

WEARSARGE: SPECIFICATIONS:

4-3861

1912

NB-0120

257--3

KEARSARGE: ELECTRIC PLANT GENERAL.

Number.	Date.	From or To—	Subject.
✓ 42207	6/24	Phila 581-3	Rel to previous authorizations for work coming under cognizance of Bureau of Egpt. and divided between C&R & S.E. L Fwd C&R. Division satisfactory. 7/6/
49236	9/22	To Phila	BROOKLYN: asks why no elec. work is being done: KEARSARGE lightning conductors should not be installed 142-3
✓ 54489	11/20	Phila. 581-95-5	Revised estimates for electrical work due to placing same entirely under S.E. L Fwd Dept-Rec. appd. 11/28. RB 12-4 a'ppd Fwd Phila-12/6. RB 12-21
✓ 55685	12/6	Phila. 581-109-5	Reports changes in cost of job orders under Equipment, Steam Engineering, due to transfer of charges from C&R. L Fwd Dept-Rec. appd. 12/12. RB 12-14 a'ppd Ret--12/15. RB 12-22
1912			
✓ 60130	1/30	Phila 581-118-5	Fwds print showing location elec. appliances in 8 and 13: rect. telegraphic approval. L. To--- appd. 2/2.
✓ 60186	2/1	Phila 581-280-5	Fwds prints of finished elec. work. L
✓ 63841	3-14	Phila 1453-5	Rect. authority to place wireless outfit, truck and screen speed lights, etc. on board have sufficient funds for Mch. to cover. L Fwd Dept-Rec. disappd. 3/19. RB 3-22 disappd To---disappd. 3/26.

KEARSARGE: ELEC. PLANT. 257-3

Number.	Date.	From or To--	Subject.
✓ 83324	11-19	Phila 581-329	Alter conduit leads to top of conning tower. L
✓ 83326	11-19	Phila 581-329	Alter location of elec. conduit in connection with trolley track alterations. L
✓ 94489	4/9	To CO thrg At. Res. Flt.	1913 Requests that the question of clearing circuits of grounds be taken up and further report be submitted. L CO Ships force removing 4-14 CO 5/6 returns report: repairs to electric grounds being carried on by ship's force. L
✓ 212674	1/11	Kearsage	1917 Alterations to comply with <u>turret</u> board report. L
✓ 223213	4/18	To C&R	Quotes from quarterly report re unsatisfactory condition of ventilating blowers. L
✓ 356852	10-10	To S&A	Rest shpt of Bell Wire NY to Boston. L

KEARASAGE: INT COM SYS

Number.	Date.	From or To--	Subject.
368480	12-18	Dept.	Guns removed from to be remounted when opportunity offers
380392	12:13 12:24	CO C&R	Install additional voice tubes- L Fwd. C&R 12-30
396007	2:15	Boston	Req. CO advise if fire control instruments have been reqd. on Bd. and if same are installed L
409010	3/1 4/7 5:13	CO C&R C&R	Request retube turrets with three inch voice tubing -L To C&R- Disapproves Item 1 of work rstd- 4/11 CO alterations to voice tubes 11:25 L Fwd Operations. 4-28 copy to CO -Boston-C&R. RS 5:1 Fwd C&R. 5-8
529423	11-16 To C&R C&R-copy of Action	To Phila Plan comments on 3/14 to Phila-3:30-L	Recast estimates evg changes in interior comm listed L Phila-submits estimates-12:16 Fwd Phila 1/6/21 RE 1-25 To Phila est Appvd 1/3/21 Phila-voice tubes satis-fwd prints-2:5 Fwd C&R 2/18 RE 3/5/21 Phila-submits estimates-2:18-L&Y To Phila Est appvd 3/5 Phila-3:11-L Fwd C&R cc Phila 3/16

— 3483

1917

MESSAGE: IIT C

Number.	Date.	From or To—	Subject.
✓ 25850	7/1 3/11	C.	Director fire - reports certain material To Post—Ask if material for installing director firing system on, is on hand. 8/17 Fwd CO via Ord Squadron 1—8/17 CO-9/19. To— Fwds duplicates prints. 10-3
258550	10/12 11/3	~~Director~~ CO Ordnance	Fire control ship control changes. 1 Fwd CO-11-7 R B 11/27
✓ 269727	12-29	To CO	Fire control installations. Advise if director firing system auth has been installed. 1 CO 1/15 - 1
280692	2/8	Boston	Fire control telephone for anti aircraft guns—fwd plans. 1 To— Plan appvd subject changing circuit. 2-19
✓ 299679	4/14	CO	Install voice tubes - 1 Fwd CO-5-1

KEARSARGE: INT COM SYS

257 - 4

1918

Number.	Date.	From or To—	Subject.
288764	3-11	Boston	Fire control and ship control-charge of material assembled. L
310803	8/24	Bost	KENTUCKY - B road side director follow the printer system - fwds print - L To Boston, Plans approved, 6-22
339333	8/16	CO	request new capacitors - L To Boston, alterations authorized, 8-26 To CO, alterations approved, 8-26
340220	8-16 8-22	CO C&R	install voice tubing from control to broadside guns - L To C&R, 8-22 To R relative to voice tube installation 9-26 L
348042	9/11	Phila	VIRGINIA - control's telephone conversation relative to shipment of selector switches.
357179	9-5	CO	fwds blue prints proposed I J Switch To Boston, alterations authorized, 9-17
358872	9-13	Boston	firing circuit confirms telephone conv. relative to installing printer case in series L

KEARSARGE: INT:COM:SYS.

Number.	Date.	From or To—	Subject.
✓ 48419	9/8	Phila 581-23	Fire control system; states location of torp. defence station on lower nettings of mast will necessitate revision of plans. E To Phila: satisfactory. Install outlets at guns in the gun mounts or on deck nearby 9/14.
48949	9/18	Phila 581-23	Fire control system: unable to make change so as to install outlet to guns and gun mounts without additional cost. L To ---change not required. 9/21
53304	11/11	To Phila	Telephone motor generator; fwds plan 7411. L
54907	11/27	Phila 581-108-5	Recommends electrical thermometers in cold storage rooms, and submits print. L To ---Disapi. installation. 12/6.
57583	12/29	Phila 581-116-5	Estimate for installing elec. whistle control. L. Ret ---appd. 1/16. RB 2-2 To ---Instructions. 2/7
57976	12/26 1/6	Phila 581-74-5 Ord 24011-66	Fire control instrumts: fwds prints of showing range and deflection system; app. sub-central and sub-station; satisfactory to Ordnance. L Ret Phila. appd. 1/15. RB 1-27 Fwd Dept. via Ord. rec appr. 1/29. RB 2-2 To Phila. appd. 2/2. Fwd Ord. 2/2.
59491	1/23	Phila 581-33-45	Fire room timing device: stats only 4 indicators furnished. 8 required. L To ---Not approved. 1/31.

KEARSARGE: INT:COM.SYS. 257-4

Number.	Date.	From or To—	Subject.	
59829	1/26	Phila 581-334-5	Elec. engine revolution telegraphs; fwds b/p. asks if Bu. desires to purchase, can not be secured from other yards. L. To—Not desired to purchase; states what will be approved. 2/1.	
60232	2/1	Phila	Rect auth. to transfer \$500 est. for overhaul light circuit for installation turret signal system	257--5
✓ 63626	3-1 3-4	Phila 581-322-5 Ord 25503-7	Proposed gun firing circuits; fwds b/p. L. Ret Ord. 3/23.	
78518	9-18	CO	Rect. time firing devices be supplied for each boiler. L. To—via Phila. Rect comment & recom. 9/24 To—Dept. not recom. 9/25 to disap. 9-30	HB 9-29
			1913	
			1917	
206032	3/31	To Bost	Lists changes in fire control system auth. L 647	
✓ 240165	7/23	Ordn	Relative to installation director firing L	

KEARSARGE; INT. COM. SYSTEM.

Number.	Date.	From or To—	Subject.
41172	6/2	Phila 581	Salvo system; submit estimates for installing motor generator; none in store that can be used. L To -- Rewinding of motor generator auth. 6/15.
✓ 41690	6/19	Phila 581-55	Recommends re-locating of engine room telegraphs and revolution indicators in sub-central station. L To -- Apprd. 6/21.
41753	6/20	Holtzer - Cabot Co	GENERATORS: for diverted to Maine & Missouri 561-2
✓ 43016	6/24	Phila 581-21	Ammunition hoist signals; submits prints showing proposed. L Ret -- Rec changes auth. 7/13. 9010 7
✓ 43085	7/7	Phila 110-18	asks what action has been taken re obtaining necessary telephones and jacks for fire control system. To -- Gives list of phones ordered on recn. 66 RDA. 7/17.
✓ 43145	7/7	Phila 581-36	Fwds plans. L Ret -- Approved as mod. 7/13. RE 7-19
✓ 43194	7/8	Phila 581-23	Ret; reconsideration of decision as to re-location of 40 wire indicator boxes. salvo firing system. L To -- Will be satisfactory to in tall in passage. 7/13.
43193	7/7	Phila 581-36	Gives list of motor generators and dynamotors for circuits. L To -- one generator ordered on recn. 64. 7/26.

REARJARGE: INTERIOR COMMUNICATION SYSTEM. 257--4

Number.	Date.	From or To—	Subject.
38688		See Card #2	To Phila. Approved. 7/8.
✓ 43349	7/6	Phila 581-36	Reqt. permission to use motor generators in store for int. com. systems: gives estimated cost for modifying. 1. To -- Approves use of two 3 H.W. gun elevating motor generators. 7/17.
43458	7/8	Phila 581-62	Firearm timing device: submits estimate for installation and prints. 4. Ret -- via CDR. Plan 794 satisfactory. 7/18. RA 7.
32655		See Card #1	Ret Phila via Cdr. and CDR. Bel location of Lorpelo defense stations. 7/15.
✓ 43649	7/12	Phila 581-64	Reqt. standard bases for lights or helm indicators and steering telegraphs be waived. To -- Rubber rings satisfactory; other requirements. 7/26.
✓ 44380	7/19	Phila 581-67	General alarm system: est. for installation of additional contact makers and gongs. 1. To -- Modifications app'd. 7/26.
✓ 45007	7/21	Phila	Reqt. reconsideration and authorization of motor generator for salvo system. 1. To -- Salvo system will be supplied by a motor generator as previously auth'd. 7/2.
✓ 45571	8/2	Phila 581-67	Genl. alarm system: submits revised estimate for repairing contact maker. 1.

FILE No.	From or To— (Dated)	Subject.
✓ 35334 3/23 4/3	Phila C&R 10386-E-917	Fire control voice tubes and sub-stations: Fwds revised plans of. L Ret C&R Plan satisfactory. 4/11.
✓ 35940 4/10	Phila 581-14	Rect. instructions re installing motor gen. for operation of visual fire control instru- ments. L Ret -- Motor gen. not required. 4/15. BB 4-20
✓ 35939 4/10	Phila 581-45	Fire control telephone system; rect. to be informed if another motor is to be supplied; only one in store at yard. L Ret -- 200 watt should be retained and 500-watt placed in store for future use. 4/20. BB 5-1 Ret -- Directs 500 watt motor gen. be instal- led. 5/15. BB 5-29
✓ 36584 4/18	Phila 581-46	Asks if elec. revolution indicators are to be installed. L Ret -- Elec. direct reading not satisfactory. 4/21. BB 5-1 Ret -- Bu desires tick-tack type. 5/3 BB 5-9
✓ 36641 4/10	Phila 113-23	Fire control system; fwds wiring diagram of salvo firing wiring. L Ret -- Apprd as mod. 4/22. BB 5-24 To -- Plan 609 satisfactory. 5/26.
✓ 36817 4/21	TO Phila	Fwds prints of switch panel for use with gun firing motor generator. L
✓ 38688 5/2	Phila 581-14	Installation of Sub-target Gun Co. visual instruments, fire control; submits estimates. L See card 3 Fwd Ord. for comment. 5/19. BB 5-25 Ret -- Revised est. requested. 5/26. BB 5-21 Fwd Dept via Ord. & C&R. Rec appr 6/27
✓ 39135 5/19	TO Phila	Ship's surface telephone switchboard markings; fwds list. L.
✓ 40150 5/31	Phila 581-23	Salvo system; asks if extension of bells and buzzers in torp. defence system applies also to this vessel. L To -- Both bells and buzzers not required. 5/2.



KEARSARGE; INTERIOR COMMUNICATION SYSTEM.

FILE No.	From or To-- (Dated)	Subject.
/ 28798 1/10	TO Phila.Yd.	Salvo firing system; fwds type plan 1849. Bells and buzzers. To -- 1849-L fwd 2/23.
30789 2/3	TO Phila.	Ships service telephone system; quotes Dept. authority; will purchase material and reqt. information on enclosed list. L To -- Request for reply 3/10.
√ 31551 2/13	C&R 569.E.947	Fire control system; fwds corrected plans of voice tubes and sub central sta. L To -- Plans showing modifications ret 2/18.
√ 32655 2/27	Phila 113-18	Gen. arr. elec. and mechanical instruments. On bridge & conning tower; fwds vandykes. L See Card #3. Ret -- apprd as mod. 4/3. R.B. 5-11 Ret -- via C&R. Comments and modifications. 5/22. R.B. 6-27 Ret -- via C&R. 2 prints fwd. 6/1 R.B. 24
32914 3/2	Phila 113-23	Salvo firing system; submits est. & prints. L To -- Apprd as mod. 3/8. Ret -- via C&R 3/8. B.L. 4-3/23 Ret -- print lost. 3/25. R.L. 3/29 Ret -- Corrected print fwd 3/29. R.B. via C&R 4/7. R.B. 4/7.
√ 33608 3/11	Phila 113-35	Ships service telephone system; submits est. for work as directed by Bureau 2/3. L Ret -- Material ordered 3/21. R.B. 3/30
√ 34809 3/28	TO Phila	Ships service telephones; reqt recommendations and estimates for installation of, based on Bureau's preliminary list, omitting such tele- phones as may be necessary to keep the cost within the amount authorized by Dept. L
√ 35296 3/31	Phila 581-35	Ships service telephones; reqt auth. to be- gin work of installing; gives estimates. L Ret -- via C&R. Rec in par. 3 apprd 4/4. R.B. 4-24 app'd Fwd -- 4/25. R.B. 5-4



~~WEARSARGE LIGHT AND POWER~~

~~1922~~

MARSHARGE LIGHT AND POWER 1922			
Number.	Date.	From or To—	Subject.
646736	10/19 10/23	Moore Steam Turbine Co. Insr Pitts.	Generator sets, fws prints, and corres- pondence about delivery of litho prints. IS

KEARSARGE

LIGHT AND POWER

1922

Number.	Date.	From or To	Subject.
606347	1 24	Inspr Pitts	Copy of letter to Moore Steam Turbine Corpn asking when corrected specifications will be submitted for approval. L Inspr Pitts- 2/2 5
608877	2/7	Inspr Pitts	Copy of letter to Moore Steam Turbine Corpn asking when drawings of 200 KW turbo generator sets will be turn. L
611706	2/27	Inspr Pitts	Fwds copy of letter from Moore Steam Turbine Corpn stating operating mechanism for 2 KW turbo generator sets have been fwded to Phila. L
612036	2/24	Phila.	Power and Lighting systems- fwds various prints. L To Phila plans appvd with comments 3/13 Phil 3/13 fwds drawings of power & light sys L
52628	3/1 2/2	Moore Steam Turbine Inspr Pitts	To Phila Plans approved 3/31 fwds specifications for 200 KW sets for KEARSARGE SL

629

KEARSARGE LIGHT AND POWER

1922

Number.	Date.	From or To—	Subject.
✓ 613082	3/8 3/9	Moore Steam Turbine Corpn Inspr Pitts	Request cast iron throttle valves for 200 KW Turbo Generator sets be accepted. L Inspr Pitts- Request action 3/14 L Ed Phila cc Insp Mat Pitts 3/18 L To Insp Mat Pitts- Gives Action cc S&A Phila 3/28 Inspr Pitts 3/29 Copy of actn to Moore Steam Corn L
579323	FROM CARD 5		Inspr Pitts- Copy action to Moore Steam Turbine Corp. 3/14 L
✓ 615321	3/24	Inspr Pitts	Copy of letter to Moore Steam Turbine Corpn stating specifications will be amended upon submission and approval of finished drawings L.
✓ 644641	10/2 10/6	Moore Steam Turbine Corpn Inspr Pitts	Co's letter rel to matl specification sheet for WHITNEY applies to KEARSARGE L

REARSAUCE LIGHT AND POWER

1921

Number.	Date.	From or To—	Subject.
✓ 601249	12/19	Inspr Pitts	Copy of letter to Moore Steam Turbine Corp station inspection of generator will be made 1/3 L
✓ 601565	12/20	Inspr Pitts	Copy of letter to Moore Steam Turbine Co. requesting report of all uncompleted test of turbo generator sets. L
		1922	
✓ 603175	1/4	Inspr Pitts	Copy of letter to Moore Steam Turbine Corp listing specifications cov turbo generator. L
603332	1/5	Inspr Pitts	Copy of letter to Phila. rel to inspection and list of turbine generators from L or Steam Turbine Co. L
✓ 603433	1/9	Inspr Pitts	Copy of letter to Phila. in conn with list of turbo generators. At Moore Steam turbine Corp. L

Number.	Date.	From or To--	Subject.
604423	1/13	Phila.	Copy of letter from Inspr - Pitts rel to rejection of turbine living room there- for. Inspr Pitts- Request ruling on suggestions that permission be given to have units ship with requirements that manufacturers later modify relief valve and combined throttle and emergency valve, now satisf. 1/18. 19
		ELCW	<u>40- Decisions</u>
605208	1/17	Inspr Pitts	Copy of letter to Federal Traffic Board requesting routing and route numbers for ship of material from Moore Steam Turbine Corp. L
604122		Forward from above	To Phila. Electric Generator sets shipment- Re most of Inspr Pitts. 1/20/32 Inspr Pitts- Copy action to Moore Steam Turb Corp. 1/23 L To Inspr Pitts- Inves Action cc Phila- Moore Steam Turbine Co 1/23 Inspr Pitts- Copy action to Inspector Buffalo 1/25 L Phila. 2/2 L

KEARSARGE: LIGHT AND POWER:

Number	Date	From or To	Subject
574692	6:16	Moore Steam Turbine Corpn	Fwds descriptive specs of TE generators
	7:15	Insr Pitts	also list of spare parts.L
	8/26	Fwd Insr Pitts	To Comdt Phila - A pvd 7/27 L S
	8/30	Fwd Insr Pitts	To Insr Pitts- Comment on specifications 7/29 L
	9:6-1	Insr Pitts-copy of letter to Moore	Turbine Corpn-3:21
9			Insr Pitts-copy of action to Moore Steam
575323	8:5	Phila	Turbine Corpn-8:21
CARD 7			Control for anostat fws print showing
			To Comdt Phila- Letter drawing a pvd 8/13 L
			cc Insr Eng Elec Wks, Insr Pitts
			Phila-copy of action to Comdr 9:26-1
580108	8/10	Phila	To Insr Pitts- Fws prints. 2/27 L
			Insr Pitts- Plan a pvd cc Phila 3/13/22
			A-4:10-10:10 details of crane generator
			leads-fws prints. 1
			Drawing ad for a pvd 8/18 L
			Phila-generator leads-fws plans-9:2-1
			To Phila gives comment on plan 9/14
			Phila- Crane generator leads-fws prints 10/24 L
582572	8:12	Moore ST Co	Generating sets-connections for L&D
	8:25	Insr Pitts	To Phila- 9/22
586512	9:20	Insr Pitts	Generating set copy of letter to Moore Corpn
			giving drawing requirements.L
588995	10:3	Moore ST Corpn	Rect auth to omit heat runs on generator
		Insr Pitts-saving in fuel \$50-10:12	units. 1
		To Insr Pitts- rel test at set cc to Insr Pitts- Gives inform cc Buffalo- 8/13	
		Buffalo- Phila- Boston 10/24	Insr Pitts-Copy action to Moore Steam Turb.
			Corp. 10/25 L
590446	10:14	Insr Pitts	Copy of letter to Moore ST Corpn recting
			instrs relative to addtl drwgs covering
			circuit breaker tripping switch for generators.L

1921

Number.	Date.	From or To—	Subject.
✓ 592394	12/21 10/24	Moore Steam Turbine Corpn Inspr Pitts	Outlines drawings of 200 KW turbine generator sets - fwsd L Inspr Pitts - Moore Steam Turb Corpn - will guarantee generator - 12/24 L To Inspr Pitts - Plans apply with comment cc Inspr Pitts - Buffalo Comdt Phila 11/4 Inspr Pitts - Copy action to Inspr Buffalo 11/4 L Inspr Pitts - Copy action to Moore Steam Turb Corpn 11/7 L Inspr Pitts - Fwsd letter from Moore Steam Turbine Corpn. 11/8 L Inspr Pitts - Contractors state drawings were fwsd. 11/8 L Inspr Pitts - Fwsd addtl drawings. 11/15 L
✓ 597829	11/28	Inspr Pitts	Copy of letter to Moore Steam Turbine Corp requesting new copies of GE Co. drawings on hand wheel operating mechanism for rheostate for generating set be furn. L Inspr Pitts - Copy action to Inspr Buffalo. 11/28
✓ 599919	12/8	Moore ST Corpn	Will fwd prints of 200 kw turbo gen sets in a few days. L

Number.	Date.	From or To—	Subject.
525139	10-26	To CAR	Electric plant removal of: Re st inform L CAR-11;11-L
525141	10-26	To Phila Phila-submits estimates-12;17-L To Phila authd 11-26 To Phila Fwds Plan 12-15 To Phila Regst Plan 12-16	proposed conversion to Crane: Comments and recommen requested L Phila-report on insulation test-11;15-L Phila-12;9-L
527192	11-4	To Commit Phila To Phila Returns Fin 12-21 To Phila Gives inform 12-29 To Phila Fwds Plan 12-21	Request sketches showing front view arrangements of Gen switchboard and distribution switchboards as how installed be fwded Phila-11;30-L Phila-fwds prints-12;2-L
527382	11-5	To Phila	Assignment of Searchlights; cc CAR. L
535341	11-13	REPT ABOVE To Phila Est appvd 5/13 To Phila Fwds Plan 12-15 To Phila Plans appvd with comment 7/15 To Phila Plans appvd 8/26 To Phila Regst Inform 9/8 Phila-fwds plans-9;6-L Phila-9;20-L To Phila Plans appvd with com 10/8/21 To Phila- 10/8/21 Phila- Location of Machinery crane dynamo plan- fws print-10/25 L To Phila Plan appvd 11/29	To Phila est appvd 12-29 L Phila-arrangement of generator head board- fws prints-12;28 To Phila Plan Appva 1/4/21 Phila-1/31 Regst 1228 Repr with 12/28 boards L-1;17-L To Phila Gives inform 2/18 Phila-submits estimates-3;5-L To Phila Ask to be informed after completion of work cc S&A L 4 2 Phila-4;23-L Phila-submits estimates-4;23-L To Phila Fwds Plan 4/29 To S&A Regst shipmt of Cable from NY to S Phila 7337 5/10 RB 7/19

257-5:KEAPSARCE: LIGHT AND POWER; SYSTEMS:

Number.	Date.	From or To—	Subject.
543367	1:27	Inscr Pitts	Copy of letter to Moore ST Corp in connection with modifications to turbo generating sets. L
529192	1/6/22	SEE OTHER SIDE To Phila - gives modification of	To Phila Plan re gen switchboard appvd 2/5/21 L Phila-fwds prints of switchboards and feed power and lighting system-4:20-L To EO Phila disappvd 5/2 Phila-reqt action on prints-5:5-L To Phila Ack receipt of plans-Plans appvd 5/9 Phila-reqt action 5/12 To Phila Gives action 5/12 To Phila Plans appvd with comment 5/25 To Phila Plans appvd with comment 7/13 Phila-fwds drws of power system-3:6-L To Phila plans appvd-L To Phila Plan appvd 8/6 Phila-fwds plans 9:9-L To Phila Plans appvd 10/4 Phila 11/14 L Turbo generator sets; Fwds Plans L
543108	3/4	Phila	
565920	5:20 5:37	Moore Steam Turbine Corp Inscr Pitts	Moore Steam Turbine Corp. 500 kw turbo generator sets and prints showing armature and field winding and assembly and diagram of connections.
		To Phila- Gives instrns re plans 6/22	To Inscr Pitts Plans appvd cc Phila Buff. 6/10 Inscr Pitts - copy of action to Moore ST Corp Phila 11/14 L
5721007	6:21	Inscr Pitts	Copy of letter to Moore Steam Turbine Corp Inscr Pitts - copy of action to Moore ST Corp Phila 11/14 L

KEARSARGE: LIGHT & POWER SYSTEMS.

Number.	Date.	From or To—	Subject.	
✓ 264514	6/17	NY	Asks whether 1/6 or 1/12 horse power fans to be furnished on requisition 455 L. Fwd NY—6/21	
266264	12-9	B S Force #1	Mechanical searchlight control, KEARSARGE, Ohio, MAINE and MISSOURI: request effort be made during present docking, to complete installation. L	708
269436	12/15	CO	Alterations, install distant mechanical controls of search lights - L	
286326	3-1	CO	Submits list of mixtures required in connection Turret Board report. L	
292212	3-26	Co CO	Circuit Breakers: Forward comment and recommendations L CO - Submits report on circuit breaker. L 4-2 To - Lists circuit breakers to be ordered. 4-26 CO - 5/6	
350857	10:10		Shipment order received back 10:16 RB 10/16	

FEARSARGE: LIGHT & POWER SYSTEMS

Number.	Date.	From or To—	Subject.
411548	3:30	CO	Repairs to commutators field coils; motors; starter test instruments and lighting strg. batteries L To— Gives detail action on items. copy to Comdr 1st Force 1-locator-C&R. 4-21 o C&R- Fwd correspondence for action. 4-21
411515	1-25	CO	Battle 1st Force 1-4-8 Request repair of fixtures same to include lighting device to battle circuit. Fwd Boston copy to CO and C&R. 5-2
414842	4:29	C&R	Copy of let. Boston auth. reinsulation of armature make up field coils for motors etc L
415734	4:30 5:2	CO Boston	Req. auth. to exchange fans L To CO- auth to turn the five alternating fans. copy to Comdt Boston. 5-10
517080	9:14	C&R	200 kw, 230 volt generating set satis. L C&R-submits comments-9:27-L
524364	10:20	C&R	Submits list of C&R elec aux showing approximate location and power requirements. L

KEARSARGE: LIGHT & POWER SYSTEMS.

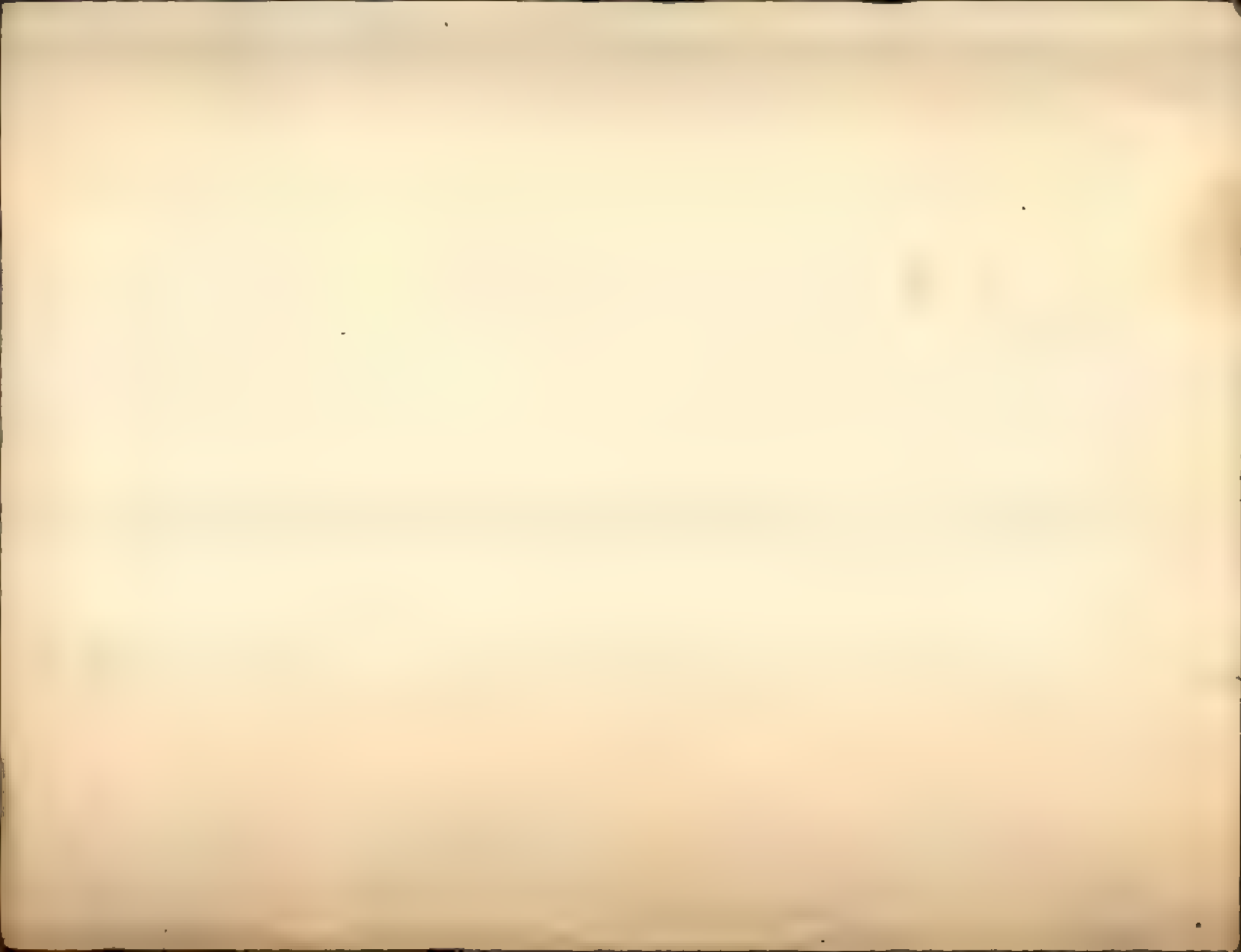
Number.	Date.	From or To—	Subject.	
48996	9/18	Norf 4945	& KENTUCKY: light 7 power feeders; main switchboard; rect. vandyke or plan. 1 Ref. Cdn via Phila. lwd. prints to Norf. 9/23	
52661	11/1	Phila	Generator, motor, reports on those in store and required for 1912	661
59733	1/27	Phila 581-354-5	Blinker lights; asks if are to be fitted. 1 To---Not at this time. 1/29.	
59953	1/29	Phila 581-395-5	Installation of Wat rbury training gear for turrets; est. for increasing power feeders. 1 Rwd Dept. rec appr. 1/31. R P 2-2 appd To---appd. 2/3.	
60232	2/1	Phila 581-324-5	Reqt. authority to transfer \$500 est. for over-haul light circuit for installation turret signal & stem. 1 To---appd. 2/6.	
60269	2/2	Phila 581-3875	Elec. auxiliaries in turrets; funds power wiring plans. 1 To---Appd. 2/7.	
62066	2-23	Phila 581-474-5	Combined oil reflector light; reqt. description; called for on allowance. 1. Ret---Item 1 should be omitted. 3/7.	
58400	2/24	Phila	Required \$18674.21 EofV; reqst auth. to transfer funds from over-est. to under est. job orders. To---Directs work in conn. with search-lights to proceed; transfer of funds authorized. 2/28.	602

KEARSARGE: LIGHT & POWER. 257-5

Number.	Date.	From or To--	Subject.	
✓ 63722	3-12	Phila 1981-5	Charging panel; not required but work advanced so far completion is recommended.L	
✓ 65246	4-1	Phila 581-322-5	States panel for gun firing storage battery 9-10th completed.L To--Directs be completed when opportunity and funds permit, 4/5. Fwd Oct. 4/5. R 4/9	
✓ 78570	9-19 9-20	CO Phila	Reqt. blinker signal be supplied.L To--Phila. not appd. 9/25	
73300	9/24	Dept..	Re installation of searchlights (inconnection with mobilization)	602
82427	11/7	Phila. 581-351	Mechanical control searchlights: recommends reconsideration of disapproval to install electric control.L To--under consideration. 11/15.	
89496	1-27 2-3	CO Phila 581-316-6	1913 Hand hole plates for dynamo engines.L To Phila. appd. 2/8.	
158479	6-18	CO	Reqt. signalling shutters be installed on 2 1180th. L To Phila--auth to install 2 shutters. 6/21	
181657	3-13	CO	Gen. set: request prints L Fwd Norri-- 3/17 RE 3/28 Fwd Phila-- 4/1 RE 4/18 Fwd NY 4/21 RE 5/4 To Phila-- NY will furnish. 5/4 To NY-- 5/5	

KEARSARGE: LIGHT & POWER SYSTEMS:

FILE No.	From or To— (Dated)	Subject.	
✓ 31454 2/10	Phila Yd	Reqt. authority to manufacture illuminating set. Y Ret -- Plan fwd; recst est for installtn 2/17. RB 5-23	
✓ 36668 4/19	Phila 581-37	Submits quotations received on circuit breakers for searchlights. L. Fwd N.Y. should conform to specns 17-B-1; Print 1855-L fwd. 4/26 RB 5-23	
✓ 37906 5/3	Phila Yd 581-34	Illuminating set: fws prints and invites attention to arr. of feeder cable. L. Ret -- Plan 640 apprd; 672 not apprd. 5/8. RB 5-24 Ret -- Approves genl arret of switches and constrn of panel box, but not type of switch. 5/20. R.B. with prints showing modified type of switch handle. 6/7. To -- Dr. 672 apprd. 6/8.	
✓ 41177 6/13	Phila 581-13	Reqt. authority to undertake incidental elec. work in connection with installation of water-bury turning gear for turrets. L. Ret -- Via C&R. approved. 6/17.	
42007 6/17	Phila 581-31	Illuminating set: Submits estimates for manf. L Fwd Dept via C&R. Rec appr. 7/10. RB 7-22 app Ret -- 7/24.	
44474 7/24	Phila	Probable date of completion: recst specific action on battery charging room.	257--8
✓ 45572 8/3	Phila 581-88	Illuminating set; revised estimate covering conduit. L Fwd C&R. Noted. 8/8.	
✓ 48950 9/18	Phila 581-8	Battery charging panels: submits estimate for manufacturing. L To -- approved 9/21	



KEARSARGE: RADIO

Number.	Date.	From or To—	Subject.
443989	9:3	Phila	copy of telephone conversation regarding removal of x radio apparatus.
553682	3:25	C&R	Radio mast details-fwds prints-3:25-W To C&R. Satisfy 3/29
557140	4:12	C&R	Copy of letter to Phila directing provide rigging with insulator at mast bend.W
563436	5:11	Phila	Radio room and antenna fwds prints.W To Phila. Appvd with Modifications 5/20 To Phila- Appvd with comment 6/24
565147	5:19 5:19	Phila C&R	Main mast and fittings-fwds print W Fwd C&R 5/26

1917

4

Number.	Date.	From or To—	Subject.
2400	4/24	Lt. Norris	Re shipt of Telefunken radio set to Boston by express cor.
224556	4/25	To SIA	Re shipt of radio trans set from NY to Post F.R. W
✓ 225970	7/9	To SIA	Re shipt of radio trans set from Wash to F.R. W
12	7/10	To CO	Loan for long range radio set 1 kwp. 7/10 WR
137	10/2	To CO	Reqt for receiver disappvd. WR
273062	1/11	CO	Request auth to install 2 kw Lowenstein sets.
256149	10/18	CO	Request new radio receiver W ~~256149~~ To SIA Reqt shipt Sperry short receiver from Wash to KE. RS. 10-26 To SIA Reqt shipt One I.P. 76 radio receiver from to Wash. 10-26
273948	1-16	To Boston (T)	If voltage satis install 2kw Lowenstein radio transmitting set. Remove present set and turn into store. 1-16 W To (T) If voltage satis install 2-kw Lowenstein radio transmitting set. Remove present set and turn into store. 1-16

KEARSARGE; RADIO. 257+ - 6

Number.	Date.	From or To-	Subject.
274829	1/9	Bost	Confirms telephone conversation relative to new radio material - W
344216	8/29 8/31	CO Bost	Request a new 5 KW radio set - W
344044	9-4	To Boston (T)	authorizes installation transmitter W
345380	9/4	Bost	Confirms telephone conversation in connection with installation of radio set on-W
356852	-10:14	Boston 10:14	Confirms telephone conversation. 919
409797	3:29	CO	Alterations to radio set W To Comdt Boston - Supply of new matrl from store and install of condensers is auth- 4/11
413315	4/21	Battleship Force	& KEARSARGE & KENTUCKY - fws list of material reqd and request information as to policy in regard to fitting out ships to carry our provision of force wave system. W.

1915

WEARSARGE: RADIO

Number.	Date.	From or To—	Subject.
✓ 168372	10-15	CO T	Reqt motor generator for radio be shipped To-(R) Shipment restd from NY. 10/15 To NY-(R) Reqt shipment of apparatus. 10/15 To S&A-- Reqt for shipment. 10/15 NY re ommands shipment generator 10-7
168990	10-14	CO	Reqt motor generator for radio.W To S&A--Reqt shipment of from NY. 10/23 Fwd S&A--Rec spare parts be not shipped. 11/12 CO asks if have been shipped. 11/24 (T) To--(R) Shipped from Norf Nov: 25th. 11/27 Duplicate copy thru SRS-1-11-
✓ 175284	1-1	At Flt	& MACHIAS: radio equipment unsatisfactory. W Fwd Rad Ser-- 1/6 RB 1/12 Dup thru SRS 1-11
176609	1-14	CO	Request new 5 kw transmitting set with save cleaning device. W Fwd Dept--Rec recommended. 1/24 RB 1/26 To--Will not install new radio set. 1/29
177117	1-25	To CO.	Lists apparatus to be turned in store at Phila and apparatus to be shipped to NY.W To S&A-- Reqt for shipment. 1/25
178364	2-7	To CO.	Electrolytic receiver: asks disposition of.W Receiver was found 2-11
181916	3/16	Phila	Reqt that WEARSARGE be directed to turn in audion tuner to Machinery Division for yard radio station in lieu of into store 828

KEARSAGE: RADIO.

257 -- 6

Number.	Date.	From or To—	Subject.
185515	4/24	To Phila	Authorizes issue to radio station Marconi wave meter turned in by KEARSAGE
			893-4
213732	2-1	CO	Request standard radio set be installed. W To Phila--Gives action taken. 2/15 23 2-19 To SAA--Next shift of one 2 1/2 kw. trans set from Phila to Phila for. 2/16 CO calls attention to fact that Phila was directed to make estimates for installing a Telefunken set to be shipped from Phila vessel not assigned to Phila Yd 2/18 SAA next shipping request changed to cover shipment to Bost 2 21 Fwd Bost 2 21 M Is (T) necessary to retain part of ap- paratus ex SAA. CCA. for M Is. M Is request authority to ship set without condensers, reactances, etc 3 2 Bost (M) quotes message from M Is stating apparatus in need of repairs before shipment; present LP set is in working condition 3 2 To Phila--(T) 2 kw. radio sets ex-CIA. CCA. M Is will be shipped for without condenser and reactances. 4/7 To Bost--Gives act. 4/7 Bost reports on insulation of one kw set. 4/28 To SAA--Next shift of trans set from M Is to Wash for dis c. 5/8 Request installation ultra audion. M. To SAA--Next shift of ultra audion detector from Wash to Bost for. 4/20 Boston - KEARSAGE requests action 4/21, W To--Next shift April 20th by express. 4/20 Parts of set shipped from M Is lost enroute; request ultra audion set be forwarded by express. W To Bost--(T) ship April 23rd. 4/23
223156	4-17	Bost T	CROSS CHEYENNE 6
224167	4/22	CL R	
	4/24	F. Lo	VOID

1912

2✓

Number.	Date.	From or To—	Subject.	
63841	3/14	Phila	Re t auth. to place wireless outfit, etc. on board, have sufficient funds for Mch. to cover:	257--3
7530	8/8	To Phila	Reqt status of installation:	
75857	8/14	Phila. 581-357-6	Radio set; gives value at which carried on storekeeper's books; will be changed to 3 of V 1913 when invoiced. W	
80430	10/17	To Phila	Reqt. estimate for placing in serviceable conditions and installing.	
82638	11-13	Phila 581-357-6	Recommends alterations and submits est. W. Fwd C&R. 11/15. BB 11-20 To---aprd. 11/20.	
84085	11-2	CO	Gives description of set. W	
			1913	
159237	6-29	CO	1915 Reqt transformer for quenched spark gap. W To---Not prepared to furnish. 7/1	

257 -- 6 KEARSARGE: RADIO:

Number.	Date.	From or To--	Subject.
164648	8-30	To Phila. (R)	Reqt information re installation of 5 K.W. radio set now in store at Phila. W Phila Replies. 9/1 To--(R) Can est be reduced. 9/2 Phila (R) Cannot reduce. 9/2
164801	9-1	CO R	Gives reliable range for sending.W
165160	9-7	To S&A.	Reqt shipment of radio audion apparatus from Phila to KEARSARGE. W
165188	9-7	To Phila. (R)	& KENTUCKY: directs radio sets be retuned to 600, 750, and 950 meters and adjusted to best efficiency. W
165330	9-7	CO	Reqt delivery of radio outfit. W
165333	9-7	CO	S&A reports shipment wave meter 9-10 To Via Phila--Disapprove issue 5-K.W.set. 9/9 Reqt complete radio set.W To--Have reqtd shipment of set. 9/10
165680	9-13	CO R	Reqt rotary spark gap and audion amplifier.W 258-6
165739	9-10	CO	Reqt rotary spark gap. W To HANCOCK--(R) Reqt transfer to. 9/14 HANCOCK Have transferred. 9/16
166560	9/23	Phila	Reqt ultraudion detector furnished vessel be replaced for experiments in radio laboratory. W To--Not available. 9/25
167915	9-30	CO	Reqt additional radio app.W To S&A-- Reqt shipment radio apparatus from Wash to CO. 10/12

KEARSARGE: WIRELESS TEL. SYSTEM.

FILE No.	From or To-- (Dated)	Subject	
33006 3/3	Phila GSK 113-581	Asks what action shall be taken towards supplying deficiencies. W Ret. via N.Y. Directs another pair of telephone receivers be shipped with outfit 4/8. RB 4-28	
37008 4/21	NY 29-855-7	Wireless set; submits estimate for manufacturing. W Ret. apprd. 5/3. RB 5-10	
39058 5/20	To Mun. T	Motor generator sets, cont. 14462. Hold shipment two sets for instructions.	258-6
✓ 51982 10/26	To NY	Wireless transmitter; requests prints be forwarded to Phila. W.	
✓ 52713 11/4	To Phila.	W.T. Set; request status of installation. W	
52813 11/6	Phila T	Wireless set now in store house ready for installation with exception of rat-tail room ready. W To---proposed to substitute modern high-frequency for one in store; directs work of installation be delayed pending decision. 11/7. To--- Will not auth. high-freq. set; directs low-freq. set be installed. 11/28.	
53742 11/15	NY 29-855-10	Reports supplying Shoemaker receiving set type with detector. W	
56072 12/14	To NY	RECEIVERS: type I-P-76, reqn 202, rel to delivery to, for 1912	898



[illegible]

KEARSARGE: MACHY PLANTL

-1920-

Number.	Date.	From or To	Subject.	
495296	5/22	Dept	Copy of letter to Phila stating vessel will be converted into a crane and salvage ship -DY	
495509	5/24	Dept	Vessel will be converted into a crane or salvage ship if Naval appropriation carries such authority - DY	
496946	5/29	C&R	General arrangement covering conversion of vessel to crane ship- fwds print with comments on. C&R-6:14-D To C&R: Plan satisfy 6-17.	D.
500692	6-23	To Dept JOINT	Recommends work of converting into Crane ship. No file on at Phila. Det'd instrns will be issued upon depts authority * C&R-7:8-Y	
507237.-	7-24	To C&R	Machinery: Fwds plans .D.	
507321	7:26	Dept	Copy of letter to C&R stating vessel will retain original name-D	
515289	9:2	C&R	Fwds deck and bilge plans-D	
5176559	16	C&R	Specifications covering conversion of ship into crane ship-D	

257-8:KELARSARGE: MACH PLANT:

Number.	Date.	From or To—	Subject.
524886	10;22	Phila	Request detailed engineering speens for converting vessel into crane ship Fo-1.D To Phila Fwds Vandykes 11-2
525293	10;25	C&R	Submits final prints in connection with conversion of vessel.D
539176	1/7	Phila	Submits estimates of cost in detail to 257-2 complete conversion of vessel to crane ship. D To Phila Reest instr 1/15/31 To Phila 1/28 Phila submits estimated cost of complete conversion of vessel to crane ship.
		Phila submits est with comments-3;5-D To Phila Gives shipping instrn 3/28 To S&A Reest shipmt of engine from Norf to S Phila 6830 3/31 Re-5;17-Y To Phila Reest Inform re re instln evaporator and distillers 2/8/21	
532307	2;3	To EO Phila	Fwds cc cont vandyke re boiler compartments and location of pumps D. Phila-3;2-D
BELOW		See original entries under 257-19. To Phila Gives modification of plan 3/24	To Phila Plans appvd with comment assgd file number 3/11 RB-with prints showing dynamo and Phila-3;19-D dynamo condenser room-3;29
550268	3;8	Phila copy	Vessel docked.A&Y
532307		SEE ABOVE	To Phila- Reest plan is submitted 3/31 D Phila-submits estimates-4;20-D Fwd C&R 4/25 Re-5;3-D To Phila Plan appvd with comment 5/4

257-8
KEARSARG 3: MACHINE PLANT

Number.	Date.	From or To—	Subject.	
✓ 421115	5:20 5:26	JIG C&R	Report of Bd to inquire into collision between 1st steamer MAJESTIC and KEARSARG. Fwd. Operations. 5-29	
440193	8-20	To Bd I&S	Material Inspection. Fwd correspondence. Yo Dept 8-15 instructions in conn with holding material inspection. Bd I&S - returns correspondence - 11/3	
441688	8/25	Dept	Copy of letter to Phila giving prelim. instrns in regard to placing ship out of commission - AY	
443808	10-7	Bd I&S	Fwds report of matrl insp held 9-9.	Y
455517	10/31	Bost	Copy of letter to Dept asking if vessels will be put out of commission at NY - Y	
457861	11/12	Dept	& KENTUCKY - Phila has been assigned as Home Yd - Bost directed to transfer outstanding job orders - Y	

1919

257 - 8 KEARSARGE: MACHY PLANT

Number.	Date.	From or To--	Subject.	
458063	11/12	Dept	Phila assigned as home Yd.	
458061	11/12	Dept	Vessel assigned to Phila as home yard-Y	
458519	11/17	A. G. Hearné (7)	& KENTUCKY - Copy of letter to Phila fwding allowance books for - Y	
461228	12-2	Boston	Copy of letter to Phila transferring outstanding job orders.	Y
461639	12-3	Phila	Submits report of Gen Survey Bd & Board of Survey & Estimates: 12-10 RB-12:16 and Operations: 12-10 RB-12:26 To - Work to be held in abeyance. copy to CO with copy of correspondence. 12-17 to Phila. 12-30 copy to CO. Phila ask if job orders listed should be cancelled-12:10-1	
To Phila orders 12-15 Phila-1:10-Y		Givesh ed of Job		
To Phila cancellation authd cc Oprns C&R 2/15/21				
473449	1/31	C&R	In connection with conversion of vessel of KEARSARGE calss into a ship suitable for carrying 250 ton crans. D.	B-1

Number.	Date.	From or To—	Subject.
336469	7/20	atl flt	quarterly battle insp - fnds report - Y Rm Dept. Via May 8-23
33926	8/20	Bost T	Re Bost Bureau action on material inspection to Boston (1) insert report authorized 8-22 Phone Boston, giving action on report, 8-22 To Boston, repairs and alterations at 8-23 8/22 - C. A. C. of telegram to Boston authorized 8/22 - B. B. C. of telegram to Boston authorized To Boston (1) re inspection; action taken 8-24 To Boston, smokepipes authorized, 8-27
341117	8/24	C&R	Quotes from work under C&R items under cognizance of SE: examines smoke pipe, installation distant control for search light, etc; - Y To C&R Alterations authorized 8-28
344213	8/30	Bost	& KENTUCKY - finished machy plans - regst van dykes - D To Comdt Boston- Pwdg 4 Rolls of vandyke prints of machinery plans - 4/10
406655	3/5 3/24	CO Atl Battleship Force 1	Request install du lcy for distribution etc-D To- Alterations disappvd 3-29 copy to Bat Div. "A" and Bat Force 1

YEARSARGE: NAVAL PLANT: CTERAL

Number.	Date.	From or To—	Subject.	
352448	9-25	Dept	Oct. 8 set for compensation of all auto. work Y	
356356	10;7	Operation	Repairs 10;12 A	
357747	10/13	Bost T	Reports on post repair trial - Y	
366668	10-18	Boston	Repts repairs to lamps and torches Fwd Boston, 11-12	Y
398103	2:29 2:19	At Ft Dept	Fwd report of annual inspection Y Fwd Operations via Navgh and M&S. 3-18	
408854	3/5 3/24	CO Atl Battleship Force One <i>not all 11</i>	Request install zinc boxes on salt water lines - install valve on auxiliary steam line- etc - D	

KEARSARGE: MACHINERY: PLANT: GENERAL.

1915

Number.	Date.	From or To—	Subject.
166538	9/23	Dept	Directs material inspection Phila. Yd. Y
170156	11-3	Dept	Hull report. Y Fwd C&R--Noted. 11/4
175511	1-6	Dept	Directs material inspection Phila. Y To Bd I&S-- Fwds Record of Work: 1/8 Bd I&S returns corres 3-27
176307	1-10	CO	Alterations, salinometer cocks: proposed connection boiler blow line. time firing device, alter back casing all boilers, heavier boiler insulation. Y Fwd Dept--Recommendations. 1/25 RB 1/27 Fwd CO Via Phila-- Gives action on. 1/27 RB 2/28
✓ 176756	1-19	Dept	To relieve CHICAGO Mass N.M. CHICAGO to be transferred to Penn. N.M. Y
177198	1-24	Dept	Directs work be proceeded with at Phila. Y
178553	2-4 2-9	Phila C&R	Recommends March 11 repair limit. Y Fwd Dept-- 2/10
178828	2-11	Dept	Repair limit March 11. Y
179085	2-1	Bd I&S	Material inspection: fws report. Y To Phila--Auth ship's force perform item 268. 2/21 To Phila--asks size and location of holes in front casing of boilers. 2/24

KEARSARGE: LACUNARY PLANT: GENERAL. 257-8

Number.	Date.	From or To—	Subject.
180162	2-...	ila	to orls of ... Fwd Dept--Recommendations. 2/29 RB 3/3 To--Gives action on. 3/3 Phila item 13: rehabilitating brasses; only 6 require 3-22 Fwd Dept-- 3/24 RB 3/27
180483	2-23 2-29	Phila Dept	Date of completion: rect re commendation re completing repairs recommended. 3/3 Fwd Dept--Recommendations. 3/3
180556	3-2	Dept	Repair limit Apr 1
181521	3-13	Dept	Military inspection: fws report. Y Retd-via C&R--Noted. 3/15
1917			
214715	2/14	To Nort	& KENTUCKY Rect all tracings on file showing changes in machy install be fwded to Bu. D Nort fws tracings 2-17 To Nort request tracings omitted 2/23 Nort unable to locate missing tracings; fws print made from vandykes 3-1
247670	8/4	CO	Reports on readiness for war service Y Fwd Dept via C&R Ord--Comments on. 9/12
297666	4/13	Dept	Directs repairs at Post 1/14 boat cranes, etc - A

KEANSARGE: MACHINERY PLANT: GENERAL:

1912

Number.	Date.	From or To—	Subject.
7 66223	4-8 4-11	Phila Dept	Commissioning of: gives list of stores and material under title "A" chargeable against apprc. when drawn out for installation.Y Fwd SEA via Ord. 4/22.
69353	5-7	Phila 581-454	Corrects total expenditures authorized: \$210,591. against Bureau figuring \$166,591.Y Fwd Dept. rec appr. 5/22. RL 6-24 To addtl for changing trap discharges in fire rooms appd. 5/25.
✓ 72043	6-24	Phila 581-3	Fwds statement expenditures under title "D". Y Fwd Ord. 6/26.
72094	6-24	Phila	Statement of expenditures under title "D". A-Y
77435	8/28 9/4	CO Norf.	Reports on dock trial. Reports all machinery in satisfactory condition except for minor defects which are being remedied.Y
82431	10/31 11/8	CO Phila. 581-140	Manufacture pans to be fitted under lathes and compressors, and manufacture splash plates for port engine.Y To Phila. appd. 11/18.
84844	11-29 12-9	CO Phila 581-151-2	Repair gaskets, filter tank covers, and valves.Y To Phila. appd. 12/12.
			1913

1913

Number.	Date.	From or To—	Subject.	
89690	2/8	Bd I&S	& ILLINOIS, reqt repair papers, etc	238--8
90398	2/15	Bd I&S 231	Material inspection; fwds report.Y	
111598	11/21	Dept	Fwds report of military insp	493
128245	6/10	Dept.	Military inspection: fwds report.Y Fwd Dept via Ord and S&A.6/15.	
1 45564	1-23	Dept	Military inspection: forwards report. Y Retd via Ord-S&A- Noted 1/27	
153213	4-24	Phila	Lists unfinished work due to shortage of funds.Y Fwd Dept 4/26 RB 4/29 To--Dept auth postponement of. 4/29	
165140	9-4 9-5	Phila Dept	R Estimate for repairs to distillers, main engines, etc.Y	
165218	8-29	CO	KY: list of urgent repairs; Dept auth 10 days work	258-8
165359	9-3	Phila	Estimate for work on ee distillers, and main engines.Y	

KEARSARGE: MACHINERY PLANT: GENERAL.

Number.	Date.	From or To--	Subject.
41018	5/25 6/10	Phila Dept 9640-555	Probable date of completion of work; est. Reports certain items of work (elec) not yet authorized. Y To Phila. Recd items of uncompleted elec work be noted. 6/15. Fwd C&R. Noted. 6/16.
43351	7/8	Phila 581-8	Reports letters on which no action has been taken, principally elec. work. Y&L Ret --- States Bu's actions. 7/14. 388.1
✓ 44474	7/24	Phila 581-8	Probable date of completion; reqt. specific action on battery charging room. 1 To --- Recd return of E.O.'s letter of Jul. 24th. 7/26.
✓ 50310	9/28 10/6	Phila C&R 10386-E/956	C&R survey: submits revised estimates in connection with magazine and shell storage. Y Fwd Dept. 10/13.
✓ 51419	10/19	Dept	Date of complet on repairs fixed Mch. 15th; fwd report from Phila re status of work. Ret --- 10/26.
57694	1/2	Phila 581-474-7	Reqt. increase in allotment covering misc. job orders. Y To --- Addtl \$5000 allotted. 1/5.
58351	1/9 1/11	Phila Dept 581-665	No reason why work cannot be completed Mch. 15th. Y Fwd C&R via Ord. 1/15.

KEARSARGE: MACHY PLANT; 257-8

Number.	Date.	From or To--	Subject.
✓ 60625	1-31	Norf 682 VOID.	& SEVERN: SUBMARINES: LEBANON: gives status of repairs and probable dates of completion.Y Fwd C&R via Ord. Noted. 2/8.
✓ 61619	2-19	Phila 1200-1	By postponing certain job orders to July 1st can save \$16,000 Estv. Reqt. telegraphic instructions. Y-A To---Directs continuation of certain job orders. 2/20.
61825	2-21	Phila 1200-1	Suspension work due to shortage funds: recommends amended instructions re dis-continuing work in dynamo rooms. To---Directs job order 2632 be completed. 2/24.
✓ 62146	2-24	Phila	& DELA WARE; vandyke: reqt. of certain drawings. D To---Fwds Vandykes. 3/7.
✓ 63232	3-8	Phila 1961	Additional estimate for alterations already approved.Y-D
64633	3-23 3-26	Phila Dept	To be placed in second reserve and no stores to be placed on. Y Fwd Dept via Ord, S&A, C&R. Recom. 3228
✓ 65063	3-18	Phila 581-65	Fwds list of equipment under various Bureaus which have been placed on board: will cost \$102,000 to place in full commission: Dept directs remain in reserve until after July 1st.Y Fwd Dept. via Ord, S&A and C&R 4/22.

KEARSARGE: MAIN ENGINES:

19.2

Number.	Date.	From or To--	Subject.
60685	2-6	Phila 581-474-6	Submits revised estimates for overhaul lubricating system. Y To---app'd. 2/13.
78466	9-17	Phila 581-160	Main engines; reqt. vandykes of jacking and hand gear. D. To---fw's 9/25
		1914 1913	
119393	2-13 3-3	CO Phila 581-160	Cylinder head for main engines; estimate. Y Fwd Dept. rec app'd. 3/9 To Phila. app'd. 3/12.
		1915	
197877	8-25	CO	Cylinder covers, main HP engine; reports having panting motion; reqt investigation. Y To---Comments on. 9/2
		1917	
269123	12/22	Battle Ship Force No 1 To (T) Quotes tel to MacB 12-22	Reports starboard high pressure cylinder packing cracked - Y
		Battleship Force No. 1 states arrangement made with Engr	To. Asst. Dir. - NY yard ordered mfg new port and starboard HP cylinder covers and ship to Boston for install between Jan 10th and 2nd. 12-24
		Offer of yard. 12/28	Direct mfg at once starboard and port H P cylinders covers for similar to Kearsarge. 12-24
269646	12/20	CO	Repairs to H P cylinder covers - Y
		12-29	
269744	12-22	Phone Battleship Force One Lt. Holliday	H.P. cylinder covers, port and starboard. Y

257 -- 9 KEARSAGE: MAIN ENGINES:

Number.	Date.	From or To—	Subject.
269123	12-29	SEE OVER	To NY (T) - Arg at once port and starboard H.P. cylinder covers for similar KENTUCKY orderd letter Dec. 15th. Must be Boston for installation between Jan 10th and 22nd. 12-24 Boston - Pwds prints. 1/18.D o Boston - Low Joon for cylinder heads a. xd. Auth to proceed with exp. in accordance. 1-21 NY - ILLINOIS & COUNCIL IN 1, 1924 THE NEW Bost - (No date) cylinder heads fitted on main engine - Y

[illegible]

[illegible]

KEARSARGE; MAIN BOILERS.

Number.	Date.	From or To—	Subject.
387803	1:11	CO	Reports on condition of evaporating plant Y
367955	3-18	SEE CARD 6	
Dept copy of tel. to Boston making yellow copy of ship order. copy to S.O. Norfolk and S&A. 3-18 RB 4:11			To CO- Inform if material received and return copy of ship order. copy to S.O. Norfolk and S&A. 3-18 RB 4:11
tional evaporators 4:14			SO - Submit report of evaporating plant
4:16			received by 308 - Davis Co - tests
To S.O. Boston- Inform when material is received. copy to CO. 4-17			investigates and discusses these
To S.O. Norfolk- Repts that the three evaporators be issued to Machy Div. 4-22			evaporators over Navy standard - 3/5 - D
Shipment order 4:12 RB 4:23			(Cross to 634-1)
Bost (T) ask if ship will be available for 20 working days additional evaporators - 4/12			Bost (T) ask if ship will be available
S&A 7:24			To Boston (T)- Information reated time required install additional evaporator. 4-2
Fwd S&A. 8-13			Bost (T) 20 working days reqd to install additional evaporator - 4/5
Fwd S&A. 7-26 - RB-8:12			Fwd Operations 4/10 RB 4:12
			To S&A- Reqt ship evaporator from Brook to Boston, 4-12
			To Comdt Boston- Shipt of evaporator auth and necessary instructions issued by wire. copy to CO and Bat Force 1 and Bat Div. "A". 4-14
			To Boston (T)- 20 available for installation new evaporator. Bost (T) instructed to ship evaporator to Boston by wire. 4-14
411046	4:9	CO	
CHANGED TO 554- 6			Alterations to antenna entrance insulation main antenna lead to upper deck radio fws. sketches W

MEARSARGE: MAIN BOILERS.

Number.	Date.	From or To—	Subject.
430021	7-7	Fwd Bd I&S	Alterations of boilers. Dp CO 6/10 Battleship Force #1 6/30- Submits recommendations in conn w modification of of boiler brick work in order to improve efficiency- Y RB-11:12 ~~24x123x~~
436774	6:30	CO	Lists job orders which have been cancelled. recommends ~~removes~~ bitumastic in both engine room bilges. 1 Fwd Boston. copy to CO. 8-4
458138	10/29 11/15	CO Phila	Reest completely overhaul all forced draft blowers in fire room - Y Fwd Comdt Phila. copy to Operations and CO. 11-19
520677	10-4	To SC Boston	Evaporators Reest type and capacity to be given Y Boston-10:14 Y To Boston Give instrns 10-20
527 527421	11-5	To Phila	Tubes of Boilers to be cut out, Drums being preserved D. Phila recommends boilers be surveyed and sold. 5:5 To Phila Appve 5/18
527786	11/4	C&R	C. films telep. one conversation in conn with removal of boilers from. D.

KEARSARGE: MAIN BOILERS.

Number.	Date.	From or To--	Subject.	
213220	1-31 p	NY KENTUCKY	& KEARSARGE: evaporator plans; request.	
219567	3-24	Bost	Special fire brick; reqt plans D.	
266429	11-27	C O	KEARSARGE & ILLINOIS Mosher boilers - relative to maintaining stock of boiler tubes at Bost Yd sufficient to retube boilers of one vessel - Y	258-10
248104	9-6	C O	& KENTUCKY & ILLINOIS: Mosher boilers - relative to spare tubes for. Y	258-10
296358	4/6	Bost	KENTUCKY boiler plans - fws - D	
297400	5/4	To Boston	Author. install. of forced lubrication on blowers: Y CO - recommends installation-5/13-Y to Boston, with cancellation of forced lubrication for blower, C-8.	

MEANSARGE; MAIN BOILERS "257" - 10

Number.	Date.	From or To--	Subject.
312081	8/27	Post 7	Evaporator plans and evaporator feed heaters read for - 11D to (T) re shipment of evaporators by ship. from NY for installation. 1/26
312193	8/28	To S&A	Re: Shift of evaporators from NY to Boston of MEANSARGE. 1/26 Boston 9-3 To S&A, Post info re receipt of order 9-3 Shipment order 8-28 in 2-17
367955	10-30	CO	Evap. instal. report on Y&D
✓	1:20:19	Boston	To Boston. Repts re above 11-13
✓	1:31	Row & Davis.	To Post re evaporating & distilling plant 12-5
✓	2:5	Boston	CO reports evaporators operating more satisf. 12-19
✓	2/27	Boston	Row & Davis req interview 1:16:19
✓	3-7	CO	To Row Davis Co. Repts send rep fro interview.
✓	3-10	CO	To Boston- Advise if order is duplicated. 2-18
✓	3-11	CO	Copy to CO
✓	3-13	CO	Row & Davis Co fws report of representatives 2:15 D
✓	3-14	CO	To Row & Davis. Repts shipt new baffles to Norf. 2-21
✓	3-15	CO	To CO- Gives action on letter from Row & Davis. Y To Comdt Boston Installation additi re 2-21
✓	3-16	CO	copies re 100 tube baffles for boiler
✓	3-17	CO	Will apvd reqn for brushed tube boilers be supplied Y

KEARSARGE: MAIN BOILERS.

1912

Number.	Date.	From or To—	Subject.
✓ 71644	6-17	Mosher W.T. Boiler Co	& KENTUCKY: M. YFLOWER: fwds tracings. D
✓ 72276	6-4 6-22	Mosher W.T. Boiler Co Phila.	Boilers: contractors refuse to pay \$80 for refitting man and bond hole plates. D Ret Phila. asks necessity for doing this work. 6/29. 8/7 B Fwd S&A via Dept. with rec. 7/11. RB 7/10 To: B&W Quote Dept instructions 7/16 Ref S&A 7/16 RP 7-26 To Phila. recd measurements. 7/25 Ref S&A 7/25
✓ 72524	7/2	To Phila.	Mosher boilers: forwards prints for deliv. ery to CO. D
✓ 73461	7/13	Phila.	Mosher boilers: request prints. D TO:---fwds prints. 7/19.
✓ 75694	8/7 8/13	Phila. C&R 2742.E-3	Locker for boiler feed testing apparatus; authorized in error under J.E. D Ref-Phila. will be furnished 8/14 RB 8-14
✓ 78069	7	Phila 1660	& KENTUCKY: fire brick for Mosher boilers; reqt. b/p. D To:---fwds 9/18
82798	11/16	To C.O.	MOSHER BOILER, reqt report of performance 612
87323	12/9	Mosher Boiler Co.	1913 Mosher boiler cont 12149, calls for unskilled labor, hoisting, etc. to be furnished by Govt. Services not rendered, submits bills to cover. 612

KEARSARGE: MAIN BOILERS. 257-10

1913

Number.	Date.	From or To—	Subject.	
✓ 94358	3-21 4-5	CO Phila 581-230-6	Evaporators; connect up to run in double effect. D. Fwd Dept. Rec change be disappd. 4/8. R.B. To Phila. disappd. 4/15.	4-12
145474	1-25	To Phila.	Rearrangement of fire brick at back of boiler furnaces; fwd's print with reqt be modified accordingly. D	
154796	5-7 5-12	CO Phila	1610 Tube cleaners for 2" tubes; reqt authority to turn in Y To via Phila-- Appvs; call survey on 5/13	
	7-15	To Phila:	Survey 82/342; re evaporator coils reserved for; appvs repairs to Y	
183455	3-31	Phila	2812 Fwd's print marked to show holes in boiler casings. D	
191576	6-23	To Bost.	Directs struts in lower drums be installed; fwd's print of. YD	
201003	10-3	Phila R	& KENTUCKY; evaporator; plan; reqt. D	
203394	10/24	To Bost	Ask what steps have been taken to install compression struts in lower drums of boilers of. 10/24 Bost castings being made Watertown no delivery 10-30	

KEARSARGE: MAIN BOILERS: ETC.

4✓

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Number.	Date.	From or To--	Subject.	
✓ 42762	7/1	Mosher 328	Boilers: reports progress of work (To replace those turned over to MAYFLOWER. D	
✓ 45224	8/1	Mosher 245	Report of progress on boilers. D	
45225	8/3	Mosher	& MAYFLOWER: submits proposition for changing internal pipes in boiler drums	283-10
✓ 46264	8/11	Mosher 352	KENTUCKY: IL INOIS: fwsd prints showing proposed modification internal feed pipes in boilers. J. To---Appd. 8/17.	
44852	9/16	To S&A	Instructions re payments	283-10
44852	9/18	TO Phila	Reqt. adviseability to making partial payment \$10,000.A	283-10
* 49273	9/21	Phila 587-2	Installation of boilers: states contractors can now be paid 9/10th of money. A-D fwd S&A Recomds. 9/26. B 10- To---cc be applied to cont. 12149.	rs 5/13.
✓ 51378	10/18	TO Phila	Baffle for dry pipe of boilers: fwsd prints showing that installed on MAYFLOWER. D	
✓ 51998	10/24	Phila 581-87-6	Baffle for dry piping in boilers: fwsd estimate. D-Y fwd Dep't. Recd appr. 10/27. R To---appd. 11/1.	

NEARSARGE: MAIN BOILERS: ETC/ 257--10

Number.	Date.	From or To--	Subject.
✓ 52497	11/1	To Phila.	1-1/2" angle stop valve: Mosher order No. 2515. Requests inspection. B II-8
✓ 54447	11/23	Mosher Boiler Co.	Has quantity of firebrick and clay left over from boilers; quotes price and asks if Bureau can use. D To--Advises of action. 11/28. To Phila. Rec. list be verified and reop. to cover be prepared for purchase. 11/28.
			1912
✓ 61945	2-16 2-20	Mosher W.T. Boiler Co Phila. 1659-1	& KENTUCKY: Boiler contracts: did not cover square grate bars; testing apparatus should be omitted at deduction \$15. from D-R Ret Phila. Contrs should furnish grate bars. 2/24.
✓ 64948	3/27	Phila.	Boilers; request prints. D
✓ 65128	4/1	To Mosher	& KENTUCKY: boilers; requests completion of finished tracings be expedited. D To--Asks when tracings will be shipped. 5/14
✓ 69523	5-23	Mosher 373	& KENTUCKY; re furnishing finished tracing. D TO -- Contractors shd furnish? 5-24
✓ 71124	6-13	Mosher 392	& KENTUCKY; have directed contractors to send tracings of boiler fittings. D

KEARSARGE: BOILERS & C.

FILE No.	From or To— (Dated)	Subject.
37414 4/28	Mosher 296-A	Reqd. inspection of grate bars.S Fwd Nbrf. Reast insp.be undertaken; prints Fwd. 5/1. RB 6-1
√ 37490 4/24 4/29	Mosher Co S&A 12149	Fwds bid and correspondence relative to bid covering boilers to be installed on, to re- place those in called on MAYFLOWER.D Set of Statement of facts conc rning con- tract. 5/1.
√ 37865 5/3	Mosher 298-A	& KENTUCKY: Monthly report prog. on boilers.
√ 37859 5/4	S&A	Boilers: fws copy of letter to Mosher Co. relative to delivery of boilers for, to replace those used on MAYFLOWER. D
40047 5/26	Phila 385	Boilers to replace those used on MAYFLOWER: asks date of delivery. To -- Request probable date of del. 6/1.
40124 6/1	Mosher 309	Reports on progress of work on boilers to replace those used for MAYFLOWER.D
40733 6/8	Phila	Fwds correspondence with Mosher Water Tube Boiler Co. rel to date of delivery of boilers to replace those transferred to the MAYFLOWER. D
√ 42460 6/28	Mosher	KEARSARGE: KENTUCKY: MAYFLOWER: ILLINOIS: rel to furnishing tracings of boilers as completed. D to -- Set of cloth prints required for MAYFLOWER. 6/30.



REARJARGE: -- BOILERS & PARTS, SMOKE PIPES, ASH EXPELLERS, FEED WATER HEATERS, ETC.

FILE No. .	From or To— (Dated)	Subject	
28599 2/27	To Phila Yd.	Erection of boilers: Only work to be fur. by Govt. is unskilled labor, hoisting, etc. See also LENTUCEY.	
✓ 32797 3/1	Mosher	& KENTUCKY: Report progress of work on boiler. D	
✓ 33708 3/11	Phila	Reports differences with contractors for boilers as to what portion of work shall be done by them and what assistance shall be furnished by yard. D. To -- Admtl instructions. - Also applies to KENTUCKY & ILLINOIS. To Mosher Co. Copy of letter fwd. 3/14.	
34977 3/29	Mosher 288	& KENTUCKY: fwsd weight sheets of Mosher water tube boilers. D	
✓ 35177 3/31	Mosher	KENTUCKY: report on boilers for March. G.	
35769 4/8	Phila	MAYFLOWER: have issued orders to give asst. to Mosher CoD in transferring boiler material from Rearjarge Yd.	283--10
✓ 35990 4/12	TO Insprs. Mun & Mosher	Do not make special trip for inspection of castings. C BB 4-10 (Fwd Mass. Factory insp. waived. 4/13. BB 4-10 of rolled zinc plates.	
✓ 37401 4/28	Mosher 297	Boilers ordered to replace those given to MAYFLOWER: Reqt. inspection instructions. S To -- instructions. 5/2.	



FILE No.	From or To— (Dated)	Subject.
✓ 28074 12/31	Mosher 242-A	Report of progress of work -- Also KENTUCKY
✓ 28198 12/31	Mosher 245	Gage glass fittings; fws prints; Also KENTUCKY (D) To -- Not appr--Print 4-Y-1E3 fwd 1/11.
✓ 28420 1/6	TO Mosher	AND KENTUCKY; fws report of Board on evaporation tests (D)
✓ 28694 1/9	Mosher 246	AND KENTUCKY; gage cocks for boilers; re polishing bodies of Fwd Mass Bodies need not be polished 1/11. R.B. 1/18
✓ 29217 1/10	C&R 10386.E.804	Re recesses for pumps and removal of air locks Ret C&R. States what satis to BU. 1/21. R.B. 2/2. To Phila Yd Recessing; to be done 2/3 Ret C&R 2/3.
✓ 29299 1/17	Mosher 211	Reqt. to be allowed further payment on contract 12149. Fwd -- for est for work done 1/19. R.B. 1/23. Fwd Dept. Rec. appr 1/24. R.B. appr 2/2. To -- appr 2/4.
✓ 30061 1/26	Mosher	Contract 12149; reqt. authority to begin shipment to Phila. Yard. To Phila Yd. Asks if satis. to ship at once 2/1. To -- shipment auth. 2/4.
✓ 30442 1/30	Mosher 259	AND KENTUCKY; Fws prints of gage glasses & fittings. D To -- appr 2/6. To -- Fwd appr prints 2/11.
✓ 30655 2/1	Mosher 260	AND KENTUCKY; boilers; report progress. D
✓ 30699 2/2	Phila.Yd 113-41	Ready to receive all boilers.D To -- Re shipment 2/4.

KEARSARGE: AUXILIARY MACHINERY.

1917

Number.	Date.	From or To—	Subject.	
255653	10/19	C&R	steamer 1025 substituted for 402.	611-1
265251	12-7	To KEARSARGE	Power Boats - Re discrepancy between BU records and log. Y	611-2
265217	12-8	C & R	Assigns sailing launches C-294 to KEARSARGE. Y	611-2
266233	12-7	NY	Boiler 1640 installed in cutter 1025, KEARSARGE. Y	611-1
266491	12-8	NY	Engine 1176 installed in cutter 1025, KEARSARGE. Y	611-1
287107	3-7	C&R VOID	KEARSARGE - launch C-292 previously assigned SOUTH DAKOTA C-292 to be shipped KEARSARGE. Y	
287107	3-7	C&R	KEARSARGE - launch C-292 previously assigned to diverted to SOUTH DAKOTA - C-292 to be shipped KEARSARGE. Y	611-2
290485	3-14	USS KEARSARGE.	Reports receipt of motor boat 3221 engine 2917. Y.	611-2.
315747	6/11	Phila	Assignments of motor boats to KEARSARGE. H. L. ERSON	611-2
315747	6/7	C&R	Copy of shipment order covering 50 foot motor sailer from Phila to Kearsarge Y	611-2
348796	1/13	Phila	30' L S 297 assigned to KEARSARGE Y	611-2

Number.	Date.	From or To—	Subject.	
388540	1/24	C&R	40' steamer 874 to replace 408 steamer on Bd KEARSARGE Y	1103 611-2
391941	2/4	Boat	Ends report on operation of Roe & Davis evaporators on the KEARSARGE and request instructions relative to installing on KENTUCKY - Y.	258-10
403843	3/2	30 KEARSARGE	Submits report of changes in power boat machinery. Y.	611-2
409911	4/8	C&R	Copy of letter to Boston directing assign 40 ft steamer to KEARSARGE. Y	771
409874	4/8	C&R	Boston directs assign 40 ft steamer to KEARSARGE. Y	611-1
411762	4/17	C&R	40 foot steamer 15039 assigned to KEARSARGE	611-1
417711	5/10	C&R	Tel. Boston auth issue motor boat to KEARSARGE. Y.	611-1
416694	5/1 5/6	30 KEARSARGE Battleship Force #1.	Report of changes in power boat machinery Y.	611-1
427706	5/10	KEARSARGE	Submits report of test in power boats. Y	611-2
552062	3/17	C&R	Copy of let to Phila in connection with retaining boats listed for crane ship #1 Y	611-2

KEARSARGE: AUXILIARY MACHINERY.

1912

Number.	Date.	From or To--	Subject.	
85940	11-18 12-25	CO Phila 581-190-2	Repair piston valve ash hoist engine.Y	
			1913	
87810	1/18	To	Steamer 605, engine 627, steamer log, lists as type E-2, Bu. record shows type G-2,	611--1
98542	5/31	CAR	TENN: will return steamers 1102 to	611--2
117045	2/6	Phila	CC engine 2148 installed in motor sailing launch 1214 assigned to	611--2
118760	2/28	To KEARSARGE	Steam log: steamer #1 is listed as Hull #103; correct no. is 1103.	611-1
#	10-2	To Phila:	Survey #2 Ward G-2 square steamer boiler in steamer 1103 Boiler No. 2053.	
152034	4-10	TO	launch 1214; re number of eng	611-2
153215	4-8 4-19	CO Phila	Repairs to condenser No 1 steamer.Y Ewd Dept--Rec repairs be postponed until after end of present fiscal year. 4/26 RB 4/30 To Phila--Work postponed. 5/1	

KEARSAGE: AUXILIARY MASHINERY. 257 -- 11

Number.	Date.	From or To--	Subject.	
153814	4/28	KEARSAGE	Reqt approval of reqn for G-1 boiler for steamer 605 to replace one condemned	611-1
155001	5/4	KEARSAGE	Reqt permission to renew request for steamer boiler: G-in-C recommends issue of G-1 boiler 1732	611-1
155547	5/20	C&R	Authorizes transfer of 40' steamer 1109 to, to replace 1102	611-1
155549	5/13	CO	Reqt authority to transfer steamer from ~~to~~ ALABAMA to	611-1
155519	5/20	Phila	Reports issue of boiler 1732 for steamer 605	611-1
197233	8/18	CO	1918 Reqt HH engine, new type carburetor for CC engine 2148, or new HH engine	611-2
197876	7-25	CO	Reqt b/p of steam launch engine and boilers	611-3
230419	5/22	KEARSAGE	1917 Engine 1006, boiler 2052, hull 1109; request repairs to boiler.	611-1
242125	8-2	C&R	40' steamer 3217 and motor sailing launch 3221 assigned to KEARSAGE	611-1
242124	8-2	C&R	36' steamer 402 assigned to KEARSAGE.	611-1
246830	7	KEARSAGE	Request engines and boilers for steamers.	611-1
255457	10/9	Bost	& ILLINOIS: reqt Norf issue boilers to take place of 3217 and 3216-will not be ready for delivery until 1948.	611-1

FILE No.	From or To-- (Dated)	Subject.	
30877 2/2	Phila	Boats: reqt auth. to install Ward boiler, G-1 round No. 2005 in launch 629, for: in lieu of #1632	611--1
46257 8/14	C&R	Boats: auth. use cutter 1102 to : to replace 629 at present on MISSISSIPPI	611--1
		1912	
59837 1/27	C&R	Boats: assigns 36' cutter 605 from Phila	611--1
60467 2/5	C&R	BOATS: assigns 40' cutter 1103 from Phila	611--1
79470 9-10 9-27	CO Phila 581-190-6	Repair ash hoist engine.Y	
10/8	To CO VIA Phila. & C-in-C. At. 911.	Survey and Appraisal Afloat Request No. 1 of 10/1--Rtd. for compliance with the Bu's. requirements re all corres. surveys and reqns. involving launch machinery.	
80791 10/21	Phila	Engine 627, installed steamer 605.	611-1
✓ 83762 11-18 11-28	CO Phila 581-190	Ash hoist engine: cast controlling valve for.Y	



FEARSARGE: CONDENSERS: Main, Auxiliary and Dynamo.

FILE No.	From or To— (Dated)	Subject
✓ Phila. regn. 403	2/4 Fwd Dept	Condenser tubes; rec. of award. 1912
✓ 58571 1/12	Phila 1690-8-2	Regt. prints of boiler stop valve and safety valve easing gear.D 1913
178622 2-9	Phila	1916 Estimate for renewing condenser ferrules completing work undertaken by ships force.Y



1918

KEARSAGE: HEATING: VENTILATION AND REFRIGERATION. 257 -- 13

Number.	Date.	From or To	Subject.
✓ 195237	7/31	CO	Box for refrigerating plant; request relief valves. Y Fwd. Bost. Authorized 8/2 RB job order issued 8/17
✓ 244404	7/25	S&A	Fwds survey on meats - states cause of spoiling due to insufficient refrigeration Y To CO (T) Ask if replace parts for ice machine been received. 8/18 CO (R) ice machine parts shipped Norf 8 26 8/25 Fwd S&A 8/25 R B 9/5 Fwd S&A 8/29
✓ 285714	1:18	NY	Req. shipping inspection covering spare parts for Allen Dumas Ice Machine Y Fwd NY via S&A. 1-17 copy to CO and NY Yd.
✓ 562635	5:6	Phila	Request print showing circulating pump ice machine. To NY Phila Fwd. Vandyke 5/11 Phila. 5/23 D To Phila Fwd. Vandykes 5/27

257--13

KEARSARGE: HEATING: VENTILATING: ETC.

Number.	Date.	From or To--	Subject.
41198	6/13	Phila 581-53	Re-arrangement of cold storage spaces: states plans and estimates are being prepared and reqt allotment to cover. D By C&R. Reqt papers be fwd to this Bu. 6/17. R.R. To Asls when plans will be received. 7/24.
42041	6/23	C&R 10386-E-920	Recommendations based on report of Commissary Board, re-arrangement of storage space. D cold Ret---11/3.
45206	8/1	Phila 587-53	Re arrangement of cold storage space: plans will be forwarded early in S pt. Y&D see Asls when Asls will be submitted. R.R. To Asls when plans will be forwarded. 11/3. Fwd Dept. rec a ppr of S.E. work. 11/3. R.R. To Asls when plans will be forwarded. 11/7.
			1912
			1914
135914	10-3	Phila T Adm. Caperton. Y	Reqt authority to replace ice machine cylinder transferred to MINNESOTA by order of To-- Appvd. 10/3
143374	12-21 12-29	CO MINNESOTA Phila	Ice machine: reqt shipment of crank shaft fly wheel from: not required. Y Fwd S&A--Reqt shipment of 1/2 P. 1 2"

KEARSAGE: PROPELLERS AND SHAFTING.

1918

Number.	Date.	From or To—	Subject.	
193416	7/12	C&R	Reports bad condition atbd propeller.Y	
210935	1-8	C&R	Propeller blades bent.Y	
239116	7/18	To Bost	Ask disposition made of spare propeller blades reported at yard. Y Bost (C&R) & GEORGIA 8/28 To—8/29 Bost - 5/6	
995	1/28	Inspr Erie	Request shipping instrns covering outboard couplings for KEARSAGE & KENTUCKY 329	
995	2/6	To Inspr Pitts.	Outboard couplings for KEARSAGE & KENTUCKY states shipt order was issued thru Bur. SEA Sept. 5, 1918.	
995	2/18	Inspr Erie	Inspr Pitts 2/21 Requ shipping instructions outboard couplings for KEARSAGE & KY 629	
995	3/20 3/22	Erie Pitts	Requ shipp instrun for outbd coupling OBS KEARSAGE&KENTUCKY	629

[illegible]

KIMBARK: PIPING.

Number.	Date.	From or To—	Subject.
435854	3/5 3/24	CO Atl Battleship Force	Request install line boxes on salt water lines - install valve on auxiliary steam line, etc - D
✓ 587577	9:23	Phila	1921 Arrangement of piping for crane dynamo plant - two prints - D To Phila Plant assign file 10/28

Kearsarge: PIPING SYSTEMS:

FILE No.	From or To— (Dated)	Subject.
✓ 33659 3/11	C&R 10386-E.912	Drainage: finds revised plan: invites attention to piping under S. E. Cog. Ret. -- Plan satisfactory 3/15.
✓ 52378 10/27	Phila	Steam and exhaust piping for aux. machinery: reqt. prints. D To -- prints fwd. 11/3.
		1912
		1913
91796 2-20 3-3	CO Phila 581-213-6	Repair exhaust piping to and for engines. Y
✓ 98599 5-29	Phila 581-230-6	& KENTUCKY: estimate to connect up steam piping. Y To -- appd. 6/4.
204238 10-30	CO	Reqd new steam coil. Y To Bost -- Auth work. 11/3
405854 1919 3-29	To CO	1919 1919 Alterations under S.E.Cog. concurs in endorsement in disapp'g. Db. copy to Bat Div. "A" and Bat Force 1



KEARSARGE: COAL: ETC.

Number.	Date.	From or To—	Subject.	
54424	11/23	Phila. 581-106	Asks if steam to coal bunkers for fire extinguishers to be installed. Y To--will be omitted. 11/27.	
			1912	
			1913	
			1917	
264417	12-3	To Norf	Coal delivered to KEARSARGE. Reqt identify delivery, if possible. P	623

RECORDED: 1000 NOV 1943: 1000

Number.	Date.	From or To--	Subject.
523946	10:13	C&R	Fwd plans for 250 ton revolving crane.D
533776	12:3	Inspr GE	Request copy of order covering 250 ton revolving crane from Wellman Siever Morgan Co.D Fwd C&R cc Inspr GE- Pitts 12-22 To C&R. Gives instrns 12-23 C&R-12-21-3 To Inspr Pitts 1/6/41
527973	12:31	C&R	Copy of letter to Inspr GE and Pitts stating inspection of crane for mill to be made by Naval Inspr of Crane Construction.D
52462	8:25	C&R	Crane collector reqt fwd plans.D
OVER 52462			To C&R Gives reply 11/9 C&R-copy of action to Phila-11:10-L C&R-Wellman Siever Morgan Co reqt reconsideration of one inch mesh-11:10 Fwd C&R 11/21 C&R- Copy action to Inspr Wellman Siever Morgan 12/3 L Fwd C&R 11/3 RB-11:12-L
52462	10/6	To Phila JOINT	250 ton crane for erection on ship- Gives inform rel R2 Phila-10:18-D C&R 10/28 D. Fwd C&R cc Phila 11/3 To Phila- Reqst location of generator 11/4 Phila- sum estimates. 11/30 L To Phila Estimate to be received 12/14

1921

[illegible]

KEARS RGE: WORK SHOP TOOLS ETC.

1912

Number.	Date.	From or To--	Subject.	
60759	2-6	Phila 581-470-289	States tools on board differ from those called for on allowance. R To---Directs correct allowance. 2/16.	
61826	2/24	To Phila.	Fire tools: proposed changes in handles approved.	716-2
1913				
✓ 100519	6-25	Phila 581-457-6	Engine lathe; re manner of invoicing to ship; will require additional allotment if expended from books of CSK. R Fwd S&A.7/10.	
1914				
126652	6/1 6/5	CO Ord.	Requests necessary work to install optical repair shop, material for which was transferred from PANTHER via MA39.Y Fwd Dept via C&R. rec appr. 6/9. appd To Phila. work appd. 6/20. Ret Ord. 6/20.	
✓ 132043	8-11	Phila	Reqd instructions re installing optical lathe; originally purchased for PANTHER.Y To---Instructions. 8/18. Phila lathe operates at 120 volts; ships voltage 80; reqd instructions 9-27 To Cin Elec Tool Co--- Req information. 10/3 To MMH Co--- Req information. 10/3 Phila. recn. 595; tool makers lathe for PANTHER will be used on KEARSARGE.R PANTHER not required	
Cin Tool Co. shipt made 9-19: motor wound 120 volts 10-5 MA39 10-23 Fwd S&A--10/26 To Phila-- Instructions. 10/26 Fwd S&A-- 12/18				
132449	8/17	To S&A		

KEARSARGE: WORK SHOP TOOLS. 257-18

Number.	Date.	From or To—	Subject.
139936	11-18	Phila	Already fitted with wet and dry grinder in optical shop: will cancel order for installing grinder ordered for PANTHER. Y O. J. asks if can use 11-20 PANTHER not required To-- Retain in store. 12/10
✓ 165616	9-11	Co	1915 Reports transferring to ILLINOIS all optical repair equipment. Y
186906	5-3	CO	1912 Request permission to turn in lathe tool. Y To Via Post-- Auth to store. 5/5
493471	5;13	Dept	1920 Fwds copy of advertisement calling for proposals for elec operated lib crane to be installed on KEARSARGE OR KENTUCKY. D
501932	7;14	Dept	18 Proposals covering elec operated lib crane in installation on board KEARSARGE or KENTUCKY will be opened July 15th. D
507252 Phila-1;7	7-24	To E Phila	as Regd list of tools in work shop with statement as to their condition re fwd S. D. Phila-report on tool installation-8;3-D To EO Phila gives inform 2-1/21
523367	10;15	SOL	Fwds copy of contract 3032 with Willman, Sever, Morgan Co for building revolving crane for DNAS

KEARSARGE: PUMPS.

1912

Number.	Date.	From or To—	Subject.
80215	9-20 10-10	CO Phila 581-221	Repair fire and bilge pump.Y
85402	12-9 12-16	CO Phila 581-239	Bilge valve; yoke for.Y
1913			
1920			
532307	11:30	Phila	Modification of boiler compartments and location of pumps-fwds prints showing.B All corres under this number changed over to 257-8. To Phila Plan givd and assgd file no 1/11/21 To EO Phila Fwds cc cont- Vandyke 2/3/21 RE "3-11 To Phila/ Reqt inform re pump 2/15/21 Phila-fwds drawings showing proposed location of dynamo and dynamo condenser room-2:15-D&L

KEARSARGE: VALVES: GENERAL.

Number.	Date.	From or To--	Subject.
✓ 41879	6/21	Phila	Reqt blueprints of suction and overboard discharge valves. D To -- Fwd. M. Inspr. directed to furnish prints direct. 5/24. BB 8-28
✓ 46859	8/18	Phila 2034-91	Reqt. detail plans. D Fwd. Dept. rec. plans be sent Phila. 5/22. BB 8-28 To Phila. Mosher will fwd. 9/2
52497	11/1	To Phila	KEARSARGE: 1-1/2" angle stop valve, Mosher order No. 2515, Reqt. inspr. 257--10
✓ 58571	1/12	Phila 1690-8-2	1912 Reqt. prints of boiler stop and safety valve casing gear. D To --- Vandyke fwd. 1/15.
✓ 60418	2/5	Phila 1695-13	Reqt. vandykes of safety valve casing gear. D To --- Vandykes fwd. 2/6.
78523	8-26 9-17	CO Phila 581-150-6	Valve gags for safety valves. Y TO -- appvd. 10-28
✓ 97834	3-21 5-19	CO Phila 581-151-6	1913 Alter bottom blow valves and replace with Nolia type. Y Fwd. Dept. rec. disapp. 5/24. BB 5-28 To Phila. disappd. 5/28.

19123

NB-0120

[OVER.]

Number.	Date.	From or To—	Subject.
333412	8/8	CO	Request increase in m. c. allotment of \$1500. - RA Fwd S&A 8-14
351498	9-18 9-20	CO Boston	Request authority to turn in evaporator tubs, distiller tubs, etc listed - RA To CO, gives list of spares to be returned to store 9-26
373090	11:26	CO	Req increase in money allotment R Fwd S&A, 12-4
378231	1/8	To CO	fwd allow book CO - fws elec allowance - RA 2/4
To CO - Fws two copies appvd lists elec for revision of. 2-25			To CO - Elec list appvd with modifications. 2-17
To Boston - ditto. 2-25			To Boston - Repts reply to 2-25th. 6-28 RB 7/3
392067	2/5	CO	Request increase in money allotment covering issues - RA Fwd S&A. 2-11
393341	2-11	To CO	Fws approved allow list as amended. RA To Supply Officer KEARSAGE Fws appvd copy allow list. 2-15 RB 2:24 To Boston - fws two copies appvd lists. 2-15 RB 3:20:19

KEARSARGE : ALLOWANCES.

Number.	Date.	From or To--	Subject.	
409116	4-9	Fwd S&A	Bur recommends addtl money allotment under title "C" of \$1,000. for 4th quarter 1919-Y	
411838	4:15	CO	Req. copy of radio allowance list R	
425058	7:16	CO	Request increase in money allotment of \$1000.-Y Fwd CO. 7-26	
438587	8:8	CO	Request increase in quarterly allotment of one thousand dollars.-Y Fwd S&A. 8-11	
458519	11/17	A. I. Hearne [11]	Request copy of letter to Phila defining allowance coks for - Y.	258-8
508401	7:23 7:28	Phila Dept	Ask Request authority to place charges for care and preservation to special allotment under appropriation increase in navy, construction and machy.-Y Fwd Coast. 8-4	
517458	9:10	Phila	Dept-copy of action to Phila-8:17-Y Ask if old allowance to stand after vessel changed to crane ship.-Y To SD Phila Gives in form 9-13	

KEARSAGE: ALLOWANCE.

1515

Number.	Date.	From or To—	Subject.
162558	7/29	CO	Fwds new elec allowance.R To - changes recommended - lights etc. 8-23
186269	4-27	COP	Request permission to transfer tools from title B to A. R To Via S&A— Appvs transfer 5/2 RB 5/4 Fwd S&A— 5/5
186286	4-27	CO	Request authority to turn in ask buckets on allowance.R. To— Appvs 5/1
191081	6/16	CO	Reqt print of wiring diagram, invoiced under title B with boat engine. be trans- ferred to title X.R To via S&A— Should not be carried under any title. 6/23 RB 6/27 Fwd S&A— 6/29 RB 7/5 To— Should be under title B. 7/8
210192	1/6	To CO	Gives amendment to allow books. R
213483	2-2	CO	Request list.E To— Fwds allow book. 2/6
215491	2-19	CO	Request certain technical books to replace old editions on board.R Fwd Navgn 2/23

N. S. E. 257 -- 21 : ALLOWANCES

Number.	Date.	From or To	Subject.	
260962	11-17	To CO	Preparation of allowance. Directs preapre based on that of KENTUCKY. R	
		To Return list appved subject to corrections in red. 1-4	To- Repts reply to letter of Nov. 16th. CO fnds books 12-26	12-15
265793	12-8	To KEARSARGE ILLIN. and KENTUCKY	Recommendation in regard to spare tubes Reqt rec re changes in allow necessary to carry. R	603
268803	12-19	C O	& KENTUCKY & ILLINOIS. recommendations relative to spare parts for blowers.	238-21
✓ 275160	1/17	CO	Reports receipt of 12 inch signalling searchlight-illuminator set has been turned in. R to- turn into store. 1-26 CE 1-28	
278333	1-10	NY	Requests all material be diverted to Boston yard R.	
278833	1-31	CO	Requests new allowance book. R. to- turn into store. 1-26 CE 1-28 fnds allowance books - R	
306822	5/13	CO	Request increase of \$1000 in SE title C allotment - R FWI 5-16-5-16	
316041	6-14	To C O	Re change in S E Elec Allow—Fans. LR	
320466	7-1	To C O	Amending S E Allow. charges	

KEARSARGE: ALLOWANCE:

1912

Number.	Date.	From or To--	Subject.
60988	2-9	Phila 581-474-5	Reqt. motor generator for wireless be placed. To---via S&A. Amended. 2/13. To---via S&A. Commissions. 2/13. B 2-20
60990	2-9	Phila 581-474-6	Reqt. glasses and lubricators for generators be eliminated. R
60759	2/16	To Phila	Directs correct list regarding power tools. 257-1F
61943	2-17	Phila 581-474-6	Reqt. information re condenser, evaporator, and distiller tubes, gauges, etc. on R Ret---amended. 2/27. To---via S&A. Amendments. 3/4.
62207	2-27	Phila	Reqt. authority to add non-reversible drill. R To---via S&A. directs amendment. 2/29.
63048	3-4	Phila 581-471-5	Recommends correction of armatures for motors for driving tools; also spare parts for same. R Ret---via C&R and S&A. Amendments. 3/8. To---via S&A. Directs amendments. 3/15. R B 4-4
65552	4-4	Phila 581-474-6	Recommends omitting soot hose. R To---via S&A. appd. 4/6.
66194	4-11	Phila	Chests for turpentine and kerosene; asks if will be supplied; requests and under To---via S&A. Instructions. 4/17. R

KEARSARGE: ALLOWANCE: 257-21

Number.	Date.	From or To-	Subject.	
70098	5-4 5-25	Phila S&A 106581	Fwds list of shortages in outfit.R Ret S&A.6/1.	
76510	8/23	Dept	Directs steps be taken to assure prompt payment and release all items and stores in equipment intended for vessels recently commissioned. applies especially to	604
79895	9-27 10-2	CO Dept	Reqt. full money allotment for quarter Oct. 1st. to Dec. 1st. R. Fwd Ord. Rec full allotment be allowed. 10/12.	
87850	1-13 1-16	CO S&A	1913 Reqt. addition of wire, push buttons, elec items. R. Fwd Phila via S&A. Additions. 1/21. RB 1	
✓ 97585	5-16	CO	Recommends number of magazine lights be reduced. R. To Phila. change. 6/2. RB 6-13	
116394	2/18	CO	Fwds allowance. R To --- revised and approved. 3/19.	
159259	6-30	To CO.	Electrical lists; submit recommendations for revision. R	
162581 VOID	8/4	CO	Reqt portable blower be added to allowance list. R	

KEARSARGE: ALLOWANCES:

FILE No.	From or To— (Dated)	Subject
✓ 31246 2/8	Phila GSK	Re t return of.R Ret -- Returned; reqst be revised 2/15.
31468 2/10	Phila.	Allowance list. R. To -- Appendix returned apprd 2/21.
✓ 32994 3/3	Phila GSK 113581	Fwds allowance list.R.
✓ 43785 7/15	Phila GSK	Recommends change in allowance covering search- lights. R To S&A, Phila, C.O. Changed made. 7/25.
55552 12/8	Phila.	List: states unless received at early date will delay assembling of outfit. R Ret-Directs submit revised, for approval. 12/9.
56290 12/14	Phila.	Fwds copy of revised allowance lists for approval. R Ret via S&A-Appd. 12/18.
56423 1/13	Phila 581-474-5	Covering elec. spares; fwds. R to -- returned corrected; directs copies be corrected. 1/20. RR 2-21
✓ 59952 1/29	Phila	Books and blanks; rect. Bu. supply. R Ret---Directs purchase. 2/1.



FEARSARGE: GAGES.

Number.	Date.	From or To—	Subject.
75953	7/31 8/14	CO Phila 581-150-6	Requests boilerage glass gratings be shifted in order that glasses may be more readily removed. Fwd Dept. recast appr. 8/19. RB 8-22 To Phila. approved 8/22
			1913
			1917
Reqn 231	1/2	To CO via Bost	Reqn for low pressure gages held pending receipt of info as to what intended for. R
336805	8-8	CO	Request install thermometer in cold storage plant. - Y To Boston. Installation approved. 8-16

KELLSARGE: RECORD OF WORK

1916

2

Number.	Date.	From or To—	Subject.
321044	5-20	Norf	July 13, 1917 to Jan 1, 1918. Y
363141	10/24	Bost	8/20 to 10/16 - Y
409116	4:5	CO	Req. increase in money allotment Y
450367	10-1	CO PROMETHEUS	Quarter ending 6/30. Y
497963	6:4	Boston	Summary of work August 20, 1918 to Oct. 16, 1918.

KEARSARGE: RECORD OF WORK.

1913

Number.	Date.	From or To—	Subject.
101376	6-30	Phila	Oct. 16/12 to June 28. Y
✓ 106734	9-29	Phila	Oct 16-12 to Sept. 30-13. Y
		1914	
✓ 115221	1-15	Phila	Quarter end Dec 31.Y
122896	4-18	Phila	Quarter ending March 31.Y
129786	7-11	Phila	Quarter ending June 30. Y
		1915	
144553	1-14	Phila	End Dec 31
152300	4-12	Phila	End Mch 31
✓ 167012	9/29	Phila	Mar. 31 to July 1. Y
172589	11-30	Bost	Period Nov 30
		1916	
175542	1-6	Phila	Sept 2 to Spt 17
175525	1-5	Phila	Sept 2 to Sept 17

MEMORANDUM: RECORD OF WORK. 257 - 25

Number.	Date.	From or To—	Subject.
✓ 241007	7/26	Norfolk	May 26th to July 13th Y
259005	11/5	Bost	April 6/16 to July 15/16 - Y
277206	1-25	Boston	Jan. 8 to Jan. 23
278890	1-31	Boston.	Jan. 8 to Jan. 23.
✓ 281717	2-12	Norfolk.	July 13 to Jan. 1. Y.
297888	4/12	Bost	1/8 to 1/23 - Y
✓ 308376	5/8	Bost	4/16 to 5/8 - Y
1 31350	5-5	Boston	April 16th to May 5th to Bost. report of a ... 6-7 Boston 6-26

Number.	Date.	From or To—	Subject.
493599	10/3/19	CO 21	Engine parts and coal bucket - Y
493598	10/29/19	CO 20	Various material - Y

Number.	Date.	From or To—	Subject.
✓ 654252	12/22	To Phila	Type C A E 321-Buzzer Instruction Sets— reqsts Inform as to number in store W Phila 1/5 W
✓ 654395	12/23	To NYds- Boston NY Phila- Washn and -ork	Radio mat neccy for issue to vessels prior to departure for winter maneuvers W B31/9/23W Norf 12/27 T Rqsts inform regarding issue of radio material to ships. W Boston 12/27 T 100 tubes due from Wash. W NY 12/27 T Lists radio apparatus required for destroyer W Phila 12/27 T will deliver material as soon as possible W Hamp Rds 12/28 T. All radio matl necessary in store or ordered W
OVER			
✓ 654399	12/23	To CO's listed- C-I-S Battle Fleet and comdr scouting fleet	Battleships- instln of radio apparatus W
✓ 655021	12/26	Wash.	Model TM 100 Watt set. Fwds drawings and report on W

APPARATUS RADIO

01922

Number.	Date.	From or To—	Subject.
655185	12/22	C.T. Rothrock	Asks if can obtain radio apparatus from stations placed out of commission at Great Lakes W To C T Rothrock - Gives Inform 12/30
654396	12/27	To Washn	Reqsts instruction booklets on listed types of radio apparatus be fwded to Bu. W RB 1/8/23 W
654395	FROM OVER		Atl Train 12/30 T. request washington be directed to fwd six batteries W To Des Squad 9 (T) unable supply units 12/28 To Boston (T) status of batteries 12/28 To NY (T) amplifiers not available 12/28 To Phila (T) gives inform rel obtaining of batteries and gaskets 12/29 To S&A Reqst shipment of batteries from Washn to CO 1817 1/2/23 Boston 1/3 Gives name plate data. W To S&A Reqst shipment of mat from Norf to CO 1984 1/22/23

APPARATUS RADIO

JAN 1

539

FILE No.	From or To— (Dated)	Subject.
654077	12/18 Wash	Fwds various vandykes W
653751	12/19 To General Elec Co	Representative to be sent to Atlantic Fleet during coming winter maneuvers- reqsts inform rel W
		To Navign via Operns- Gives instrns rel passage to vessel 12/27
		CE Co 12/27 Asks for satis for Mr. Pr est to spend two or three weeks on UTAH W
		Fwds C-I-C 12/29
		To CE Co- Gives comments 12/30
		To Navign and C-I-N U S Fleet- CO UTAH- Gives action plan 12/30
		To Navign - gives inform rel expense cc U S Fleet- CO 'S UTAH MARYLAND 1/3/23
653632	12/20 To Dubilier Cond and Radio Corp	reqsts plans on all condensers used by navy W

APPARATUS RADIO

1922

654462	12/17	S Hahn	Rqsts fwd circulars on radio. Fwds check for \$1.00 L To S Hahn- Gives inform rel publications 1/6/23
654565	12/21	Phila	Rqsts copy of preliminary instructions for instln of type SE 1822 Uniwave key W
654555	12/21	C.D. Tuska Co	Fwds catalog on Radio apparatus W To C D Tuska Co - Rqsts inform rel mat. 12/28
654134	12/22	To State, War and Navy Bldgs	Recg set and loud speaker installed in Army Temporary bldg #1- damage to- reqsts inform W 1/6/23 RB 1/3/23 W fwd's Washn 1/6/23 RB 1/11/23 W
654135	12/22	To Bu Standards	Article entitled "A" new non-interfering "Detecolor" - W S

APPARATUS RADIO

1922

337

[illegible]

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
653290	12/8	C Bracht	Repts. fwd books on Radio W To C Bracht— Fwds inform 12/20
653407	12/7	M.I.	Fwds prints rel to Steel Versus Bronze clearing line for submarine antenna supports W
653463	12/13	NY	Vandyke of drawing No. RW 50A 409A be fwd. W
653479	12/11	W.T. Bess	Asks date of expiration ~~of date~~ of time of receiving bids on radio apparatus W To W T Bess— Gives inform 1/23 Fwds S&A 12/23

Number.	Date.	From or To—	Subject.
651877	11/29	A. J. Denenea	ask if bureau has any radio apparatus for sale W To A J Denenea- cannot supply tubes 12/7
651763	12/2	To CO Anacostia	Assignment of designation letter in Communication System of numbering radio Com- plans W
652260	12/4	Washington	Fvds instructions for shore station receiving equipment W
652486	12/6	Ports	Repts wiring diagram of coil antenna transfer switch and antenna capacity switch be submitted W To Ports Fvds switch 12/16

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
652511	12/1 12/5	Navy Supply Depot S&A	Reqs prints showing type number, drawing number and description of radio matl To O-1-C brook- will distribute copies of Bulletin W 12/15
652697	12/7	Bu Standards	Conference will be held Jan. 5 covering radio standardization. Fwds agenda of W

Number.	Date.	From or To--	Subject.
633703		END FROM CARD 321	Fischer Machine Co 11/20 - information will be furnished W To F B Berry Co- Gives inform 11/25 To Fischer Machine Co- Gives action taken 11/25 To John Firth Co- Gives action taken 11/25 Fischer Radio Co- 11/25 design information was furnished by G. Speaker. Fwds Washington 12/6 12/20/22 W To W F Fischer Co- Request Inform 12/26 Will report at Yard Dec. 29 W JAG 1/10 Fwds report on investigation and activities of Jas. Speaker and L. C. Butts. X 635-3 Fwds JAG 1/23/23
650484	11/21	Washn	Fwds photographs showing external views of Arlington towers W <u>X</u>

1922

Number.	Date.	From or To—	Subject.
649944	11/21	To Hon sec of commerce (Actg sec. Sig)	Reqs depts be furnished with an advance of of the matter to be published on "Directive" Radio transmission W Dept Commerce 12/4 W
651440	11/24	<u>Radio World</u>	Reqs De artment sentiment regarding 1922 Xmas and its relation to Radio W
651506	no date	J.M. Borin	Reqs data on oilless teleg. W
		CANCELLED- see 620 249- 676	
651821	11/27	Pensacola	Letter request #54- request instructions for aircraft radio equipment be furnished W. re: purchasing books 12/9 action taken To Pensacola- unable to furnish books 1/3/23

APPARATUS: RADIO

1922

Number.	Date.	From or To—	Subject.
648901	11/11	To NY	Reqs to be furnished with copies of instruction book. W NY 11/16 Fwds instructions books W
649411	11/9	M.I.	Report covering radio apparatus removed from GEORGIA RHODE ISLAND and NEBRASKA W
649458	11/3 11/13	E Talley Dept Commerce	Ask if Bureau has radio apparatus for sale W To S&A- Fwds corres. 11/20 To Edward Talley- Gives action taken 11/16
649716	11/13	Metal Thermit Corp.	Reqs conference with Dr. Hayes W To Mr W H Hanneman- gives action 11/18
649714	11/14	Atl Battleship Force	In conn with precautions of theft of radio material W

1922

Number.	Date.	From or To--	Subject.
649106	11/15	To Fleets <i>15-26</i>	COLORADO and WEST VIRGINIA- Fwds Plans W
649107	11/15	To NY	Requests tracing forms be furnished W N.Y.- Transmitter shipment to Washington 11/17. W 11/27. W.
649418	11/17	To Atl-Pac.-Asiatic Fleets	Radio publications for various vessels- fwdn list of W 11/17. Circular- 11/12 W CO CHILDS 12/8 Rqsts radio publication list be furnished W CO SHARKEY 12/9 Rqsts radio publications listed W CO REID 12/14 Request radio publications list be furnished W To CO- Fwds instr books 12/22/23 To CO- Fwds cc pamphlets 1/15/23
		To CO- Fwds plans 1/17/23	
		To S&A Rqst shipment of books from Wash to CO 1954 1/18/23	
		To S&A Rqst shipment of equip from Wash to CO 1953 1/18	
649971	11/18	To H G Spair	Gives list of radio stations call letter power of transmitter, authd working wave etc. W

Number.	Date.	From or To—	Subject.
648803	11/6	F.J. Lamb	Requests opportunity to submit bids on Navy ~~requirements~~ ~~to Wagon~~ ~~author~~ ~~to~~ submit sample of mat. 11/21 ~~To P H Prattain—~~ Requests sample of mat be ~~submitted for test~~ ~~cc Washn~~ 11/21
648890	11/5	A Tarpey	Requests information rel to construction of ~~radio set W~~ ~~to Andrew Tarpey—~~ Gives inform W 11/11
648904	11/6	J.D. Macquod	Requests regulations covering establishment ~~of ammeter radio set W~~ ~~To J D Macquod—~~ Gives inform 11/11
648621	11/9	To Co Anacostia	Transmitting literature on radio subjects— ~~Edw's pamphlets W~~

1922

Number.	Date.	From or To—	Subject.
648622	11/9	To Washington	Transmitting literature on radio subjects— fwd's pamphlet W
649174	11/9	Washington	fwd's report on test to determine a satisfactory arrangement and location of equipment to increase efficiency at Navy Dept. W
648372	11/10	To S&A	Request to purchase radio equipment fwd's corres. W
648625	11/10	To Bu Standards	Transmitting literature on radio— fwd's pamphlet W
649237	5/22	No Source	Submits list of confidential publications issued by or for Bureau Engineering W

Number.	Date.	From or To—	Subject.
648372	11/2	A Harris	Request price list on Government radio supplies To Alfred Harris— Gives Action taken 11/8
✓ 647 116	11/3	To Hon sec of Agr/ Actg. sec Sig	Does not desire to take part in any stock selling or promotion scheme - makes no comment gives inform W.
✓ 648468	10/27	Pacf. Destroy	Copy of letter to San Diego giving general policies rel to care and preservation of radio apparatus on decommissioned destroyers. W.
✓ 648086	11/7	To Comdr MI 9 Dist- rug Snd	Quarterly reports of mat. conditions, progress of work, personnel and expenditures involved etc.- Requests report be submitted W 9th District 11/11 W P.S. 11/23 W

APPARATUS RADIO

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Number.	Date.	From or To—	Subject.
648666	11/6	Bureau Standard Lab	Reis report of meeting international scientific telegraphy held at Brussels July 24. W
653336	FROM CARD 321		Frisco 11/8 T. W Frisco 11/9 T. W 14th District 11/8 30 mts status of radio project on front mine layers W Phila 11/20 Radio room installation of DC motor buzzer. Reis of Phila W To F H— gives status of mat.— cc CO's BURNS) LODLOW W 12/12 Cavite-(T)—Ask when plans and specifications and apprs will be delivered; gives completion percentage. 1/30/23. W.

Number.	Date.	From or To—	Subject.
✓ 646675	10/28	To Washington	Radio Research problems cancellation of work on- Gives list of problems to be stricken from list W
646676	10/28	To CO Anacostia	Radio and sound research problems- cancellation of work on- Re sts listed problems be stricken from list W
646677	10/28	To Bu Standards	Gives list of sound research problems to be stricken from list W
646905	10/28	To C-I-C Atl-Pac. Asia. Fleets	Type CAM 321 buzzer instruction sets- stock of- cwsd Inform W Atl. Fleet Circ. 11/1 W CO PROTEUS 11/8 W CO FLOIDA 11/8 W CO BLAZE 11/9 W To S&A Regt. shipment of buzzer from Washn to CO 1491 11/15 RE 12/8 W To S&A Regt. shipment of buzzer from Washn to CO 1500 11/17 To CO- Gives action 11/21 To CO-- Disappvd 11/24

Number.	Date.	From or To—	Subject.
✓ 647883	10/27	K Banning	Fwds galley proof of article by Cmdr. Hooper. W
647358	11/2	To Pug Snd	Reqsts vandyke be fwded W 11/14 Fwds drawings W To Pug Snd - - - gives inform 12/8
✓ 648199	11/3	Washington 1047	Fwds prints and report of test to determine satisf arrangement and location of eqt to increase efficiency of reception at Navy Dept. W
✓ 648241	11/2	Washington	Fwds prints of anode bushing and cathode W

Number.	Date.	From or To—	Subject.
643578	10/19	To O-I-C Radiomen-in-charge and personnel of all shore radio stations	accidents to personnel of shore radio stations due to electric shocks— quotes -- Fatal accident at Guam W Norf- Subm estimates- 10/31.7 Eureka station- request danger signs be made for Eureka Sta. -- request advise action taken 11/14 W To Norf- Request estimates 12/13 Norf 12/22 Request allot of \$225 needed for transformers at Norf Sta W & Norf. NY 1/5/23 Request action W To Norf Allotment made co Yds & Docks 1/10 Request be furnished with vandyke of listed drawings W Ports- Fwds various p ints. 11/2 W. To Ports- Submarines S9 to 13- radio telegraph install on- comments. Fwds plans 11/14
645510	10/20	To Ports	
646285	10/23	To S&A 1362	Request shipment of buzzers from NY to SO Boston W
647114	9/13	R.W. Boyle	Ask if bureau has motor generator and transformers for sale W To S&A- Submits Recommendation 10/28 To R.W. Boyle- Gives instrns 10/28 R.W. Boyle 11/8 Request assistance in securing machines W

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Number.	Date.	From or To—	Subject.
646203	10/26	To Washington	Design problems cancellation of desired
646281	10/26	To 9 Dist	Numbering of monthly radio reports— gives instructions W
646904	10/27	To Washn	Radio research problem 135 wave change indicator—gives action W— Washn 11/9 W

Number.	Date.	From or To—	Subject.
617603		from card 306	Fwds Washington Claims by T F Wellten for certain suggestions W 10/6 1210/14
644556	10/3	Albert Harvey	Ask price of certain radio material. W to A Harvey - gives inform 1/10. to Bd SAA fwds cc of letter from A Harvey 10/11

1922

Number.	Date.	From or To—	Subject.
644199	11/0/9	To S&A	Request to purchase radio app. rwdz co of letter recd from L S Ayers 9/29 W To L S Ayers and Co gives Inform 1/9
644404	10/12	To The C.D. Tuska Co.	Suggests sample of equipmt to be placed on approved list to C D Tuska Co- Gives Inform 10/28
645864	10/15	Railway Commercial Tele. Institute	Asks price on second hand quenched spark transmitter. to S&A- rwdz letter from Railway and comm. tel. to 10/21 to Railway Comm tele. institute- gives action taken 10/21
645127	10/16	St. Paul. CANCELLLED- Sent to Comdr. Taylor, Anacostia.	Request report on Bureau's experience with Valley Radio Co. W

Number.	Date.	From or To—	Subject.
633380	from card 320		To S&A Request shipment of transmitter from Washn to Turkish Waters 1157 9/28 To Turkish Waters Gives Action 10/4 To Turkish Waters- fwd's copies instrns for instrn 10/21
643621	9/30	Western Elec Co	Wds. jack & plug for use with radio apparatus .W to Washn- Gives action taken 10/6 as instrn. Subm re S&A 10/17 to Western Elec Co- Submits recoman 11/7
643702	9/23	Hon. E. D. Ricketts	Request data on subject of electrical Engineering for L. Hooper. W.

1922

Number.	Date.	From or To.	Subject.
✓ 6437 ²	10/2	To Hon Edwin Ricketts	Fwds cc letter written to constituent. Mr Hooper forwarding publications avail- able for free distribution by bureau To Lash Hooper. Fwds publications available for free distribution by Bu 10/2
✓ 644079	10/4	Jno. Firth & Co.	Can deliver 301bt capacity bridges, at once. W. To J. Firth- Gives action taken 12/22 J. Firth 12/23 W
✓ 644199	9/29 10/5	L. J. Ayres & Co. Dept of Commerce	Ask if can purchase Broad casting outfit from Navy.
✓ 644404	10/5	C. D. Tusca	Fwds catalog covering radio apparatus which Co. manufactures. Tusca Co. As they are ships' samples for approval. 10/18

Number.	Date.	From or To—	Subject.
633336	from card	327- 322	To Phila (T) Buzzers not to be installed W 11/23 To Phila- Estimate appvd 11/24 To Phila- Gives inform cc Atl Fleet 11/29 To NY Fwds prints 12/4 To S&A Request shipment of Insulators from Brook to S. I. H 12/7 Ports 12/22 Fwds monthly radio report W To H. Fwds drawings 12/30 To Phila- Request results of operation be furnished 1/8/23 To S. I. H. 1/11

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
654983	12/26	Inglewood 3tn.	Fwds monthly radio and sound report W
654627	12/23	Norr	Fwds special report on new method on simultaneously increasing output of arc transmitters and eliminating short wave harmonics and must by use of a current transmitting filter circuit W 824

APPARATUS: RADIO

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Number.	Date.	From or To—	Subject.
641628	9/19	To John Birch Co	Ask price of Electrostatic Voltmeters desires to obtain a number of same W Jno. Birch 9/20 W.
642198	9/20	Experimental Publishing Co.	Ask if can purchase Submarine Chaser radio sets To Bd Survey Appraisal And S Fwds cc Bu let 9/22 for inform 9/23 To Robert T. LaSault- Navy has for sale numerous submarine chaser radio sets- gives inform rel W 9/23
633336 66 76	from card 322	327-A	To Ports Estimate appvd W 9/20 To NY- Estimates appvd 9/21 To Eng Snd- estimates appvd with comment 9/21 To Phila Estimates appvd 9/21 To -ori Estimates appvd 9/21 To MI Estimates appvd 9/21 To Boston Estimate appvd 9/21 To Boston- no plans or specs are available 9/27 To Phila- status of shipment 9/27 M.I. 9/25 W To SGA Request ship ment of mat fr m Washn To SO Phila 135 9/25 RE 5/23/23 W To Subm estimates To Eng Snd- estimates appvd 10/9 W To Phila- estimates appvd 10/21 To Cavite (T) Request plans of apparatus and specimens covering projects assigned this yard W 10/20 To SGA Request shipment of mat from S Washn To Phila 1360 10/25 To Cavite- plans cc C-I-C Asiatic Fleet 10/31 To Eng Snd- appvd 11/3 To Cavite (T) 11/3 W 11/7 To Eng Snd- Fwds vandykes cc Pac Fleet 11/18

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
642275	9//9	Ports	Request copies of schedules cov various radio apparat. s which yard might be able to manufg. W.
642526	9/22	Washington	Fwd's various radio prints listed. W.
642859	9/25	H. H. Eby Mfg. Co.	Calls attn to binding post which Co. manufactures. W. to H H Eby- Ack receipt of let. 9/25 Thanks for invitation 9/28 H. H. Eby- Mfg. Co.- Request Co's exhibit be examined. 9/29 W.
642860	9/25	Washington	Fwd's photos showing hard and soft cathode carbons for high power arc- hard carbons not satisf. W.

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Number.	Date.	From or To—	Subject.
641073	8/25	Westinghouse E/M Co.	Letter of introduction for Dr. W. H. Eccles a British subject.
641152	9/12	Phila.	Fwd's monthly radio and sound report.
640824	9/15	To Bu standards	Assignment of radio research problem.
638682	FROM CARD 324		Exp. Sta. Copy action to Boston. 9/15 W
	FWD TO CARD 337		Experiment Sta. 9/20 W. Phila. - Request specifications cov resistance box and amplifiers. 9/21 W. 797 Exp. Sta 9/21 Request ballast lamps be furnished. To Phila. - gives action taken 9/25 To Exp Sta - Asks if remodeled 10/13 W Experiment Station - Request coil inductors needed - in last July, second oscillator table up - recommends fifty sets to Columbia University. Columbia Univ. Status of shipment 10/24 To Prof. I. I. Smith - Gives action taken 11/15 Exp. Sta. 11/15 W To Exp Sta - Request shipment of mat. from Phila to 4th dist. 1672 12/7

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Number.	Date.	From or To—	Subject.
633336 6 7	FROM CARD 322		Mare Isl - Subm estimates 9/6 W. 14th Dist - 8/30 W. Phila - Request long wave receiver be furn. 9/21 W Turkish Forces 9/18 Evds reports W Material request information as to Material etc for project 8/28 W Re - 12 Snd - will expedite shipment of mat 10/7 Phila - 11/5 W New York 11/21 Rasts prints and instruction Per filets. W For 11/7 Evds monthly sounding report W Phila 12/9 Rasts instructions covering motor buzzer transmitter installation on TEAL and SANDPIPER
✓ 641896	9/15	Washington	Request auth to mfg arc anode bushings Submits estimate W

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328 ✓

Number.	Date.	From or To	Subject.
618321	8/30	<i>sumcord 309</i> To CO USS IDAHO	Request for vacuum tubes on USS IDAHO W co NEW MEXICO S&A
639643	8/31	To S&A 8994	Repts shipment of radio material from Hamp H&S to Norfolk. W
639924	9/2	To QZ Co	Bu interested in new relay. W co. Ammcastia. General Radio Co. 9/11/22.

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Number.	Date.	From or To—	Subject.
640145	8/31	Hon. I. C. Kline	Request literature on radio be sent to H. V. House. W. To Hon I.C. Kline gives action 9/9 To M V House- has no literature 9/9
639920	9/1	To S&A #100H	Repts shipment of radio matl from Washa to Anacostia. W RB 10/28 W
640056	9/7	To Comit Washington	Fwds vandykes of radio telegraph W
640893	9/8	Washington	Fwds vandykes covering model TM-A0 tube transmitter manufd by K-C.Co. W.

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Number.	Date.	From or To—	Subject.
447110	FROM CARD 240		Ports—Monthly report. 8/16 W
✓ 638682	8/21	Exp. Sta.	Request radio apparatus listed be furn. W.
TO CARD 326		#979	To S&A Rqsts shipment of Radio Matl from
		#978	Boston to Annapolis 8/29 W
		#980	To S&A Rqsts shipment of Radio Matl from
			Phil to Annapolis 8/29 W
✓ 638683	8/21	Exp. Sta.	To S&A Rqsts shipment of Radio Matl from
			Washn to Annapolis 8/29 W
			Request apparatus now at Washington Yard
			be loaned to Experiment Station for test W
			To S&A Rqst shipment of mat from Washn to
			Annapolis 1032 9/8 RB 9/23, W.
✓ 639155	8/24	N.Y.	Fwds copy of article from "Science and
			Invention" rel to publishing article on
			operating of Navy radio shore station
			to Comdt NY. No objection 8/30 W cc Dir Nav
			Communications.

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Number.	Date.	From or To—	Subject.
639310	8/25	N.Y.	Fwds copy of letter from Army Base, Brooklyn for radio blueprints. W. To Sig Section S. Hook-Fwds copy of drawings. 8/31 W. R B 9/8/22. W. To Comdt NY- Fwds drawings 8/31 W fwd sig sec presen 9/22
639342	8/25	Natl Radio Chamber of Commerce	Request description of drawings of vibration tables installed in radio labr Bureau of Standards and Radio Test shop. W. To Comdt Washn- Rmkts bprint 9/2 W To Natl Radio Chamber of Commerce- Rel to use of plans 9/2 W cc Washn Natl Radio Chamber of Commerce- 9/6 W.
639630	8/29 8/29	Hon. H. Sutherland Navigation	Request pamphlets on radio. W. To Hon Howard Sutherland- No publications available 8/30 W
639707	8/29	Washington	Fwds various Radio vandykes. W.
639500	8/31	To Burke Elec Co	Am in need of small alternator for modulation purposes. Has 8 turn speens W cc Wireless Impvt Co Inap Matl. Burke Elec Co. Subm Estimates. 9/14 W To Burke Elec Co- one of motor generators had been loaned by Signal Corps 9/16

Number.	Date.	From or To—	Subject.
636878	8/8	Hutchison Radio Co.	Request opportunity to demonstrate new permanent radio detector. W To Hutchinson Radio Co- Representative will visit factory 8/15 W
636976	8/8	H. E. Miller	Request hand book on radiophone be furn. W. CANCELLED - see 620249-876
636209	9/30	To Standard underground Cable Co	Requests comments on cables cc Standard underground cable Co W 48464 -629 Stand underground Cable Co- Records preservative W
636210	8/12	To Camda yards- Station	Information concerning Naval apparatus not to be imparted outside the Naval Bvt W
636780	8/12	To G-I-C Hamp Rds	Operating instructions for Radio Apparatus fws W Fws prints Hamp Rds 8/15 fws cc booklets 8/29
636784	8/12	To Espr mat NY	Contracts for Radio material in vicinity of New York Requests status of W

1922

Number.	Date.	From or To--	Subject.
✓ 636785	8/12	To Inspr mat Boston	Contracts for radio material in Vicinity of Boston- Request status W To Inspr Boston- Details being taken up with Mfrs. 9/2 W
✓ 637349	8/10	Chasn.	Ask original cost prices and estimates cost of radio apparatus listed. W. Fwds BSA to Chasn 8/17
637631	8/14	Washington	Fwds letter from American Radio Journal requesting lists of Co's called upon to furnish aids for radio apparatus used by Navy. W. Fwds BSA to Washn 8/26
✓ 638059	8/12	D. Moir	Request aid to locate operators who operate a listening device which gives much suffering and torment to his family. W To Duncan Moir- gives inform 8/21 To Med & Surg Fwds carres- 8/22
637952	8/16	To Hon Elliott W Spraul	Re: Data on "range finder" Gives leading manufacturers of radio apparatus. W

APPARATUS RADIO

1922

Number.	Date.	From or To--	Subject.
634878	7/26	Phila.	Gives description of radio instln for various destroyers. W.
634890	7/25	Hammond Labr:	Ask if can obtain radio frequency iron. W. Hammond Labr. Request action 8/3 W
634754	7/25	Norfolk	List radio apparatus available for shipment to Wash. Recommends be disposed of W was SEA 8/3
633336 98	7/26	To Comdts yards- C.I.C. Force Commanders- Comdts Destroyers- O&R card 327	Radio telegraph, Radio and Sound Projects on Naval telegraph fiscal year 1923 ment of numbers W cross 797-604-25 Norfolk 8/18 Submits estimates covg radio & sound projects fiscal year 1923 W Boston 8/18- Subm estimates. W. Phila- Subm estimates in detail. 8/21 W Pug.Sd. 8/17 W Submits estimates. W N.Y. 8/23- subm estimates. W. ports- subm estimates. 8/21 W Pacif. Fleet Circ- Instructions to Fleet. 8/15 W To Mi- Requests reply to let 7/26 9/12 Boston 9/14 W
TO CARD 326			

APPARATUS RADIO

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Number.	Date.	From or To—	Subject.
✓ 635812	6/27	A. D. Cardwell Mfg Corp.	Calls attn to incorporation of business, of A. D. Cardwell. W
✓ 635912	8/2	H. A. Drew	Request be placed on mailing list for various equip. as listed. W. Fwds SEA 8/7
✓ 636205	8/1 8/4	Hon. H. Z. Osborne Dept	Re: to desire of S. J. Flintham to secure radio outfit available at North Island Sta. W To Hon H Z Osborne (Asst Sec Sig) will inform regarding price of 8/9
✓ 636215	8/2	Atl Fleet	Fwds prints of standard radio plans worn out- request be replaced. W. To C-I-C Atl Fleet- Fwds print 8/16
✓ 636420	7/25	Experimental Publ. Co.	Fwds samples of Radio News- asks if Bureau desires sent to all radio operators. W. To C J Wells (Asst Sec Sig) Gives inform 8/9
636682	8/29	To S&A	9220 636682

APPARATUS RADIO

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Number.	Date.	From or To—	Subject.
634189	7/18 7/21	Elk Lodge, Pensacola Capt	Request loan of radio set for use of lodge to create a fund for assistance of sick and disabled soldiers. To J Brandon (Asst Sec Sigs) unable to loan radio set 7/24
633331	7/21	To Bureau	Technical
633336	10/14	To H.I.	Radio and Sound Projects on Nav Vessels for Fiscal Year 1923. W Nov 10/25 Revised estimates W Cavite 11/8 T W
633335	7/21	To Washn	Design Problem No 198— Test of Bradleystat variable resistor— W
633705	7/22	To Washn	Comments on miscellaneous amateur equipment W To Washn, Given Institute 8/4 set 8/14 Recommendations Fletcher transformer be put on approved list of equipment To Fisher Radio Co— sample transformer have been retained cc Washn 11/11 Wash 11/16 Report on test of amateur equip W Request part one of manual of radio telegraphy and telepathy W
634257	6/7	U.S. Naval Institute	
	CANCELLED		
633705	8/15	To Comdt Washn	Test of amateur equipment. W Washn 11/16 Feds report showing voltage amplifiers of CV-1714 transformers. with report of test W To Practical Feature Syndicate— requests comments be not used for advertising purposes cc Washn 11/25

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
625162		From card 315	To Wireless Specialty Apparatus Co-- ral use of company's confidential design of Navy equipment conference W 7/21 Wireless Spec. Appr. Co. Representative will call at Bureau. 7/25 W To Wireless Spec Appr Co- Request for rep- resentative to give inform cc S&A 8/3 Wireless Spec. Appr. Co. Representative will call 8/7 - 8/4 W S&A- 9/20 W. S&A- Request action 9/30 W
634432	7/10 7/24	C. Spiro Mfg Co Aviation	Ask if Navy can use 1/2 KW radio sets which Co. has on hand W To C Spiro Mfg Co- Request inform 7/28 C. Spiro Mfg. Co.- 7/31- subm list of spare parts on hand. W. To C Spiro Mfg Co- can make no practical use of spares 8/18
634669	7/24	Parts	Copy of letter to S&A submitting list of radio apparatus held in used matl acct W to S&A Request shipment of Amplifiers from Parts 8/31 8/31 10/31 W

APPARATUS RADIO

1932

Number.	Date.	From or To--	Subject.
632432	7/11v	H. B. Byrd	Request opportunity to submit sample of radio apparatus for test. To H. B. Byrd 1530-App. to submit sample radio equip. 7/18 W To C. H. n-Roads 1530-App. to submit sample elements of radio equip. 7/31 W
632494	7/11	Fischer Radio Co.	Fwds samples of rheostats and transformers for test. W. Further info 7/18 W Fischer Radio Co. - Fwds transformer. 7/20 W Fischer Radio Co. - request report on test. 9/5 W Fisher Mach Co. - Request report on test. 9/19 W
632511	7/12	Cmdr. S. C. Hooper	Memo of visit by representatives of Federal Trade Commission re: Govts support to Radio Corporation of America and apparent monopoly of this Corp in sale of apparatus. W.
632287	7/13	716 #715	Repts shipment of matl from Washn to #715 W To W. B. Repts shipment of matl from Washn to Cincinnati. 7/14 W

APPARATUS RADIO

Number.	Date.	From or To—	Subject.
633116	7/10	??	Memo regarding "acft" test radio officer W.
633215	7/17	Washn.	Fwds vandykes of test buzzer control switch primary coupling coil and specifications for vacuum tubes. W.
633380	8/20	Turkish Forces	Special report on radio conditions of attachments and recommendations concerning equipt. W.
		card 328	To Turkish Waters: "will issue shipment orders 8/7 cc Opers. To S&A Request shipment of transmitters from Washn to Turkish Waters 9/6 8/26 S&A Copy action to Navy Sup. Depot. 8/29 W Washington lists defects. 9/6 W Fwds instr. action 9/21 W S&A Copy action to Washington 9/25 W S&A Copy action to Washington 9/28 W New York 7/25 Fwds vandykes W New York no date: Fwds vandykes W
633386	7/19	To Court House, York	

4-3381

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
631416	7/2	H/ Sinclair	request book containing names, addresses etc of radio amateurs. W. To H Sinclair- book can be obtained for 25 cents 7/12 W
631386	7/8	To Washington	Requests to be furnished with vandy keas Washn- Fwds transformer prints. 7/13 W
631387	7/8	To GE Co	Ack receipt of publication W
532029	7/5	N. U. Carpenter	Request list of sending and receiving stations on Pacific Coast. W. to J. L. Davis Bank - 1 year information fee price of literature 1.75/12
14834-598	7/6	J. A. Hardy (Auray Bldg)	Eng- Morkrum Radio Control Apparatus.

Number.	Date.	From or To	Subject.
628382	5/19	To Insprr mat NY (T)	Re: arrives NY 20 connection contracts. Wireless in cover of Co - Order Wheeler Co and Western Elec Co - Desirable rep your office accompany reps visit factories 1 listed companies W
629407	5/19 6/22	Insprr Milwaukee S&A	Request leaflet specifications W To Insprr Milwaukee - F'da prints 6/25 W
629725	6/23	A. L. Bailey	Ask if any surplus radio material for sale to ex-officers. To Mr. Arthur L. Bailey - su has no litera- ture on 6/30 W
629735	6/15	Harry E. Niece	Ask if any surplus radio sets for sale. W.
		Cancelled- (sent informally to	Ed Survey & Sale.)

Number.	Date.	From or To—	Subject.
629491	6/15	E.C. Gargani	Request data concerning construction of radio sets To Mr. E.C. Gargani— Impossible to furnish wireless diagram. 6/26 W
629550	6/23	Gen Elec Co	Request specifications W
629926	6/21	Western Elec. Co.	Request loan of small arc: W To E.E. Colpitts— Will furnish inform 6/29
629546	5/28	To Washn	Requests vandykes of listed plans be furn W Washn— fws vandykes. 7/11 W
630854	6/26	Radio-lect	Recommendations specifications for 2 transmitters for battleships be fixed for comment before purchase is made. to Pacific Fleet— will submit equipment 7/10

Number.	Date.	From or To—	Subject.
627859	no date	Pug Sd	Recommendations covg sale of equipment to A.M. Dellar, W 15-11-15
628071	6/17	To Washington	Request for radio reports and drawings L.S.M. - E.S. - readings 6/16
628436	6/15	S&A	Request radio drawings W To Phila - Fwd. Vandyke 6/23
628472	6/15	John Firth Co	Request specifications for relay W To-- gives inform rel plans 6/22

Number.	Date.	From or To—	Subject.
628911	6/16	Willard Storage Battery Co	Request wiring diagram of radio set built for President Harding W To Mr. R. J. Lightin. also impossible to furnish diagram W 6/26
629107	6/19	Washington	Fwds various radio prints W To Washn plans above 7/8 Washn- Fwds vandykes. 7/17 W
629069	6/16	E. H. Armstrong	Fwds paper on super-regenerative circuit W To E. H. Armstrong- ack 6/23 To US Radio Rech Lab Bu Standards- F is description of system 6/26 W
629308	6/17	Legation De Nicaragua	Request description & price of two K W arc sets W Fwds office of Naval Intelligence 6/27

Number.	Date.	From or To—	Subject.
✓ 627196	5/6	H. Heckman	Request data on radio apparatus . W. To H Heckman- Repts inform 5/10
✓ 627195	6/1	Radio Corp	Ask if confidential bulletin of Bureau is still considered confidential. W. To Radio Corp of America- 6/10
✓ 626673	5/8	To Washn	Ass instrument specens W
✓ 626026	6/2	Bur Stand.	Copy of letter to W. Davis fwding circular 120.
✓ 627544	6/6	Pug Sd T	Ask if material is available for ships mentioned in monthly radio reports for July 1921 W To -ug Snd (T) mat not available gives inform rel 6/12

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Number.	Date.	From or To—	Subject.
✓ 627558	6/6	R.A. Harkey ~~Robert A. Harkey~~	Ask if any wireless receiving sets are being sold. W To Rockay A. Harkey— Gives Inform 5/14
7 627226	6/10	To Editor Wireless Age ~~Robert A. Harkey~~	Requests inform re circuit of H Brown ?? Gives address of Jack Greenfield W
627234	6/10	To Washn	Design Problem: Cancellation of
627730	6/7	A. Armstrong ~~Robert A. Harkey~~	Rwds out of mach for winding wire coil springs W

APPARATUS RADIO

1932

Number.	Date.	From or To—	Subject.
625162 see card 321	5/26	To Companies listed ~~rose~~	Heats is preparing rqn for certain new radio apparatus. Heats inform W Jno. Firth & Co. 5/27 Fischer Mach. Co. will make ins. section 6/1.5/27 W Wireless Elec. & Instr. Co. 5/31 W To Wireless Elec. Apparatus Co. rel manufacture of receiver 6/9 To R. F. Co. (T) gives inform 6/9 Wireless Speety Apparatus Co 6/13 Will remove objectional designs from Co's bulletin W
625872	5/29	Burgin-Schenk	To ask prices on excess radio equipt. W. Fwds S&A 6/1 To Burgin & Schenk- disposition of equipment -- gives inform 6/1
625416	5/29	To Western Elec Co	Heats a quotation on 50 resistances of Ohms W Western Elec. Co. 7/10 W.
626084	?	W. Wells	Ask where receiving equipt can be purchased. W To Mr. Webster Wells-Dept has no apparatus of this type 6/5 W
626164	6/1	Communications	Fwds letter from I. R. Barron requesting information on radio sets W To Mr. Lewis R. Barron- No literature on this subject 6/5 W

1922

Number.	Date.	From or To--	Subject.
625560	6/2	To Div 18	Fwds plans listed W
626392	5/25	R. Adams	Request inform on construction of radio set To Roy Adams-- Gives instrns 5/16
626035	6/3	To Insp'r Eng Matl-	Descriptive and instrns liter for radio material for BU Eng- Confidential nature of. W 20 Insp'r Eng Mt.
626862	6/5	Phila. (T)	Request ship 4 sets of instructions for acceptable reflectors on destroyers. W. To Phila- Fwds plans 6/12 To CC's CLARY PILLSBURY J D FORD TRUXTON Fwds plans 6/12
626923	6/6	Phila.	Fwds description of radio instln on various destroyers listed. W.

Number.	Date.	From or To—	Subject.
623043	5/18	To Comate Yards listed	monthly radio and sound report W 8th Dist- Fwds report on radio and sound equipt from Pensacola 7/15 W To Pensacola via Aeronautics- Gives inform 7/28 8th District 12/11 Monthly radio sound report W
624385	5/15	Atl. Fleet	Copy of letter to Control Force and Train fwding forms for admirals inspection of destroyers and battleships radio instn. W.
624756	5/21	<u>G. E. Riordan</u>	Request publications cov use of radio phones. W.
624824	5/19	<u>A. R. Mosler & Co.</u>	Request inform rel to testing wireless outfits. W. To A. R. Mosler-- has no publications for distribution to public 5/26
624946	5/22	Phila.	Copy of letter to Nations and aircraft Factory directing loan or gift of radio material of any kind or condition is forbidden. W.

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
625007	5/23	Hon J.P? Hill	Fwds letter from Standard Supply Co. requesting literature concerning radio. KV. To J P Hill- Gives action taken 5/26 To J C Schussler- Gives inform 5/26
625484	5/23	Atl. Fleet Circ.	Theft of radio material by enlisted men and sale of- instructions cov. H.
624835	5/26	To S&A	Radio apparatus in Use & mat account and apptd purchase account W S&A- Fwds reports from various yards. 7/26 W
625549	5/26	Washn.	Blocking condenser and damping resistor- also instructions for receiving equipmt- fwds prints.W.
626214	6/6	To Wireless Improvement Co	Reqs plans be returned--- transmitting equipment & Fwds plans

APPARATUS: RADIO

1922

Number.	Date.	From or To—	Subject.
622134	5/9	To M B Sleeper	"How to make commercial type radio apparatus" this book is already on sale gives inform rel. Request inform rel obtaining set of apparatus W M. B. Sleeper. Will not publish any information of confidential nature. 5/11 W To E B Sleeper Gen Apparatus co-- Gives inform 5/19
622630	5/9	Washn.	Fwds manufg plans for type SE 1420 receiver. W.
622631	5/9	Washn.	Fwds prints of mica condensers, TC equip etc. W.
622854	5/10	Naval Intelligence	Fwds correspondence with Dept of Justice rel to M. E. Watson and F. O. Simulties charged with larceny of Govt property at Phila. yard.
623043	see card 314		
623405	5/13	Internatl. Corresp. Schools.	Request radio bulletins 5 and 6 be furnished. To E K Roden comments 5/20 To E K Roden rel bulletins 6/1

APPARATUS RADIO

1922

Number.	Date.	From or To	Subject.
623481	5/9	J. Reanley	Ask if can purchase radio apparatus. W. To J Reavley- Gives disposition of mat 5/17
623773	5/13	G. E. Riordan	Request pamphlet cov instln of radio sets. W. To Fwds memo giving general details of radio equipment. 5/30
623739	5/15	Boston	Request copy of "Principles Underlying Communications" be furnished. To Boston-- has no copies of pamphlet 5/20
624140	5/16	Washn.	Fwds various radio prints listed. W.
624179	5/11	J. Haythorne	Request list of pamphlets be furn cov radio apparatus. W.
		CANCELLED- 621276-76	

APPARATUS

RADIO

1922

Number.	Date.	From or To—	Subject.
621795	4/28	Ogden Bliss Radio Co.	Ask if can purchase vacuum tubes and other radio equip ^t . W. To R L Bliss Ogden Bliss Radio Co. Gives inform 5/6
621829	5/3	Dept of Justice Bost	Request assistance in tracing ownership of GE radio receiver 522305 and dynamotor 843680 W. Fwds S&A 5/9
621297	5/4	To Radio Corpn of America	Reqst be supplied with schedules and wave lengths used by Atlantic and Pacific Coast stations of the radio corpn of America cc Bu of Standards W Radio Corpn America Gives wave lengths. 5/5 W Fwds Bu of Standards 5/10 RB 5/12 W
621343	5/4	To R L Polk & Co	has transmitted letter of april 27 to Bu of Navign Dept of Commerce. Corres on Subject listed shld be addressed as listed W
622046	5/4	Radio Corpn of America	Ask if can purchase radio apparatus listed in store at Navy Sup Depot. W To Radio Corpn of America Gives Action taken 5/9 Fwds S&A 5/10

Number.	Date.	From or To—	Subject.
622213	5/6	<u>Dept Commerce</u>	Exds letter from B. J. Repsdorph request- ing inform concerning surplus stock of radio instruments. W. To B. J. Reps-dorph- comments on radio material 5/11
622309	?	??	Long distance radio communication by Dr. Austin- pamphlet cov. W.
622345	5/5	H. F. Yale CANCELLED	Request inform regarding Naval stations for instrns in radio. W.
621865	5/8	To Washn	Exds Advance proof of paper on Mathemati- 746 cal Treatment of Rectification Phenomena W
622136	5/11	To O-I-C Annapolis	Monthly Sound Report- Gives Instrns rel W

19.2

Number.	Date.	From or To--	Subject.
620249		From card 311	To Hon secy of Commerce - '(Sec Sig) - Fwds corres from Senator Walsh w/12/23 (Sec Sig) To Hon T J Walsh - Requests Inform 12/23

[illegible]

Number.	Date.	From or To -	Subject.
✓ 621445	5/1	J. Levin	Ask what radio apparatus bureau has for sale. W.
✓ 621573	5/2	Fischer Mach. Co.	Offers to expedite radio parts being standardized for amateur and broad cast business. W. Fischer Mach. Co. 5/8 Fischer Mach. Co. Representative will call 5/11 5/8 W. Fischer Mach. Co. 6/10 W. Gives instrns 6/19 to Fischer Mach. Co.
✓ 621763	5/1 5/2	J. Levin Communications	Ask what salvage or surplus radio apparatus department has for sale. W. To J. Levin - Gives disposition made of material 5/5
✓ 621764	4/25	J. M. Scamall	Calls attn to opportunity for same naval radio experts to write articles for publication in "Popular Radio". W.

1922

Number.	Date.	From or To--	Subject.
620249	5/3	To Eugene Scullion- D F Dean- M F Bennett R Francis Yates	Fwds copy of certain information and descriptions of radio equipment prepared especially for persons having a limited knowledge of radio apparatus, and issued to all publications desiring copy. Dept reserves all rights W Dr. A. E. Williams- Rqst inform regarding Miller 6 stage amplifier. W Hon. M. A. Michaelson- Request fwd pamphlet to W. E. Bush. 5/1 W. To A E Williams- Impossible to furnish details of amplifier 5/6 To M A Michaelson- Gives action 5/8 To Carl W Buche Gives inform 5/8 To Daniel Davis 6/1 Martin Winn. 6/28 W Cancelled sent to Bureau Standards H. M. Laper. Rqst info rel to radio telephone receivers. W. 8/11 G. Murray- 7/11- request directions for instn of radio status. 7/11 W Wm. J. Nea- Rqst info rel to wiring diagram receiver- and vacuum tube hook up. 7/? W R. E. Miller- request hand book on radiophone be furn. 8/8 W. H. H. Strohhecker - request wiring diagram of tuner. W. 8/15 R. C. Macbeth 8/15 Request pamphlets on trans- mitters W To H H Strohhecker- Fwds cc instrns 8/23 To R C Macbeth- Fwds booklets 8/23 Hon. I. V. McPherson - 10/? W. To Hon I. V. McPherson- Letter fwd 10/14 W. To Dir Bu Standards- Letter fwd 10/14 W. J. H. Borin- Rqst data on wireless telegraphy. W L. H. Blouch- Request book on radio telephony and telegraphy. 11/28 W. To L H Blouch- has no books 12/4 Hon J. W. Pepper 12/11 Rqsts fwd CW Gumbes work on radio KW Hon T. J. Walsh 12/14 Rqsts radio inform be fwd to JM Deschene KW

card 511-A

APPARATUS RADIO

Number.	Date.	From or To—	Subject.
620254	4/27	To Prof L I <u>Lupin</u>	radio and sound <u>a</u> paratus comments W
620585	4/27	To Pug Snd	Fwds tracings of plans listed W
620970	1/32	A. <u>Meola</u>	Request catalog on radio <u>a</u> paratus for sale."
621030	4/30	-I (2)	Request auth to turn over to Federal Rel. 5/2. Fwds 34A 5/2
621249 - on card 311			
621269	4/28	Washm.	Fwds various radio vandykes and drawings. W.

APPARATUS RADIO

1922

Number.	Date.	From or To--	Subject.
621276	4/24	Lt. W.K. Haythorne	Request literature on radio apparatus to Lt. W.K. Haythorne has no literature on radio matters 5/4 W. K. Haythorne. Request list of pamphlets be turn gov radio apparatus. 5/21 Communications. Fwds letter from W. Haythorne requesting radio pamphlets. 5/20 W. To Lt. W. K. Haythorne. Gives inform 5/23 W. Fwds Dir Comms 5/25
47403	4/26	To Ins'r Mat GE	Request inform in connection with des. r. c. 629 tion, operation, care & repair of radio apparatus WS
621340	4/27	O. J. Anderson	Ask if can purchase radio set. W. To O J Anderson. Fwds catalogue of material 5/9
621343	4/27	R. L. Polk & Co.	Request rules and regulations concerning radio instrns. W.
621388	4/20	C. Certel	Request radio pamphlets. W. To Lr. Chas. Certel. Does not issue pamph- lets rpts 5/3

Number.	Date.	From or To--	Subject.
619812	4/20	Communications	This letter from Mr. T. S. Butler enclosing letter from T. D. Henderson requesting information as to radio apparatus available for sale. W. To Hon Thomas S Butler Fwd memorandum prepared by Bu in regard to inform desired rel armatus W 4/24
618321	4/19	To S&A	Radio Telegraph-Request for Modification of instructions relative to the issue and reporting of radio material W S&A Circular- Subm addtl list 4/21 KW CO NEW YORK 6/13 W To S&A Request shipment of tubes from Washn to CO S&A 6/22 RB 3/19 W To S&A- gives inform rel mat listed 7/31 S&A Circ- 8/4 CO DENVER 8/9/22. W S&A- CO IDAHO request 10 vacuum tubes be shipped 8/19 S&A 8/21 Sale of Obsolete radio material Gives list of that can be sold recommends material be placed on sale W To S&A- Requests mtl duplicated be stricken from list 6/3 W
618481	4/22	To S&A	

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
619362	4/22	To Phila 1214	Radio apparatus on ships going out of RB 6/5/22.W commission Request inform rel disposition W Atl. Destroy- Copy action to various destroys. 4/28 W.
619529	4/22	To Washn	Priority of Radio Research Problem assigned to Washn Yard- Gives Acti on taken W
620678	4/24	Hon. M. P. Kinkaid.	Request permits describing radio telephones be mailed to J. H. Gross. W. to M P Kinkaid Fwds memo on subject of radio equipment 4/28
624125	4/24	Hon. C. MacGregor	Was letter from Dr. P. W. Harris in reference to radio apparatus. W. Memo for Commissioner T V O'Connor Shipping Board Gives disposition of equipment 4/28 To Hon C MacGregor (Asst Sec Sig) Gives Action taken 4/27 to C O Buffalo Fwds instruction looks 4/29 Navigation- returns correspondence with recommendations. 5/13 W Fwds Asst Dir 5/10

1922

Number.	Date.	From or To--	Subject.
618677	4/11	G. W. Edmonds	Request copy of instrs gov radio apparatus. KV To Hon G W Edmonds - Gives in time 4/15
615449	FWD FROM CARD 305		To Mr. Wm J. Bruce. Tests are to be conducted on possibilities of siphon recorder 4/15 W W. J. Bruce. Offers to turn magnet type relay. 4/14 To Mr. W. J. Bruce - First; comes he had to Mr. Bruce - Jr. - (T) Will be in Wash. 3/8 To Springfield (T) test monday may 8 4/29 To U.S. Radio Recd Lab Bu Standards - B sta recorder be fwded to Comm office. 5/23 W

APPARATUS

1922

Number.	Date.	From or To—	Subject.
✓ 618734	4/10	W. Gibbon	Request information on wireless. W.
618884	2	C. F. McFadden CANCELLED	Request price on telephone and vacuum tubes. W.
✓ 618485	4/17	To SO Phila via	Shipment of Radio material Gives Action taken cc Aircraft Pac W S&A- 6/1 W.
619292	4/13	Hon. E. D. Ricketts-	Request printed matter on radio. K7. To Edwin D Ricketts. Fwds article on amateur radio apparatus W 4/24
✓ 619310	4/13	Hon B. L. French	Request radio literature. K7. To Hon Burton L French- Fwds short article on Amateur Radio apparatus and a book "Ho- bison's Manual of Radio Telegraphy and Telephony W Hon B. L. French- Request copies of publications on amateur radio apparatus. 4/24 H7 To Hon Burton L French- Fwds Articles 4/27

APPARATUS RADIO

Number.	Date.	From or To—	Subject.
✓ 616904	4/8	To O-I-C Bu Standards	Wave Length Check of Radio Corp Atlantic Coast Radio Stations- Data should be incorporated in Monthly report on check W Bur Standlabr- Report on check of wave lengths 5/9 W To Comdts Yds-Stations listed Fwds cc Radio Research Lab let 5/9 rel Wave length measurements W 5/12 Bu Standards Lab 6/14 May check of transmitted wave lengths W Fwds Dir 6/22 RB 6/26/22 W
✓ 617189	4/8	To Chasn	Monthly Radio Report RH 2A 237 dated 3/1 rel chipment of receiver W Chasn- Only one receiver in stock 4/11 W To Chasn- Discrepancies in monthly report of radio material 4/21 Chasn- recommends vacancy of extra radio side be filled and temporary radio station 4/26 To Chasn- not possible for Bu to fill all vacancies in field from Washington E. Scollison re first bulletins of radio stations W
✓ 618113	1/11	<u>Dept Agriculture</u>	
✓ 618304	4/11	Bright Co.	Fwds clipping from Phila. newspaper rel to radio plant being constructed - first set to be completed in 1923 To Bright & Co Fwds inform 4/27
✓ 618051	4/5	<u>H.L. Wilder</u>	Request fwd bulletins for making wireless outfits To Dr H L Wilder- Fwds a description of Amateur 4/13

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
609334		fwded from card 299	To Bu of Standards Proper Design of Shore Station Antenna— Request report be submitted W. Fwsd Radio Research Lab Bu Standards 4/17 RB 5/4/22. W. To Burn-Boston Battery & Mfg Works— Gives Inform 5/13
617380	4/11	To Sec of Commerce (Sec Sig)	Calls attention to a system for checking wave length of Naval shore and ship Stations, which system has proved to be of great value during past two years W. Dept of Commerce- 5/3 W.
618321 see card 309			
618403	4/5	CO TRUXTON	No copies of radio and sund report 12/19/21 on board. W.

Number.	Date.	From or To—	Subject.
617215	5/15	H. W. Sullivan	was copy of working diagrams of amplifying receiver circuits.
617351	4/5 4/5	League of American Rem men Dept	was sent in radio apps could be 12 and by during annual convention of 100 ne to Mrs H W Keys (Sec Sig) Given detail inform rel obtaining radio equipment W 4/17
617360	see card 307		
617441	4/1	Harry Warren	request prints and printed matter on radio.
617444	4/5	Washm.	, Radio plans- P. 7's. 7.

Number.	Date.	From or To—	Subject.
617510	4/3	J. Powers	Request inform on wireless apparatus. W. Re Chas Bowers Fwds print 4/12
617549	4/7	F.Y.	Request specifications xov radio material. W
617603	4/7	Washn. card 529	W's beneficial suggestions by T. A. Vollten cov silver plated soldered electrical connec- tions 4/13 (DICKERSON) RB 6/12 W CO OHIO 5/22 W Fwds Washn 6/23 RB 7/6 W. Fwds Dept 7/11 RB 7/14 W Fwds Washn 8/24 RB 9/30 W
617713	4/4	T.A. Anderson	Ask if Bureau has any surplus radio apprs for sale. To W A Anderson- impossible to loan equipment 4/12
618 08	4/10	Bishop Elec. Co.	Ask if Bureau has radio apprs for sale. W. To-- Fwds copy of Catalogue 4/13

APPARATUS RADIO

Number.	Date.	From or To--	Subject.
✓ 614391	3/21	To MI (T)	Ask if radio laboratory General Radio Co tuning fork vibrator W
615526	3/25	Dept of Commerce	A. Pickles- G. G. Conney and Star Elec. Co. request information regarding sale of wireless apparatus. 7.
✓ 615995	3/29	Dept Commerce	Pwds request from E. J. Perry and J. W. Little for information as to sale of radio apparatus- (Not enclosed) 7.
✓ 615449 TO CARD 308	3/29	To Wm M Bruce	Bel test of transformers - Request cost of three relays W To W M Bruce- Request inform rel type of siphon recorder used W 5/30 W. J. Bruce- T- Satisf for representative to call 4/5 or 4/7 7. To W J Bruce (T) Bu Rep will arrive Springfield Ia April 6 or seventh ask if will be in Springfield at that time 4/4 Request to be favored with list of radio parts for sale 7. To Motor Parts Co- Gives instrns 4/6 Pwds S&A 4/6
✓ 616316	3/29	Motor parts Co.	

1922

Number.	Date.	From or To-	Subject.
616595	3/31	D. L. Wiggins	Request instrs cov erection of a wires. ~~et~~ To D L Wiggins- Gives instrs 4/7
616559	?	T. M. Willis	Request inform ref to most efficient hook up using Western Elec. tubes. To Edward M Willis- Gives instrs 4/7
616254	4/4	To Pearl Harbor	Numbering of photographs in accord with RE IA 101 W
616983	2/30	State of Washington -ug.3d.	Ask if can purchase radio telephone equipt for instn of at Camp Lewis. W. Fwd 3/8 4/8
616904 ~~see card 307~~			
617091	4/4	Rumsey Elec. Co.	Request copy of article entitled "Defects and trouble with radion" by E. M. Hilling. To Rumsey Elec Co- no funds available 4/10
617189 card 307			

Number.	Date.	From or To--	Subject.
✓ 613764	3/13	Inspr GE	Fwds GE Co. specifications for 2 KW vacuum tube generator for testing laboratories To Inspr Mat GE Gives Action 3/21 Fwds Washington 3/21 RB 3/26 with specifications. -3/21-
✓ 613045	3/15	To Hon <u>L P Padgett</u>	radio apparatus Gives list of companies telreceiving equipment can be purchased from W
✓ 614185	?	<u>T Ritter</u>	Request pamphlets cov constrn of an aerial.
✓ 614781	3/17 3/2	<u>Continental Fibre Co</u> S.L.	Request specifications cov Bakelite directo tubing. To The Continental Fibre Co Fwds Specs 3/25

APPARATUS RADIO

1922

Number.	Date.	From or To--	Subject.
613324	3/18	To Chasn	Obsolete radio material- Gives list of apparatus to be retained for use of radio laboratory W
614064	3/21	To Washington	Request copies of listed instruction books to fwded W Washn- Instructions for operations of amplifier and radio air craft compass receiver-fwds. 3/30-W
614574	3/22	To Comdt Washn	Drawings, specens and development work in process at Washington- invites atten to listed work uncompleted W Washn- Progress report. 3/24 W.
614975	3/22	Washn.	Fwds revised vandykes showing filament rheostat. 3/22 W.

APPARATUS RADIO

Number.	Date.	From or To—	Subject.
✓ 611749	3/6	To C-I-C Atl Fleet To C-I-C Pac Fleet To Pensa	Fwds Galley proofs of manual of eng instrns W To P Atl. Fle t- Fwds proofs with comments on. 3/11 W Pac. Fleet- Fwds proofs. 3/31 Pensacola- Fwds proofs. 3/31
✓ 612733	3/3	A. H. King	Ask if can secure radio sets for instruction purposes. W. Fwd SAA 3/10 To Youngs Lenz C. Associan-Gives Action taken re radio set 3/10
✓ 612793	3/6	Washington	Fwds drawings of filament rheostat of relays. W.
✓ 612880	3/8	Washn.	Fwds instruction books for receiving eqipt. W.
✓ 612878	3/7	Washn.p	Request vandykes listed be fwded from N.Y. for use in constructing thermo couples. W. Fwd Washington 3/11

APPARATUS RADIO

1922

Number.	Date.	From or To-	Subject.
612663	3/9	To S&A	Obsolete and Used Radio material of no further use by Navy. Disposition of given W
613324	3/8	Chasn.	Request instrns rel to disposition of material removed from Ex- ~~CHIEF~~ - light vessel 53. W. ~~678-53~~
613326	3/8	Chasn.	Subm list of radio eqmpt removed from Chaser 201- request disposition of. W.
613733	3/13	Independent Wireless T Co.	Ask if Bureau has available for sale, complete 5 KW spark set with motor generator. Gives Action taken 3/17 To S&A- Submit Reccoms disposal of obsolete equipment 3/18

APPARATUS RADIO

Number.	Date.	From or To—	Subject.	
611414	2/16	Atl. leet Circ.	Bureau of Engineering monthly radio and sound reports, -instructions rel. to perusal of. W.	
611107	2:25	To Washn	Reqt one vandyke HW 497 196 be fwded Bureau for information and file. W Washn- Wds vandyke. 3/6 W.	
611104	2:25	To Norf	Radio telegraph reqt vandyke HW 3A 186 be forwarded to Bu for information. W Norf- Sals report on automatic reducing condenser. 3/5 W.	
610611	2/25	To Bu's Chrons Larine Corps, Judge Advocate	Encls galley proof of Radio Plants M en.	600-2
611599	2/23	A. F. Sabcock	request copy of Bur Engrg. radio compass bulletin on construction of compass. W. To-- Gives Instrns 3/11	
611733	3:2	To So Brocks	Reqt detailed report re unassigned radio (cat. W) Navy Dep. of 4/10 W. Navy Dep. of - Sals list of unassigned radio material 4/21 W. To brockly Sup Depot- Reqt report as aum be revised and fwd to Bur. 4/3. W	

APPARATUS

1922

Number.	Date.	From or To—	Subject.
611907	3/1	Natl. Lead Co. ~~To Natl. Lead Co.~~	Calls attn to spare radio sets in stock— ask if desire to purchase. ~~To—~~ mat not required at present time 3/22
611776	3/3	To NY	Monthly report— Gives instrns rel W I. Y. — request Dec. & Jan. reports. 3/13 W. N.Y. 3/21 W
612341	3/2 3/4	W. J. Harris Aviation	Sends letter from A. M. Beatty requesting inform on maintenance and care of radio instruments. ~~To—~~ Request action taken 3/6
612516	3/3	E. E. McGrew Navigation	Inform rel to surplus radio material for sale. ~~To—~~ Gives action taken 3/10 Fwd SEA 3/10

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
610404	2/16	MI (T)	request with to make slip of 100KV cathode sheath pattern to Fed. Tele. Co. Fwd S&I-reqt M Is return arc sheath to Federal Tel Co-2;21-W
610190	2/15	Associated Mfg. Elec. Supplies.	request all inform available concerning radio broadcast- ing be furn. W To L.G. Pacent-2;21-W
610556	2/6	Mine Sqd. 2	request type numbers and classification of radio apparatus be given To Pac fit-book being revised unable to give info reqtd-2;25-W
610464	2/17	D. M. Hughes	Ask if Bureau has any seaplane radio receiver or telephones sets for sale? W. To D.M. Hughes-unable to sell-2;27-W
609953	2;19	To Nav Intel	reqt data re cost of French radio apparatus listed and descriptive matter W. To Nav Intel-reqt data re British radio apparatus-2;19-W To Nav Intel-reqt data re German radio apparatus-2;19-W Naval Intelligence- Fwds report from Naval Attache, Paris. 5/19 W. Naval Intelligence- Fwds report from Naval Attache, Lond. 5/20 W. Naval Intelligence- gives prices of receiving and amplifying tubes turn by Naval attache Berlin 5/31 W

876-APPARATUS: RADIO

1922

Number.	Date.	From or To	Subject.	
609961	2:21	To Washn Yard	Detailed comments and instructions re bureau design problems-radio telegraph and status of W	
611025	7	J. J. Barry	Request catalog and price list of radio equip. W.	
611006	2/13 2/20	E. J. Mullen Communications	Request info concerning barrage type of receivers be furn. To E. J. Mullen-2:27-W	
611248	2/18	Superadio Corpn	Request catalog of radio apprs and machry with prices, etc. To Superadio Corpn-fwds catalog-2:28-W	
611278	2/21	8th Dist	Fwd conclusions of E. C. West regarding fundamental principles of radio tele- gr. W.	854

45-43-101

2010

Number.	Date.	From or To—	Subject.	
609445	2/11	. . Neola	Ask if can purchase old radio sets. To-- Phila- 2/15	
603993		Forward from card 205	COPY FROM FILE dated 2/11 Phila- 2/15, print of 100x of drawings. 3/17 Y	

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
606350	2/ 11/	To NY	Request booklets of listed instructions le furnished Bureau W N.Y.— Fwds instrn booklets. 2/23 W
609485	2/9	J. J. Elias	Request publications on radio telegraphy 14 W 10— Has no pamphlets of radio telegraphy
609560	2/13	Weston Elec. Instr. Co.	Request latest specifications cov instruments for radio apprs. W. To— Gives inform re latest specens 3/9 Weston Elec. Instr. Co. request latest specifications. 3/16 W. To— Fwds specens 3/22
609007	2/14	To Pacific Fleet	Fwds listed Instruction booklets W
609746	2/10	Kansas City Pub. Library	Principles of underlying communication Request copy of. W. To The Librarian-2:21-W

29

Number.	Date.	From or To	Subject.
608819	2/7	Hon. T. S. <u>Butler</u>	Request radio bulletins be furn J. B Copenhagen. K4. To -- does not issue bulletins 2/11 To J B Copenhagen - Gives Action taken 2/11
608777	2/6	A. M. <u>Lyon</u>	Request list of amateur radio stations. To -- Gives list 2/11 To -- Next Friday office hours let from A. M. Lyon 2/6 2/11
609080	2/8	Miss H. L. <u>Plumer</u>	Request publications on wireless. W. To -- has no pamphlets 2/14
6088.7	2/10	To Eng. Eng	Reqs type in contract number of Eng. Bd. 2/17 W

512 264

4-2381

APPARATUS RADIO

1922

Number.	Date.	From or To—	Subject.
607791	1/26 2/1	R. F. Yates Communications	Request data rel to Navy radio to be incorporated in test book he will write.
607957	2/3	H. P. Michel	Request catalog of material for sale.
608048	1/25	Independent Wireless Co.	Quotes from their logs— "results of fac. trans. and sea trials are poor. To find out if wireless tel. co. gives inform rel test 2/14
608150	1/27	Diamond State Fibre Co	Ask when & where conference will be held to discuss methods of testing radio material. Ask if can purchase arc sets W
608250 card 300			To-- Give 1 form 2/8
604930	12/29 1/16	O Communications	Sends report of irregularities in radio 1000-771 apparatus while GRANHAM & PATAMA were in collision. W
608481	2;1	13th Dis	Recommends monthly radio report be termed "Rel For Navy Use only" instead of "Confidential." W

1922

4-3351

APPARATUS RADIO

Number.	Date.	From or To	Subject.
598655	FROM CARD	291	Man. lds. Jwds prints of AC tube set being experiment with 1/27 W. 918 ✓ To P. L. - Jwds prints of receiver cc P. L. - KALMIA will be ready for test 2/14 2/19 W C. L. Reiche - Request printed matter on radio apparatus. 5/18 W. To C. L. Reiche - Jwds booklet 6/1 Hon. T. S. Butler 6/19 Request fwd literature on radio to C. R. Sheeder KW To Hon. T. S. Butler - gives inform rel text book 6/24
577779	FROM CARD	284	Pacif. Destroy - Subm list of work done by yard on various vessels. 1/25 W. Pacif. Destroy - Report on work performed. 3/3 W Pacif. Destroy - list of work to be done by yard on various vessels. 3/25 W. Pacif. Fleet - Report of inspection of radio instln on board TEXAS - 6/7/16 W.
CARD 297 - A			Pacif. Destroy - Subm list of work done on destroyers. 3/16 W. Atl. Battleship Force - Jwds report from 16 destroyers. 3/14 W. Pacif. Destroy - Subm list of work to be done by yard on various vessels. 3/21 W To Atl. Fleet - Inspections cc c-I-C Atl. Fleet 3/29 Pacif. Destroy - Report on inspection of P. L. - Jwds prints of receiver cc Pacif. Destroy - Report on work performed on various destroyers 3/16 W.

Number.	Date.	From or To	Subject.
605451	12/6	Boston	Confidential publication - custody of. W. returned to Bureau 1/10
605725	1/20	J. E. Parker	Calls attn to circuit devised to pick up signals on wave lengths between 175 and 400 meters. W.
605835	1/6 1/20	Naval Reserves, Oswego, NY 3d Dist.	Publications cov radio instrns. W To CO Oswego - Publications 1/27 W comdt 3rd Nav Dist.
605796	1/17	Pug. 3d.	Request pri ts listed, be furn. W. To P. 3d. Plans 2/11
606135	1/23	Ward Leonard Co.	Ask what Dept has charge of commercial radio ~~trans~~ ^{instr} 1/2

1922

Number.	Date.	From or To—	Subject.
✓ 606283	1/5 1/24	Radio Telegraphist Foren Hydrographic Office	Request publications etc rel to radio telegraphy be furn. W. To Dir. Bu Standards- Rosta pamphlets be sub lled by Bu Standards 1/27 W Fwds Hydrographic Office 1/27 W
✓ 606360	1/23	Hon. S.G. Porter	Request copies of radio pamphlet #40 be furn W. Horne. A.V. AC-- Cannot supply pamphlets 1/26
600783	12/21/21	To U S Research Lab	Assignment of Radio Research Problem gives action taken w Bureau Stand. Labr. 1/20 W. To Bu Standards-Regst Problem be stricken from list 4/6
606615	1/26	Yashn.	Fwds prints showing booth protecting relay and antenna protecting relay. W.
605732	1/26	To Anac. Lia	Wfws BRICIS on 1/16 AC. 1/16 Anacositia- fwds proof. 2/18 W

4-33HJ

APPARATUS RADIO

1922

Number	Date	From or To	Subject
544459		FROM CARD 274	Mare Isl. 1/12 " To Boston Ask if spare charter is available for use at Station cc O II - C Ear Barker W Boston- 1/27 W.
✓ 604157	1/18	To C-I-C Atlantic- Pacific Fleet-Atlantic Fleet	Annual report from Commander-in-Chief at Requested W
✓ 605388	1/16	Boy Scout of America, Ohio.	Ask if have any radio sets which Bureau will loan. W To ask <u>Govt</u> from 1/21
✓ 605394	1/15 1/19	Hon. C. H. Brand Communications	Feds letter from L. B. Leroy requesting inform- ation sent out by Govt for general public. W. To- <u>Adm's</u> letter 1/21

Number.	Date.	From or To—	Subject.
472217		FROM CARD 253	ashn. Sw. preliminary report on design problems. 1/5 7.
577859		Twice from card 204	To LI inspection of radio and sound in- stallation on naval vessels: Gives inform W 1/7/25 Phila- Report on inspection of radio appra- on board AN. ARCS 8/11 W.

Number.	Date.	From or To-	Subject.
✓ 603776	1/9	A. J. Housman	Request opportunity to purchase radio sets. W.
✓ 603787	1/10	J. J. Deignan	Ask if can purchase surplus radio material. W.
603911	1/3	MI	Radio coordinator system- fnds copy of 895 W.
✓ 604125	1/11	J. B. Brady	Request p.m. 03 representing Naval radio insignia for service decorations. To-- Clives Action- fnds Prints 1/11/22 J. B. Brady returns negatives. 1/24 W.
✓ 604128	1/4	R. W. Semons	Receiving in neighborhood of Annapolis station difficult due to this station- ask if much can be done to help or more ways. To R. W. Semons- West March 17/17/22 R. W. Semons 1/18 W. To R. W. Semons 1/28

Number.	Date.	From or To--	Subject.
✓ 600789	12/19	To Hon Elihu Root ~~Sec Sig~~	Asst Secy is allowed to outline policy for international radio comm in general particular situation in the Pacific and Far East W
600783 see	card 296		
✓ 601707	12/5	F. Lowenstein	Subm preliminary report on visit to Europe 7/8 to 12/27 To-- Ack receipt of report 12/28
✓ 601902	12/21	G. A. Roth	Ask if can purchase small lots of radio apprs. W To-- Advise catalogue 1/29
✓ 602018	12/16	Eug. Jd.	Recds letter from J. H. Marriott asking if article used for recruiting service can be published in a magazine.
✓ 602314	12/8 12/28	A. A. Rappis Dept	Request inform rel to wireless, telephone and telegraphic communications. To R A Rappis (Asst Sec Sig) Gives detld in form 12/31/41 To R A Rappis (Asst Sec Sig) Gives Action taken 12/31/41

N. Eng. 134

APPARATUS RADIO

1921

Number.	Date.	From or To--	Subject.
✓ 602339	12/21	Weston Elec Instr Co	Request two complete sets of Navy specifications RE-13-A-255 be furn. W. To-- unable to furnish specens 12/21 Weston Elec. Instr Co. 1/5
602845	12/30	1922 J. Hoover	Request aircas outfit 12/30 To-- cannot grant request 1/7/22
✓ 603082	12/22 12/29	Atl. Battleship Force Atl. Fleet 416	Submit report on defective radio appra on board destroyers. W.
✓ 303174 5	1/4	Stetson Jennings & Russell	Adm. name of officer who conducted test of 1/2 K motor boat set in 1917 built by American 1/4/22 To-- Gives inform 1/11/22 Stetson Jennings & Russell gives reasons why inform was requested. 1/13 cc of report sent 1/17/22, also report test To Messrs Stetson Jennings and Russell in case of testimony of Mr. McDonald expenses must be borne by client 1/27 W Stetson Jennings & Russell- 1/3 W

APPARATUS RADIO

1921

Number.	Date.	From or To—	Subject.
594412	FROM CARD 289		Washn. Report on test of of Pacent plugs. 12/12/ W. To Pacent Elec Co—Jacks. 12/12 W. Pacem Elec. Co. will fwd drawings. 1/4 W. Pacem Elec. Co. 1/31 W. To Pacent Elec Co—Request vandykes. 2/4 Pacem Elec. Co. will fwd drawings within a week. 2/8 W. Pacem Elec. Co.—Fwds vandykes. 2/16 W.
600428	?	Hon. J. R. Mann.	Writes in behalf of A. L. Haltgren rel to purchase of wireless equipt. W. To A. L. Haltgren rel purchase of equipment gives detail 12/17 To Hon J R Mann— Gives Action 12/17
600512	12/14	B. F. Tilson	Request pamphlets be furn rel to instrns for operation of radio apprs. W.
601183	12/19	Lowenstein Co.	Request copy of report and drawing showing are chamber in two verticle cross sections and plan view. W. To— Fwds reports of tests 12/28
600783	see card 296		
600868	12/31	To Dir of Intelligence	Inquiry re purchase of high speed printer manufactured by Miehne-Halske Co— W Nav Intelligence 6/16 Fwds report of BB 2/28/22 W Naval Attache Berlin W

MAY 1921

[OVER]

APPARATUS

1921

Number.	Date.	From or To--	Subject.
598655	11/22 11/28	CO THORNTON Pacif. Destroy	Rest forms for submission of description of radio instr. be furn. W.
	CO KENNEDY. 12/2 W Aviation 1/16/27 To H. H. Rcs submitted 1/30		Pacif. Destroy. CO TINGEY rst radio report forms. 12/28 W
CARE 297			CO WOOD 11/29 Fwds description of radio instr. W.
			CO AARON WARD Fwds description of radio instr. 11/29 W.
			CO MARCUS 11/29 W.
			Coch Solo- 11/29 W.
			Phila Fwds special report on comparison test of receivers. 12/5 W. X 898
598764	12/3	Becton & Dickenson Co.	Request copy of list of wireless stations. W To Govt Printing Office 12/7 Dickinson & Co- 12/7 Fwds let from Becton
599201	12/5	G. B. Lawson	Request list of wireless outfits for sale. W. To G. B. Lawson gives inform 12/9 Fwd S&A 12/9
599302	12/2 12/7	Hon. F. E. Warren Communications	Ask if Bureau has any printed matter cov radio telegraphy. also wether sets can be purchased To-- Give detld inform 12/8
5600052	12/10	R. S. Miner	Request wiring diagram of Sperry radio set. W. To-- unable to furnish inform desired 12/15

1921

Number.	Date.	From or To—	Subject.
598765	12/7	To Research Lab Bu Standards	Stationary waves on Open-ended solenoids comments on paper by a Press Ewas Paper W Bur Stand. Labr. 12/14 W
599540	12;7	NY	Submits report covering status of research problem 106-B on elimination of harmonics and wash emitted by a transmitting station. W To NY Contents 12/21 To NY Reduction of harmonics— subm suggestions To NY Rept addtl info-311-W To NY Sub addtl data. 3/21 N.Y. 3/27 W.
599631	12/8	Aero Alarm Co.	Ask if Comdr. Hooper will be in Washn, 12/13, 14, or 15. W. To NY gives info. re date of conference 12/10
599742	12/9	Inspr Brook.	Request monthly radio reports be furn. W.
599407	12/10	To S&A	Reqt for shipment of radio material via rail W
600029 CANCELLED	12/12	J. J. Mauss (1) CANCELLED	Request catalog and surplus radio equip be forwarded. W.

REFRAMES

1921

Number.	Date.	From or To--	Subject.
✓ 595395	11/9	Wireless Sec. A. I. D. 70.	Authorizing certain officers to sign orders and permits. To be given Govt. 70. To S&A Give comments 11/18
✓ 595432	11/10	Insp. E	Give copy of data book on radioron and general description of 5 output pilotron tube. 7.
✓ 595439	11/10	Washn.	Fwd vandykes of drawing RW 23-F-129. W
✓ 595534	11/16	To Washington	Recd instrns books listed be forwarded to Bureau W Washn. 2/9
✓ 596210	11/16	Washn.	Fwd vandykes RW-23-F-129 -A. W.
✓ 596256	11/18	M.D. Sinclair	Ask if can purchase 2nd hand radio appr. W. To-- Give action 11/19 Fwd S&A 11/19 cc-- Fwd 6
✓ 596568	11/18	Washn.	Fwd various revised radio prints. W.

APPARATUS

1921

Number.	Date.	From or To—	Subject.
596701	11/18	Inaprr GE	J. R. Mawary has requested price on equipt for use with Navy radio telephones and transmitting set. have no information that Navy material is legally in his possession—rqt instrs. Swd C. Parris Island cc Inaprr GE 11/23 RB 11/29 W To Inaprr mat GE— not possible to supply material requested 12/2
596507	11/21	To MI	Reqt Vandyke be furnished W MI— Swds print. 12/1 W.
597112	11/21	American Legion Elkhart	Ask if Bureau has any radio sets for sale. W. Swd SAA 11/25 To Thomas McCoy— Amer Legion— Gives inform rel equipment 11/25
597983	11/17	C. F. Elwell	Request photos or loan of plugs showing 5, 30, 250 and 1000 KW arcs.W. To-- Swds list of views of arc radio transmitting equipment in use in U S Naval Communication service 12/2 C. F. Elwell— Prints recd. 12/12 W
598075	11/28	W. F. Egan	Request inform as to aprs needed for radio instln. W. Swd SAA 12/3 To W F Egan—has no inform available 12/3

1921

Number.	Date.	From or To	Subject
592996	11/1	To S&A 90889	Reqst shipment of material from Washn to Navy Dept W
593662	11/3	To Comdt's yards - Stations	Reqst monthly Radio reports be forwarded W
594238	10/31	H. Smith. ~~CANCELLED~~	Request radio catalog. W.
594237	10/28	G. Schneider ~~CANCELLED~~	Request radio catalog. W.
594412	11/4	Pacent Elec. Co.	Wds radio jacks to test shop for test. W.
CARD 232	11/3	Pacent Elec. Co. - Reqst type numbers To Pacent Elec Co (T) appvd To Deforest Radio T & T Coll/23	Tel Washn test of jacks within 11/8 Report will be made upon completion of test 11/8
594508	12/7	Gives inform 12/7 3/31 Guam	Washn. 11/2-Returns letter from Pacent Co. W Request blank forms listed be furn. L

L(11) 1921

Number.	Date.	From or To	Subject.
593909	11/5	To All Fleet	Fwds plans listed rel radio equipment W
594470	11/8	To S&A 7-7	Bl Gives inform rel obtaining of specens, plans and prints etc in connection with radio and etc are wanted by prospective bidder. 11/14 3-7. 706
595026	11/7	Phila. 7-7	Fwds special report on consideration pertinent to operating of radio compass equip on large metal hull vessel. W
595081	11/11	Jones Elec. & Radio Lfg. Co.	Request 10. be considered when pur- chasing radio and electrical equip. W
595174	11/2	G. B. Ellis	Request list of radio apprs available for sale. W Fwd S&A 11/12
595194	11/8	Washn.	Fwds drawing KV 46-A- 647-A. W
595203	11/8	Destry D. Navigation	Request books listed be turn on radio to Atlantic Fleet. Fwds 10/15

APPARATUS

1921

Number.	Date.	From or To—	Subject.
590009	10/11	Ports	Request radio vandykes listed be furn. W. To Ports Fwds prints 10/15
590243	10/12	GE Co.	Writes rel to contract for certain radio device which is unsatisfactory to Co. W.
590495	10/14	C. A. Macgowan	Request mailing address for monthly radio report be changed. W.
589876	10/15	To Washn	Regets listed books be fwded to bureau W washn 2/8 W.
589877	10/15	To Phila	Reget vandyke of latest revision of RL 69:7 170 be fwded W Phila-10' coil with direct control-fwds vandykes. 10/25 W.
590276	10/17	Boston	Request special radio reports listed be furn. W
591390	10/19	Hammond Fabr.	Will bring to Washington a 3/4 KW tube set lists material required for test. W. To— Ask when set will be ready for delivery to Washington yard 11/10
589812	10/19	To Coss Comdr- Stans	Fwds plans of listed indexes forming part of the co-ordination system W To Boston Fwds reports 10/25 Chasn-prints recd-10:25-W

1921

Number.	Date.	From or To—	Subject.
590936	10/20	To Pug Snd	reporting of 1922 projects in monthly radio reports - W
592034	10/21	Atl. Battleship Force	Request description with prints and instrns for all radio equipmt comprising standard destroy instrn. Plans listed 11/9 To Atl Fleet Fwds Plans listed 11/9 Atl. Battleship Force - listoprints recd. 11/12 W
592085	10/21	Atl. Battleship Force	Request pamphlets prints and operating instrns cov standard battleship radio equipmt. To Atlantic Fleet - Fwds Plans 11/5 BB 11/18 W To Atl Fleet - Fwds print 11/19
592570	10/24	Washn.	Fwds prints and vandyke of drawing RW 48-R-178-A W
592746	10/21	Pug Sd.	Fwds special radio reports. W.
592814	?	W. C. Ingle	Request copy of catalog W. To SEA - Fwds correspondence 10/31
592815	10/25	W. Messer	Fwds copy of radio catalog. W.
593224	10/26	Ports	Request copy of monthly radio report for Aug Oct. To Ports - rel receipt of monthly report 11/5

1921

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Number.	Date.	From or To—	Subject.
580161		SEE CARD 284	To S Dist- Gives comment rel upkeep of material 10/4 W To S&A confirms telephone conversation 12/3
580161	10/5	To Washington	Edw's Vandyke- Transmitting vacuum tubes- W
580162	10/5	To Phila	Reqt vandyke- copies of latest revision W Phila 10/21 Auxiliary radio room. Edw's print W
580163	10/5	To NY	Reqt tracings be forwarded Annapolis W N.Y.- Lists tracings Edw's to Expt Sta. 10/14 W

Number.	Date.	From or To—	Subject.
588158	10/5	To S&A SEE CARD 286	8930 Request shipmt of booth from Phila to SO NY W 11/12/7
589277	9/20	racf. Vestry Sqd.	Request be placed on mailing list for monthly radio report. To Squad 5- Give Action 10/15
589534	10/7	C. J. Henschel & Co.	Request drawings cov antenna tuning units and transfer switches. W.
589586	10/11	To Washn	Request cc of latest revision of plans listed W Washn-Lists vandykes fwded to Bur. 10/19/7

APPARATUS RADIO

1921

Number.	Date.	From or To—	Subject.
585384	9/13	Y&D	Former receiving ship barracks- Bayridge
		Navy Sup Depot- 9/27 W	Brooklyn- Request instrns rel to disposal of
		To Key est Request inform as to	radio apprs. W.
		PL to data W 10/25	To S&A Request shipment of lat from Brook to 30 Brook
		3d Dist- 11/18	8797 9/19 RB 3/4
		Sup Depot- 9/21	Request shipment of lat from Brook to
		SEA 12/5 W	To O-1-C Brook- Request Inform 9/24 RB 10/20 W
			Nav Sup Depot- Request change sheets- 9/26 W
585742	9/5	Carroll Iowa, Pub. Libr.	Request publications on radio. W.
			To Carroll Libr- Gives action 9/22
			To Sadie R. Stevens- Gives action 9/22
586296	9/22	To NY	Request print- W of monthly radio reports W
586925	9/15	C. Bloom	Ask if radio sets can be loaned to the
			DeWitt Clinton High School, N.Y. City W.
			To-- impossible to loan apparatus 9/24
587216	9/27	To S&A	Request cc of shipment and mailing addressed to
			naval Radio Stations in 5 lists- W
587340	9/26	Washn.	Request prints of drawing #RW-48-F-204-a W
586668	9/28	To Phila.	Special reports- Numbering of Gives instrns W
			Phila- Request special reports on wave fronts
			variations and test of compass instrns. 10/13 W
			Phila- 11/29 W

APPARATUS RADIO

1921

Number.	Date.	From or To—	Subject.
✓ 587227	9/29	To William F Grice	Fwds print of various types of insulators W
587692	9/30	To NY	Regat print W N.Y. Fwds vandykes, 10/14 W.
69 ✓ 587961	9/29	Washn.	Fwds specifications RW-13-A-115-C also vandyke and prints. W. To Norfolk-Gives instrs 10/1
588054	9/26	Chasn.	Calls attn to condition of apprs on Naval vessels visit g yard in need of repairs Comments on condition of apprs on various vessels. W. of radio apprs on various vessels. W. evidently expedited with by operators. to C-1-10 Attn Pacific Fleets- Regat comments W 10/12
588028	10/1	To CAR	Atl Fleet-Copy action to Battle shp Force 10/17 W Fwds Vandyke rel instrs of radio sound booth W
588031	10/1	To MI	Regat Vandyke and print to be forwarded W MI- Fwds addtl reports. 10/19 W.
588158	10/3	To Phila (T)	Wire condition double lefthand standard height booth in APA account W
Phil- T- Booth complete and in good condition. 10/4 W. Have Sup. Depot- (T) Booth in good condit tion. 10/4 W			Brook (T) Regat condition of W
588463	10/3	Cory & Son	Request drawings cov antenna tuning inductance and condenser unit. W.

A. PARATUS

1921

Number.	Date.	From or To—	Subject.
581480	8-20	To Fleets Operations	Description of radio installation on ships for aircraft W BUCHANAN 9/13 W.
581496	8-20	To Chas. Speaker (T)	Carry out instructions—report test shop Monday how outputs mentioned in memo satisfactory for acceptance W N.Y. Office—Unable to deliver telegram. 8/20 W
581872	8/17	NI	Fwd description of radio instln on vessels assigned to yard- W
581966	8/18	Hon. C. W. Ramsdell	Request inform for radio be sent, Don. Rayner. C To 8/28 C
582294	8/22	W. F. Grimes	Reports on visit to various manufacturers and ships Aug. 1, to 17. W To CO ROCHESTER comments. 8/28
582189	8-26	To Flts M.I. 12th Dist PCCS	Inspection of radio installn by Bureau representative W NI- 9/23 W Fwd NI 10/1
582198	8/30	To Washn	Recd Vaneyle and two blueprints of revision e forwarded W Washn- Fwd prints. 1/3 W

Number.	Date.	From or To—	Subject.
583156	8/25	Mara Isl.	Intra-Fleet transmitter- request drawing of. W. To LI Fwds Prints 9/1 To LI Best reply to letter of 8/25 9/26 W To LI Fwd Vmcs 10/7
583204	8/23	~~GE Co.~~	5 and 15 KW 10,000 volt sets- are develop- ing- gives description. W GE Co.- Gives quotation. 8/30 W
583308	8/29	Washn.	Fwds prints by messenger. W
583427	8/23 8/25	Quincy Ill. Boy Scouts Hon. E. E. King	Asks for radio appra. U. To- Honorable E. E. King- not authd to loan mat 9/3
584424 ⁵	9/1	Bureau Standards	Honeycomb Denno- Latters coils & asks if being adopted for standard use. W To- Bu not considering use of type of coil listed 9/15
584493	9/10	To U S Geological Survey	Ack receipt of maps listed W
584492	9/9	To H C Petty (T)	Ask if two kilowatt- gen will successfully carry load of power W
584832	9/6	Pacif Fleet	Request standard plans for file of Commander in-Chief- W. Pacif. Fleet. To C-1-C Pac Fleet- Fwd- Plans 10/8

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1921

Number.	Date.	From or To—	Subject.
579285	8/5	Radio Eng. Co.	Calls attn to ability of R. to furnish radio apparatus. W. To S&A 8/18
579944	8-12	To N.Y.	Asks number of sheets of tracing cloth in stock W N.Y. Gives supply of tracing linen on hand 8/23 W. 634
580246	8/5	Dept Agriculture	Asks if Bureau has any radio outfit which could be loaned to Dept for Bureau of Market News Service. W.
580371	3/19 CANCELLED.	H. C. Wood	Re. uast data in conn with pay of commercial radio operators. W.
580160	8-13	To Comdt Cavite	Radio telegraph-radio coordination system To P.H. 8-25
580161	8-13	To Comdt 8th Dist	Sup. lies-radio telegraph- reqst info covg. W New Orln- Elec shop will be turned over to Dist. radio officer. 8/23 W.
580490	8-16	To Comdt Washington	New Orln- (T) 9/13 cc S&A 8/13 New Orln-recommends retention of radio material for use of dist 9/13 To S&A 9/20 RB 9/1 W radio stores for 8th Dist. W. To S&A 8/21 reqst S&A arrange to set aside best vande ke and copies of special report provided Bureau W Washn- fws vandykes and blueprt cov special report on test of German insulators. 8/26 W
580829	8-17	To Radio Corp. n.	Asks rel visit of Bureau rep to stations. W Radio Corp of America-8/18 W

APPENDIX:

Number.	Date.	From or To -	Subject.
574782	7:7	C.DeCarlo	Letter via White House re:ting radio apparatus be furnished. W To 7/16 Fwd S&A 7/16
574761	7:12	Dept	Fwd's letter from T.H.Clark submitting claims covering beneficial suggestions made by himself and Capt G.Hill. W
574630	old 7/15	15th Dist	to port rel to functions of arc transmission compared with actual key operation. W.
573895	7/13	To Navigation	Radio personnel- instruction of- Gives recommendations. W 707-11
573844	7-15	To Pacific Fleet via Navigation	Radio telegraph- examination of radio personnel. W
		To Pacific Fleet via Nav- 8/17	To Atl Fleet 7/15 Fwd's letter re: apparatus. List calling with to limited mail locations of radio personnel. et. 8/10
573027	7:15	U.S. Navy	Fwd S&A 7/21 To CR Wall- 7/21
575181	7-20	To Comdt Washington	Re 7/22 Fwd's vandyke and bprints, type SE 1696 grounding clamp for models FM and R single sound pro f beeths. W
575184	7-20	To Western Elec Co	Request permission for Bureau representative to visit stations Long Beach and Avalon. W American 7/20 - 3rd Division for Bureau to representatives to visit stations. 8/9 W.

✓

Number.	Date.	From or To—	Subject.
✓ 576937	7/20	Weston Elec. Instr. Co.	Request catalogue of elec supplies
576939	7/8	D. Clark	Comments in conn with gravity method of
	7/23	White House	telegraphy submitting claim for compensation. W.
✓ Duncan Clark		Communications	To D. Clark 8/3
		Further details. 10/15	W. D. Clark gives detailed comments on his
			methods of wireless telegraphy. 8/8 W.
✓ 576932	7/6	J. S. Snyder	Request inform 10/5
	7/22	J. S. Snyder	✓ Request pamphlets rel to wireless appra. W.
			To J S Cryden 8/1
✓ 576996	7/19	Pug. ad.	rwds calibration data Destry Div. 31. W.
✓ 78040	7/22	Washington	rwds vandykes and prints of drawings listed.
577039	7/22	Washington	Rwds vandykes and prints of drawings listed. W.
577360	7/25	Weston Elec. Instr. Co.	Request specifications on trial experi-
			ments. W.
			To Weston Elec Ins Co 7/30

APPARATUS

1921

Number.	Date.	From or To	Subject.
✓ 569629	6/13	Ship Board	Fwds copies of extracts from London Times and Lloyds, rel. to use of wireless telraphy. W
✓ 569632	6/7 6/13	Bd Survey Phila. S&A	Fwds request of L.K. Brown for purchase of radio apparatus. W. fwd S&A 6/16
569977	6-17	To Insp'r F.R.	Fwds vandyke cop of drawing W To Insp'r Phila 6/17
57041	6/17	Eagle 46	Reuest monthly radio report be removed from mailing list for Eagles listed. W.
570744	6/18	Nav. Academy	Acknowledges receipt of monthly radio reports. W.
570556	6-22	To CO's	Fwds forms W RE Chaser 198. 6/24 W. Indian Secd. - Fwds description of radio postln. 2W Grt Lakes - Fwds form filledout. 9/12 W
571461	6/23	Norfolk	Fwds article on practical books for radio engineering by H. E. Hallberg. W. Fwd -ir intelligence 7/2 RE 7/8 fw Hallberg 7/11
572223	6/27	Prof. L. A. Doggett	Fwds report on coordination of audibility and full strength measurements by Austin and Vallauri. W. To Prof Doggett 7-8

APPARATUS

1921

Number.	Date.	From or To—	Subject.
✓ 572186	6/30	To Thomas Ewing (T)	Comdr Hopper will confer with you Friday morning W
✓ 572442	7-1	To Comdt N.Y.	Reqt vandykes of revision of drawings be added Bureau W NY-Iwds Vandykes-7:9-W
✓ 572443	7/1	To Comdt Boston	Reqt vandyke copies of revision of revision of drawing be add Bureau W Bureau adds Vandykes of revision of drawing and revision of drawing
✓ 5725694	7/2	To Mr A Press War Dept	Acknowledgment of Paper "The Wave length relation for Progressive Wave Generation Along Antennas" 7/2 W
✓ 573522	6:30	G.R. Carter	Ask if can purchase obsolete transmission outfits from Bureau W add to Bureau SEA 7/9 to independent wireless Tel Co- 7/11
✓ 573286	7-7	To John Firth	Acknow receipt of data on Austrian Radio apparatus. W John Firth & Co-submits quotations-7:12-W to J Firth 7/21
✓ 573625	7-8	To Comdt Wash	Reqt for extra copies of reports on radio research problems- W
574368	no date	H.B. Farrar	Reqt price list of radio equipment.W Iwds SEA 7/14 To H.B. Farrar-in re radio equipment W 7/14
574			

Number.	Date.	From or To--	Subject.
565798	5-27	To Insprs	Fwds vandyke copy of drawings W Insp'r Tacoma-7;16-17 To Insp'r Tacoma-8-19 inslt cruisers 4-5-6 copy Puget Sd. Ship order from Todd to Puget Sd 8/22 8596 RB 11/22 W.
566555	5/15	Washn.	Fwd monthly report rel to coordination of radio work. 7.
567008	5/26	A. K. Hanson	Fwds pamphlets and descriptive matter re achievement of Tradeau station in conn with Navy furnishing a prs for instn. To 6-2
567448	6/2	Norfolk	Fwds article and practical books on radio engineering for publication. Fwd Intelligence 6-7
567491	6/2	Radio Service and Mfg. Co.	To west name be placed on list of manufacturers of radio and electrical equip. W To 6-4 Fwd S&A 6/4
567316	6-4	To S&A	Repost sh pmt of radio material from Washn to Mare Island W 7665 RB 7/12 To M.I. Fwds data 6-6 M.I. 7/1- in re primary standard wavemeter W To Comdt M.I. 7/21 To M.I. Asks what steps have been taken to check wave lengths 4/15 W MI 4/27 L

1921

Number.	Date.	From or To--	Subject.
567809	6/1	MI	Ask if Bureau desires to call spare parts for radio sets to private interests whose vessels are equipt with Navy apparatus. To M.I. Tel 6-6 To M.I. 6-8
~~567369~~	~~6-6~~	~~To M. Island Tel~~	~~Where Navy radio exists~~
567326	6-6	To Phila	Request vandyke copy of drawing be furnished W Phila- Assembly and instln instrns radio compass for PENNSYLVANIA- 6/11 W.
567317	6/4	To Comdt Boston	Visit of G.E. Co engineer to Boston yard to inspect radio apparatus of battleship Divn five W 898
568724	6/ 8	<u>War College</u>	Request Bureau discontinue fwding monthly radio report. W.
569245	6/7	11th Dist.	Request be placed on mailing list for monthly radio report. W.
569228	6/5	CO HART	Encds receipts for confidential monthly radio reports, W.

APPENDIX 3

1921

Number.	Date.	From or To--	Subject.
✓ 563639	5/12	Weston Elec. Instr Co.	Request sets of supplement showing type number of various radio instruments. 7 To Weston Elec Ins Co 5-17
✓ 563567	5-14	To Washington	Regst for vandyke and bprints. W 2 bprints of resistor: 5/27 W.
✓ 563978	5/14	Commercial Tribune Co.	Most be favored with series of articles on radio for publication. W. To 5-20
✓ 564027	5/13	Nav. Sup. Depot,	Rest copy of experiment specifications for radio apprs be furn. W. To NSD Brook fmds 5-19
✓ 564136	5/13	Hon D. Atkins	el to desire of a constituent for securing radio outfits. W. To 5-16 advise commn with Bd Survey W ~~Excs/11x~~
✓ 564221	4/28	A. E. Parson	Will be in Washington latter part of May - will call with reference to radio instln W.
✓ 564252	5/15	E. Lennert	Ask if possible to measure distance of radio station or device explained. W. To E. Lennert- 5-19
✓ 564292	5/11	W. A. Wood	Place name on mailing list for monthly radio report. W.
✓ 564000	5-17	To Naval Commn	Publication of article by Lt Comdr C.N. Ingraham on radio communications W

APPARATUS

1921

Number.	Date.	From or To—	Subject.	
563998	5-18	To Intelligence	Reqst translation of article W RB 12/1 W	
564016	5-20	To Secty	Radio telegraph- permission for G.E. Co's engineer to take passage on PENNSYLVANIA. RB 5/28 W.	W
565567	5/24	Dept	Authorizes publication of manuscript entitled "Radio Communication" by Lt. Jdr. W. W. Ingraham. Fwd Sec Annapolis via Intelligence 5/26	OW
565860	5/24	Crocker Wheeler Co.	Re most specifications cov tubes for radio work. To Crocker Wheeler Co 5-4	
565870	5-25	To Comdt Mare Island	Reqst vandyke and burinta. W MI- Fwds print of addion battery rheostat. 6/2 W	
566039	5/17 5/24	MidShipman F.B. Waite Navigation	Request pamphlets containing description of radio apparatus. W. To Naval Acad via Nav- cannot meet indiv reqst- will fwd for use Library of Acad 6/17	
566128	5-27	To IM's Comdts Flts	Tunes for naval vessels- estimates W	

APPARATUS

1921

Number.	Date.	From or To	Subject.
✓ 561188	5-3	Comdr S.G. Hooper	Request permission to publish article on radio W faded intelligence 5/3
547630	from Card 275		Annapolis Sta. 5/2 W.
	Annapolis 7-11 W		Annapolis- copy action to Washn. 5/10 W
	To Comdts Com FCCS Flats- 7/20		~~Annapolis 5/13 lists defects.~~
	MI- was correspondence and log- 7/25 W		May 5/12
	MI- was comments. 7/25 W		Maré Isl. Monthly operation report. 5/13 W
	MI- 7/26 W		and MI 5-18 RB 6/21 W
			15th Dist. 5/7 W
			Annapolis Daily Reports. 5/18 W
			Annapolis Stat- Daily reports. 5/25 W
			Washn- report of daily operations at
			Annapolis. 6/1 W
			Annapolis Sta. 6/7 W.
			N.Y. 6/7 W
			Annapolis 6/10 W.
			15th Dist- Report on arc operation. 6/3 W.
			Washn- Subm reports. 6/14 W
			To Comdts IM's Commun- onn of arcs at high
			power stat during period of non signaling 6/16
			Annapolis Sta. 6/15 W
			Maré Isl. 6/15 W.
			MI 6/21 W
			Pearl Harbor-report of test-7:24-W
13884-140 W 3/23/21		Eng C.O. St Louis	Radio Telegraph Monthly Radio Report- Confidential Nature of.
561185	5-7	To Comdts IM's	Request Ancestral and Bureau of Standards be placed on mailing list for monthly radio report W

A. PARATIS

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Number.	Date.	From or To-	Subject.
562976	5/9	J. H. Mitchell	Ask if Bureau will furnish bulletins regarding radio instruments and developments. W To J.H. Mitchell 5-17
563034	4/26	Pacif. Mine Force	Lists monthly radio reports destroyed by burning. W.
563090	5/7	Navigation	Rest monthly radio report November, 1920 be furnished. W. To Nav 5-12
563186	5/10	A.C. Dillingham Dept Public Safety	Rest informal to sale of radio sets to Norf. police Dept. W. To 5-13
562319	5-11	To Comdt Washn	Request for burns and Vandyke W. Washn. fws prints showing antenna for Arlington Sta. 5/23 W.
563053	5-10	CIRCULAR A-15 B-9	Radio telegraph- radio equipment stolen from ships and stations WM Bur Circular- Directs special effort be exerted in conn with inventory of radio apparatus to prevent theft of. 5/10 W
563401	5/7	Mare Isl.	fws description of radio instln on various vessels. W.
563398	5/11	Norf.	fws article by W. E. Hallborg cov practical talks on radio engineering. W. fwd Intelligence 5-19

Number.	Date.	From or To—	Subject.
553099	FROM CAID	276	Phila- fnds list of radio equipt on hand. 4/12 W Chagr- Inform rsted. 4/11 W. NY-4:28-W Norf. 5/3 Fnds correspondence. W. W. 3d. Subm report. 3/26 W.
556217	4/13	To Dir Communications	Fnds cc of Memorandum-Submission of memo for International Radio Conference W To Communications 5-11
556847	4/15	To Bu Standards	Proposed method of transmission of radio waves-Reqst comment W RB-4:28-W
557518	4/15	To CO Anacostia	Assignment of Radio Research Problem- Gives instrns W
558602	4/18	H. C. Huser	Reqst inform rel to obtaining radio appra listed from Navy with price of. W To Gives inform 4/23 Fwd S&A 4 26
557894	4/19	To Comdt's- IM Yards Supt Annapolis Navigation 5/3 W. Crt 18 ss-R st equipt listed be furn. 5/11 W Fwd May 5-23 To Cavite- 7-14	Recreational Facilities Suggests maintenance yards endeavor to have their shore radio stations equipped with authd recreational allowance as far as possible during fiscal year W To Comdt s-yards Cancell multiple let 4/19 no addnl recreational allowance can be made 4/28

APPARATUS

Number.	Date.	From or To—	Subject.
559614	4/27	To Pug Snd	Ack receipt of monthly radio report W Pug Snd 6/14 W
559628	4/27	To Phila	Give list of data obtained from reports—Cost of repairs of surveyed radio material W CROSS - 689-15-600-3 To Phila Request inform as listed 5/3 To Phila—Ref cost of repairs to material 6/9
560060	4/27	To Bu of public Roads	Dept Agriculture as pamphlets issued on advan- tages of continuous wave transmission or allied radio subject W
560403	4/27	NY	Request instrns specns listed be fwded. W To SO NY Fwd cc specns 5/3
561207	4/30	P. S. Fox	Ask if can purchase wireless apprs. W fwd S&A 5/4 To 5-4
556209	4/13	To Navign	Radio apparatus on Vessels—Request inform 635-3 re to apparatus for personal of the Naval reserve force -W
561704	5/3	Dillingham, N.Y. (T)	Police conference—ask if Navy has any radio sets for sale. 7. To NY City Tel 5-4

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Number.	Date.	From or To—	Subject.
✓ 554141	3/26	Hickok Elec. Instr. Co.	Request specifications cov instruments used in radio telegraph. To Hickok Elec instrument Co Fwds cc Specen 3/30
542326		SEE CARD 274	To Earl C Hanson Disappvd- investigation to be made 3/30 To L.I. Gives instrn re investigation 3/30 To E. C. Hanson 3/31 W MI 4/28
✓ 554114	3/29	To Norf (T)	To E.C. Hanson- 5-11 Radio research conference postponed until 4/8 W
8 554682m	3/30	Norf.	Fwds copy of articon on practicable books on radio engineering submitted by H A. Hallborg. W Fwd Dir intelligence 4/2
554132	4/1.	To IL NO	Assignment of coordination letter-Monthly report W
555105	3/30	To Inapn GE	Reqst in future all contra correspondence 629 or true copies relating to design alterations Acceptation or rejection of radio app be fwdsd with comment to insp concerned W
✓ 554852	4/2	To Dir Intelligence	Reqst there be purchased cc of Funkentelographie fur flugzeuge" by Erich Hermann- W

1921

Number.	Date.	From or To—	Subject.	
~~554882~~	4/2	Fwd Intelligence ✓	Article for Publication ✓ O I D	
✓ 555378	3/28	Pug. Sd.	Apparent error in Bureau's monthly radio report of 1/1- calls attn to. W. To 13 Dist- re Error in Monthly report	4/11
✓ 554864	4/4	To IM NY	Request to turn with monthly report W N.Y.- fwas monthly radio report for Dec. 4/9W	
✓ 555709	4/1	C. Speaker	Request authority to subm to institute of radio engineers. paper entitled "Polophase Rectification". W. Fwd Lier Intelligence 4/6	
✓ 555837	3/31 Fwd S&A 4/12	F. C. Simpson	Request be placed on approved list of bidders for radio apprs. W. To- Gives "nform 4/12	
✓ 555975	4/5	W. S. Gady	Fwds copy of abstract of paper on new methods for maintaining constant frequency in high frequency circuit. W. To- Ack receipt of newspaper To Annapolis fwas paper listed 4/15	
✓ 554741	4/8	To LI	Request of correspondence mentioned in F. C. F. W. MISI. 4/16 W.	let
✓ 556206	4/12	To C. I. Farrand	Gives "nform re possibility of securing as civilian radio man at one of yards W	position
✓ 556216	4/12	To Washn	Fwds Vandyke of plans listed W	

Number.	Date.	From or To—	Subject.
548597	1/30 2/24	Eng. H. B. Dow Pac. Fleet	Request final disposition of report cov system for instln of high power arc radio appra in places involving use of long trunk To Pac Fleet Gives inform 3/15
548577	2/25	GE Co. To GE Co be returned to works To GE Co Gives detld inform 3/15 re material location 3/16 Washington 4/14 W	Ask if sample GE appra listed ship to Washn for test will be returned. W. Fwd Comdt Washn. rel problem 64- W 3/1 RB 3-10 To Washn Hqst listed property be // Fwds copy of letter from J. Malone of Australia stating inform listed, rel to radio matters, be furn. W.
549833	2/26	Natl. Resch. Council	
550223	3/7	Nerf. n	Fwds article entitled "Practical Talks on Radio Energy" by E. E. Hallberg- ask if publica tion authorized W fwd Intel 3-10
15802-204W	2/7	Eng—Supt NA	Radio Telegraph- Secret and Conf. Publications. (Outgoing)
15802-204 W	2/7	Eng WSS ARIZONA	Radio Telegraph- Secret and Confidential Publications. (Outgoing)
550749	3/9	Hammond Labr (A.F. Murray)	Request copy of manual on Nav. aircraft radio. W. To has no cc 3/19
550772	2/24	Pac. Min Force	2/25 Subm list of monthly radio reports burned W.

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Number.	Date.	From or To	Subject.
550745	3-12	To Washington	Outlines procedure to be followed in conn with specs for sheet insulating material. W
551808	3/2	Bur Stand Labr.	Fwds article by A. Gross rel to hysteretic generation theory of electro magnetic valves. W
552186	3/10 3/18	Miss J. Holmes Communications	Request inform rel to wireless telegraphy for thesis to be written. W. To Josephine Holmes no mat available for distribution W. 3/21
552373	3/16 3/18	Hall Elec. Co. Communications	Request inform rel to spark transmitters. W Fwd S&A 3/23
552648	3/23	To Dir Intelligence	Reqt cc of report W.
553527	3/24	G. W. Bean	Request inform rel to insulation also reat status data on Cayey insulation for lecture to be given. W. To Mr Geo W Bean 4/13
553099	3/26	To Comite-His Yards	Reqt be turn list of major items of radio equipment W. RB 4/16 W. RB 5/7. New Ori. W
to card 278	MI- Subm Boston- 4/11	report. 4/7 W.	Key West 3/31 W
554087	3/24	Hon. W. F. Stevenson	Fwds letter from M. E. Brockman asking if wireless outfit can be loaned to Schools at Chester, South Carolina. CW. To-- 3/29

Number.	Date.	From or To -	Subject.
✓ 545712	2-12	To Comdts IM's	Assignment of radio problem 106- "Investigation of means of reducing harmonics and such at arc trans stations W Phila. 2/19 W To Phila 2-26 To M. Island 5-7 Fug. Bd. 11/29 W To MI Commons on excellent report recd 7/28
545709	2-12	To Director Nav Intel	Request auth publish article "Determination of Atmospheric Disturbances or Static in Radio Telegraphy" by Dr. Austin W RB 2-15
546057	2-15	To Comdt Washington MI Ph Anacostia. Bur Standards Phila- Fwds data for recvg and power batteries. 4/12 W. Ann- Fwds data for Bureau manual. M IS-fwds data for BU manual-4;14	Tube trans of all kinds except for use on Bureau manual data for W To MI via NY- Bur manual 2-23 Anacostia- Fwds article on aircraft radio equip. prepared by Lehr. 3/29 W MI- Fwds notes covering administration of radio material activities-3;31-W MI- Fwds data for Bureau manual. W 4/1
546467	2-16	To Bur Standards	Fwds copy of paper by A. Fraas for comment W
546861	2/15	Norfolk	Fwds article by H. A. Hollberg entitled "Practical talks on Radio Engineering". W. Fwd Intel 2-19
546375	2-28	To J H Hammond Jr.	Fwds bprint of report. W

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1921

Number.	Date.	From or To--	Subject.
547113	2/16	Boston	Radio Rech. prob. 19- report no progress O M W
547420	2/18	Koenig Bros. To Old Post Road Garage 3/15	Eqat instrn books cov radio set. W. To Old Post Road Garage- 2-25 Koenig Bros- Eqat instrn operation of set purchased. 3/10 W.
547041	2-21	To Wash	Enamel finish for metal cabinets and panels W
547624	2-21	To Boston	Verification of type SE 100 5B amplifier W AS 5-5
547630	2-23	To Comdts IM's Annapolis- Fwds daily reports. 3/23 W N.Y. Subm analysis of cost. 4/9 W Annapolis Sta. 4/14 W. Dist. Subm report recd from Darlen 4/27 W PH Subm report on operation of arcs. 4/11 W	Interference caused by High power stations can service due to arc breaks functioning for long periods of time without being utilized for signalling W 3/16- daily reports. W I- Monthly operation log. 3/15 W Annapolis Station- Daily reports. 3/21 W Annapolis-4:25-W
548023	2-24	To BROOKLYN	Acknow receipt of confidential publications F
548023	2/15	CO BROOKLYN	Fwds monthly radio report 11/1/19. SW.
548369	2-26	To Comdt Mars Island	No copies available for distribution W

APPARATUS

1921

Number.	Date.	From or To—	Subject.	
542326	1-25	To Mare Island T	Regst fwd note book containing notes of	
1/25		EC Hanson- 2-9-21 fwd.	E.C. Hanson while employed under special	
EC Hanson- complaints against naval auth at			contract on development of radio system. W	
is mutilating his radio note book-3:12			To E.C. Hanson- re: action taken 1-25	
542329	1-26	To Naval Communications	Mar 1st - (2) Book fwded by registered mail.	
			1/27 W	
			Radio telegraph- bulletin published by	
			D.C. S. Puget Sound- Recommends reduction	
			in size, also distribution be restricted	
			to radio stations within District and personnel	
			concerned in maintenance and operation of same W	
			Common actions- 1/27 action to loan Dist. 1/29.	
542934	1/25	C. T. Major	As if possible to borrow films and	
			slides of radio activities for annual conven-	
			tion at N.Y. W.	
			To G T Major 1-27	
13659-197	1/20/21	Eng--Comdts DCM'S	Radio Telegraph- Tunes for shore sta-	
			tions of the Naval Communication Service.	
542527	1-26	To Boston T	Regst info battle ships buzzers installed W	
			To NY Tel 1-26	
			Re: 11 buzzers installed on USS NY 1-24 W	
			Re: 11 buzzers installed on	
			USSA & USSAWA. 1/27 W.	
543759	1/2	Communications	Copy of letter to Fleets re: to difficulty	
			experienced with arc transmitters/ W.	
544233	2/1	T. D. Messick	Request quotation covering district radio	
			instruments offered for sale. W.	
			fwd S&A 2-4-21	
544459	1/2	Washington	Subm recommendations with estimates cov-	
			ering 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000	MI- 2-12 RB 3/21 with estimated. W
CARD MI- 295		To MI- Re:st inform rel shipment cc	To MI Auths man of arc chambers as est listed	
		bottom 1/4/22	cc Washn-boston- IL NY- P H- San Juan 3/26	

1921

Number	Date	From or To	Subject	
543776	2-2	To Atlantic Flt F	Asks if 25 volt loud buzzers for radio room intercom battleships satisfactory—Bar must arrange purchase for Pacific Fleet. Bar 2-10	W
54479	?	A. R. Zamoli	Asks if any can supply certain wireless apparatus for Navy reports. fwd S&A 2-8	
544891	2/4	Washington	Request prints of 12 MW arc converter be furnished.	
544510	2-5 2-12	To Anacostia	Broadcasting tech bulletin to amateur radio stations— W To American Radio Relay League—rel bulletin which will be broadcasted for info amateurs	
545309	2/4	J. A. Browley	Asks if can purchase radio telephone receiving and sending set for H-2 flying boat. fwd S&A 2-10	
545416	2/6	Washington	Request information as to spare time and club hours radio amateurs and details gov. W.	
545220	2-10	To Cham	Request copies of radio reports be mailed to P.H. Tutuils Guam and Cavite W	
545416	2/9	Washington	Request information as to spare time and club hours radio amateurs and details gov. W. fwd S&A 2-14	

APPARATUS

1921

Number.	Date.	From or To	Subject.
537793	12/31	Insp. GE	Subm list of material shpt to Washn. Yd
	Fwd Washn	cc Insp. r GE 3/22	which was loaned by Navy to GE Co. W.
	RB 4/2	W	fwd Washn 1-14 4- RB 1-15
	To Insp. r	GE 4/4	To Insp. GE 1-16-21
538589	1/4	Bur Stand. Resn. Labr.	S. St. Order from W. to GE radio 1-16 5961
			Use of word "Radio" and its derivatives - in conn with Roentgen rays and allied phenomena - rqst instrns covering. W.
539385	1/5	N.Y.	Correction to wiring diagram of Morse hand. Key- was print. W.
485496	FROM CARD	257	Phila- Quarterly report. 1/6 W. Phila- 4/14 W
538779	1-10	To CO OHIO	Reqt for brints and vandyke on comp radio
	00 PHIO 2/17	W.	Problem 70 radio synodynamic control W
			33 OHIO 2/19 W
			propose this special report on design
538780	1-10	To Charleston	To CO OHIO 1-26
	Classn. 1/14	7	Eds brint. plan for coordination of work
			at yards for use in conn with numbering of
			all radio drawings W
539096	1/7	Lowenstein Co.	If bureau desires radio tube number bulletin returned, search will be made in Co's files for same. W
			To 1-12

N. Eng. 134
APPARATUS

1921

Number.	Date.	From or To--	Subject.
539313	1-11	To G.S. Davis Tropical I R T Co	Rel. appointment of Thursday with Comdr R satisfactory. W
540381	1-15	To Norfolk	Confirmation of phone conversation between Lt Comdr Keiffman and Lt Cdr Rice, clv of Lard Port, re. installn of radio are set on the HAWK EYE. 2/7
540715	1/14	Art Lakes	Request for Chief Electrician W.B. to Comdt 9th regt. Further info 1-22
541622	1/16	W. R. Johnson Communications	To Comdt 9th Dist- 3-1-21 To meet list of books, bulletins, etc. published for use of Navy, also list of instruments, etc.
541784	1-22	To Comdt 9-10-11th	To J R Johnson 1-31-21 Request for pamphlets. W
541966	1/21	Bath Smith MacMillan	Request information rel to quality of to Bath Smith MacMillan Co: comments 1-27
542048	1/22	N.Y. Dept	Monthly radio reports marked confiden- tial - as it will so be reader. R To L.Y. 1-25
541215	1-24	To Comdts IM's	Request Ex. R Sta be placed on mailing list for copy of radio report compiled by yards W

1920

Number.	Date.	From or To—	Subject.
534814	12/15	To Mare Island	Request for reports W Mare Island 12/22 W.
534818	12-16	To Washington	Authorizes mfg of radio trans apparatus for force in W apparatus. W Washn-12-23-W
✓ 535357	12/14	P. Hillagas	Request inform rel to radio trans offered for sale. Paul Hillagas request info rel sale of radio apparatus by Dept 12/20
✓ 535580	12/5 12/17	Survey 3d Dist MIA	Request list of radio material and recommendations for sale selling price. W. MIA 12-27
535638	12/17	Lowenstein Co.	Request thesis by L. Fuller on electrical arc for producing high frequency oscillations be 12/22 W.
535886	12/4 12/17	CC Flaco Navigation	Radio stations listed be sent for radio stations 12-23 To CC Flaco 12-23
535858	12-22	To Washington	Design problem 123- class B determination of suitability of current transform. circuit for Co-stellar stations W
537597	1/4/21	To Marine Corps	Request for information on suitability of present type in re radio apparatus needed for Marine Corps. W Not desirable to secure any more sets of present type. 1/28 W

Number	Date	From or To	Subject
531396	11-24	Washington	Request info on ammonia constants of vessels on which modified 2 kw Fed arc trans will be used W
531147	11-27	To Firms Redmon Chemical Co. Ask if test or Formica compounds satisf. 12/3 W Formica Insulation Co. 12/3 W Formica Insulation Co. Mids sample 12/3 W To Wash 12/30 3 2/15 W 532348 12-2 To 1st R G.M. T To Insp GE 12/7	Suggests find sample of laminated insulating material for test to rad. Wash Continental Fibre Co. - 12/3 W Diamond State Fibre Co. - 12/3 W Continental Fibre Co. 12/31 W Notify Edwards re conference - asks if can be present W To Insp GE confirm or tele on 12/4 Insp GE - (1) conference in N.Y. 12/9 Satisf. 12/3 W Insp GE - 12/3 W Request find drawings and photos CO OHIO Wash drawings 12/13 W To CO OHIO re drawings 12/14 W CO OHIO 1/10 T re find drawings 1/5 W Request find drawings
532101	12-2	To CO OHIO CO OHIO 1/10 T To Wash 1/14 W Photos. 1/4 W	Request find drawings and photos CO OHIO Wash drawings 12/13 W To CO OHIO re drawings 12/14 W CO OHIO 1/10 T re find drawings 1/5 W Request find drawings
532102	12-2	To Phila 12-2	Request find drawings
532352	12-3	To Washington	Revis print, revised classification W
532293	11-29	W. Russell	Asks if govt radio apparatus is for sale W and SA 12/8 6
532602	12-9	To N.Y.	Request prints of revision of drawings listed W re prints 12/16 W
532616	12-11	To Wash	Request addtl wandrke copy of drawing Washington 1/17 W

APPARATUS

270

Number.	Date.	From or To—	Subject.
525925	10-27	A.H. Grebe	Are in position to manuf. radio apparatus of all kinds; W fwd 11/8 A.H. Grebe 11/5 to A.H. Grebe— must be given opportunity to do this. f.w. photos. 1/1 fwd 11/8 2-12 Ask if can secure certain radio apparatus for experimental work; W fwd 11/8 10/29
525859	10-23	W.H. Pancost	
525729	10/30	To M.I.'s Comdts	Rdvs revised classification numbers for radio apparatus; W
525659	10/30	Fwd CAR	Chasn. 11/4 Request vandyke revised list for classification to work on destroyers; W approval
526243	10-27	Precision Equipment Co.	Ask if can obtain power tubes for radio transmission for experimental purposes; W To 11/4
526362	11-1	To Fed Tel Co. T	Our decision re five kilowatt arc sets not yet made R.P. Schweirn: (T) request Bu advise if their bid for 22.5 k.w. set will be entertained; 10-29; W
526927	11-2	Wash	Rdvs vandykes of drawings listed; W
526261	11-12	To Anacostia	Assignment of radio research problem. 91W System was letter from J. H. Burnell to Anacostia. 1-15 918 To Anacostia. 1-15 918

APPARATUS

Number.	Date.	From or To—	Subject.	
527033	11/1	Phila.	Request addtl rates of radio bulletin be furnished. W Phila-11:24 W To Phila 12/6	15-A
527350	10/30	Lared Island	Wms description of radio apparatus installed on vessels ARCSLOOK FALGUAH and SEAGULL and TRUSSOL. W.	
527456	11/4	GE Co. (T)	Battleship sets will be ready for test 11/9 W.	
525286	10/25	Fed Tel Co	Wms chopper report from battleship VALOUR: W.	771-2
527865	11/1	A. Tregner	Wms description and vandykes showing use of antenna safety links on vessels. W. To Dept- 11/29 RB 12/2 authorizing payment of \$250. W.	
528160	11/8	Fed. Tel. Co.	Wms instrn books. W.	
528257	11-11	To C&R	Reqt expedite delivery of new ventilating sets for install on battleships. C&R-11:24 W	W
528260	11-12	To Major F.J. Behr Radiodynamic Torpedo Unit	Cannot supply reports as reqstd W	

ALBARRAS

1920

Number.	Date.	From or To--	Subject.
501742	FROM CARD 261		
	Pearl Harbor- 6/3 W		Washington- Characteristics of elec
	fwd Commun 5-25/21		power supply. Annapolis Sta. 10/4 W. 920-1. ✓
	fwd Commun 7/5		Washn- Characteristics of elec power
	To Dir Communication Gives inform 10/22/21		supply at Arlington Sta. 10/2
	To NO (T) Ask when map radio station		15th Dist- 10/1 Subm report of characteris-
	will arrive 10/21		tics of elec power supply. 10/4 W.
	To Pug Snd (T) Ask when Data		Guam: comments with prints on reliability
	will arrive 10/21		of electrical supply; 10-27: W
CARD		To Commun 3-12	
292	To NY (T) Ask when data and maps will		To D NY Reqst maps or prints to turn 3/17/21
	arrive 10/21		To Pug Snd- Reqst maps or prints 3/17
	To NY (T) Data and maps to be mailed		N.Y. 3/24 W.
	10/25-10/24 W		Pug Sd- Fwds prints. 4/2 W.
	N.Y. Fwds vandykes of various stations		San Juan 4/14 Subm addtl data. W.
	with reports on characteristics. 10/27		fwd N.Y. 5-9 RB 6/30 with print. W
	New York 10/28 W		To Pearl Harbor- reqst copy of map 5-12 cop
	To NY- 11/3		Commun
	To Dir Comm- Fwds Plan 11/4		To E. Orins- 5-12
	Fwd Dir communications 11/8/21 RB 11/17		To Nav Commun 5-12
	Fwd NO 11/19 RB 12/16 W		Pug Sd- Fwds prints of Alaska Sta. 5/21 W
	To Pug Snd (T) Reqst reply 12/2/21		fwd Commun 6-3
521093	10 5	Communications	Fwds article appearing in "Engineering"
			covering metallic accessories for radio
			apparatus. W.
521445	10/6	Solicitor	Fwds copy of contract with American T/I/Co.
			for right to manufacture and use certain
			patents relating to radio apparatus owned and
			controlled by said Co. W.
521624	9/24	Bur Standards	
	10/7	CLR (CANCEL. see	Reqst instruments listed be loaned to
		736-4)	Bureau of Standards. W.
			Bu Standards; 10-30; W

APPARATUS

Number.	Date.	From or To—	Subject.
521591	10/1	Brown University	Ask if Bureau can loan apparatus to University radio Club To Brown University 10/22 Brown University- Request report on test. 10/29 L To A.D. Palmer- Brown University- cannot make loan 11-23
522625	10/7 10/15	Bd. Survey Phila. S.A.	Fwds copy of letter from Virginia Ship Bldg. Co. requesting radio apprs listed be sold to them. W. To Ship Bd confirmation 10/20 Ad SIA 10/19 Ship Board Approves sale of radio apprs to Va. Ship Bldg. Corp for CALIN H LIVINGSTON. 10/18 W
522629	10/15	To War Dept	Cannot furnish copies of monthly radio report as previous reqst. W
524272	10/19 CANCELLED	Ports. - 609	Fwds form 96-B for radio and telegraph reports- Request copies of W
525059	10/13 10/22	Pug. Bd. C&R	Request authority covering incidental work in conn with instn of auxiliary radio room on destroyers. W.
525492	10-5	To L. Standards Washn Dad Washn. 12-28 To H G Cordes- Puget Sd. in rel paper fwded 87-B 2-19	Radio research facilities Assignment of Research Lab; not necessary to do experimental work: 10-29; W To Dir S&A. Sds- collects 1 recs 11/4 To H.G. Cordes via Puget Sd. comments on problem 87-B 11/6 Pug. Sd.- Sds. Report on resch problem 87-B with copy of paper on "Gasoline suppression by means of barrellal resonance" by H.G. Cordes who desires to submit application for cash reward. 12/9 W

APPARATUS

1920

Number.	Date.	From or To--	Subject.
517425	9-17	To S&A	Reqst sh pmt of radio apparatus from Washn to Great Lakes W RB-4;27-W
517442	9-17	To Washington	Reqst report covering radio research problems- W Washington Progress report. 12/3 W
519461	9-26	To Atlantic Fleet 413	Radio tele instrucs reqstd rel radio installn on battleship Force at home yards. W
519337	9/20	New Orln.	Fwds change of material sheets covering radio apprs. W.
519621	9/27	Korl.	Swm list of radio apprs for sale at yard. Rd S&A 1-18-21
519558v	9/24	War Dept	Fwds request of Col E Russel to be placed on mailing list for monthly radio report. W.
519742	9/27	Dept 6-2	Fwds copy of letter from Naval Attache, Lond. in conn with exchange of radio inform between Commander Cooper and British Admiralty. W.
519959	9/29	Fed Tele Co.	Ask if Bureau still desires 20 sets of 2 EE drawings. To S&A 10/19 fws letter of Fed Co To Fed Co 10/18

APPARATUS

1920

Number	Date	From or To	Subject
520282	10-2	To SNA	Reqt shipment of radio condenser from Washn to Annapolis W 4624-- 1B 1-10-21
519474	9-30	To P. . via SNA	Reqt radio material be turned in store at Fleet base recd from Base 27 Plymouth England W
520556	10/1	Naval Intelligence To Intel- fuds for comments 11/30 on "What is the Matter with Our Navy Radio." W. To Intel- fuds. 11/18/12 with field ending 11/18/16 Rd Secty 12/29 RB 3-9	Fwd's request from Bowden to publish article and Intel via com 10/12 To Sir Intelligence Gives infam 10-16 Naval Institute 11/3 W.
20386	9/6	<u>Montreal Star</u>	To Comdr Hewitt- Annapolis- fuds copy 12/1 Article on automatic transmitter being tried out by British Navy. W.
520837	10/5	To SNA	Reqt shipment of am. oter from Washington to Annapolis W
520845	10/5	To SNA	Reqt shipment of material from Annapolis to Reiter South Co W
520842	10/5	To SNA	Reqt shipment of radio app from Washn to Newark N.J. W
520841	10/5	To SNA	Reqt shipment of app from Washn to Fitts W
520843	10/5	To SNA	Reqt shipment of am. oters from Washn to Cambridge W

Number.	Date.	From or To—	Subject.	
514646	8/17	Norfolk	Copy of letter to Board of Appraisal and Sale, listing radio equip available for sale with prices. W.	
515933	9/2	Boston	Notes advertisement for sale of Navy material, probably stolen. W.	
516035	9/5	Wireless Imprvt Co.	Two list of manufg equip owned by Co. W.	
515947	9-9	To Nav Communications	Sub report of structures and characteristics of radio installation, including list of stations at Pearl Harbor, Hawaii and K. UNAKAKAI. W.	
515832	9-10	To Nav Intelligence	Rept publications on intelligence. Two copy of French publications covering General Review of radio telegraph. 10/25 W.	W
515830	9-10	To IM's Comdts	Rept D.M.O. Great Lakes haso Comdt P.H. be placed on list of radio reported W.	
516200	9/9	New Crk. - Copy -	Mississippi Harrier Service desires to purchase radio sets for Mississippi river tow boats. W.	
516541	9/10	Fed. Tele. Co.	To N.O. none for sale. have 1/2 kw sets for sale. 9/14 Two low pages to be inserted. W.	

M. 37.776

1920

Number.	Date.	From or To—	Subject.
✓ 515837	9-11	To 1(1)	Rel complaint of Associated Press delay receiving Pearl Harbor for publication. Request action for satisfactory service. In of W
	12th Dist: fws correspondence for action: 9-22: W		
	are Island fws copies of correspondence. 9/30		Mare 18: (1) reports on South City arc: 9-17: W
	Fwd Dir Commans 9-29 RL10/5 W.		are Island- (7) - Not over 30 minutes delay in press message. 9/15 W.
✓ 515834	9/13	To GE Co	Re all copies order be addressed to Chief of Bureau, instead of Mr. Johnson W
516557	9/14	To BSA	Request shipment from Washington to Bureau Standard Pds. #340 RB 10/7 W.
			Stand Pds- Report on defective vacuum tubes. 10/5 W.
516549	9/14	To N.Y.	Request for drawing: W
			New York- Training is already in Bureau. 9/21 W
✓ 516555	9-14	To Kilbourne & Clark Mr. Co T	Advised shift Rm's 9/3 from Westinghouse Lamp Co. W
517328	9-15	Automatic Switch	Fws print of special ~~alcohol~~ alcohol control valve for use on Federal Co's arc sets: W
	fwd Wash 10/21		To 9/20
	To Auto Switch 11-19		Automatic Switch Co.- Will ship sample 9/21 W
	Automatic Switch Co.- Can make switches required easily. 11/20		Automatic Switch Co.- Automatic elec control valve for trans arc fwsd to radio test shop Washn 10/9
517424	9-17	To Comds W's Stas	Radio tele uni wave arc signalling systems for medium power shore arc stations. Request precedence W
	42 fws data on uni-wave key. 10/5		mis and ship be made- Gives order of precedence W
Card 272	Guantanamo- Copy of action to San Juan. 10/13 W.		Washn - Request report on arc radio telephone set. 9/29
	Mare 18 and fws arc performance report at Mare Island. 10/12 W		Request West- Copy of data furnished Washn. 10/1 W
	Fwd Washn 10/22		are Island 9/23
	Key West 10/21 W.	To Washn 10/29	Mare 18: fws report on arc performance of 12 K.W. arc radio transmitter; 10-15; W
	To		9th Dist; 10-20; W
	Cavite-Copy of action to Washn. 10/30 W		10/21 To Comds Com FCE 11/11

Number.	Date.	From or To—	Subject.	
512952	8/10	Pearl Harbor	Monthly report of radio equip on hand.	W.
512968	8/17	Fed. Tele. Co.	Ask if any objection to furnishing small arc sets for educational institute. W. Fwd Com. 9/10 RE 10/12 W.	
512813	8-23	To Comdt MI	To Fed 10/14 Request action. 9/28 W. History of employment of E.C. Hanson, to develop an audio frequency wireless system. Request fwd data in re to for use in claim now pending. copy DMC M.I. Here is: original report was fwded Sept 13, 1917: 9-8: W	W
513147	8/24	To CO Nav Airship Detach Howden Yorkshire England.	Placed on mailing list	W
512811	8/24	To Fed Tel Co. 2/18 W. 896	Request fwd resume of status of radio patent applications. Fed. Tele. Co. - Fwd's status of patent applications not yet allowed. 10/1 To Fed Tel Co. 12/29 W. To Fed Co. 2-14-21	W
513327	8/23	DMC	Fwd's lectures on radio telegraphy turn by Naval Intelligence. W.	
513151	8-25	To S&A	Reqs shipmt of blinker signal set from Washn to Dept. W	

APPARATUS

Number.	Date.	From or To—	Subject.
✓ 513150	8-24	To Naval Attach Paris	(T) For Comdr Hooper- advise rel sale ranch. W To Paris (T) for Hooper- 8/30
✓ 513589	8/25	Naval Intelligence	fwds translation of French papers on radio subject. W.
513625	8-30	To Washington	Reqst alterations be made in drawing. fwds W Washn- 10-1 Washn- fws prints. 10/22 W.
✓ 514418	8-31	To Washn.	Reqst fws Vandykes W Washn- fws vandyke battery charging panel. 9/3 W 882-1
514549	8/24	War Dept	"Journal Telegraphique"- fwds copy of. W.
✓ 514496	8-28	Westinghouse EAM Co	Ask if navy can sell 30 k.w. and are set Poulsen type: and 11/12
✓ 514575	8/30	Radio Tele. Co.	are constructing ship to share business; and if navy really shore stations to SEA. fwds copy of letter 9/4
514675	8/30	Washn. fws	Send special report on Uni-wave signal. and 11/12
514417	8-31	To Boston	Ask Comdr. Attach report and diagram of uni-wave signal system. - EAM CC Pw/3d. 9/7 W Reqst for vandykes and copies of special report Boston- fws report on condensers. 9/7 882-1. W

APPARATUS

Number.	Date.	From or To—	Subject.
509234	7/30	Receiving Ship, Frisco	Request radio school be put on mailing list for monthly radio reports. W. To Red Ship— fnds radio reports - 8-13
509236	8-6	To Comd Washn	Preparation of specfns for lead storage batteries for receivers. design problem 51- W To Washn. Request work be completed 9/6
509524	8-9	To IM N.Y.	Reqst yard prepare instructions for care and preservation of radio equipments when laying up vessels and care thereof, while vessels are layed up. WD
509540	8-9	To Benjamin Elec Co	Reqst subm sample buzzers for test. W. Benjamin Elec Co; fnds samples for test; 9-10: W To Washn. 9/17
510437	8-11	To Comd Boston aopla Comdts IM's	Radio telegra h fndg of monthly radio reports. Reqst place DUMC Great Lakes on mailing list. see 510325 919-1
511154	8/7	GE Co.	Request drawings and other data on plugs and parts. To G.E.— fnds print- 8/13
511569	8/9	Pug. Bd.	Request radio type number book with index be furn. W.
511695	8/10	Navigation	Request material listed be furn for training reserve force, Salem, Mass. W. f. J. May 8/26 8/30 W. To Boston. advise if in store 9/1

APPARATUS

Number.	Date.	From or To—	Subject.	
512044	7/3	Mare Island	Was special reports on test of single wave system South Priaco Bay antenna at Chafo Heights and running receiving circuit. W.	
511605	8-18	To Carnegie Steel Corp.	Request copy of "Pocket Companion" for file and reference.	W
511606	8-18	To National Tube Co.	Request copy of your "National Pipe Standards" for file and reference. W	
512416	8/14	Mare Island	Was report covering running automatic relay and static reducing devices. W.	
512512	8-18	To Ports.	Request copies of radio report be mailed to Comdr. P. Harbor and Cavite. W	
512510	8/18	Wireless Spec. Appr. Co.	Request letter of recommendations for their cooperation during war. W. To Wireless Spec. Co. do not issue as not for best interests of govt. 8/20	
512023	8-19	To S&A	Request shipment from SO Washin to Phila grid leak and condenser for radio lab. W	
512026	8-21	To M.I.	Action has been taken in re to supplying tracing cloth. W	
512025	8-21	To M.I.	Request copy of M.I. letter of 6/1 Mare Island Was copy of letter of 6/1. 8/28 W	

ALPHABETIC

1920

Number.	Date.	From or To—	Subject.	
507393	7-29	To S&A	Request for material for Army supplies. To S&A request advise if available cream for GUANAJATO 7/30 RB 8/30 W.	W
508277	7-29	End S&A 71	Radio telegram to Dept air mail service order RB 112 7/29/20 for insulators.	W
507931	7-29	To Comdt Washn	Instruction books for radio receivers. Request info covering 7 RB 8/4 W.	
507406	7-29	To Comdt IM's Com	Tests with radio transmitters in the vicinity of shore radio stations W	
508279	7-29	To Comdt Washn	Rel visit of Mr. Thompson to test shop.	W
508278	7/28	lang. S&A	Test & delivery to purchase radio receivers listed by P. H. Case. RB 8/3 RB 8/12 W fwd S&A 8/20	
508278	7-30	To Westinghouse Co	Have mailed copy of public resolution 48, covering pending contract between Co and govt. W	

Number.	Date.	From or To—	Subject.	
✓ 508723	7/22 7/30	Washington S.A.	Subm list of material loaned. W. Bwd. L. Washn 8-4	
508662	8-2	To Secty via Sol S-12	Radio telegram re proposed contract between International Radio Co. and government for exchange of licenses under radio patents.	W
✓ 508657	8-2	To Eur Standard Is	Radio telegram, checking of assigned wave lengths of transitting stations.	W
508658	8-2 11/13 NI 6/8 To MI- rel	To Comdt M. Island W action taken-- 6/20	Radio telegram, checking of assigned wave lengths of trans stations re is dated 8/24 - Mar day on which vibrator may be expected from French Govt. 9/24 To M.I. 9/17/20	W
508659	8-2	To Comdt Pearl Harbor	Radio telegram, checking of assigned wave lengths of trans stations. W	
508956	7/30	Desty.	Request latest standard plans of radio instln for Destroyers. W. To Atl Fleet Adv. Ring-9 Atlantic Destry. 12/10 Prints not recd. W	
509368	7/13	Europ Forces	Subm general inform rel to radio apprs in Corinth Canal. W. To Europ Forces. To RO OLYMPIA via Comdr Asistic Forces. action taken 8/11	
509751	7/31	Fed. Tele. Co.	Request conventional signs used in drafting for electrical drawings and wiring diagrams be furnished. W. To Fed 8 9	

FABATUS

1930

Number.	Date.	From or To--	Subject.
✓ 505996	7/19	221.012.	Request for various surplus radio equipment at special price as may be obtained. W. 706
		CANCELLED- 797	
405585		FROM CASE 251	Atlantic Fleet 7/19 W
505606	7/20	S&A	Request authority to sell all obsolete and surplus radio equipment at special price as may be obtained. W. 706 To S&A. rel sale 7/27.
505959	7-23	To S&A	✓ Request shipment of ammeters and milliammeters from Chic Co to Dept. Room 2429- W
507121	7-23	To Cutting & Washington	Request to surplus of detectors for sale. Suggests communicate with S&A. W

N.S.E. Form 134.

APPARATUS

Number.	Date.	From or To—	Subject.	
✓ 507121	7/7	Cutting & Washington	Ask if Dept has any wireless Specialt. Co. detectors for sale. W.	
507173	7/23	Y&D	No further monthly reports showing status of engineering work under Y&D will be furn. W.	
507562	7/15	Dept of Interior	Request obsolete radio material. 30. Transferred to Dept of Interior for use of Bureau of Education, Alaska Division. W.	be
	7/18	SLI- Copy of action. 9/13 W		
	7/18	Reduset S&A (T) ask if issue of material is authorized: 9-16: W		
507933	7-28	To C. Townley Creston House Co	Red S&A 9/13 (T) Reply telegram proposed exhibits and resolution will be mailed tomorrow. joint W	
507925	7-28	To C.T. Anderson	Fwd's copy of booklet, "Outline of tests on electrical insulation materials for use in radio apparatus. Request fwd sketches. W	
507934	7-28	To A.G. Davis G.E. Corp	Fwd's copy of contract between Red Co and Dept. re purchase of Poulsen radio appr and stations W	

APPARATUS

1920

Number.	Date.	From or To--	Subject.
502178	6/23	Mare Island	Prospective CO. Calif. request be place on mailing list for monthly radio report. W.
501299	6-29	To CO'S	Reqst forms 25 E annual report of radio installed in the field W CC-3-6- Subm report. 7/2 W
501304	6-28	To G.D.	Adv copy of summary of traffic handled and other data, report over phone. W
502009	6-28	CIRCULAR LETTER D-12	Monthly radio report- Suggestions in re to circulation of, and suggests radio officer conduct monthly examination of personnel upon contents of each issue W-M Inscr Lake 8/3 W To Bridgeport- placed on mailing list. 8-13
502414	7-2	To Comdt Washn	Req. t subm design of Intrafleet radio equipment not as model W Washn-8-6-Fwds blueprint description of model TA Interfleet equipment. W
502426	7/2	To SEA	Req. t submit of radio appr from Wash to Dept W
502433	7-5	To Naval Com Memo	Reqst representative be present at conference in radio division. W

Number.	Date.	From or To—	Subject.
✓ 503264	6/23	Europ Forces	Lists radio apprs which will be loaned to French at Portiera. W.
✓ 504028	7-13	To Atlantic Fleet 413	Conference on July 16th in reference to radio equipment on PENNSYLVANIA ARI. ONA and NORTH DAKOTA at N.Y. Reqt send representative. copy to IM NY
✓ 505113	7/12	War Dept	Fwdg signal Corps technical radio reports covering work on developing radio sets during war. W.
505406	7/14	For	Request latest editions of type number list be furnished. W.
505618	7-14	To Radio Corpn	Advises will cooperate with Co in com m th development of control system Anna polis To get rel above 7/14 Radio power Corpn 7/15 W.
505019	7-14	To Comdt MI	Reqt and info on constants of circuit single wave syst m So Francisco station W are island- 8/21 W.
505022	7-14	To J. H. Hammon Jr (T)	Reqt advise if representative can attend conference July 20th Bureau W need data. 7/15 W

APPENDIX

1920

Number.	Date.	From or To—	Subject.
497850 8	6-8	To N.Y.	Radio telegraph-landline communication and control circuits for radio and compass stations 3rd Dist. Request report in re reducing expenditures New York 6/23 W N.Y. 3/10/21 W.
49955 0	6-16	To Insp G.E. (T)	Comdr Hooper will be in Schenectady Friday and Saturday this week W
499914	6/16	SEA	Request copies of revised radio apparatus type number bulletin. W.
500128	6/15	M.&G. Allen	Ask if Navy has any wireless outfits for sale. R.D. SEA 6-19 W
500393	6/12	Mare Island	Provide description of radio instln on board vessels listed. W
500120	6-22	To Washington	Request subm design. to be know as problem 99 to Bur. continuous wave reception without heterodyne. for instln of equipment at Bar Harbor. W To Washp- request advise rel problem 99- 12-9
501287	6-24	To N.Y.	Request find 100 copies of tracing cloth W N.Y.- Provide tracing cloth. 7/1 W.
500869	6-24	To Washington	Request drawings of all types of wave changers designed to Bur for file W Washington 7/3 W

APPARATUS

1920

Number.	Date.	From or To—	Subject.	
501042	6/18	Mare Island	Request instructions rel to stowage of 2-k.w. arc sets at yard; 7	689-7
490292	FROM CARD 259		Insp. Fed- Wds contractors quotation cov drawings. 6/25 W. To MI- request obtain drawings from Wad Co chargeable to San Diego allowance 7/8	
501871	6/28	Mare Island	Wds inspection reports on vessels listed. D.	
501742	6-28	TODNO COMDES IN's	Characteristics and reliability of elec power supply to medium and high power radio stations which are dependent on power supply outside of yards or stations. Request report W	
Key West- recommends consider installing emergency supply at St. Pet. return station. 6/4 W.			Request- Wds points of the transmission line W. Resp. at 6/28 with characteristics. 7/12 W	
TO CARD 269		Pearl Harbor- Wds report with map of island of Oahu in conn with characteristic and reliability for stations. 7/30 W.	Station- Wds characteristics power station of W. Resp. of Wad. W. Power Co. with report cov characteristics and reliability of power line instruments. 7/13	
		Mare Island- For Beach Sta. 8/20 W.	W. Resp. at 7/13 with report on transmission line. 7/15 W.	
		Mare Island- For Hulewood. 8/20 W.	Request- OLE data requested. 7/12 W.	
		Mare Island- South San Francisco 8/20		
		Charles Heights 8/20 W		

Number.	Date.	From or To--	Subject.	
494079	5/15	New London Sub Base	Request nec data covering radio material recd from ME Co.	W
494171	5-18	To Comdt Phila	Fwds sample case ant nms and fitting. mfg at Phila for Ohio- comments reqd Phil 5/29 instn of battle ship equip- fws prints, 5/29 W.	W
494622	5-20	To S&A	Reqst slpmt from Washington to S.E. radio ap aratus. W	
485255	FROM CARD 257 7-3 Y 2D 7-27 cc L.O. Y&D- Copy of action to New Orln. 7/31 W		New Orln- Subm. recommendations with detailed comments. 5/18 W. To Comdt L.Orlns- rel quarters L.O. 5/21 cc Communications New Orln- estimate cov insnsn of quarters. 5/28 W.	
494627	5-21	To S&A	Suggestions for assisting liquidation of N.S.A. account. W RB 5/25 sales.	
494891	5/20	ins r Brook.	Request prints of Weston type of radio instruments be furn. To Insp'r Brooklyn. Fws specfns 5-4	W
48112	5/19	To S&A	Gives list of equipment purchased from West for slpmt to various Naval High Power Radio Stas. W	629

APPARATUS

Number.	Date.	From or To—	Subject.	
495210	5/21 5/22	3d Dist Communications	Boy scout organization request authority to release photos attached of radio stations in conn with publication of story written by them. Ad Director Naval Intelligence 5-25	W
495577	5-27	To Naval Intelligence	Reqst translation of copies enclosed. RA 9-18; W To Dir, Dist 10/7 War Dept. 6/12/7. War Dept 10/12 W.	W
495573	5-27	To Comdt Washn	Reqst copies of revision of drawings be fwded. W Wash-Lista vandykes fwded by special messenger. 6/9 W.	
497020	6-1	To Magnavox Co. B.C. Fridham Chf Engr.	Confirms verbal conversation- Asks furnish for test instruments. W	
497379	6-7	To Comdt in Chief Atlantic Fleet	Reqst fwd lists of items of radio material essential to comprise radio spare part allowance list of each type of vessel. W	
498144	5/21 5/23	L. W. Brillhardt Mar. island	Ask if can purchase radio apprs for school use. Fd S&A 6-16	W.
497852	6-8	To Norfolk	Reqst fwd catalog to Comdt 15th Dist. W copy Comdt 11th Dist	
497858	6-9	To Washn	Reqst fwd drawings. W	

R E C E I V E D

Number.	Date.	From or To	Subject.	
489211	4/15 4/17	Seattle 13th Dist	Ask if monthly report for 2/1 will be furn. W To 13th Dist - fws 4/27 RB 5/17 W	
✓ 489212	4/1	J.L. Allen	Request copy of monthly report be fwded to aris in future, instead of London. To Naval Intelligence. fws copies 5/12	W
✓ 489401	4/20 4/22	Dept of Interior S&A	Request radio apparatus listed be furn Interior Dept. in Yosemite. fwd S&A 5-1	W
✓ 489540	3/8	Asiatic Fleet	Request complete set of radio plans and and stock books be furn.	H.
489156	4-26	To S&A	Request shipment from Airc Factory Phila to Phila S.O. radio appr. W: RB 9-18; W	
490292	4/28	To Mare Island	Have no record of receiving MI letter 1/20 rel copies of drawing etc Mare Island 5/6 W	W
TO CARD 261		To Ins in Palo Alto. request fwd drawings to M.I. 5-4	To Comdt M.I. request information 5/13	
490727	4-30	To Communications	Request report as to what circuits or individual stations are considered to be not satisfactory from a personnel-operation point of view. as regards radio material facilities.	W

APPARATUS

Number.	Date.	From or To--	Subject.	
489584	4-30	To Comdt Puget Sd	(See 919-1)	
491315	5/1	Amerl an Institute Elec. Engineers	Letter to Eur standards asking if Cdr Hooper would be willing to give radio talk before Baltimore section.	W.
491832	5/4	1st List	Fast copies of monthly radio reports listed be turn	W.
493109	3/21 5/7	CO BLD REPORT Atlantic Fleet	Subm report of inspection of radio apprs on various vessels.	W.
493470	5/10	Guarantee Trust Co.	Fast inform re credit standing of E. J. Simon To Guaranty Trust Co. report unfavorable re above 5/15	W.
493521	5/12	Sd. of Survey, Norf.	Ask reason for wide variation in amount asked for radio apparatus on catalog of material to be sold.	W.
493752	5/8	Rare Island	Request inform be turn regarding data to be filed under class number of radio coordination system. To Comdt K. Island- Gives info 5/24	W.

APPARATUS

Number.	Date.	From or To—	Subject.	
✓ 486733	2/20	Marconi Co. of England	Letter of introduction for J. D. White one of Company's engineers.	W.
✓ 486759	4/18 4/19	Washington S&A	Request condemned radio material listed be advertised for sale. fwd S&A 4-19	W.
✓ 487026	4/5 4/12	L. A. Morrison Communications	Reqst information relative to sale of used radio apparatus by Navy - W fwd L.A. Morrison via CO TEXAS. may be obtained from S&A 4/14	
✓ 487825	4/16	American R/r Corpn	(T) Request conference 4/19. To American Radio & Research Corpn (T) Re: your despatch 16th 2 PM Mo. day will be convenient. 4-17	W.
✓ 487901	4/16	Beth S/B Corpn.	Insulators and aerial wire found out of plant on roadway leading to Sparrows Point; ask if property of Navy. cross To Cat 5th Dist. reqst investigation 4-23 To Norfolk, asks when info be fwded 5-8 Norfolk 6/4 To Beth Shipbldg Corpn. acknwl info - 6-8 Reqst S&A take action to have material at various yards removed from list enclosed and transferred to Washn Yard. W	W.
487601	4-19	To S&A		
488313	4-20	To S&A	Reqst shipment from Norfolk to N.Y. automatic starter. W RB 6/8 W.	

APPARATUS

Number.	Date.	From or To—	Subject.
488531	4-20	To Judge. City Court 5. N.Y.	Advises that Mr. F. Lowenstein, is engaged in important contracts covering radio material in Navy. To Fritz Lowenstein— Fwd's letter as req'd 4-20
471268	FROM 253		To Comdt Phila— Request summary of radio compass bearings be fwd'd 4-21 Phila— Fwd's data in detail. 4/23 W Phila— Fwd's records of bearings. 5/14 W. N.Y.— Fwd's records of bearings taken by radio stations. 5/14 W Phila— Fwd's data sheets. 5/14 W. N.Y.— Fwd's report. 7/12 W. N.Y.— Report on bearings taken by compass stations. 8/17 N.Y.— Fwd's reports on radio compass stations. 7/10 W. 11-13 N.Y.— Fwd's report on bearings taken by compass stations. 11/12 W. Anacostia— Subm report on variations in direction of wave front in transmitting stations. 10/11 W. N.Y.— Fwd's record of operations taken by compass stations. 11/12 W. To Phila— 11-13 To Phila— Acknow report 11-13 Req'd fwd copy of monthly report. W
488543	4-22	To Comdt Phila	
488549	4-22	To Federal Telegraph Co	No objection to publication of instruction book for models K and Z 2 w arc radio trans provided no reference made to Navy contracts or type numbers. W

APPARATUS: RADIO

-1920-

Number.	Date.	From or To—	Subject.	
✓ 481628	3/10	13th Dist	Reqst Keyport Station be provided with all back copies of monthly radio report	W
482118	3/11	Atl Distr	Fwds comments and suggestions from vessels of Flt relative to improvements in radio installation - W	
482358	3/18	Phila	Confirms telephone conversation in connection with test of 2 kW arc installation on EPHAN ALLEN work at Bethany Beach Compass Station installation of telefunken at Cape Henlopen station and calibration of compass stations in 4th Dist - W	
482497	3/6	Wash. Test Shop	Submits report on radio apparatus turned over for shipment from Wash to Bu. -W	
✓ 481993	3/18	To J.H. Bunnell & Co	Reqst fwd catalog of apparatus applicable to radio. W	
✓ 481992	3/18	To Natl Elec Supply Co	Reqst fwd catalog. W Natl Elec. Supply Co - fwds gen. supply catalogue - 3/19	
✓ 481991	3/18	To Manhattan Elec Sup	Reqst fwd catalog. W	

APPARATUS RADIO

Number.	Date.	From or To—	Subject.	
481990	3/18	To Trumbell Elec Co	Reqst fwd to Bureau catalog of appr applicable to radio. W Trumbu Elec. Co. Fwds latest catalog. 3/23	
✓ 482583	3/9	J. B. Dow	Reqst permission to publish article on radio telephone. W Fwd Intelligence 3/20	
✓ 483022	3/22	Washington	Maintenance of spare parts for new radio equlpt on East and West Coast - recommends radio stock catalogs containing type numbers and base yards be issued periodically. W To Wash. Yard - Concurs with suggestions of establishing stock of spare parts. 4/28 W	
✓ 483354	3/13	Electro Importing Co.	Ask if Bureau has any obsolete wireless apparatus for sale/ fwd S&A 3/26	W.
✓ 483571	3/24	Radio CORON of America	Request list of radio apparatus available for sale. fwd S&A 3/26	W.
✓ 483739	3/12 3/24	Great Lakes S.A.	Subm list of radio material on hand, available for sale. fwd S&A 4-7	W.
484420	4-8	To S&A	Reqst shipment from Washington to Dist Forester Service Ogden, Utah. W radio appr.	

APPARATUS: RADIO

Number.	Date.	From or To—	Subject.
484848	3/30	Naval Academy	Request monthly radio report Dec. 1918 to July July 1919 be furnished. To Annapolis. 4/3 DA.
485255	4/1	A. O'Brien	Subm report on inspection trip to New Orleans, Isabel, Galveston, Port Arthur and Mobile To N. Orleans- reqst recs 4-13 copy DCS 8th To Cdt. L. O. via IM advise rel use of quarters for radio personnel 4-12 copy COM.
TO CARD 260		To Nav. via Com- rel inspection of station Pt Isabel 4-14 To IM N. O. improvements Pt Isabel 4-13 cc M. C. Com Y&B 8th Dist Pt Isabel 4/3	
485411	4/3	Nav. Intelligence	Fwds pamphlets in French, subm inform in conn with radio telgrm sy. To Naval Intelligence. reqst translation 4-16 W
485573	4-5	To Naval Communications	Reqst list showing authorized complement of all fixed radio stations, other than radio compass stations, but including light vessel stations, and personnel now assigned to various stations. Communications- fwds list of radio station complements. 4/8 W.
485496	4-6	To Comdts-Boston Phila Charleston Puget Sd	Instructions in re to subm quarterly reports of material on hand. W Aug. 10. 4/10 W.
TO CARD 273		To Phila fwds copies of latter	To Phila. rel reports 8/17 Phila 8/18 W.
485546	4/5	Phila- quart radio report of material actually on hand. 10/15 W. Great Lakes	Request catalog of type numbers for radio apparatus be furnished. To G. L. cannot furnish this time 4-10 Great Lakes 4/15 W.
462089	4;6	9th Dis	Ask if material is to be retained for use at various radio stations in 9th Dis. W

1920

Number.	Date.	From or To -	Subject.	
484286	3/27	Bur Standards	Fwd copies of various radio reports. To Bur Stds 4/3	W.
315207	FROM CARD 236		Ports- (T)- Request authority to install batteries in Eagle 57. W X 2-Z-6 3/29 fwd Comd M.I. 3/29 RB 5/12 W To Ports (T) 2/30 SAA- Returns requisition. 4/3 W. New Grin. 4/6 W. Shipt order from Washn to M.O. 36 vacuum tubes 4-21 RB 5/15 W. Phila - 4/29 - W Shipt order from Wash to Phila 5/7. Phila - 5/13 W. CO CHIO 5/21 W. To M.I. auth mfg C-16 Shipt order from Wash to M.I. radio 6-16 To SAA. reqst status of shipt 7/27 Phila- status of batteries. 8/3 Shipt order from Wash to Phila cells 8/9 RS 11/23 W SAA 8/9 W	
484420	3/18	Dept. of Agriculture R. B. Adams - (2) - Request GE Co. be directed to release radio sets for Forest service. 6/28 W.	Request radio equip including rec sets and radio telephone instruments for locating forest fires, etc.	W.
484265	3-31	Memo for Naval Intell	To Dept Agriculture- confirmation of phone conversation 7/8 copy SAA Article by Andre Rebsonen on "Souvenirs of Arcachon". No objection to publication, but refer very little to radio.	W

APPARATUS: RADIO.

-1920-

Number.	Date.	From or To -	Subject.
✓ 479603	2/26	M Is	Submits report on condition of radio apparatus recd at M Is Yd via Navy transport service - W (Cross to Mare Island - Complaints and Shipments) fr 5 & 3/6
✓ 479906	3/5	Navigation	Fwds letter from Congressman C. J. Thompson requesting literature on wireless telegraphy be furnished R. Thomas. To C. J. Thompson M.C. - No books available for free distribution. 3-11 W.
✓ 479446	3/4	To Radio Corpn. Radio Corpn of America- 4/21 W. To Radio Corpn. Acknow 4-24	Reqst fwd general outline of activities including circuits in operation and proposed circuits, with prospective dates of completion etc, for use of Interdepartmental Economic Liaison Comm. which is interested in re to application to foreign and domestic commerce. W Radio Corpn of America 3/5 Radio Corpn of America- Fwd program, 4/16 W. To Radio Corpn. Acknow receipt of general outline of activities 4-19
✓ 480081	3/5	Radio Corpn of America	Subm points to which delivery of 18 alternators now building, will be made. W. o Operation via Communications- fwd's copy of Radio Corpn letter for information. 3-12
✓ 480304	2/29	Haraden Pratt	Desires to address Institute of Radio Engineers San. Frisco. on information rel to high power radio station design. To H. Pratt- 3/9 (permission granted) W
✓ 479463	3/5	To Cdt Washington	Reqst prints be fwd W

APPARATUS: RADIO

1920

Number.	Date.	From or To—	Subject.
480058	3/8	To S&A	Reqt shipmt from Washington to Navy Dept radio appr. amendment of shipt order 3/18 W
480998	3/11	Phila. Communications Off.	(T) - Ask if motor buzzer sets shall be installed on battleships and destroyers listed. W, 4th Dist- (T) - Request action 3/12
✓ 481545	3/12	Gt Lakes CANCELLED.	Submits list of radio material on hand and available for sale - W
✓ 481574	3/8	CO WYOMING	Reqt be placed on mailing list for monthly radio report - W
✓ 481198	3/13	To CO'S Cdt Wash	Radio telegraph, ground clamps for motor buzzer sets. new ground clamps have been mfg and are being shipt, for installn. W
481200	3/13	To Cdt Mare Island	Reqt copies of prints. Mare Island- fwd's vandykes. 3/25 W W
✓ 481683	3/15	International Com. of YMCA	Ask if any radio apparatus and accessories are for sale - W fwd S&A 3/19

APPARATUS RADIO

1920

Number.	Date.	From or To—	Subject.	
475982	2/13	Phil..	Fwds list of radio drawings numbers under coordination system.	W.
476654	2/11 2/14	Bar Harbor Boston	Request copy of latest publications giving type numbers of radio apparatus.	W.
475720	2/17	To J.M. Co.	Fwds copy drawing, test of sheet insulating material.	
477287	2/12	Mare Island	Request information on data as to standard arrangement and plans of radio telegraph.	W.
477082	2/20	To DCS 3rd Dist via Com	Reqst copy of bulletins. W copy IM N.Y.	
477332	2/24	To Comdt Wash	Reqst permission be granted representatives of G. E. visit radio test shop. Lists W	
478132	2/14 2/19	CO NEW MEXICO Pac.Fleet	Fwds report of Ens.J.B.Dow on system for installing high power arc radio apparatus in place involving use of long trunks.	W

APPARATUS: RADIO

Number.	Date.	From or To—	Subject.
✓ 478005	2/26	To DM ✓	Reqst all reports having bearing on technical radio be routed to this Bur. W Naval Intelligence- 2/27
✓ 478886	2:28	Sanl S Myers ✓ 7-2-3	Submits request for authority ~~to~~ for a client for license to operate under Poulsen and Telefunken patents Also authority to use Sayville station. G To Sanl S. Myers- 3/5
✓ 478230	2/28	To IM Ports	Reqst copies of monthly radio report. W Ports. 3/5
✓ 478232	2/28	To Cdt Puget Sound	Reqst for additional data in monthly radio report W
✓ 479465 ³	2/27	Fed. Telegraph Co	Fwds letter from J. B. Disbrow requesting catalogue of radio apparatus - W To Cdt Weeks 3/6 - Fed Tel Co 3/6 Fwd - fwds van dykes of shock absorber 3/15 Fed. Tele. Co. 5/13 - fwds booklets on transmitters. W
✓ 479526	3/1	Gt Lakes 3-4	Reqst copy of catalogue giving type No.s assigned to radio apparatus - W

APPARATUS RADIO.

-1920-

Number.	Date.	From or To—	Subject.	
✓ 471863	1/22	Solic	Fwds bill of Vreeland Apparatus Co covering amount due on assignment of US Government. To Vreeland Appr Co- fwds bill for signature	896 896 2/4
✓ 471861	1/9	Federal Telegraph Co	Gives reasons why devices developed should be made at Palo Alto factory and not at some East Coast Yd. in connection with figuring on radio apparatus for Goodyear Rubber Co, etc-W	
470496	1-24	To Comdt Wash Washington-Subm list of discrepancies. 3/6	Design problem No.75. Perfection of break key system. W To Washington- amendment 1/29 Washington- Rqst for designation of design number cov erection of complete standard battle ship instn. 1/17	
471268	1-24-13	To Ny To Cdt Phila 3/18	Wave Front Variations. Study of. W To Phila. W 1-24 To N.Y. readings acceptable 1/30 N.Y. 2/12 To Cdt Phila 3/26	
258	1-24-13	Phila- Subm report on wave front variation. S.E. May and Bethany Beach Corp Stations. W. 3/19 (2 Wave lengths) Direction Finders. Phila- Report has been fcd to Bur. 2/27 N.Y.- 3/12 To IM NY 3/24		
472217	1/28	To Cdt Washington Washn- Fwds copy of report 11/15 W Washn- Fwds report on design problems. 12/8-W	Fwds advance copy of Monthly radio report W To Washn Rqst Data 9/2 Washn- Fwds reports on various design propellers 9/13 Washn- Fwds preliminary report on design problems. 10/7 W.	
✓ 472239	1/28	To Bureau Stds	Rqst pamphlets on radio communication W Bur. of Stand- Fwds pamphlets requested. 2/2	
✓ 473042	1:27	Sub S, G Co	Have asked Thermophone Co to put Bureau on their mailing list. W	

Number.	Date.	From or To—	Subject.	
472350	1/30	To N.Y.	Reqt fwd tracing cloth. W Y.- Tracings fwded by express 2/3. 2/5	
473448	1:31	C&R	Copy of letter to Pug Sd stating plan showing top mast and rigging for radio installation on NY or ARKANSAS & WYOMING satisfactory. W	
473768	2/2	15th Dist. Copy	Request fwd bureau instruction booklet RE-78-A-108-A. To Cdt 15th Dist 2/7	W.
474507	2/6	Washington	Request latest additions to type number list be furnished. Washn. 5/11 W.	
474508	2/10	To N.O.	Reqt duplicate copies of reqns. W New Orln- Fwds copies of requisition. 2/13	
475399 2/12		To Cdt Washington	Reqt radio drawings applying to reqns be fwded to Bur for issuing to mfgs. W	

A. PARATIS RADIO

1920

Number.	Date.	From or To—	Subject.	
467906	1/8	European Forces Copy	Request radio apparatus listed be shipped. To European Forces (T) 1/28 Europ. Forces - Copy - Amplifiers not de- sired. 1/29	W.
467616	12/8	European Stand Tech Bulletin	Comments on test and various investi- gations. W.	919
467298	1-8	To Comdt Phila	Report of Monthly Radio Progress Conference of Dec. 15th. W	
467299	1-8	To I.L. Ny	Report of Monthly Radio Progress Conference of Dec. 15th. W	
467300	1-8	To Boston	Report of Monthly Radio Progress Conference of Dec. 15th. W	
467301	1-8	To Pug Sd	Report of Monthly Radio Progress Conference of Dec. 15th. W	
467302	1-8	To M Is	Report of Monthly Radio Progress Conference of Dec. 15th. W	
468560	1/9	Wireless Spec. Appr. Co.	Will send Mr. Henry to Washington to ex- pedite catalog matter. To- Reqs representative confer with Lt. Comdr Conway 1-12 Wireless Spec. Appr. Co. 1/14	W.

876 APPARATUS; RADIO

1920

Number.	Date.	From or To—	Subject.
✓ 468302	1-13	To E.P. Edwards GE Co	(T) - Desire to have Beckman at Bu 1-15th for battleship control conference. Inform if date is convenient. W To J.H. Hammond (T) - Reqs be present at conference. 1-13
✓ 468993	1/12	Martini Kuhn Corp.	are in position to fill orders for production of electrical, mechanical and radio apparatus. W
✓ 469626	1/14	M. L. Melville	ASK if radio applications may be purchased. W To - No surplus material in items listed. 1-19
✓ 469835	1/16	Communications	Subms letter from H.A. Garver requesting information re: radio material. W.
✓ 470450	1-21	To D.N.I.	Reqs for Telefunken Catalogs. W Nav. Intelligence - Fwis Telefunken catalogs. 4/10 W
✓ 471436	1-13	Lieut HY Moneratti	Submits observations made on VTAN while at Boston and en route to Southern Drill grounds covering hammond set. W
470834	1-22	To Phila	Special Report RL 3A 1684. W
471505	1-23	Washn	Submits list of drawings giving installation details of standard battleship radio equipmt received. W

1919

4-3351

Number.	Date.	From or To—	Subject.	
✓ 467218	1/5	E. J. <u>Simon</u>	Request list of number designations. To—Present issue exhausted: 1-6	W.
✓ 462521	FROM CARD 247		Philis— Request characteristics of radio transmitter. 1/5	
467775	1/2	Pug. Sd.	Deck scuttle for removeable antenna insulating for emergency radio room - fws prints. W. Fwd CAR 1-22 RB 4/27 W. fwd CAR 5/4	
467290	1-7	To 13th Dist	Fws copy of radio report Serial #167. W RB-1;26	
✓ 467801	1-10	To Wash Hd	Fws prints Force Tune System, radio apparatus. W	

APPARATUS RADIC

Number.	Date.	From or To—	Subject.
461825	FROM CARD 247.		N.Y. 12/20 Chasn. 12/19 9th Dist. 12/23 Ware Island 1/8 Coco Solo—Request two addtl copies. 1/2
460104	from card 246		Battle Ship Div. 5—Request instrns cov new forced tune system, radio apparatus. 12/19 Corf.—Fwds instrns for instln of forced tune system, apparatus. 1/3 W. N.Y.—Fwds drawings. 1/8 CO NEVADA 1/7 1/8 Aug Sd—instrns for installation of forced tune system—fws prnts—1;16 ?? fws prnts—1;21 Pac Btlship Div 6—lists drawings—fwded—1;17 CO ARIZONA—1;20—fws prnts drawings—1;20 Corf.—Fwds list of prnts of forced tune system. 2/2 To Cat G.L. 2/7 copy CO and Com To Cat Great Lakes 2/21 CO ARKANSAS 3/12 To Cd. dts IM's CO's fws drawings 5/11 Boston—Fws prnts and of forced tune system 5/19 W. L.Y.—Fws revised drawings of forced tune system. 5:19 W. Phila.—Fws vandykes. 5/20 W. CO ALIZONA—fws revised prnts. 5/1 W.

Number.	Date.	From or To—	Subject.
465631	12/23	G. M. Christine	Request Bureau official deliver lecture on radio. To- Will arrange for Bu representative to deliver talk before your Association. W. M. Christine - 12/29 12-27 To- Will inform in ample time when representative will be present. 1-9
465075	12-27	To PAC FIT	Routing of recommendations for radio repairs and alterations. To be sent through home yards. W. To ATL FIT - ditto. 12-29
465314	12-27	To Yards	Radio Research Work - Authority for W Directs authority of Bureau be obtained before undertaking any work to avoid duplication. W
465071	12-29	To Comdt Phila.	Reqt for 6 sets of blueprints to be sent to E.M. Kinney, GE Co. W Phila. - Fwds vandykes. 1/8
465782	12-230	Fwd Operations	Proposed use of radio in conn. with maneuvering of Fleet. W Dept. Request progress report. 1/6
465786	12-30	To War Dept	Fwds copies of outline on tests on Elec ~~insulation~~ insulation materials for use in Radio apparatus. W

Number.	Date.	From or To—	Subject.	
464240	12/17	Boston	Fwds drawings and photographs of Hammond inter-fleet apparatus.	W.
460987	FROM CARD 242		Norfolk - No vessels at Yard equipt with British radio apparatus. 12/18	
464354	12/18	New York	Request New Brunswick be added to mailing list for monthly report - recommends stations listed be omitted from list; not in commission.	
463859	12-20	To Boston	Lists drawings desires prints of. W Boston- Fwds vandykes. 12/26	

Number.	Date.	From or To-	Subject.	
✓ 464574	12/12 12/18	E. J. Simon S&A	Ask if Bureau has any surplus lighting and send-receive switches; also radiation ammeters for sale. Fwd S&A. 12-27	W.
464664	12/20	Phila.	Request radio vandykes listed. To Phila. Drawings already fwded. 12-31	W.
✓ 464665	12/19	A. H. Grebe & Co.	Ask where application for purchase of surplus radio material should be submitted. To S&A. Fwds copy of Grebe letter with list of surplus radio material to be sold. 12-29	W.
464666	12/19	A. H. Grebe & Co.	Co. is equipt to build special experimental apparatus. Rigig Tool Holder Co 1/14. W.	W.
✓ 465625	12/26	Washington	Subm recommendations covering changes in drawings of buzzer communicating sets.	W.
✓ 465624	12/24	LeHigh Light & Power Co.	Ask if are placing any radio apparatus for sale. To S&A. 1-2	W.
✓ 465075	12-29	To ATL FLT	void	

Number.	Date.	From or To--	Subject.
42600	12/10	MR	Copy of letter to Atl 1-10-10 Flts call- 2-6 On 1-10-10 of 1-10-10 Flts call- 2-6 continue 1-10-10 Flts call- 2-6
✓ 462881	12/8	Hon. S. E. Burroughs ✓ Bur Standards- 12/16	Regst reports and publications be sent to Rev. Dan E. Ready, St. Anselm's College-W to Bureau Standards.- Fwds copy of above letter with regts furnish information listed. 12-12 To Burroughs- No publications outside the Naval Communications service furnished. 12-12 Makes appointment with Comdr Hooper to discuss Arnold Langmuir - 12-12 to (T)- Conference Monday satia. 12-13
✓ 463000	12/12	Albert G. Davis T	Regst authority to purchase radio apparatus at Key West to be installed on new club house which club will build - W W. J. Sears - fwds letter from Bimini Bay Rod & Gun Club - 12/12 Hon. Park Trammell - 12/12 To P. Trammell - 12/12 Fwd Key West via D.N.C. 12-15 RB 12/26
462864 To Hon. W. J. Sears for sale. 12-15 To Park Trammell To D.N.C. 12-30 Fwd D.N.C. 12-30	12/9	Bimini Bay Rod & Gun Club M.C. 12-17 12-30 RB. 1/5	Monthly Radio reports. Fwds monthly report for November to stations listed. W To Comdt Wash. ditto. 12-13 To Comdt Phila. 12-13 To I.M. New Orleans. 12-13 To I.M. N.Y. 12-13 To Canal Zone. 12-13 To Key West. 12-13
461825	12-13	To I.M. Norf	

Number.	Date.	From or To—	Subject.
✓ 463794	12/16	N.Y. Dist Com.	Fwds list of designating letters assigned to contractors left by the GEORGE WASHINGTON. W
463768	12/16	New York	Request drawings showing wiring for receiving a paratus on auxiliary station for battle ships and flag ships. W.
463842	12-18	To Comdt Wash	Radio Monthly reports - report of drawings issued • Notation of contract numbers. W To Cdt Wash- call attentio to former reqst 2/6
463858	12-19	To Comdt Wash	Three Piece Radio Apparatus by Special messenger. Fwds. W
463860	12-19	To ATL FLT	FLORIDA-UTAH-OKLAHOMA-PENN-ARIZONA. Installation of "time tick" circuits. Yards at which vessels are now undergoing repairs have been notified to perform this work. copy to CO's. 12-19 W To Boston Regts installation above work. 12-19 To Norfolk. 12-19 To Ny. 12-19 To Eng Sd. Fwds prints. copy to CO's. 12-22 N.Y. 12/31

ATTACHMENT: RADIO

Number.	Date.	From or To—	Subject.
460113	12/1	To S&A	Recd shipment from Coco Solo to Phila one SC tube S&A - Fwds correspondence. 1/5 Fwd S&A. 1-13. Coco Solo - Copy of action to Phila. 4/29 17.
461158	11/28	Puget Sound	Request for vandykes in conn with radio instlns on WYOMING, ARKANSAS & TEXAS. W.
461174	12/2	E. J. Simon	Request be notified in the event the Navy has any surplus material, radio, for sale. W To S&A. Note material avail for sale 12/8 Post - 12/11
461851	12/2	Wireless Spec. Appr. Co.	Fwds copies of new catalog hurriedly pre- pared in order to beat German Telefunken Co. to South American trade. W. X 746
To Wireless Spec. Co. Distribution of catalog will be taken up upon your next visit to the Bureau. 12-22			To G. L. Davis Wireless Spec. Co. (T) Request do not issue copies to other countries except Central and S. America, until after conference with Bureau 12/9
461994	12/5	Phila. b	Confirms telephone conversation in conn with wire to OCEAN & FLORIDA, p instln of arc sets on DRYDEN; shipt of arc sets for Shipping Board vessels, etc. W.
461499	12/8	To Comdt Washington	Fwds copies of plan. W copy Annapolis

Number.	Date.	From or To--	Subject.
461825	12/8	To Comdt Boston	Fwds copies of monthly radio report for
To Eng Sd. 12-15			Nov to stations listed. W
To Comdt Boston 12-15			To E.Y. 12/10
To Chas. 12-15		To Peking. 12-26	To Phila 12/10
To 18. 12-15			Bost - 12/11
To Guam, Marianas. 12-15			To Grt Lks- Lists stations radio reports being
To Pearl Harbor. 12-15			fwded. 12-15
To Olongapo & Cavite. 12-19			Submission of estimates for radio repairs
To Tutuila. 12-19			and alterations to vessels. Instructions W
461826	12/8	To IM's Cdt's Fleets	
462110	11/28	Mare Island	Ask if indexed class numbers in descriptive
			book have been abandoned.
			To MI 2/3
			To Comdt M. Island. instructions rel co-ordination
			system 4-19
462116	11/28	Mare Island	Request information in conn with proper
			classification of plans of Submarine signal
			devices
			To Mare Island. 1-17
			Mare Island 2/13
462321	12/10	To Cate Co's Air Stas	Rel to ins allm of type CG-4000 3.5 kw
To Chatham (T)-For Mr. Kinney. Be in			tube transmitters. W-
Wash. 12-19th, etc. 12-15			To Chatham (T)- edts truck at station Monday
To Cape May (T)-Bts fully charged 12 volt			to meet Mr. Kinney and baggage. reqts fully charge
storage battery be available at radio			12 volt battery be available at radio station
station for use Mr. Kinney. copy to Comdt			for Mr. Kinney's use. copy to Comdt Boston.
462340	12/10	To Postoffice Dept.	Phila. 12-17
			Fwds booklet, as reqst by rep Mr. Sibley. W

APPARATUS: RADIO.

Number.	Date.	From or To	Subject.	
459258	11-15 11-18	H. Stilson White House	Reqst auth to use radio app in Hydrographic Office in Duluth. To Cdr. Navy Radio Station at Hydro Office over which Bu. has jurisdiction. Are To Nav Hy Office 11/24 RB 12/19	W to 11/24
		To S&A- Repts shipment buzzer instruction set from G. L. S. dist to training station. 12-30 RB 2/26		
			Fwd Dept. 12-26	
459360	11-21	Independent Wireless Telegraph Co.	Reqst working drawings of 2 KW arcs.	W
458932	11/21	To S&A	Reqst delivery of radio material be effected from radio gear assigned Fleet Base from East. For transit to Wash for Bu Sids. W S&A 11-24 Copy of action to FSB-W S&A 12/19	W
459848	11-24	Wash. Yd.	Reqst cancl of certain job orders at Norf- States mat'l being manfd no longer needed. To Norf 12/9 copy Wash	W
459685	11/26	To Cdt Boston	Reqs drawings, force tune radio installations on battleships PL and U. H. W	



Number.	Date.	From or To—	Subject.	
460304	11-26	Atl Flt	Fwds copy of lectures delvd by Lt W J Maneratti on standard battleship installations. W	
459278	11/25	To I.M. Norf.	Force Tune radio Installation on Battleships. W. Fwds prints. copy to C-C ATL CO. 522-6	FLR and
459272	11/24	To Comdt Phila	Radio Installations on Battleships. Fwds prints. copy of ATL FLT and Co. W 133-5	
45349	11/20	Communications	Instructions effective Dec. covering tuning of radio apparatus for vessels and aircraft.	918
460104 TO C. H. D. 250.	11/28	To Cds IN's Atl Fleet 10's - Radio instln; instructions and prints are on board 12/16	Fwds copy of instruction book for installn of new Force Tune System Radio Apparatus. To NEVADA. Fwds encl 11/2	W-575
To CO's 12-23	11/29	Washington	To NEVADA (T) - Radio set instruction plans fwded 11-28th. Advise if now in hand. 12-15	
460765	11/29	Washington	Lists drawings fwded.	W
460765	11/29	Washington	Fwds report on mechanical details of radio equipt furnished by Internatl. R.T. Co.	W

APPARATUS: RADIO

Number.	Date.	From or To--	Subject.
457879	11/13	First Dist.	Request complete file of semi-monthly reports be furnished Dist. Communication Supt. W To 1st Dist- fws 12/5
458008	11/17	To Boston	Regst fwd Forms, Bar Harbor and Sea Wall Radio Stations. W Boston-fws form-12,10
448787	From card	240 To S&A	Request shipment from WYOMING to Washington British radio equipment on board W To S&A shipment from TEXAS to Washington radio equipment 11/18 To S&A shipment from ARIZONA to Washington 11/18 o Pug Sq- 12-19 copy to ARKANSAS TEXAS WYOMING. shipment order issued for shipment of all British radio material removed to Wash. 12-19 o NEVADA. 12-19 To Boston. 12-19 copy to UTAH & FLORIDA. To Norr. Copy to OKLAHOMA. 12-19
458373	11/18	To IM N. Orleans	Request acknowledge receipt of monthly radio reports. W

Number.	Date.	From or To—	Subject.	
458779	11/14	Mars Island.	Request copy of each monthly radio report since 7/1/19, be furnished W.	
458772	11/18	Washington	Lists drawings which have been fwded to Bureau by special messenger. W.	
458845	11/14	C. J. Harrah	Request information rel to different types of radio and wireless telephone set for installation on 60' express Cruisers. To 1-6	W
458883	11/14	Inspr Fed.	Request copies of monthly radio reports. To Inspr Fed. no extra copies available 11/24	W
458971	11/18	G.E. Co Washington - Report of test of grid-leak resistances. 2/5	Samples of grid-leak resistance units being shipped to Washington Yard for test G & Co 11-25 21 Washington test designated as design probl To Comdt Wash - Values as received to be issued as a basis of consideration. 12-18 Rail telegraph reinstallation of radio equip on battleships of Atlantic Fleet, in accordance with New Force Time System. Request extension of time stay of vessels, also extend to decisions in this matter. W cc to Atl Fleet	W
453015	11/19	To Secty		774

APPARATUS Radio

Number.	Date.	From or To--	Subject.
356376	FROM CARD 200		Fed. Tele. Co. - Takes exception to publishing what was claimed to be Co.'s secrets. 11/8. To Federal Co. comments on letter of 11-8, as far as Dept is concerned 12/3
457192	11/13	To IM N.Y.	Recd fwd prints of drawing. W N.Y. - Fwd vandykes 11/18
457530	11/14	To IM N.Y.	No objections to sale of three radio equipm re ord from SS and MARCOS L. PASSAS and SE REDUCES to Marconi Co. W
457531	11/14	To S&A	Rel to sale of equipment to Marconi Co. cc IM N.Y. W RB 12/2 Fwd S&A 12/8 To S&A. 1-8
458041	11-15	Wash.	Rest auth to proceed with manf of motor buzzer wheels and relays as spare parts for standard battleship radio instalns. Fwd Washington 11/18 RB 11-29 To Wash. 12/3 RB 12/8 To Wash 12/4 RB 12/8 W

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APPARATUS: RADIO

Number.	Date.	From or To—	Subject,	
✓ 454501	10:31	TP Pg Sd 595	On future reports sketches of the antennas of vessels under investigation to be incorporated on same sheet as data.	
✓ 455676	10:31 11:3	3rd Dist Com	Reqt be placed on mailing list for all confidential radio reports issued by Bu.	W
456584	11/10	To S&A	Reqt shipment from Fleet Base to Mare Is. radio antenna trf switch. W RB 12/17	
✓ 457120	11/8	Wireless Improvement Co.	Request complete list of type numbers assignments with calibration, of apparatus be furnished. To Wireless Impry Co— new issue in course of completion 12/5	W
✓ 457136	11/3	Wireless Imprvt Co.	Fwd description with photographs of latest radio instruments.	W
364216	11/5	To S&A	Reqt shipment radio apparatus NY to Aberdeen 875 To S&A Reqt cancellation of above 12-30.	

Number.	Date.	From or To--	Subject.
453583	10/24	To Cdt MI	Ackn receipt of booklets fwd for stations Beila Guam and Cavite, asks that more info be added to books along lines as given. W M I 11-17 Reqt vandykes of 500-KW arc con- verter installed at Cavite be furn. Mare Island 12/17
454367	10/24	Phila	Conf tel conv in con with charging panel for destroyers clearing line on O boats and receiving equip for Nevada. W
453848	10/25	To IM Norf	Fwds vandykes. W To IM NY- fwds vandykes 10/25 To Cdt Boston fwds vandykes 10/25
453865	10/25	To M&A	Reqt shipment from Phila to M.I. condenser rack for Leyden jars, and radio lightning switch. W
✓ 455004	10/27	To Hon. F C Hickam M. C. Com. Naval Affairs.	Encloses brief history of U. S. Navy and present status of Naval Com Service. W
✓ 454401	10/31	To Key West	If expense in instal of chain fall in power house is not in excess of maintenance allow- ance, same may be undertaken. Key West 11/6

Number.	Date.	From or To—	Subject.	
✓ 454611	10:11	Pearl Harbor 552	Plans for co-ordination of radio work at Yrd. reqst information concerning overtime of apparatus in con with To P.L. will not furnish plans at present shortage and Navy on 10/1 relinquished main of Ship Bd vessels 11/3	W
✓ 455040	10/27	To Bureau Standards 112	Fwd's copy of semimonthly reports of radio for aircraft. W	
455129	10:28	USE CAMDEN	States has not received semi monthly radio report following that of May 16, RE 2 A 198 1 and RE 2 A 199 A W To- Reports fwd on 8/16 and 9/1 11/4	
456218	FROM 234		To Cdt Puget Sound- reqst search equip be retained on board and turned over to State of Oregon along with vessel 10/30 TO S&A- Fwd - 10:31 To Phila- appvs method of survey 11/13	

APPARATUS: RADIO

Number.	Date.	From or To—	Subject.
450620	10;15	To Boston	Future experiments to be conducted with Bellini Tosi Radio Compass. W
450957	10;13	To Dept of Justice.	Give information regarding purchase from E. J. Simon. To IM Cds— reqst report be subm showing list of British radio app now at yds on vessels out of commission in reduced comm which vss have returned from European Waters. W 10/15 (See below)
451596	10;11	Independent Wireless Co	Reqst complete type number book be furnished. W Independent Wireless Co 10;21 To Independent Wireless Tel Co— fws copy of booklet. 10;20
451920	10;15	N Y	Reqst stand plans listed for radio instal on battle ships be furnished. W NY—lists material not received 11;3 To N.Y.— plans not yet completed 11/8 To NY— fws or wils 11/26 cc to Atl Fleet Co and Atl. OMA
450987	10/15	To IM's Cds	Reqst report covering list of British radio appr now at yards or on vessels in reduced comm or out of comm now at yard which vessels have returned from European waters, and which have on board such appr. W Ports 10;27
CARD 249	11/15	Phil— Subm list of British radio apparatus at Yard. 11/11 New York— lists apparatus at Yd. NY—lists British radio apprs on Board SAN FRANCISCO. 11/20	
451159	10;13	Post Office Dept	Are establishing radio station at landing field of Aerial Mail Service, asks if Bu can furnish apparatus. W To— no surplus of radio equipment, but if desires radio material, advise so action may be taken to replenish stock 11/1

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Number.	Date.	From or To—	Subject.	
✓ 452460	10;21	To Research Lab Wash.	Fwds copy of Monthly Radio Progress Conference held 15th.	W
452150	11;1	TO Post Master Genl.	Navy has no surplus of radio equip. in future asks to be adv in advance. W	
✓ 452461	10;21	To Anacostia Air Sta	Fwds copy of Monthly Radio Progress Conference.	W
✓ 452462	10;21	To Navy Yrd Wash	Fwds copy of Monthly Radio Progress Conference.	W
✓ 453175	10;20	Phila	Conf tel copy in con with A battery for destroyer 206 and 215, loop antenna for sub spare parts for merchant vessels, break down of charging units, Tuckerton Station, defects in radio compass etc.	W
452470	10;22	TO S&A	Reqt shipt of radio material in box 15, 16, 19 and 20 R B 12/12	W
✓ 453204	10;31	TO Industrial Mfrs, Commandants, Yrds.	USS OHIO to be placed upon mailing list for future monthly radio reports.	for

APPARATUS: RADIO

Number.	Date.	From or To—	Subject.
✓ 449162	10:5	Naval Observatory	Reqst nec infor. to erect wireless rec station at Lar Observatory. W To—advise of moderate sized equipment required by Victor H. Doushka, as stat located close to Arlington— in re to reqst for private wireless sta at Lafayette College Observatory Easton Pa 10/7
449320	10:3	Ports	Reqst copy of latest Bu plans and spec for instal of radio equip on vessels of Battle ship class be furnished. W To IM Ports— fwds drawings 10/28 Ports— Request addtl radio plans be fwded. 3/24
✓ 448408 <u>Below</u>	9:4	C Swayne	Asks if new parts of radio app removed from German vessels are to be disposed of by sale. W
✓ 448661	10/4	To Firms	Reqst that Navy apparatus be not described in publications without first submitting article to Bureau. W American RR Corp- 10:6 Tel Co 10:7 To Cutting & Washington—Reply to let of 10:6 10:10 Wireless Spec Apparatus Co - 10:21 Reqst representative of radio test shop be present at conference room 2423 on 15th W
448996	10/4	To Internatl Co— permission grant To Odt Washington	
✓ 448408 <u>Above</u>	10:10	To Mr C Swayne	Replies to lett of Sept 4th informing him about app removed from German vessels. W

APPARATUS; RADIO

Number.	Date.	From or To-	Subject.
✓ 449006	10/6	To CO OHIO	Fwds four copies of Bureau of Standard circular 74- radio telegraph. W
449796	10/1	Fleet Sup Base	Reqt copy of Bu shipmt order of 8th cov radio material. W To Fleet Sup Base 10/10
449922	10/7	Phila	Conf tel conv in am with radio app for Santa Rita, Nevada and Isabel.
449010	10/7	To Anacostia	Assignment of radio research problem 32- W in re to new method of re-rad of radio signals.
449659	10/9	To S&A	✓ Shipmt reqstd from New London to NY radio app for app work. W N.Y. material received Nov 10: W To N.Y. 12/2
✓ 449650	10/8	TO S&A	Radio app, sale to Midshipman. W

APPARATUS RADIO

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Number.	Date.	From or To--	Subject.
447110	9/25	To Cdt IM's	Change in semi-monthly radio report-
TO CARD		Ports - monthly report - 3/16	radio telegraph- Req subm monthly- W
324		Ports- Fwds monthly report 12/15	Ports- Monthly report, radio 11/1.
✓ 447111	9/25	To Boston (T)	Ports- Fwds radio reports. 12/1
			Ports- Fwds report 2/4
			Ports- Monthly report 3/2
✓ 447120	9/26	To Bureau Steam Engr.	151124 Buserg desires report Hammond Inter-
			fleet set be not inc in semimonthly report
			until report of this test has been vised
			by this Bureau W
			Boston-Fwds report on test on Hammond
			interfleet set. 9:27
			A. Gussley radio aid subm report of
			radio Leader Gear for Harbor engr ance
			work W
			To I.M. Ny- Fwds reports on experimental work
			recently at New London Sub.Base. 9-27
			711-5
447117	9/25	To Commanding Officers	Authority for A.M. Trognar to visit
		Manley, Belknap, Harding	ships and inspect radio equipment. W
447523	9/27	To C&R	Reqst expedite work-standard installn
Fwd C&R	10/18	RE 10:28	on Pa., Arizona, Nevada, N.J., Fla and
			Utah. W co to Atlantic Fleet
			C&R-Copy of let to Fwds directing expedite
			work. 10:3
447735	9/27	To New London	Fwds data on experiments conducted by
			Bur rap on visit to New London. W

Number.	Date.	From or To—	Subject.
✓ 448242	9;29	C&R 711	Copy of letter to various yards fwd prints of proposed stand method of rigging insulators on battle ships. W
✓ 448465	9;25	MI	Reqt policy concerning new radio instal for battle ships listed assigned to MI. W To MI 10/3
448034	10;1	Inspr GE	Summit sub estimate or details from present infor To Inspr GE (T) 9/30 (Re attendance conference radio control of battleships Mr. Beckman) To Inspr GE (T) 10/2 Inspr GE-Tel- Mr Beckman will be present on 6th. 10;3
448027	9/30	To Fleets CO's	Radio telegraph- new standard installation for battleships- will issue shortly instruc book covering. W
✓ 448045	9;30	New Or1 <u>Young Entry</u>	Quarterly Inspec report of Port Arthur Sta. W
✓ 448787	10/2	To CO's Battle Ship Div- E, Pacific Fleet 10:10 CO TEXAS- 10:13-Sub report of radio app on brd. CO ARKANSAS- 10:15 To Sec Staff from MI to Washington radio British equipment on board 11/18 CO NEVADA 1/6	Disposition of British apparatus- Reqt sub report giving list of British radio app recd on board while in European waters. W CO DELAWARE 10:6 CO OKLAHOMA-10:8 CO NEVADA 10:10 CO WYOMING-10:15 Atlantic Fleet-fwd correspondence in con with disposition of Brit apparatus. 10:21

N.S.E. Form 134.

APPARATUS: RADIO.

Number.	Date.	From or To—	Subject.	
443992	9-3	Dist Comm Supt	Copy of letter to Director Communication calling attention to reduction of communication activities due to lack of personnel. (cross)	W
444718	9-4	L W Brillhart	Request permission to purchase dismantled radio set.	W
444818	9-10	Puget Sound (T)	1 KW spark sets complete. Columbia River Shipbuilding Co ask purchase surplus. Request price. o Pug Sd(T) - No surplus stock one KW radio transmitters or receivers for sale.	W 9-13
444864	9-10	Communications	Submits copy of letter from Radio Electric Co regards info as to sale of used equipment. fwd SEA 9/23	W
445211	9/5	To Comdr S. A. Taffinder	Permission granted to publish article entitled "The Influence of Recent Radio Development on Naval Tactics and Strategy" by Comdr S. O. Hooper granted 5/8/19. No record of article referred to in letter of 8/20 to Sg 9/5 fwd Amersolis- 9/12 Naval Intelligence 9-5 Influence of Recent Radio Development on Naval Tactics and Strategy- Re approval to publish article by Comdr Hooper, Naval Institute.	8/20

APPARATUS: RADIO

Number.	Date.	From or To--	Subject.	
✓ 445241	9/15	To S&A	Re: ship from Norfolk to N.Y. radio equip removed from USS KORTLAND DER NEDERLANDS W RB 11-29	
445558	9-11	Atl Fleet	Radio telegraph report of progress of work standards installation W	93
445908	9/19	To Cdt Washington	Alteration of type number-- W	
447287	9:13	MI	Finds drawings. W	
✓ 447046	9/23	To Naval Intelligence	Request for authority to publish attached article, Comdr. Hooper. W Re: Naval Intel 9/23	
✓ 447523	9:23	Atl Fleet	Sub report of progress of work on stand install. W	

APPARATUS: RADIO

Number.	Date.	From or To—	Subject.	
✓ 441678	8:20	KC Co	Request copy of type number book. W To K & Clarke Co. name placed on mailing list 8/28 K & C Co.— Ask if new addition has been issued 8/28	
✓ 442155	8:26	Naval Intel	Request info re invention offered by Lt Col P E Stogor of Russian Navy to U. S. Navy To Naval Intelligence— request refer request to Admiral Smith Inventions 8/11	
✓ 441427	8-27	To Supt. Public Documents.	Bur verbally informed that there are on hand and available for issue several copies of "Report of Inter-Departmental Board appointed by the President to consider the entire question of Wireless Telegraphy in the Service of the National Government"— Request 25 c ples be fwd—	W
442583	8:26	9th Dist	Lists radio app recd at various stations—	W

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Number.	Date.	From or To--	Subject.
442718	8:27	Atl Fleet	Report of progress of work on various battle ships listed. W
441418	8/28	To S&A	Req take action to obtain material from various yards covering proprietary and non-proprietary articles of class handled by distributing yards, and sub in accord with Circ letter of 7/11/18 to SO's Ashore W
442905	8:27	Phila Copy	Tel-Com between Sharples and Whiggant regarding lous for sub rec Nev and trans for Camden. W
442793	8:29	Com	Reqst estimate cost production naval radio station, info reqst by Committee on Naval Affairs. CW To Com fms list 9/3

APPARATUS: RADIO

Number.	Date.	From or To-	Subject.
440177	7:18	CO PROMETHEUS 6	Reqst. latest radio plans. W To USS Prometheus-fwd plans and spec. 8:23
440814	8:23	Boston Tel	Recs test be auth. W To Boston-Tel-Set not rec by Bu. 8:25 To Boston-Sub result of test 8:25 Tel Boston-States test delayed. W 8:30 To Boston-Reqst prints be fwd 9/3
440176	8:15	CO PROMETHEUS 6	Reqst radio bulletin of type number. D
440446	8:18	Washington	Sub comments on changes in radio co-ordination scheme. W
440575	8:8	MI	Descrip and operation instruc for radio instal on vessels listed, fwd. W
440633	8:19	Com	Reqst statistical data listed regarding radio station be fwd. W To Com-furnishes info, re data of stations 9/4

Number.	Date.	From or To—	Subject.
440690 687	8;18	Atl Fleet To Pacific Flt— fws copies of 88 ltr of 8/25 to Atl Flt 9/23	Stand instal for battleship, recs plans be so operator can be in a single booth to transmit. W To—Bur considers requirements of Fleet Instructions #11 would be made as outlined. 8/27 Atl Fleet 9-4 fws prog reports from Battleships
440809	8;22	To Wash—	Fws copy of Interdepartmental Radio Conference.
440682	8;15	Atl Fleet	Sub report of progress of various battle ships. W
440555	8/20	To S&A	Bag caps of 80 of 5/29/17 from Wash to Unan Radio Spn for stock W
441324	8/22	Atlantic Fleet	Progress of work on Standard installations on various vessels listed. W.
441381	8/21	A. A. Woodruff	Reqst inform as to where radio equpmt may be purchased. W. Fwd S&A 8-27
440811	8;22	To Lab	Fws copy of Inter-Departmental Radio Conference. W

APPARATUS: RADIO

Number.	Date.	From or To	Subject.
✓ 436200	8/5	To S&A	Request investigation of situation, rel to removal of material title A from destroyers being placed out of commission, and fwd info what procedure proposed for care and opr. W
437220	8/7	To Fleets & European Forces	Req bring to attention of Commanding Officers that forms NS-25 B when submitted should show every piece of radio material on board with full description, including plate data 898
✓ 437002	8/8	To Outting & Washn	Req fwd to MI one vandyke copy of prints Listed W To MI - cannot fwd remainder of drawings 8/14 fwd one vandy and two print copies/
✓ 437608	8/9	To Asiatic Fleet	Bur has prepared list of questions for use inspection of radio material on shipboard and at shore stations in various naval Dist. fws copies W To Pacific ditto 8/9 To Atl ditto 8/9
✓ 437933	8/9	To Cdt Charleston	Fws vandyke of sheets, req in # number of sound proof booths of each type on hand. W Charleston-Reqst further information. 8:23 Charleston-Status of material on hand. 8:26 T To Charleston-Tel-Infor reqst being mailed. 8:26 To Charleston-Tel-Reqst reply to let 8:20 8:26 To Charleston- Fwdg 1 copy of letter as reqstd- 8/27 Charleston 9-3

876 APPARATUS: RADIO

Number.	Date.	From or To.	Subject.
439151	8/11	International R T Co	Asks if it is still nec to furnish weekly production report.
315207	FROM CARD 201	TO S&A- Request shipment amplifiers from Wash to M Is. 12231 RB 2/12 Fwd S&A 2/21 OHIO: request radio apparatus listed be furnished vessel: 2-24; To S&A shipment from Ph to OHIO radio appr for 3/17 TO CARD 257 To S&A amendment 3/18 Ports- lists radio material urgently needed for Eagle 57. A 2-5-6/5/22 S&A Circular- lists material which should not be issued on request. 2/26 Lare Island 3/19	Sends copy of SE ltr of 6/13- 8/13 to CO ARIZONA- Requests further information re subject matter in order to locate correspondence. 9-13 To S&A- Request shipment from Wash to New Or. of 2 vacuum tube detectors. 10:8 RB 4/12 W To S&A shipment from Washington to CAMDEN 10/11 Lare Island 12/19 To M Is- Arranging for shipment of amplifiers. 12-30 SEA-1-27 To S&A 1/29 RB 2/10 To Phila 1/30 copy S&A To IM Ports. EAGLE 57) radio matrl for 3/25 Sends bulletins for use in comm with Radio School
439220	8/13	To Great Lakes	
439235	8/15	To Phila	Asks info what purpose gaps are intended and upon what data the number being mig was computed Phila 10:8
436210	10:26	Cavite	Request further instructions.

APPARATUS: RADIO

Number	Date	From or To—	Subject
✓ 437002	7:26	MI	Regst vandykes and prints of radio app listed by furnished. W to GS- reg fwd prints 8/9 Cutting & Washington-Are fwd vandykes listed to MI- 8:13 to MI- prints fwd by Cutting & W on 8/13 8/15
✓ 436989	8:2	Com	Memo on organization administration and operation of fleets and shore estab. and co- ordination of fleet estab by Com. Re address of Co Wygant Com.
✓ 437310	7:28	M J Ryan	Regst list of books and booklets pertaining to radio work for amateurs.
✓ 436567	8/4	To Bureau Standards	Reg. and data of personnel of Radio Section Reg all info and data contained in file be available to personnel only W

Number.	Date.	From or To--	Subject.
✓ 437453	8/4	Phila	Fwds various radio drawings, W
✓ 437218	8/6	To AMCHION	Reqs not approved for vacuum tube detector. W
436218	8/6	To Phila Phila 9-9 Reports status of surveying matrl recd from overseas. (X 787-8) Phila 9/20 Phila 8-28 Phila disposal of radio material 9-28 Phila 9-17	Lists vessels and asks why material title A removed from without authn SE - W Pg Sd - 8, 15 To Odt Phila 10/8 Fwd S&A 8-15 RB 9-5 To Phila summary of radio equip sent 9/3 Wash 9-4 SILPH only vessel involved
✓ 437222	8/6	Fwd S&A 10-31 RB 11-24 To Major Gen Comdt USMC	Rel to bulletins for use of Brigade Comdr 1st Bridge Port an Prince Haiti and 2nd Brigade Comdr San Domingo Haiti. W
437639	8/2	Atlantic Fleet	Instruc in comm w report to be submitted by vessels on progress of work on standard radio installations W 496

APPARATUS RADIO

Number.	Date.	From or To—	Subject.
✓ 432749	7/17	To European Forces	Tel: Bu understands nineteen cases French radio app consigned Washington Yd being held at Brest req be advised status this material W
433725	7/22	To Bu Standards	Req when sub results of various research problems to Bureau that recs be made as to what particular use problem may be applied W 875
✓ 434593	7:21	Ph	Conf tel conv in con with removal of arc set from Tuckerton Station, instal 2 kw radio set on Cassin and instal wave charging unit on <u>H. L.</u>
434719	7/24	To Operations	Reast questions be added to inspection form 71 W To Comdr Chief Atl Fl- questions suggested for addtl to quarterly battle inspections 7/24 To Pacific Fl- ditto 8/24
✓ 434720	7/24	To Asiatic Fleet	Suggests questions be included in quarterly battle inspection of each vessel and in other inspections which Comdr Chief deems advisable. W

APPARATUS: RADIO

Number.	Date.	From or To--	Subject.
✓434725	7/25	To Bu <u>Standards</u>	Reqst Apparatus del to Dr. Foote be calibrated W Bu Sand-Fwds duplicate certificate of test on thermo. 8:26
✓436071	7/30	To <u>Lord</u> Baltimore Press Co	Fwds cuts for fiftieth edition of Robinson's Mamel. W
436076	7/30	To C&R 7-4	Fwdg vandykes of drawing, and reqst that all yards be carefull in installing booths on battleships. W
✓436218	8/1	To Comdts IM's Atl Fleet Pacific and Asiatic Fleet.	Reqst situation of radio material title "A" being removed from vessels being placed out of commission be investigated, and fwd info why, and what procedure is proposed for care and preservation. W
SEE 245	8/1	Work 9-4 Submits list of Ex-Mer- chant ships and Sub-Chasers from which app has been removed.	To Phila ditto 8/6 RW 8:16 Phila 10:25 To SEA asks comments re above 8/13 Phila-Reca in con with handling radio material. 8:15 Key West- 8:16 Directs mfg of portable ba tie radio control boards be discontinued. W
436571	8/2	Ports-Gives list material removed from ves going out of com. without To IM NY (Bu auth 8:23)	

Approved: W. S. C. 10

Number.	Date.	From or To-	Subject.
✓ 429987	7:1	Phila	Conf tel conv <u>re app for Cassin, Lav and</u> and antenna for <u>discovery</u> .
✓ 430922	7:5	Phila	Conf tel conv in con with equip for Nevada. app for CASSIN and WAINWRIGHT. material for antenna trunks, also request for radio tel in store.
✓ 430491	7/7	To N.Y.	Tel: Urgent request and ion battery charging panels type three six naught two A be install in radio rooms all battleships assigned to <u>Pac Fl</u> while on such vessels are available period take panels from stock will be replaced from Wash W
✓ 429954	7/7	To Phila	Commends special radio report on "Data for contract of an Undamped wave gen for use in Lab Measurements of radio frequency" W
431390	7/9	Atl Flt Copy	Recommends as much of radio installa- tion be made on battleships Atl Flt pending Navy Yd period- recommends battle- ship and Force flag Ships be equipped with standard receiving booths and motor cutters transmitters- W.

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APPARATUS: RADIO

Number.	Date.	From or To—	Subject.	
✓ 431093	7/11	To NY	Instruc rel to submitting inventory cards and material sheets. W NY 7:23	
(431382	7/12	To S&A	Lists radio material, integral parts of ship and permanent fittings or ordinarily non-transferable fixtures, charge under title "A" as given. W	
✓ 431854	7:25 7:10	H J Fitzpatrick Com	Reqst infer re sale of gov owned radio app. Fwd S&A 7/15 (J.H. & G.K. Eagle reqst info re sale of radio app by Natl Avnue Com. W	W
430507	7/15	To Comdts IM's Fleet Supply Base.	✓ Reqst report of material on forms NSE 307 and 307-E W RB 7:25 To Norf 7:18 Rb 7:28 To MI returns copies of Cir ltr sent in error 8/5	
432264	7/15	To Cayey	Fwds instruc book and vandyke for use personnel station equip installed FED Co. W	
433152	7/17	To C&R	Reqst C&R develop blower suitable for requirements and subject to approval of Bu. W C&R -fwds specifications for ventilating sets for sound proof booths. 10/31 To C&R- vessels which desire new ventl sets 11/29	

APPARATUS RADIO.

Number.	Date.	From or To--	Subject.
425991	6:11	MI	Reqt drawings of radio app listed be furnished. W To MI Bure has reqstd Fed Co to fwd prints 8/9
425977	6-18	To Comdt Boston	Re st fnds three sets of vandyke prints W Phila-Fwds vandykes of radio reports. W 7:15
426694	6:18	Lowenstein Co	Reqt vandykes showing details #226 fwd Washn 6-21 Re 6:26
426261	6-21	To CO's	Reqt fwd forms 269 showing radio app inst. used on vessels W Re 7:9 To CARPENTARIO- Reqt req to letter of 6/21 7/29 To SANTA HELENA req reply 7/29 To COLUMBUS req reply 7/29 To PATRICIA req rep 7/29 To BUNCHER req reply 7/29
426799	6-21	To Comdt Yds	Reqt copy of special radio reports R-32 be fwd for res arch sect'n of Radio Div. Phila-Fwds copy of spec radio reports. 7:15 Pg sd 7:10
427741	6:14	T. Johnson, Jr.	Sub report of investigation conducted 6:7 to 14th in con with radio app. Cross to 493

Number.	Date.	From or To—	Subject.
428017	6/16	MI	Reqt two copies of semi monthly radio report be fm. MI 10:24 TO M. I.— Cannot grant reqst 10:31
427655	6/24	To Firms	✓ Fwd's bulletins "Instruments Spec for Radio Apparatus" superseding previous - 7:30 Boston 7:25 West Elec Co— To Boston Co— asks cooperation in modifying requirements by furnishing data 8/11 To Boston— Type Numbers and Model Letter. Instruction Bulletin reqtd is not ready for distribution— 8/27
428015	6/24	Ph	Conf tel conv in con with loc tion of 30r frank for main antenna ship of train for ✓ ~~NY. antenna for more station, persons~~ and sub antenna plans, also radio app for Cassin.
428140	6/27	Wash	Reqt that arrangements be made so that blue prints and special report to sent to radio test shop.
428997	6/30	To Comits, IM's	✓ Reqt set of prints of all radio special reports on file at yard be fwded. w To NY—acknow receipt of prin of reports req and copies as reqst ltr 6/30 7/12 NY—Fwd's vandykes of spec report. 7:21 Pg 50—Fwd's vandykes. 7:25 Washington—Fwd's vandykes. 7:30 MI—Fwd's various vandykes. 7:17 Norf— Fwd's report. 12/19

APPENDIX: RADIO.

Number.	Date.	From or To—	Subject.	
422920	5:1	C D Reinhardt	Regst names of vessels and shore station at which E J Simon's app has been installed. C D Reinhardt-Regst reply 5:28 To E J Simon Co- cannot give info reqstd 6-4	
422084	5:26	GE Co	Proposed cont between gov and proposed new All American Radio Co. asks if sat to show same to Mr. Kelly	W
423156	6:3	GL	Sub list of radio app rec. meters will be shipped to Phila to be recalibrated. 9th Dist- tel- material shipped to Phila 6:12 To 9th Dist 9th 10 11th Dist tel 6-11 To 9th Dist- re shipment of a prc to Comdt 9th 10th 11th Dist 6-18 To Phila- rec wave meter be recalibrated by sub to Washn 6-18 PA-7:5	W
423720	6:5	Phila	Conf tel conv in con with radio app for C. J. H. Cook OHIO also in con with instal on tankers at Crampers	W
423701	6:6	Washington	Regst for confidential report now held at Bu.	

Number.	Date.	From or To—	Subject.	
423953	6:5	Inspr GE	Hold up of order on acct of credit of Rad Co, sug Bu take action in con with.	W
424006	6:7	American RR Corp	Thanks Bu for adding name to list of bidders for schedules, cov machine works.	W
377167		FROM 2 09	Fwded C&R- Comurs in recs penumatic tubes. W 6-10	
421897	6-11	To Operations	Auth recst proceed in accord with conference report of SE and Fleet Radio Officer. Also to be assigned for extra work. W Dept 6:26 rel to assignment of vessel 6-12 To Operations- rec made in lettr of 6/28 again recd that OHIO be assigned as radio testing ship 7/21 Dept-Ohio now in reduced commission at Ph. designated for radio experimental work. Cross to 8:2 To C&R- recs changes as itemized 8/5	

APPARATUS: RADIO

Number.	Date.	From or To	Subject.	
420858	5:7	European Force	Sub report on radio activity and inspec to be made by Admr. Griffin and Sec Daniels while visiting Europe.	W
420937	5:24	Nor f	Reqt four copies "Principles Underlying Radio Com"	W
420980	5-26	To Puget Sound	Reqt fwd two vandyke copies of special report no 3a on prevention of interference from the Atmos Electric and other disturbances W Pg 8d-6:4-Fwds vandyke copy of spec report on prevention of interference. W 6:4	
421470	5:21 West Elec Co 6:18 Red 6:27 MI- 6:27	MI Co are fwd vandykes to	Reqt radio drawings listed be furnished. To firms reqst fws drawing to MI 6-5 Crocker Wheeler Co 6:6 Duplicor Con Co-Vandykes fwd to MI 6:6 To C. and M. fws prints 5-10 Manhattan Elec Sup Co. Prints of hand key to be fwd to MI.	W
421729	5:27	Ph	In con with radio instal on Warrington, Alaska and Hospital Ship #17	W
421556	6:13	N L Exp Station	Material being packed for shipment. Tel	

APPARATUS RADIO

Number.	Date.	From or To—	Subject.	
✓ 421151	5-27	To Washn Yd	Assigns type number as listed. W	
421552	5-29	To SEA	Req ship from New London to Fleet Base	RB 12/4
	MI Material being invoiced and classified. Tel 5:23		all excess radio material W	R B 11-28
421478	NY 7:22 6:10	DeForest Co	To NL Tel 6-11 To New London Tel 6/21	
			Fwds vandykes of audion control box from MI.	
✓ 421558	5-31	To U S Fleet	Fwds cy of inspection trip made by expert radio aid B R Dummings, and Lt. W A Eaton. W	
✓ 422885	5:30	U S Fleet	Instruct to issue of radio app on Brd SUPPLY, NEVADA AND GLACIER.	W
✓ 422105	6-3	To American R R Co	Rec'd fwd cy of reports listed. W American RR Corp Fwds report on gen sets. To American R R Co - Ackow receipt of copy of reports 5-19	5:14
✓ 422108	6-3	To NY	Rec'd fwd drawing. W NY 8:10	
422938	6:3	SEA	In con with estab of stand stock of radio material at various yards. To SEA compiling list of radio material std stock 6-12	W

Number.	Date.	From or To—	Subject.	
417142	5/9	To European Forces	Tel: Request all radio material which was pur from French Gov be shipped Radio Lab of Jds Washington. ..	737-8 Bu
✓ 418684	5:15	Pearl Harbor	Tel Request special subterranean rec cable be fwd.	W
✓ 153166	5-16	Card 153 To LY	Advices flashings will continue to be equipped with arc sets located in main radio room	W
✓ 419340	5:17	MI	Tel Request authority to ship radio app from MI to Guam, also request expedite delivery of other radio app to MI yard. To MI Tel 5-20	W

APPARATUS RADIO

Number.	Date.	From or To—	Subject.	
419325	5:17	Phila	Conf tel conv in con with plans for sub app for Partridge and test of arc transm.	W
419349	4:28	Mine Force	Copy of letter to CO BLACKBURN giving instruc for issue of radio app.	W
419827	5-19	To Phila	Sub form 307 report sent of radio app. Phila 6/15. Fwds inventory cards.	W
420199	5:16 5:21	Toledo Radio Spec Co Com	Infor re facility for repairing radio app of every descrip. W Cross to 793-1. To Shipping Bd- fwd cy of Toledo Radio Spec Co letter 5-23 To Toledo Coral to lettr fwd to Ship Bd. 5-23 Toledo Radio Specialty Co 5/28- Rqst oppor to submit quotations - W To Toledo R S Co- info reqst lettr 5-28 6-5	
420877	5:22	Phila	Conf tel conv in con with shipt of 2 kw gas driven radio set for Cape May. instal of bat on Long Beach. test of 20 kw arc set to be installed on tankers built at Cramps Co. and shipt. of 12 kw bat charging units.	W

Number.	Date.	From or To--	Subject.	
900-4355	5/1	Wash	Recs date of delivery of equip be postponed due to nec change and details of stand bat ship radio equip. W.	706
✓ 416813	4:24 5:7	European Force S&A	Filament bulbs not rec.	W
416820	5:7	NY	Reqs drawings pertaining to gen arrangement radio apparatus ventilating system, etc. To NY- fwds prints of drawing 5-10	W
416746	5:7	Inspr Fed	Fwds Fed Co drawings showing details of round anoid type for use with stand arc conv. To Inspr Fed approves introduction of new type anode type arc converters as show on Fed Co drawing F 15511 5-14	W
416801	5:6	Wash	Norfolk Yrd req arc app delivered to that Yrd from Wash for storage purposes be removed. To S&A req ship from Norfolk to Washn radio material W	W

APPARATUS RADIO

Number.	Date.	From or To—	Subject.	
7 416298	5-7	To Norfolk	Reqst correction of material sheets, W	
416308	5-7	To SCA	Reqst shipment from Fleet Base to Washn radio telephones and battery charging panel for radio test shop W	
✓ 416276	5/5	European Forces Copy	9846- request special attention be given to radio personnel on - also to apparatus - W.	342-6
✓ 416607	4:30 5:6	R E Robinson Co Experiment Station	Spec radio work in con with funds adv to Mr Peters. To Expt. Station- reqst return of radio material to Radio Lab Washn 5-9	W
416309	5-8	To Comdt MI	Ref to letter of 4-24. Info as to whether type no bulletin RE-15A 107C superseded completely RE 15A 107A- alphabetical arrangement preferable. W	
416418	5-8	To Supt Naval Acad Armap.	Fwds 8 copies of L's ruc booklets. W	
417883	5/13	To European Forces	Reqstd that Comdr of US Nav Forces fwd to this Bu a complete report re to radio arma installed and in store in Europe. W.	787-3

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APPARATUS, RADIO

Number.	Date.	From or To—	Subject.	
413239	4-26	To Pg. Sd	In con semi monthly report. Pg Sd 6:3	W
413759	4-26	To NY	Desires information regarding shipment. RB 5:27	W
413967	4:28	To Phila	Recd drawings. Phila-Rwds drawings 5:8	W
414950	4:28	Cutting & Washington	Report Cutting & Wash Corp going out of business and new Co Cutting & Washington Radio Operation being incorporated with offices in NY.	W
29770-	4/15	NY	10 NY marconi sets for Battleships & battle-cruisers asks if still required W	629
415184	4:30	Boston	Recd instruc in con with radio apparatus. To Boston-Gives disposition of radio app. Boston-Recd amend survey. 5:7 Boston 10:28	W 5:3
415730	4:30	A J Hurwitz	To Boston rel to disp of radio materi 11/12 Asks if Navy has any radio apparatus for sale. Twd S&A 5-8 To no info 5-16	W

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Number.	Date.	From or To—	Subject.	
> 415283	5:2	To Pg Sd	Fwds booklets.	W
415736	5:8	TO S&A	Received back 5:12	
415884	5:2	Sub Sig Co <u>Wrong Entry</u>	Fwds inspec blanks cov inspec of sub sig app vessels listed.	IC
✓ 415896	5:4	Memo for W Div	Simultaneous use of radio tel also use of wave lengths under 25 meters being devel. by GE Co. instruc in con with nature of.	W
> 416262	5:3	To NY	Fwds vandyke.	W
415914	4:30	Inspr ER	Serial number of radio instal. sug BU obtain from Vessales. To Inspr Both Co- rel to serial numbers of component parts. 5-14	W
416280	5:5	E J Simon	Reqt info re proposed sale of radio steam ship owners. To E J Simon- gives info, advises if further desires make inquiries of US Shipg Bd. cy to Shipg Bd Divn. Operations. W 5-8 To Shipping Bd- fwds cy of inquire of E J Simon re above 5-9	W

APPARATUS

Number.	Date.	From or To—	Subject.	
411872	4-18	To CE Co Tel	Admiral Bullard and Comdr Hooper will attend conference NY MAIL at ten AM W	
411229	4-16	To NY Tel	Radio arc sets TEXAS FLORIDA UTAH WYOMING and ARKANSAS will be used in conn w trans atlantic flight inspec and mack nec repairs W 736-19	
242093 see 129	4-21	To Norfolk	Asks status of radio material W To NY- asks status of material W To Boston- asks how listed material avail at yard, in reporting of cards. W To Norfolk- request correction of status of all radio material 5-8 Norf 5:17-Change in radio material stock card. 5:27 To Norf- instruct re invent cards 5-24 To Norf- request carry out instruct 6-13	
413012	4:22	Fed Tel Co	Ends application for type number for certain parts of 2 kw radio arc converter. To Fed Co-Assigns type numbers 5:3 Fed Tel Co 5:6	W
412600	4-22	To Washn	Ends copy of drawings. W	
411245	4-18	To Washn Yard	When tests completed tubes and testing appr are to be kept in stock pending instructions W	898

Number.	Date.	From or To—	Subject.	
413312	4:23	Phila	Conf tel conversation relative to radio sets for destroyer III.	W
→ 413226	4:24	To Phila	Reqd 2 vandykes copies of drawings. Phila Vandykes copy measurements of elec instruments of interfleet antenna. 4:24	W Cross 875
412946	4-22	To Commandts & Mgrs	Recs submitted to Bu with view of establishing std radio material complement of each radio activity in each nav 1 dist. W	6-2
✓ 413641	4:24	<u>Fed Tel Co</u>	Are converter to Washington for test in 1918, ask if Bu will release same.	W
> 413900	4:25	NY	Are set of NY, Utah, Fla., Wyo., and Arkansas, status of work on.	W
✓ 414139	4:25	Phila	Conf tel conv in con with radio instal and radio compass pamphlets. Ill. Ohio, Blackely, Biddle, Barney and Dupont.	W

N.S.E. Form 134.

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A P STATUS

Number.	Date.	From or To--	Subject.	
407404 see 222)	4-14	To War Dept	Fwd bulletins. W To Phila ditto 4-14 To Boston ditto 4-14 To Korf ditto 4-14 To Pacific Fleet ditto 4-14 To Marine Corps- fwd bulletins 4-15 To European Forces 4-15 ditto Nori-Material received. 4:16 To Bur au Stds- fwd bulletins 4-16 Charleston-Bulletins received. 4:15 Marine Corps 4-24 To Phila- Fwd type no bulletin. 4:29 Phila- 4:30 Battle Ship Force #1 - 4:29 #1 - 4:30 USS FLEET 4:22 This report and recs. on fleet radio material based on performance during the winter of 1919.	
✓ 411045	4:12	USS FLEET		
✓ 411048	4:14	John Mayer Com	R M Maer rec Navy Dept purchase am be lending to him. loaned to section base 8 fwd Comm 4-17.	W
54421	4/14	Wash	these various Internatl. R/T to be required and to number products for testing 100-13- serially beginning with 1, for every type number. W.	

Number.	Date.	From or To--	Subject.	
411424	4:11	MI	Rec two copies of semi-monthly report sent to Yrd in future.	W
411524	4:11	Pacific Coast Super.	Fwds report between 2 kw arc and one kw spark radio sets on B&W U.S. COCONINO.	W
411571	4:15	Boston Yrd	Instructions in applying for and for use of type number 8:11 radio app. reqs substitute paragraph to overcome ambiguity.	W
411578	4-10	To Comdts,	Fwds one copy of Semi-Monthly radio report RE 2A 196A	
412062	3:31	West Elec Co	Fwds copy of paper prepared by Messrs. Craft & Colbitts presented to American Inst. of Elec Engrs. To Western Elec- req fwd 10 addtl 8-10 West Elec Co 6:17	W
410890	4-18	To Phila	Recd fwd two vandyke copies of drawing EL 69 F 165. W	876

APPARATUS

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Number,	Date,	From or To--	Subject,	
407176	4-11	To Washn	Re contemplating installn of low power undamped transmitters aboard vessels. asks recommendations ^W To -- Design Problem No. 12 is designated as complete. 12-18	
409617	4-11	To Comdts. Mgrs.	✓ Mailing Supply Officer copy of pamphlet issued by Bureau assignment type number to various radi material. asks follow instruc. ^W New York 5:22 To NY- fws cy of pamphlet 5-31	
410737	4:14	15th Dist	Complete file of all circular letters, orders and forms pertaining to radio material. req. To 15th Dist- fws cy of circular letters interest to Radio material officer. 4-18	
410790	4:12	War Dept	fws copy of radio pamphlet entitled "Principles Underlying Radio Com". To War Dept- acknow receipt of 4-15 Phila-fws vandykes. 4:20	W
409991	4-12	To S&A	✓ Regst shipment from Fleet Base to Norfolk radio material ^W RB 5:2 Fleet Supply Base- 4:17	
410176	4-12	To Comdts. Mgrs.	✓ fws copy of RB 66F 167A. ground system for 100 ton concrete oil tankers. ^W Charleston- 4:15	
410693	4:22	Phila	fws drawings.	W

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APPARATUS

Number.	Date.	From or To—	Subject.	
408636	4-9	To Washn	Fwds copies of lists. W	
410077	4-8	Cambrill Elec Co	Req fwd specification of wireless key and of apparatus.	W
410071	4-10	Nav	Glasses of radio or wireless elec used in Navy. Fwds req for Mrs. K E Smart.	W
409429	4-9	To Phila T	Forward two sets of vandykes of RL eighty P one naught seven and RL sixty nine P one naught three W Phila Fwds drawings cov radio compass house, etc. 4-11	
409938	4-9	International RT Co	Req authority to replace radio equip also loan of airplane sets. To Internatl Co- authorizes use of one trans for exhib purposes at Bu stds. 4-16	W

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APPARATUS:

Number.	Date.	From or To—	Subject.	
✓ 408869	4:6	E P Edwards (G E Co)	Makes appointment with Admr. Ballard and Co Hooper in New York. Tel.	W
✓ 408952	4:2	Insp'r Fed	Calls attention to fact that Pathe Film Co took pictures of factory in operation Fed Tel Co. Cross to photos and publicity.	
6 377894 see 210	4-7	To Adams Morgan Co.	Quotes for info, circular letter in re to sale of radio equipment W To Com ts- re secrecy of radio appr devel of mfg for dept 4-17 To Phila- asks all matters be considered confidential including drawing specs 4-24 To GE Co- designs status before war be established 5-15 To Western Elec Co - no objection to materi being supplied Fed Co as on list of approved radio app mfg 5/28	re
✓ 408559	4-7	To Prof. H. A. Fessenden	Lists radio apparatus used in general W	
408634	4-7	To Washn Washington 5:28	Reqst appr be mfg at yard. estimates approved in advance W To Washn reqst estimates be fwd 5-8 To Wash- instruc cane 6/26	

APPARATUS

Number.	Date.	From or To—	Subject.	
✓ 408635	4-7	To Washn	Re modifications of standard battleship receiver, reqst assemble Models E F G receivers, reqst adtl equip be mfg for IDAHO- W	
409539	4:8	Westinghouse E & M Co	Req authority to purchase vacuum tubes etc. for test radio app being mfg by them. To- asks further info 4-11	W
408846	4-8	To Comdt Washn	Acknow receipt of instruc books	W
408847	4-8	To NY	Reqst inspection be made telephone transmitter Fire Is Lightvessel W New York 4:25	
408869	4-7	To E P Edwards GE Company	Tel: Admiral B. Bullard and Comdr Hooper will be present your NY office tomorrow Tuesday ten am W	
409798	4:8	Ports	Fwds five page req for vandykes and radio apparatus. To NY-Reqst fwd set of vandykes prints. To Ports- Fwds vandykes prints. 5:3 NY 5:16	W 4:28

APPARATUS

222

Number.	Date.	From or To—	Subject.	
404860	3/22	Naval Intel	Fwds package of delco radio apparatus from Capt Evans Paulson	B20
394366	From Card 217		Genl Radio Co—Lists material not yet paid for. MR Hutchinson - 3:29 American Transp Co—Sub list of radio app to be used by Navy. 3:31 Nathaniel Baldwin—Req payment of acct. 3:26 W Dullier Conde, per Co—Submits estimate of Cutler & Washington—Sub list of outs of 2:31 contracts together with copy of invoice, req payment on execution. W Driver Harris Co—Req. claim be settled. 4:2	
406672	3-26	Expert Radio Aide A F Vandyke	Reports on condition of radio apparatus of Atl Fleet bad owing to lack of organization. Recommends standardization of apparatus, also general recommendations on use of radio tele- phones and aircraft and balloons radio.	
406958	3/24	Pug 3d	Fwds alterations sheets of radio installation book for EFC vessels W	771-2
407176	see card 224			

AD ARATUS

1919

Number.	Date.	From or To—	Subject.	
337801		SEE CARD 20	To N Y—material is not req at this date and Bu authorizes cancellation of any mgn. may have been required to cov pur of radio material. 3/31.	787-1
408096	4-3	Phila	Conf tel conv in con with 126 meter inter-fleet radio set spare parts box and radio tel repairs and 20 kw arc set for tanks.	W
407183	4-3	To S&A	Reqst shipment from Boston to Newport two cage type radio antennas. W RB 5/24	
406496	4-2	To Comdt Chief U.S. Fleet	Reqst further recommendation concerning future construc in view of facts listed ~~in card 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100~~ U S Fleet 5/6	H
407404	4-4	To Comdt Boston, etc.	Fwds copies of bulletines W Phila- 4:14	
SEE 225	4-4	Charleston 4:4	Atlantic Cruiser - 4:8 Cavite 5:28	
407708	4-4	To inspr & TS) fws bulletin 4-11	To Lat Dist fws bulletines 4-8	
		To US Fleet- fws buletin 4-11	New York 4:11 To Bu Stds fws bulletin 4-11	
		To Com dt Washn	Portsmouth 4:9 To Phila fws bulletin 4-11	
			authorizes mfg six 2-wire South entering fit. nga type SE 3527- W	

APPARATUS

191

221

Number.	Date.	From or To—	Subject.	
399499	3-14	To C&R	Gives statement as to standard requirements of size and location of various radio rooms and spaces on principal classes of naval vessels. Submits information. To C&R- proposed location satis to Bu 4-2 C&R 4:23	
402190	3-15	To P. Banholzer	Can publish information re indicating depth off water and locating hulls. (Original letter delivered by hand and returned to Adm. Smith. Not taken up by S.S.)	
403223	3:7	MI	Asks if Monthly bulletin is being issued, no copy rec. To Washn- reqst prepare specfns 4-1	W
403359	3:15	Boston	Fwds various radio drawings	W
403047	3-17	To Norf	Reports and issues of radio tele material	
403055	3-17	To N.Y.	Request information regarding information request NY-Gives list of changes ord.	W 3:24

APPARATUS

Number.	Date.	From or To—	Subject.
403419	3-19	To Charleston	Re marking of material sheets. W
403680	3-19	To C & R	Re fireproofing battleships, radio teleg & topmasts- recommendations W C&R-Relative to fire proofing top masts. W 4;5
403682	3-19	To Portsmouth	Radio teleg: change in stock card inventory report W
405078	3-21	Phil	Confirms tele convrs asking if any of protective release being mfgd at Phil were for destroyers.
405110	3-22	Phil	Fwds various radio vandykes.
404446	3-22	To Comdts. Mgrs.	Instructions re radio material inventory and stock card report system- Philadelphia 4;4 To Gl- reqst instruc PG Sd 4;10 be placed in effect at station 5-22
405151	3-25	To Omsu	Reqst correct status of material be fwded. Match material sheets fwded-

1019

APPARATUS:

Number.	Date.	From or To—	Subject.	
400791	3:7	West Elec Co	Req and drawings listed. fwd SEA 3-12	W
400722	3/2	Guantanamo	Commanding Chief has rejected report on operation of inter fleet radio set W	12166
401189	3-7	And Secty	Comdr S. G. Cooper report authority to develop a "line" range of secret radio development on Navy facilities and strategy—approval requested	
400053	2-24	Mare Island	Rest more detailed drawing of 5 KW arc sets be obtained from contractor - W	
395629	FROM CARD 218		New Orleans 3/1 Atti Fleet 3:5 Pg Sd - 3:11 European Force 3:11 To LD- fws addtl bulletins 4-4 To European Force 2:38 received back 4:7 New London Experiment Station 4:9 European Force 4:24 Cavite 5:11	

Number.	Date.	From or To--	Subject.	
401650	3/11	Norfolk	Req advise type plans showing comp battle ship radio instal. To NY- plans reqstd in process of assemble 5-13	
400664	3-11	To Commander-in-Chief Atlantic Fleet TO C&R-Fwd. 8:23 HB 9-5	Re location of rooms on battleships now with fleet. To tel 5-27 Atlantic Fleet-tel-Racs mailed. 6:3 To Fleet Tel 6-2 US Fleet-Fwd's report of various vessels. 5:31 R B 7/3 in comm w proposed changes in radio installation on ship of Force #2- W. Oppnav 101214 your one two zero two one it is desired that all radio apparatus at State Pier be retained & new London is storage space available	
401056	3-10	To H London T		
599250	3/5	To Sec Interior	Regu Commissioner of Patent be auth to issue to Lt Col E. L. Bittin registration as attorney under Rule 17 of rules of practice JS Patent Office to	874
400184	3/8	To Bu C&R	Re io ground system fwd plan and req C&R appv for matter und r its cognizances	771-2
397261	2/28	To Sec Navy	Req Bu be authorized to expend radio eqpt. 2/28	771
394834	3-13	To Norfolk	Reqst place material for KONINGIN DER NEDERLANDEN in store. To Norfolk instructions re removal of material 8/15 To NY re shipmt 9/15 Copy R B 12/12	

APPARATUS:

Number.	Date.	From or To--	Subject.
397906	2-25	Klevoschmidt Elec Co	Sub report of changes in office personnel. W
397617	2-25	To Phila	type number assigned to insulator is CH 1522- report revised vanities to Fed Bu- To FF- no assigned is CH1229- 2-26
359793 see card	2-28	To Comdt Sub Base XL	Advise re shipment will be A. L. K. shn Y. L. K. shn available- that the booklet on transmitting and receiving sets-
397619	2-27	To Phila	Report radio material CH taken such steps needs re material ship and y. L. K. shn be substituted by which can keep posted re Ph-Status report 2:13
397954	2-26	To CLAFes T	Report status radio material inventory- 7
397955	2-26	To Newport RI T	Report status radio material inventory 7

1919

A-44-108

Number.	Date.	From or To	Subject.
397960	2-27	To Expr Station	Fwd's two copies of instruc booklets for 5 KW radio and transmitter type EP-1201 as req by Fed Co can post 85282
397823	2-28	To NY	Asks info re shipment listed- and request radio off take steps re supervision of NY-Material shipped. 3:18
398579	3-4	To Court Phila	Asks copy of drawings, 7
398702	3-4	To Phila	Req L expedite shipment of radio and in shipment request as listed 7
397862	3-5	To Wireless Spec Co	Asks corrected vandykae to be added to Bu- to 11- re above- 3-5 Wireless Spec Co-Fwds vandykae showing productive device 3:12
399211	3-6	To *orf	Request shipment be expedited-
399212	3-6	To KY	Request shipment be expedited NY-Report on status of material 3:11
399494	3-6	To Robbins and Myers Co	A.L. Smith

APPARATUS.

1919

Number.	Date.	From or To--	Subject.
394841	2-15	To Geo. A. Campbell.	Lists radio apparatus shippt you. Rqst Bur be informed where matrl is now located. W
394838 see card 220			American T & T Co 2/19 Gives inventory of apparatus at Bridgeport -
395137	2-15	To Lt J C Cooper, Jr.	American Tel & Tel 2;19 Sub invoice of app.
radio receivers 3-10			Lists radio app shippt you for experimental purposes- Rqst info as to where matrl is now located- W
395455	2;8	MI	To American Tel and Tel Co - Advise latter address to Tel Exch and report listing material asks location of 3-3
			To S&A req ship from Hartford to Washn
			Asks if transf and motor generator shall be shipped to NY for test.
			To 2-12 re: pr be held pending disp by Bureau- 2-26
395520	2/19	To COM. Washn.	States that B. Twar. sets of 1st RE/46A-108A. Give location of parts.
395619	2/19	To---Com. of All Nav.	Dist. States that B. will fr. complete index of 1st type ship ps. issued to date
To Bu Bids ditto 2-26			To States that B. will fr. complete index of 2nd type ship ps. 2/24 (11 letters)
To Phila ditto 2-26			2nd Dist - 2:22
Brooklyn - 2:26			To 1st Lt. Corps- Advise bulletins 2-26
Philad - 2:26			To 1st Lt. Navy. 1st Com ditto 2-26
Cruiser Force - 2:26			To 1st Lt. 19 ditto 2-26 Halifax - 3:4
9th Dist - 2:26			To Pacific Fleet- ditto 2-26
Charleston 2:26			To Phila ditto 2-26
Philad 2:27 (2)			To Atl ditto 2-26
To Gov's Advise bulletins 2-28			To War Dept ditto 2-26
To 1st Lt. Bids ditto 2-28			
At la aire ditto 2-28			
To Boston 2/24 1B 3/5			
RADIO MATRL OFFICER FRISCO 2/28			to card 220

Number.	Date.	From or To -	Subject.	
396320	2/21	To Brockton Mass.	Letter that B. is u.s. auto supply apparatus.	
396068 Old No.	2:8	National Research Council		
397016	2:21	Radio Apparatus Co	Rep will be in Wash 24th, req arrangements for interview.	N
397473	2:24	F B Jewett - West Elec Co	Despatch, conference to be held in Wash Thursday or Friday. To F B Jewett, reply telg Thurs date 2-25	
397863	2:18	MI	Outline of gas engine, asks correctness of. 1000- 3 class 73 covers per, sets eng when assembled as unit etc 3-8	W
397862	2:17	MI	Type No RE-15 A-105, asks what same cov.	W

Number.	Date.	From or To—	Subject.	
✓ 392109	2-6	To Van Allen Lyman	Request furnish name of vessel in order to remedy source of induction in radio app. on board one of wood hull vessels of US Shipping Board— Balboa 2/21 Gives name of vessel — To Norf asks inspection of Alaska 3-8	recvg
✓ 393494	9:14:18	Com	Quotes from letter of Reif Cahel in con with vessels in Canal Zone for repairs radio apparatus.	
393078 ⁶	4:2	Elec Cont & Mfg Co	Request action. To Electric Controller & M & Co— Fwds print 4-24	
✓ 393705	1:16	European Force	Fwds form B 25 for vessels attached to France.	W
392113	2-8	To Ind Mgr Norf	Rqst info re radio stock card reports listed	W
393029	2-8	To Ind Mgr N Y Yd	Rqst fwd vanykes of drawing RY 66F 135E — NY—Fwds vandykes. 2:25	W
✓ 393324	2-10	To Metropolitan Elec. Mfg. Co.	Fwds 2 blprts of drawing RE 23F 125 rqstd	W

APPARATUS:

Number.	Date.	From or To	Subject.	
393962	2:7	Thomas Nelson Sons	Will fwd proof of Mr Clarks article on Wireless Tel when received from printer.	
392512	2/1	To 4th Dist	Radio material in the custody of the Mil- 793-8 itary store-keeper Port of embarkation Pier #38 Delaware Ave. Phila. Apparatus re- moved from U.S.S. Flint-W copy to Comdt Phila.	
383135	FROM CARD 213		To 12th Dist- Rvdg 1 Type Number Book- Post ack receipt- 2/13	
	European Forces 2/11		Pearl Harbor- 1:29 (two letters)	8:28
	Mare Island 7-10		St. Nazaire- 24	US AIA 5:2
	To Mr fws pages 321A to 410A		12 th Dist - 2:21	US BALBOA 4:25
394476	2/18	To C&R Class III 125.	Installation of 5Kw arc transmitters in	
		127 128 129 130 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300	main radio rooms elimination of lower pip berth W	115-Q-8
384744	2/12	To Cahrleston SO	Re altenatives on destroyer REID TERRY	etc to 609
394366	2-14	To Firms	To Firms- asks fwd lists 3-21	To Firms ditto
Card 22		Manhattan Sup Co-Req payment of to expedite. Fwd invoice 2:21	Desire var radio co's fwd to Bur list covg radio matrl manfd for Dept on which payments are still outstanding- W Electros Mfg Co-Sub state- Wireless Imp Co-Fwds amount owed on radio material shipped. 2:19	ment 3:26
394924	2:13	Sperry Co 3/3 Fwds various invoi Elec Sup Co-Fwds list ces- of outstanding orders. 3:10	To 11th Elec Sup Co- asks fwd list orders Req quot 13 rec sets and 2 radio tel.	3-3 W
394356	3:22	Belden Mfg Co	Asks what order cov radio material.	W

APPARATUS;

Number.	Date.	From or To	Subject.	
390295	10;2;18	1st Dist	Copy of letter to Fed Co req copy of prints and diagram and instruc of radio apparatus supplied to merchant and naval vessels.	
390640	1;30	Phila	Conf tel conv in con with securing new rod coils for Min, availability of instruc books for radio tel sets, standard plans for radio tel antenna, etc.	W
390639	1;30	Phila	Conf tel conv in con with 126 meter radio material for Pa, Wyoming and Texas. Phila-Conf tel conv in con with shipment of apparatus for Pa. Wyoming. 1;30	W
390812	1;31	Phila	Conf tel conv relative to 126 meter set.	W
389691	1-31 NY-Buds vandykes. 2;14	To Norf	Asks 4 vandykes or 1 text revision of drawing R. 55 1-5 To Wash Asks copies of drawings listed To NY ditto 1-31 To Phila ditto 1-31 To Boston ditto 1-31 Washington - 2;5 Phila-Buds vandykes. 2;0 To Wash Yd. Ack drawings NW 10a 101 and NW 50F 1660. 2/11	1-31

APPARATUS

Number.	Date.	From or To—	Subject.
391928	SEE CARD	208 Filed under 793-5	To Marconi Co- RE payment of Govmt rentals Marconi Co - Fwds changes cov advanced payments. 1:11 To Marconi Co- Ack ck \$1598.55 and ck \$4362.83, 7935 covg- 2/15
392068	1:31 2:5	National Research Council Com	Req policy in con with allowing Prof Abraham to publish scientific matters brought out during the war, member of French Commission. W To—No objection to Prof Abraham using such info re radio as he has in his files- 2/14 To Secy of State- Fwds copy of ltr from Natl Res. Coun. of 1/31 and copy of reply made by Bur- 2/14 International Research Council- 2:25 To- info prev fwd 3-4
392122	2-7	To S&A	Reqd ship two boxes special radio apparatus from Phila. to radio test Shp. Wash. D.C. W
392590	2-7	To S&A R	Reqd ship 500 radio batteries from NY to Wash Navy Yd. W
393070	2:7	Elec Cont Mfg Co	Req fwd revised spec. To—states that B. is fwd. blue print copy. 2/20
391105	2-6	To Comdt 3rd Dist	Info req re radio ship listed

1919

APPARATUS:

Number.	Date.	From or To--	Subject.	
✓ 387826	1:22	C R Lentze	Req photos and descrip of apparatus in con with estab of radio engr school. To Director Naval Intell, Re above 2-8 To-- Rst names of active practicing radio engineers who are contemplating establishing institute - 2-8 R B 3:6	W
388210	1:23	Insp'r New York	Req descrip of destruction of radio apparatus for battleships and destroyers be fwd.	W
387462	1-23	To GE	Fwds bprints of drawings listed	W
385917	1/17	To Districts	Asks investigation re disposition of radio material returned from overseas by cargo vessels W	
388517x	1:24	Y&D <u>Wrong Entry</u>	Radio compass station 3rd dist, estab of north and south line, sub estimate, req quotations cov.	
388517	1:23	Phila	Conf tel conv relative to apparatus due on shipment order in addition to material in stock.	W

1910

APPARATUS:

Number.	Date.	From or To—	Subject.	
✓ 389054	1:25	D W Richardson	Rec information as to where radio apparatus removed from dismantled scout patrol vessels may be purchased. To—States to apply to the Commandant 3rd Naval Dist. 2/4	W
✓ 389811	1:21	Dept	Copy of letter to War Trade Brd rec withdraw. req that individual show naval dept approval for purchase of material before same be authorized. Cross to 793-5	W
389365	1-29	To NY	Asks drawings listed	W
✓ 390383	1:30	Ever-ready Engr Mag.	Asks if bureau can supply photos of radio tel and tel apparatus used during war.	W
of nav equip to radio editor of Everday Engr Magazine 3-13 To Everday Engr Mag re 3-13		To Marconi Co- author and re photo	To—Apply to Western Electric Co re above 2-8 as listed 3-7	
389695	1-30	To Cdt Wash	Repts that 1 additional battery charging switchboard be sent	W
389691	2:14	Norfolk	Fwds vandykes.	

APPARATUS

214 ✓

Number.	Date.	From or To—	Subject.	
385904	1/16	To Hon Ellison D. Smith	Asks that he be given oppor to present views on Belllog bill providing for operation of teleph-ones- Marine cable and radio	884-1
336079	8/12	Naval Communications	Law governing man and distribution of radio apparatus, gives draft of composition of contents	884-1
385882	1/18	To Charleston	Req vandyke drawings.	
✓ 385887	1/18	to Deforest Radio Tel & Teleg Co.	Convenient Commander Hopper see Mr Deforest ten AM Monday.	W
387436	1/20	New London Sub Base	Req authority to repair radio apparatus.	W

APPARATUS:

Number.	Date.	From or To—	Subject.	
✓ 387469	1:20	Wireless Apparatus Co	Asks if sat to supply draftsman and laboratorian with photoes and diagrams of equip. W To ~~ask~~ objections to above 2-3	
✓ 387743	1:18	O G Sherman	Req bulletin in con with underground Wireless Improvements. W To ~~ask~~ No bulletins issued on above 1-27	
✓ 387744	1:21	O E Thompson	Req reports in con with radio improvements made during the war. To ~~ask~~ Has not info desired 1-30	
386842	1-21	To NY	Asks corrected info re change of Material sheets as listed New York-Reds corrected sheets. W 2;3	W
386847	1-21	To N Orl	Reqs corrected info re change of material sheets as listed New Orleans - 1:25	W
386850	1-21	To Bost	Reqs corrected info re change of material sheets as listed Boston-1:25 To Boston Rd above 2-8	W
387438	1-22	To NY	Asks for one vandyke and one bprint of motor & generator sets data and tests New York 2:4	W

Number.	Date.	From or To—	Subject.
✓ 380844	12/21	Atlantic Fleet	Radio matrl in Navy General arrangements during past year Detailed report covg W
✓ 377972	12-30	Fwd Nav	Rec that textbook on radio telegraph be not published by Naval Institute - no objection to others publishing W
✓ 381121	12/21	Lab. and Fleet	To CBD 9 - vlt C-in-C - Radio eqt mt. to be altered to agree with latest plans 1-8
✓ 381121	12/21	Radio eqt apparatus	1. Radio eqt apparatus 1-3 vFwd SA 1-3
✓ 381121	12/21	Radio eqt apparatus	is list of radio apparatus for 1918 to 1919
✓ 382313	1;2	Wireless Imp Co	Cancellation of contract left their plant cont a large amount of machinery and employees without further work. W

APPARATUS:

Number.	Date.	From or To--	Subject.
382802	1:6	CO MURREY COM	Operation of radio compass and tels. sub report cov.
382588	1/6	TO CO US ATLANTIC FLEET	Dublier Cond Co will del Jan 6 to Sup Off NY type SE 3536 radio condensers 3 for each NEW MEXICO and MISSISSIPPI. Dublier will tel Lt Linerattil when delivered. Key for MISSISSIPPI will be shipped from Wash Yd Jan 7. Buoys for NEW MEXICO shipped from Phila Yd Jan 4. VESSEL directed transfer one radio telephone to each NEW MEXICO & OKLAHOMA. Norfolk will issue telephone to FLORIDA To C-11-C-1. BUSE 1406 should read quota 1-7 SOUTH NEVADA and OKLA. 1-7
382159 382591	1/7	To CJ OWENS Wash. D.C.	Reports on data re to history of Underground Radio System are fixed with understanding; that they are not to be used for advertising purposes. So Commercial Congress-Reg report on operation of Rogers system in con with subs. 2:14
383854	1:9	Atl Fleet	To C J Owens- has extracts from report 3-5 Req shipment of NY Fleet sets for NY TEXAS WYOMING AND GA WASHINGTON, to Norfolk FLA and ARKANSAS.

Number.	Date.	From or To—	Subject.
✓ 378480	12-10	MI	test of inspec of radio inspec of radio
✓ 378481	12-10	MI	Confidential communication to radio inspec inspec of radio
✓ 378482	None	None	Report of work done on station Du St. Bernard Du St. Bernard
✓ 378483	12-21	San Diego Com	Letter to San Diego on radio to San Diego
✓ 378484	12-21	To Director Nav Comm-	Copy of let sent to commercial firms removing the secrecy in the matter of radio app To Dir Nav Intell ditto 12-21

Number.	Date.	From or To—	Subject.	
✓ 330638	12-17	MI	To MI Fwd's prints 1/20	
✓ 3610-7	12-30	MI	Fwd Dept 12-31	
✓ 379941	12-27	To Inst of Radio Eng	No objection to publication of articles referred to	W
✓ 379942	12-26	To Ch Signal Officer	U.S.A. - Asks copies of War Dept Order form #6	
✓ 379946	12-25	To GE	Asks info as listed- RE GE Indus Control book 5486 class 6	W
✓ 379947	12-27	To S&A	Reqs shipment from Wash to Dist Comm NY 1 short wave radio receiver	YW
380554	12-27	To S&A	Reqs shipment from Phila to NY Dist Comm 1 short wave radio transmitting set	W

Number.	Date.	From or To--	Subject.
377587	1:10	Phila	Com'l conv'l to c... in... 1... of Phila set for... 495 & 501
377475	12:15	<u>Price Bros</u>	Sub infor re: facilities for French Radio apparatus. To --- Name has been placed on mailing list. has no work of their class at this time - former work entirely satisfactory 12-31
377518	12:9	Phila	Non-... of... 1... 1... To Phila - asks on what authority above material was shipped 12-16 fwd Phila 3-25
376636	12-14	To NY	To S&A Rgt box be opened and Bur advised of con- Brgs that job order for Radio Phone on PASTORES and ZEBELANDIA be withdrawn W-Y
378011	12/17	To Wash Yd.	Rgts manufacture one battery charging switchboard. W.
378013	12/17	NY Yd.	Rgt fwd to Bu tracing cloth as listed. W. To NY - asks article subject on above 1-2 Hampton Roads Submits engine report. 2:6 New York - 2:7

ATTACHMENT:

Number.	Date.	From or To—	Subject.	
373005	11/18	New York To NY via S.A. All orders for Battle radio equipment as listed should be filled from stock 12-24	11/7 Re all continue making order for battle radio equipment. To NY. All battle radio equipment removed from hospital ships should be returned to NY Yd and list sent to Bu 12-24	
371928	12/18	To SAA	Re transfer funds for purchase of Marconi Coastal and Ship radio stations. W Marconi Co. Sub estimate 1;14	
375482	12/18	Total Fleet.	Asks opinion of C-in-C re protection of conning tower. - C-in-C lettr of 6/5 W	
378486	12/18	3rd Dist NY	Requests that Bu be supplied with diagram of distant control system in use at office of Dist. Commn Supt. with names and type of all apparatus used. W. Com-Fwds prints recd from 3rd Dist. W 1;27	876
377894 see 223	12/18	To Firms. To J. H. Bunnell Co. Fwds copy of let removing pledge of strict se- crecy 1-8 To Comdts, re secrecy removed 3-24 Adams-Norlan Co 3-26 re copy both that Navy sent has no obj to sale of apper to amateurs. Co	Secrecy re all features of radio apparatus need no longer be maintained. - Navy no longer prohibit sale of radio apparatus to others than governmental Deptts. W.	West Elec Co 8:16
378497	12/19	To Marconi Co	Lowenstein Co. Asks expression of your Co on use of drawings in war or armaments. Lowenstein Have adopted practice of redrawing drawings sub from outside purposes. W Marconi Co 1;11	1;15

Number.	Date.	From or To--	Subject.
7115	12/5	TO COMNAV	1. 1 copy of 1 sheet.
7116	12/5	TO COMNAV	1. 1 copy of 1 sheet.
7117	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7118	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7119	12/7	TO IN	Received back 12/14
7120	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7121	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7122	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7123	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7124	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7125	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7126	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7127	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7128	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7129	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7130	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7131	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7132	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7133	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7134	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7135	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7136	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7137	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7138	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7139	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
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7141	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7142	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
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7146	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
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7159	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
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7164	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7165	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
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7181	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7182	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7183	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
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7190	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
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7192	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7193	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7194	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7195	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7196	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7197	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7198	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7199	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.
7200	12/7	TO IN	No ts. 1. 1 copy of 1 sheet.

Closure of SIG Corps radio station,
 Radio receiving stations discontinued.
 Data collected while stations in operations avail-
 able for use of Navy Dept. 12/17

N.S.E. Form 134.

PRINTS

Number.	Date.	From or To—	Subject.
372802	11-10	To J. Sh.	Author. Report of J.D. Freed for blueprints. on the subject of prints of J.D. Freed for blueprints. 11:10
371928	12/19	To S&A	value Bu requests separate bills be submitted, covering radio equipment installed on vessels of steamship Co's as listed. W.
376888	11:9	Si Corps	Full copy of all radio equipment parts including radio sets and parts.
374300	11:7	To S. A.	Radio sets and parts from S. A. To S. A. adro.
377517	12/13	Inst. of Radio Eng. To Gives info re publication of articles above 1-6	Asks if restrictions on technical publica- tions removed W To ——— Bu removed— asks co-operation 1:27 1:20
376848	12-14	To Bu Standards re. searches on vacuum tubes 1-27	Asks 3 copies outlined in Bu lletin #18 per 1-25-26 To ——— Will receipt copies of reports on radio opinion of new pneumatic tube system radioed battleships for radio message d lry W CO MISS - 1:18 CO ARIZONA-report test of pneumatic tube. 1:20 CO DTH- 1:22 USF does more reliable type of cut off be provided for pneumatic tubes 5:31 Requires metal rigging be broken into insulated sections not much over 10 ft- desires obtain sufficient supply of safety type. - brown standard color of insulators. W. C&R - feds prints showing sample for test 2:5
377157	12-14	To C-in-C Atl Fleet CO ARKANSAS CO WYOMING-Sub report of test of tubes. 1:21	
SEA 231	12-14	DELAWARE 4:7- feds report of test on pneumatic tubes-	
377373	12/18	To C&R C&R 4:12 To NY- feds vandyke prints of battleship rigging insulation 1-6	

APPARATUS.

Number.	Date.	From or To--	Subject.
370716	11-23	To NY	Rest corrected information regarding change of material sheets. W 1:10
✓ 370717	None	West State Naval	Req authority to obtain re to apparatus Fwd Director Naval Communications, 11-27
371991	11-25	To S&A	Comments re inspection of radio mat'l. at place of mig.. W
371928	11-27	To U.S. Shipping Bd. Wash & Phila and U.S. Railroad Administration	Has effected purchase of all Marconi leased radio installations on vessels owned or 793-5 controlled by U.S. Shipping Board. W
CARD 216	S&A - 1:23 ment 1-25 refund check \$4,352.83	To Marconi re pay- Marconi Co - Fwd 1:30	Lists Marconi prices for app list for sale to Govt 1-6 Fourth Dist-Rep on Marconi instal at Cape May 1:6 SOL- Fwds copy agreement 2:4 Fwds copy of contract with Marconi Co (Marconi Co covering sale of 45 postal wireless stations owned by that Co. To 3rd Dist-In re Maintenance and repairs of radio installn on other than Nav vessels 12-24 SOL extract from report of date 6 CO in Chief.
371928	11/25	Solic	
372351	11:11	Maritime Force	

N.S.E. Form 134.

ALIAN UL

Number.	Date.	From or To—	Subject.	
273361	None	Com	Sub action taken in endeavor to get Go to ... for school purposes. W	
273374	None	European Force	Remarks on radio material not rec'd to bureau. W	
273498	6-18	Doston	Radio t.t. devices. Fwds report with sketch in con with.	
373534	11-30	To Uni Eng Co	Asks data and price of Dunelectric plans W	
373549	12-2	To Ch Sig Officer War	Repts copies of booklet giving type of radio appor the U.S. Army	No data W
373557	12-2	To F. Lowenstein	Fwds blueprints as listed covering 1/2 KW Panel type radio transmitters	W
373556	12/3	To Coms.	Fwds. blueprint & repts. comment re standardization of drawings. Approved 12:27 To Norfolk- revision of radio co-ordination plan 4-15	

Number.	Date.	From or To—	Subject.
361650	11:8	2nd List	Sub. designation req shown on Bureau's sub. order cov radio material submitted list.
369978	11:18	Marconi Co	Aids copy of corres on case between Marconi Co and Phila to determine if spec cov Marconi design of panel sets.
370096	11:18	Phila	Aids list of radio drawings.
370052	11-19	To Phila	Rest corrected info re change of mat'l sheets. W
371632	11:23	Hon W L Calder	Req firms call of sub. petition on radio drawings, e. case to sub. and not disregard. C To—, above misrepresented. 11-23

APPARATUS

Number.	Date.	From or To--	Subject.
✓ 370510	11-5	To Sims	RE fwding of expermental information
369737	11-22	To Norf	Reqst withdrawing of job orders for install of radio telephone equipment on HURON & TENADORES WY
✓ 370063	11-22	To Phila Via S&A	Reqsts that shipts of radio apparatus for air craft and ground radio stations abroad be discontinued w To NY, Via S&A, same information 11-22 To Phila, Nov. 22 back Dec. 11 Phila-Sul 11st 11;11
371348	11;16	Ports	Ensign J H Mullen-Sul report of radio apparatus at Ports yard. W
✓ 371870	10;28	Gibraltar Force	Sul report of improvement for Marconi set radio compass receiver and radio compass
✓ 371928	11-25	To Dir. Nav. 1 Communi- cation	Comments re purchase of Marconi Ship and Shore radio stations, W

THE

Number.	Date.	From or To---	Subject.
367194	11/1-	To NY	Re ts. corr. to information re change of material sheets stated.
367196	11/12	To Base 23	For. 2 copies of type 1 Bulletins. Halifax 11:19
367198	11/1-	To NO.	Re ts. corr. to information re change of material sheets stated.
367766	11/12	To Norf.	Re ts. to submit inventory forms of all radio material on hand.
368328	11:11	NY	Add vandykes and prints of drawings listed W
367763	11-13	To Tideman Elec Mfg Co	In order to become a qualified bidder for the mfg of radio apparatus, you must send a representative to visit the Radio Lab NY W
357944	11-14	To Washington	discrepancy in inventory cards W
368326	11-14	To Eimer & Amend	Request catalogues and prices on mat'l listed W Eimer & Amend 11:25

876 APPARATUS

Number.	Date.	From or To—	Subject.
368679	11-16	To Comdr Atl Flt p	report on 30 KW Arc to spark remote control Antenna Transfer switch, revised type, comments W
369142	11-16	To Phila	Reqst corrected inform re change of mat'l sheet W
368673	11-18	To Firms listed	Fwds corrected sheets of specfns RE 13A 255C W
369588	10-23	Washington	Fwds blue prints copy of R W 25 A 121 B
369155	11-18	To Boston	Reqst corrected inform re change of mat'l sheets, listed W Boston-Adm. corrected mat'l sheet. 11-21
369156	11-18	To NY	Reqst correct inform re change of mat'l sheets listed W NY-Adm. comments in material sheet. 11-19
369159	11-18	Marconi Co at 6-32 11-2	To Feder I Telegraph Co—Marconi Co have been reqted to obtain above plans from their Bldg-A to Factory 11-30 To Marconi—Inform of above 11-30

APPENDIX:

Number.	Date.	From or To—	Subject.
322700		<u>From Card 189</u>	GE CO- Comment's on meetin. 10:56 GE CO- ~~comment's on meeting~~ 11:12 and 5:27 GE CO- 11:12
✓ 366514	11-7	To <u>CAR</u>	Test status of work on inst. 11 of: new houses for arc transmitter. 7
334213	11/5	To <u>Sim</u>	Report about radio apparatus to Simons
✓ 367364	11:6	By <u>Standard</u>	Take report about the radio work in progress at lab and send copy of radio manual.
✓ 367340	11:6	<u>Century T & T Co</u>	Send, envelopes and prints of lists and being furnished, to date for report.
✓ 368019	11/12	To <u>Sims</u>	Send. enclosures - drawings - radio for wire apparatus.

Number.	Date.	From or To—	Subject.
36606	11-6	To Staff	Re: see type No Bulletin 11 12 13 and 14 15 16 17
367178	11-9	To Adv Bints	Re: 2 copies of type No Bulletin 11 12 13 etc
367198	11:21	New Orleans	Gives corrected change in material sheet.
367405	11:7	Boston	Re: show drawings be arranged in manner in similar to that adapted by Grance.
368078	11:9	NY	Re: vandykes and prints showing latest changes. W To NY— request modifications 3-8 NY-Comments on proposed change. 9:25
367986	11:9	Washington	Drafting see room, see of radio test, fwd. W
367193	11/12	To Adv. Base, Cardiff	Re: 2 copies of type Bulletin.

APPENDIX:

Number	Date	From or To—	Subject	
✓ 362511	10:24	Norfolk	National Elec Sig Co 1/2 kw radio sets. sub report on diff found in rec. W	
> 362370	10:19	Pg Sd	Alteration sheet for radio engineering instal. program books fwd. W	
✓ 361950	10-28	To Yds- Stations- Fleet- Subs	Fwds special report on New Method of using contact detectors in radio measure- ment by Dr Austin W	
~~36228X~~ 362299	9-28	To Federal Telegraph Co	Ack receipt of one photostat covering design of arc converters for radio telegraphy W	
✓ 363203	10-29	To NY	Reqs 2 copies of semi monthly reasport radio of sept 15th W	
✓ 363204	10-29	To Chasn	Asks 2 copies of simi-monthly radio report of Sept 15th W	
✓ 363213	10-29	To Dist Comm Supt NY-	Authorizes granting permission to Manhattan Elec supply Co for purchase of a pp to E.B. Meyers as listed W	

XXX 1918

APPARATUS

Number.	Date.	From or To--	Subject.	
362970	10-30	To Manhattan Elec Co	- Assign type No CAM 1433 to High Frequency buzzer	W
✓ 363018	10-31	To Firms	for c t l o s v o l u m e r y r o rectifiers, listed for c t l o s v o l u m e r y r o	W
315037	SEE CARD 198		To S&A Repts shipment from Phila to CHICAGO radio app for sub tender stock to cancelled order of 9-19th 10-31	
363700	11-2	To Yls-Indust Co	for c t l o s v o l u m e r y r o	W
364729	11-5	To Crocker-Wheeler Co	Assigns type Nos to Arc Motor generators recently tested at Wash	W
365423	11-6	To Phila	FWDs type number bulletins of radio W	
365985	11:4	Dillwood Mfg Co	Req place name on millin list for parts used in collection with radio equip.	
361204	11:14	Boston	Req change in Aerial sheet.	

APPARATUS

Number.	Date.	From or To	Subject.	
359876	10/17	New London Base	Request miscellaneous prints	W
360165	10/3	Wireless Improvement Co.	Request recognize R.E. Thompson as fully authorized representative of Co. in dealing with Navy Department	W
360687	10/19	New York	Fwds vandykes	W
359648	10-21	To Ports	Job order 13-K-1002-539 covering 1 stall in on board Die-o reported in Semi-monthly report of 9-11-18 as 7/10 complete and closed	W
360097	10/11	K.C.Co.	Copy of telegram to New York office stating have units complete for lighting switches, telegraphers, hand keys and all duplicate condensers required	W
362182	11-1	To NY	RE proposed arrangement for receiver wiring reqts that samples of plugs, board plug and control board be submitted to BU	906

APPAR. US:

Number.	Date.	From or To—	Subject.
✓ 356807	10:7	Fed Tel Co	Fwds photo showing construction of high voltage lab at Palo Alto Factory.
✓ 361215	10/22	Federal Tel. Co/	Fwds correspondence with New Orleans in connection with shipment of radio apparatus in order to prepare requisition for spare parts To SAA, Fed. - Fwds a resp. received to Federal Tel. Co. re: parts of radio apparatus 10-21
✓ 361257	10/22	Marconi Co.	Fwds copy of letter to SAA requesting all quotation requests for radio apparatus be forwarded to New York Office W
~~361515~~	10:22	Boston <u>WRONG ENTRY</u>	Method of avoiding interference when tuning spark trans. fws prints. W
361515	10:22	Boston	Req copy of radio tel stock book. W
✓ 362118	10-24	Wireless Specialty Co.	Reqs permission to make changes in drawings to Wireless Specialty App Co- Changes to apply to transmitters now manfing under existing contracts 11-20 W



TUS

Number.	Date.	From or To—	Subject.
361173	11/12	To Ch. sn.	Re ts. corrected information re change of material sheets stated. Incar Brooklyn 11:22
361183	11/12	To Phil..	Re ts. corrected information re change of of material sheets stated.
361184	11/12	To Boston	Re ts. corrected information re change of of material sheets stated.
361205	11/12	To Key West	Re ts. corrected information re change of material sheets stated.

A-ARATUS

Number.	Date.	From or To--	Subject.	
357655	10-15	To Ports	Returns U.S.E. forms #3 OVE for correction To Ports, Oct. 14 Lack 21	W
315207	ONE CARD 195			
	11-5	order of 10-2 he	To S&A Repts shipment from NY to Phila for RAINBOW - insulators and wire 10-17	
	11-5	Shipment order received back 1,25	To S&A Repts shipment from Bost to Phila for RAINBOW radio telegraph app 10-17	
		To Chas - asks if amplifier can be	To S&A Repts shipment from Phila to RAINBOW thermo meters 10-17	
		repaired or if new one be supplied 3-29	To S&A Repts shipment from Wash to Phila for RAINBOW radio telegraph material as listed 10-17	
SE 1		To S&A amendment of previous letr		
6336		of 6/13 and 7/11 7/11/19		11-2
357210	10-16	To Dist Comm Supt- 4th Dist	New C-1- 9:30 Camden 11:4 Asks that 50 of enclosed forms - radio inspm - be fwded to Bu A. B. Oct. 22	W
357682	10-16	To Wash	Repts they want radio app as listed	W
357650	10-17	To S&A Req Bu be notified of receipt of. 1/4	Repts shipment from Phila to Aberdeen Scotland 5 sound proof receiving booths To S&A: req matri located at Fleet Supply Base Pier #134 South Brooklyn and turned into stock at NYA	W
357651	10-17	To S&A	Repts shipment from NY to Aberdeen Scotland 5 sound proof receiving booths T S&A Repts cancellation of above 1-3 S&A - 2:26 fwd S&A 3-7	W
358997	10-17	To NY	Repts that 2 prints and 2 vandykes of drawing NY BOR 181A be fwded to BU	W
357701	10-18	To Sims	Asks that vessels in European waters be re-ltd to and on Jan 1-18-30 of U.S.E. form #3-B "Description of Radio Installn on Navy Vessels	W

APPENDIX

Number.	Date.	From or To--	Subject.	
359156	10-17	To Sims (T)	Ask receipt your W-N confidential pub	W
359793	see card 219			
359540	9/25	Erie Forge Co.	Fwds bill of lading covering shipment of two cases of electrical goods made 9/23	W
358749	11-7	To Phila	Fwds bulletin re 15 A 106 A and 15A 107A	W
359046	10/15	Wireless Specialty App. Co.	Fwds vandykes of 1/4 K.W.	W
355148	10-18	To N Low	Asks that receipt of radio telegraph a p be ack on form N.S.A. 264 - shipment Sept 8-9-18 NY	W
359375	10-18	To NY	Reqs that be fwded to by 200 sheets of tracing cloth form N.O.-131-B NY 10-24 Fwds 200 sheets tracing cloth to be receipt of 200 sheets of tracing cloth from NY 10-21	W
359158	10-19	Ad Grant-P.M.S. MARSHOR	Expresses appreciation of the cooperation between British and American radio services afforded by the efforts of Major E.G. Cletsman	W
358492	10:26	Naval Com	Comments on. Fwd Director Nav Com 1-14	

1918

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APPARATUS:

Number.	Date.	From or To -	Subject.
355626	10:2	Norfolk	One kw emergency set, req vandykes. W
356117	10:1	SD	Req complete semi-monthly report W To San Diego. Rdis above 10-15
355380	10/7	To Phila.	Encl. copy of let. re operation of bomb by radio.
35662.4	10:1 10:5	NY S&A Fwd S&A 10-28	Radio material marked for W.R. Lordenberger 10th div radio force, cannot be delivered. W S.D. May 10-15 To Navigation Oct. 15 received back 22 S&A Oct. 11 Request action
356376	10/8	To Leland Standf. Uni. (T)	Re fwdg. letter recom. giving of degree to Leonard F. Fuller.
TO CARDX #244		To Fed Tel Co-Fullers papers appeared in last issue too late for action. 10:23	to Fed Co (T) 10/23
356011	10/8	To S&A	Repts. shipt. of radio apparatus from Wash. to Wash. for Nav. Com.
356464	10/10	To S&A	Fast shipt Radio Telegraph Unit Wash to Co 497

N.S.E. Form 134.

APPARATUS

Number.	Date.	From or To	Subject.	
✓ 356576	10/9	To Federal Tel. Co. Fed Tel Co asks if will take any action to prevent publication of thesis written by Mr. Fuller of Fed Tel Co. Cross to Publications. 10;20	Reqs. to turn over to SE plans for transmission to French Govt. To Reqs that above be forwarded to SE for transmittal to French Govt 10-11 French High Comm. - Reqs authorization for Fed Tel Co to deliver patents 10-4 Fed Tel Co - 10;24 Re semi monthly radio report 10/1. Re us. Mare Island Oct. 11 Telegram copies of reports. Unmailed Mare Island Oct. 14 W	
357011	10/10	To Mare Is. (TI)		
✓ 133166	SEE CARD 52		To Yd-Fletts-Sims Air Stations-Fwds copies of semi annual Radio Reports dated 9-16th and 10-1	W
232688	SEE CARD 120		To NY- Drawing quoted in SE let of 10-4 should be NY 61A 348 A & C Co. Oct. 8 Request ship number NY 61A prints W 10;15 To Kilbourne & Clark Co. A signs type No. and model letter applying to 250 2 KW arc transmitters being made by Federal Co 12-7 to 2nd Dist- Fwds 1 copy of type number Bulletin RE 15A 105A and RE 15A 107A- 2/14 Request written confirmation of order for reserve amplifiers	W
358876	10/9	Washington		
257217	10-12	To Post	Reqs that forms N.S.E. 307E be fowed for Radio phones and transmitting sets in stock	W
357007	10-10	To Century Phon Constrn Co-	(T) Send drawings plugs and jacks used by Radio Div immediately Spec delrv	W

Number.	Date.	From or To—	Subject.	
35282	9 /16	Insp. Fed	Asks if shipment of material from factory and Pal ation to Washn shall be made on govt bill a loading W	629
	1/6			
352039	9-27	To S&A	Best ship radio apparatus NY to N Lond Oct. 17	
Fwd	S&A 11-23		To S&A 10-23 of patent of work by NY Oct. 11, 12	
352634	9-28	To S&A	Best ship radio apparatus ask to N Lond To N London— Regt acknow ship made 2-18 New London Base 4:7	3-25
V 352635	1/1	To S&A		
353889	9:30	C&R	Gaff for radio compass antennae, feds drawings. 23 feds. CLR 10/2	
354024	9:27	Boston	Sub req for vandykes. W To — feds. 1 vandyke of drawing. 10/4	
354161	10/1	To GE Co. (T)	ask for motor generator will be available for test.	

APPENDIX

Number.	Date.	From or To.	Subject.
✓ 352299	9/18	To Fed. Tel. Co.	Re to. C. M. copies of report.
354395	9:17	Atl Force European Force	Additional radio instal on vessel, sub report of. W
✓ 354855	9:28	Pg Sd	Fwds report on radio work on shipboard vessels. Cross to Pg Sd 1rd and 721-2
✓ 355309	10:2	GE Co	C E Davis Reserve force for data. W
✓ 354320	10-3	To Admiral Grant 123	Comments on adoption of British design for 1000 ft. in U.S. Navy. British Fleet Fwds copy of 11.1.16 to with radio group for use US Navy. 11/7

APPENDIX

Number.	Date.	From or To—	Subject.
509773		FROM CARD 198 1/2	New York Oct. 16
		New York - 2:8	New York Oct. 17
		New York - 2:11	New York Oct. 19
		To Ind Mfr N.Y. Fwds addtl supply	New York Oct. 21
		daily radio inspection report	NY 10:24
		cards 2/19	New York 10:29
		New York 3:7	NY-11:2 Two letters.
		New York 3:5 2 letters	NY-11:4 Two letters.
		New York - 3:12 - three letters.	New York 11:5
		New York 3:14	New York 11:6
		New York 3:17	New York 11:7
		New York Weekly report 3:17:19	New York 11:8
		New York 3:19	New York 11:12
		New York 3:19:19	New York 11:16
		New York 3:20	New York 11:17
		Ship Order 5:17:18 R B 3:21:19	New York 11:21 Two letters.
		N.Y. 3:22	New York 11:27
		NY - 3:26	New York 11:28
		NY - 3:27	New York 11:29
		NY-3:27	New York 11:30
		New York 4:1	New York 11:31
		New York 4:3	New York 11:32
		New York 4:3	New York 11:33
		New York - 2 letters 4:9	New York 11:34
		New York 4:14	New York 11:35
		New York 4:22	New York 11:36
		New York - 4:25 - two letters.	New York 11:37
		New York - 5:1	New York 11:38
		NY 5:5	New York 11:39
		NY- 5:8	New York 11:40
		N Y 5:23	New York 11:41
		NY-Reports (8) 6:3	New York 11:42
		NY- 6:5	New York 11:43
		NY - 6:19 - NY 6:19	New York 11:44
		NY-Daily report 6:19 (3)	New York 11:45
		NY 6:25	New York 11:46
		NY 6:26	New York 11:47
		NY- 7:11 - Three letters.	New York 11:48
		To Ind Mfr Fed- fws copy of rept	New York 11:49
		covering accept test mfg under contr	New York 11:50
		42141 7/10	New York 11:51
			New York 11:52
			New York 11:53
			New York 11:54
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			New York 12:58
			New York 12:59
			New York 13:00

OVER

309773

Number.	Date.	From or To—	Subject.
	NY-7:10	Two letter 7:9	N.Y. 2/3
	NY-7:14		-1920-
	NY-7:18		
	NY-7:21		NY - 3/3
	NY-7:23		NY 5/5 W
	NY-7:24		NY 5/7 - W
	NY-8:15		tests 8/28/30 - request report result of
	NY-8:21		Norri- 9/25 "!
	NY-9:2	(2)	
	NY-9:3	Reports for 8/29 and 8-30	
	NY-9:5	(2)	
	NY-9:8		
	NY-9:12		
	NY-9:16	(2)	
	NY-9:18		
	NY-9:23		
	NY-9:29	(2)	
	NY 10:7		
	NY 10:8		
	New York - 10:10		
	New York - 10:20		
	New York - 10:18		
	New York - 10:22		
	New York 10:28		
	New York 12-1		
	New York 12/26 (3)		
	New York 12/26 (5)		
	N.Y. 1/8		
	N.Y. 1/9 (2)		
	N.Y. 1/8		
	N.Y. 1/14 (2)		
	N.Y. 1/15		
	N.Y. 1/16		

1920

U.S. U.

Number.	Date.	From or To—	Subject.
211-111	7/18	To Insp. C. G. G. G.	No radio report this 20:15:00. W
1770181	7/19	To NY	Adm. to: to see on receipt. of third box. W Received back 9:26 To NY—Asks what steps being taken to recover above 10:30 To Dispatch Agency NY 10:25 back 10:30
350484	9:19	Norfolk	Tel: re: additional copy standard work list of material. passed inspection. R Norfolk-9:26
350740	9:17	E J Simon Co	Assign Mr. W. H. Pumphrey as rep. W
111-111	9/21	To M. A. (111-111)	Adm. to: to see on receipt. of third box. W Phil - 10:25
111-111	7/1	To S. I. O. M. A. Co.	Give 111-111 to S. I. O. M. A. Co. W
111-111	7/1	To NY	Adm. to: to see on receipt. of third box. W

APPARATUS:

Number.	Date.	From or To--	Subject.
✓ 351314	9:16	MI	Re: various subm. detailed apparatus being supplied Fed Tel Co W
309773	9:24	New York	SEE CARD 194 New York 9:25 New York - 10:5
	New York Oct. 9	NY - 10:17 - 11:17	New York 9:27
	New York Oct. 15		New York 10:1 SEE DUPLICATE 876
✓ 352856	9/25	Dept	New York 9:29 ORS and AA class of subs req comment of Bu in conn w removal of transmitter apparatus D O
✓ 353195	9-30	To Phila	Re arrangement of apparatus in interfleet Aux radio room W
352207		See CARD 185	To Z. Re ts. shift. of radio apparatus from Wash. to & for B.V. 10/2
✓ 355626	10-10	To Norf	Fwds booklet re instructions for wireless W
357007	10-10	To Century Phone Const	Send dwgs plugs and jacks used by Radio Div immediately special delivery W
✓ 357011	10-10	To M Is (T)	radio report recd. comments. W
357217	10-12	To Boston	Inventory receipts and issues of radio mat'l W Boston Oct. 15

PARTUS:

Number.	Date.	From or To	Subject.
✓ 349780	9:16	Wireless Improvement Co	Report receipt of order from War Dept for valve meter and condenser, request permission to supply. W To Author. to supply meters to US Army. 9/25
✓ 349551	9:16	Spiro Mfg Co	Req be placed on list for spec and other information in connection with sub bids on radio apparatus.
✓ 1007 SEE CARD 204	9/19	To SAA Repts. shipt. of radio apparatus from Boston to CO for CHICAGO. 9/20 To N Lon- Conf of above transfer	Repts. shipt. of radio apparatus from Boston to CO for CHICAGO. 9/20 To N Lon- Conf of above transfer 10-23
✓ 351147	9:19	Marconi Co	Encls copy of report showing status of all government contracts and money rec and due for week ending 17th 9/27/18. 20-22nd Weekly Rec I
✓ 351663	9:21	C Spiro Mfg Co	Req be placed on list to rec spec cov radio apparatus. W
351382	9/24	To Boston	Ask. rect. of semi-monthly radio report. W

1. 10/1/1917: Arrived at the station

Number.	Date.	From or To—	Subject.
317382	9:6	Phila	Gives list of material on hand for inter- -rect radio sets. W
347439	8:28	Pearl Harbor	Req copy of all reports on radio apparatus. To Hawaii. Have rec'd. the copies of technical reports b. fnd. 9/17 to men in field. That copies of all techni- cal reports be fnd. to Hawaii. 9/17
✓317596	9:11	Congleon Co	Req opportunity to demonstrate. To Hawaii. b. fnd. to field. Interview Congleum Co- Req appointment J M Foster. W 9:26 To Phila (T) conference satisfactory 9-30
317593	9:11	Phila	Fnds 70 vandykes. W
318220	8:30	Atl Sub Force	Radio apparatus and spare parts for sub tenders and bases. Fnds 800. Parts to 800 TS to com. Sub Force. Fnd. material rec'd. 12-14- proved. 9/14
✓318017	9/14	To Mignon V. Cor.	Gives instruat. re obtainin' schedules for bidding. W. to---- Incl. forms of L. P. and instruat. Rd. left their representative. 9/14

Number.	Date.	From or To—	Subject.	
347334	9/12	To H. Rds	Repts test of Rad. set propeller submitted	876
		To Air. Sta. 10/8 Re tests of rdy	inter. Rad. Tel. Co. W	
		To Hamilton Rds. Fwds prints r- radio	To -- Repts. information r- radio company	
		development 11-6	calls for living boat. 2/16	
			Hamilton Road - 9:21	
			To Rds. calls information to encl. 1/3	
348415	9/10	Inspn, Brooklyn	Hampton Rds submits report on development with records	876
		In 3rd dist. W	Fwds report on status radio tel. set mfg	
347338	10/16	To H. Rds	To H. Is. fws vandykes and inst re are trans 11-6	
		Norfolk-Fwds prints 10/27 letters	re agent to vandykes and bluez inter. W	
		Washington Rd. 10/8 Reports finding	NY-Fwds drawings 9:24 MI-asks when vandykes	
		prints by special messenger W	Boston-Fwds vandykes 9:25 (will be ready 11/1)	
		MI-asks vandykes and prints. W	Phila-Fwds prints. W 9:30	
348734	10/14	To H. Is (C) Vandykes fwd 11-6	Phila-Fwds prints 9:25	
	1/16	To Boston	ack. Rept. of semi-monthly rad. report. W	
349418	9:13	Experiment Station	Copy of letter to H. B. Robinson asks if Mr. Peters will prepared to resume experiment in the near future.	
34736 1/2	3/4	Wireless Int. Rev Co	Consolidating the various reports received from the	
	9/6		cannot be without in view of the fact that the	
34736 1/2	1/9	Bureau	Copy sent for Sect. Navy lives r- 10/1	
349287	9/17	To Virgin Islands.	Fwds. 1 copy of instruction booklet. W	

APPENDIX:

Number.	Date.	From or To -	Subject.
✓ 344214	8:30	Mazer Acoustile Co	Sound proof radio booths shipped to Phila. 8:30, req't schedule of deliveries req. W
344490	9/5	To S&A	Reqs. shipt. of radio material from Brook. to NY for stock. W New York, 9:12
344491	9/5	To S&A	Reqs. shipt. of radio material from NY to Wash. for Rad. test shop. W
344492	9/5	To S&A	Reqs. shipt. of radio material from NY to ~~NY~~ ~~Common~~ for IDAMO. W
344493	9/5	To S&A	Reqs. shipt. of radio apparatus from Brook. to Phila. for Const. Off. W ~~to --- Reqs. shipt. of above be expedited 11-2~~
258218		See CARD 168	To Marconi. Reqs. to expedite work on set for St. Augustine. 9/6
345182	9/6	To S&A	Marconi Co- stor. parts not yet deliv. W 9:11 Reqs. shipt. of radio apparatus from Phila. to Phila. for ships. W
345183	9/6	To S&A	Reqs. shipt. of radio apparatus from Phila. to NY. for snips. W
345184	9/6	To S&A	Reqs. shipt. of radio apparatus from Phila. to Wash. for Rad. Test shop. W
345185	9/6	To S&A	Reqs. shipt. of radio apparatus from Phila. to Wash. for Rad. rec'g. Sta. W
✓ 344852	8:24 8:29	Non P H Kelly Nav. ✓	Req location of radio schools and stations together with expenditures since the war. Rad. Oper. 9/12. To Com. Kelly. Giving location of rad. schools & stations. 1/12

APPARATUS

Number.	Date.	From or To—	Subject.
345575	9:5	Com	Report of hold up of telegraphic wireless written in German, req disposition. Fwd. Comm. 5/9
345189	9/6	To NY (2)	Please furnish Phila. drawing. W
345586	9/7	To S&A	Repts. shipt. of radio apparatus from Wash. to & for Com. Batt. Force 1. W
345107	9:7	Phila	Req miscellaneous remarks. W to each of drawings listed in list. 9/17
346806	9:7	NY	Req radio drawings. listed. 9/17
345468	9/11	To S&A	Fds. alteration sheets of specifications. Fwd S&A - 9:18
346166	9/11	To Wash.	Makes type # assignments. W
346468	9/11	To Firms	Fds. iteration sheets of specifications.
		American Transformer Co - 9:17	Wireless Improvement Co 9:12
		To Irwin S. Co. permission granted to retain 5 spec. sheets. 9/17	Buttin. 1 Washington. returns radio specification sheets. 9:13
		Liberty Elec Corp - 9:16 and 17th	GE CO- Returns sheets W 9:14
		To Crocker-Wheeler Co. Fws 3 copies alteration sheets of specifications	To Cuth. & Wash. Fws. sheet of specifications 9/24

APPROPRIATE:

Number.	Date.	From or To--	Subject.
✓ 341443	8:24	West Elec Co	Fwd extract from letter from Mr Craft in connection with status of air station in Ireland, receiving situation, etc. To---- Ask. recd. of coms. from Mr. Craft. 8/30
✓ 321919	8:12	European Forces	Fwd copy of British Wireless Tel publication entitled the establishment of permanent naval stores. European Forces 7:2 / Request copy of British publication.
342405	8:24	Phila	Request fnd prints of insulator auxiliary station To---- Fwd. vandyke copy. 8/30
✓ 342588	8:15	Wireless Spec Appart	(Davis) Will be in Washington Friday and Saturday, request appointment. W
341695	8:28	To Fensa.	Return print believed to have been fnd. in error. W
341695	8:29	To Western Elec. Co.	Will take letter up as soon as information is received. W

APPARATUS:

Number.	Date.	From or To--	Subject.
✓ 343189	8:28	Council Nat Defense ✓	Rwds report on long reach radio and short reach radio. ...W
✓ 343331	8:27	Battle Ship Force	Changes in plans for radio, sub detailed recommendations from various ships together with sketches
✓ 343439	8/31	To NY (T)	Rept. vandyke & 4 prints of rad. drawing. NY- F.W.S vandykes. 9:7
✓ 343525	8:27 8:30	Norfolk C&R	Relative to sound proof booths for battle ships in connection with radio. W Rad. C&R 9/4 C&R-req return of papers. 10:4
341925	8/24	Gramps	Sub report of defective manner in which resistance grids for starters are packed for shipment 113-46
342038	8/24	Go	Copy of ltr to NY reporting on faults of radio are set found after instln by Navy Yd 130-5
✓ 343789	8:27	G E Co	Rwds prints to be attached to copy of report of standardizing committee on radio tel work. W

RE. 1105

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Number.	Date.	From or To--	Subject.
330757	8/15	2111 Dist	Report receipt of radio outfit for motor boats instr relative to installation - To Great Lakes Dist. Aka. Dist. E. E. E. Cutt. & ... GE CO - Fwds prints to be attached to copy of report of standardizing committee on radio to New York 8:27
330800	8/15	National Electric Supply Co.	Submit quotations covering
		To Co. ...	...
330770		(C. 181)	NY - 8/15 New York 8:28 NY - Fwds report 8/15 New York 8:29 NY - Fwds report W 8:10 New York 8:30 NY - Fwds reports 9:14 New York 8:31 NY - 9:20 New York 8:32 NY - 8:22 and 9:23 New York 8:33 NY - 8:24 New York 8:34 NY - 8:26 New York 8:35
See Dup. 198 1/2	8/15	Lath & ...	... of instr for various types of installation. "
330845	8/23	To Pitt-Rice Co.	To Pitt-Rice Co. - 8:27

ALPHABETIC

Number.	Date.	From or To--	Subject.
2200	5/22	To Insp. Schenectady	To Insp. in connection with report of r lo equipt. W
340470	8:22	Equitable Tr Co	Statement of E J Simon financial corre- spondence bureau may have in connection with...W
309773	8:22	New York	SEE CARD 191
3410390	5/23	To Norf, (T)	ask to wire when booth rec'd. W Norf - 7:31 PM - Booths did not arrive Sunday by boat r from Baltimore. 8:27
341191	8:24	1st Dist	Rec'd blue prints of Radio apparatus listed. To be used for identification of subjects
339974	9:21	Bu Standard	Req bureau provide nec material for test.

4-4381

Number.	Date.	From or To--	Subject.
✓ 336773	8:9	Phila	Shipment Order fwd 9:29 back 10:7 To New York 8:27 Listed 11/11
337373	8:6	C&R	Fwds copy of tentative spec for battle ship To C&R rel to rigging and 8 oke stack guy insulators 8/21
✓ 337934	8:13	Boston	Confirms tel conversation, asks if 33 995 apparatus should be fwd to Phila Yard
337220	7/13	To Boston	Confirms tel conv w Boston 11:10 install 2 kw set on W I Stead
338500	7/20	✓ 338500	Co Hooper-Sub comments on W 10:1
338500	8/21	To Insp. Chic go	Inspr Chi - Sub report, Lr Meller facilities for mfg radio apparatus.

Number.	Date.	From or To—	Subject.
335133	7/27	To Sims	Re tl. that it is to be taken to C. I. P. the European Forces - Fwd's pattern switch used by British forces. W 8:6
309644	7/27	ONE CARD 181	European Forces - Fwd's radio apparatus sec from British for test purposes. W 8:30 To NY. ... to sit in local use as indicated Fwd. 7/27
3070	7/29	To C&R C&R - Fwd's report 9:4	... sound proof receiving booth ... C&R - 8:2 ... 8:15 C&R - 9:15 Fwd. C&R 9/14 Fwd. 1 set of ...
331015	7/1	To Admiral 12g. 1360.	
331704	7/1	To Hammond Res. Laboratory	
332468	7:29	C&R	Copy of letter to Phila. fwd's auxiliary steam plant in connection with rearrangement of radio room on vessel of Conn Class.
332503	7:31	Insp'r Brooklyn	Two letters confirming tel conversation re to ... of completion of apparatus being furnished.
334229	8/10	To Sims	Charging panels for A&B batteries will be available Sept 15th for installation one in main radio room one in aux room each Destr one each for other vessel apt with audio-How many do you wish ship and where

AP. 3. TUS:

Number.	Date.	From or To—	Subject.
333431	8:2	Chamber of Commerce	Reqt order for wireless equip for 50 ships be placed with X C Co low bidders. W
333699	2:2	Liberty Elec Corp	Asks if will receive award on schedule for transmitters sets. W
333953		See MEX 150	
334019	7/5	To Wash.	To St. Louis for power c. apping resistances will be supplied by BU. 2/20
334000	7/5	To WMA	Reqt. order of radio apparatus for 1st. W
334000	9/3	Re Nl. Botes. to advise when apparatus received 12th	To Wash. for radio officer. 7/5 received 9:21
334925	9:6	West Elec Co	Fnds copy of letter received from petty officer, reast that Bureau see that such reast are made through reg navy channels.
334281	7:16	Fed Tel Co	Fnds prints showing overall dimensions 2 kw are radio transmitter sets. W
335399	8/9	To (T) Sims	Fed Tel Co. Fnds prints. W. 9:28 For Co radio detachmt and signal officer, Buillac F. 10:3 cable feet or 40000 power radio detachmt and e 3-98 left Buillac for USS-16 CO-I and 6th 1/2 Max 30000 in receipt of material 787-1

Number.	Date.	From or To—	Subject.
✓ 335022	8:1	Mare Island	Fwd progress report Fed Tel Co on sets. W
✓ 335252	8:5	Fed Tel Co	TEL Asks if shall make shipment of 2 k w ard sets by freight or express. W
33480	7/15	To P.L. Co	Western Elec Co 8:22
✓ 33489	7/15	To Western Elec. Co.	Driver Harris Co 8:20 Western Elec Co 8:20
336679	See card 214		
✓ 336525	7/10	Irish & Spec Co	Complete with hand carrying in and to each panel of 10 sets; submit report of -

APPENDIX

1918

Number.	Date.	From or To—	Subject.
✓ 338550	8/13	Wash-Barnhart	Best copies of schedule runs & coeff conv. wire- less telegraph, tel.
✓ 340096	8:17 8:19	Dunbars & Lockwood Capt.	Sub reasons why Marconi Co should receive award covering radio apparatus even though his may appear higher than competitors. C
✓ 340146	8:16	West Elec Co	Specifications of radio instruments, matter of amending will be taken up in Wash- ington W
✓ 339974	8:21	Bureau Standard	Request information bureau may have in con- nection with radio apparatus being made by West Elec Co for Navy.
✓ 340319	8:21	Fed Tel Co	Supply of small arc radio sets, finds ex- tract from letter of Dr Dodge in connection with. W
✓ 339334	7/26	To Wash.	Give instructions to test of water, water with 1000 ft. 1 finger cont. tests 1-10 with corrections. 7/27

N. S. E. Form 134.

• זקוק ר

Number.	Date.	From or To—	Subject.
329269	7/25	To Norfolk.	Re tl. that you fwd. to B. a print of semi-monthly rad. reports. Norfolk - Fwd's prints 3;2
329270	7/25	To Norfolk.	Re tl. that you fwd. to B. a print of semi-monthly rad. reports. F. 3d - Fwd's report prints for semi-monthly report. 9;5
329281	7/25	To AS	Re tl. that you fwd. to the B. a print of semi-monthly rad. reports.
329282	7/25	To American R-C Co.	Fwd's 1 v. make of 1st sheet of drawing.
329283		See CARD 180	
329284	7/25	To Insp.	To Insp. Bill. Re radio installation on Insp. Crabs - 9;13
329285	7/25	To NY	NY to AS re. report in case of ... in case of ... NY to AS re. report in case of ... in case of ...
329286	7/25	To Sile	Gives list of reports re tl. for conf. use of Ind. Div.
329287	7/25	To R.R.	Will in use of improper radio nomenclature.
329288	7/25	To Norfolk.	Fwd. Holman-Cobot Eng. Co.'s test record sheet. Co. NY. Fwd's R-C of to. sent record sheet. 7/25
329289	7/25	To US Engr. Bd.	States that belt is being purchased from the J. ... Co. Shipment order 6;2

APPARATUS

Number.	Date.	From or To—	Subject.
324589	7/9	To CO (Bri.) WARRIOR	Re loaning arc radio set.
270543		See CARD 155	To NY via SGA. Re spare parts for Submarines turned over to French navy. 7/10 To NY. Repts. reply to letter. 6/31
323752	7/10	To Federal Tel.Co. (T)	Fwd. compl. plans of radio towers. W
324750	7/11	To Com.B.F.1 (T)	Expert Aid. from B. will arrive Base 2 tomorrow. W
322441			Report of meters on 6-17 in connection with wireless development.
325591	6:12	P J Landon	Copy of letter to G E Harrison, sub report of progress of work at Federal Tel Co. from 6:5 to 6:12 W
324197	7:11	H Scott	Reqst interview. W

APPENDIX

Number.	Date.	From or To—	Subject.	
325769	7:10	Boston	Confirms tel conversation relative to master control box and switches. W to Boston. Will provide 30 master control boxes & switches of each type: 7/17	
325971	6:18	To Boston	Received back 6:27	
326100	7:12	Marconi Co	Sub report of inspec of factory, and believes such inspec should be carried out regularly. W	
326425	7:8	Kilborn & Clarke	Writes relative to effect of abandonment of purchase and use of spark type radio apparatus in favor of arc type. States will destroy their organization as well as other radio companies, and outlines in detail the relations existing between their company and the navy department.	
325117	7/13	To Mignon W. Co.	Has no objections to their overhauling a r.d. recg. set from Camp Lehigh, Pa. 6/13	
325697	7:13	Belmar	Experiment 4-C Nothing of special interest to report. W	
326747	7/16	To NY	Re ts. to fwd: train cloth. W New York - Fwd's sheet of tracing cloth	8:1
322505	8/5	To Wash	Refer radio apparatus in accordance with supplies by British Admiralty	drawings 786

4-346J

1918

APPARATUS

Number.	Date.	From or To—	Subject.
319511	7/5	To NY	States as soon as type of stand. install. is decided on, the type plans suggested will be drawn up. W
320777	7/6	Fwd. Brook.	Fwds. copies of contract. S received back 7:9
323091	7/6	To NY	Repts. vandyke copy of Abstract on deteriorating defects of porcelain. 7/6 New York - Fwds prints. 7:19
323094	7/6	To CO H-1.	Repts. report on status of motor generator. W USS H-1 7:29
323096	7/6	To NY	Fwds. type # bulletins. W
323688	10/9	Wireless Apparatus Co.	Submits list of parts Contract 2914
323974	7:1	Boston	Confirms tel conversation in connection with status of shipment of type 995 sets. W
322742	7/9	Fwd. S&A	Recom. immed. action to permit Enter. Rad. T. Co. to retain present location until 10/15: W Fwd S&A 7:9 received back 7:12

APPARATUS.

Number.	Date.	From or To	Subject.
✓ 320611	6/27	To Sims (T)	Reqd. to obtain from British 30 gay insulators. W ~~also obtain 100 lbs of insulation shipped~~ ~~7:20 To Sims. (T) Reqd. Reply to~~ ~~12:37. 7/20~~
2411	6/26	NY	1 KW Standard Navy panel radio sets- understands installation of motor generators having 120 volts will not be installed in those having 110 volts- 629
3212.5	6/16 5/15	Sims	Two letter from naval forces in France on Lithium extracts and report of installation of radio eqpt at various French ports. 771
✓ 317394	6:27	Electrical Review	Reqst being fwd. W
321919	SEE CARD	195	
✓ 321777	6:21 8:26	Crocker Wheeler Co. S & A	Reqst copy of contract covering material from Crocker Wheeler Co listed. W
✓ 289261	6/28	Fwd. S&A	Portable mast shipped to D.Qmr. Marine Corps, Phila. W

Number.	Date.	From or To -	Subject.
320716	6/26	To S&A	Reqs. shipt. of radio apparatus for Marin Corps to Phila from Wash.
321747	6:27	American R R Corp	Asks if possible to obtain list copy of prints list covering drawings of 1 kw set. W out
322276	6:25	Pg 3d	Comments on desirability in having firm for third district mfg radio apparatus. Submits information of probability of K C Company going out of business and Skinner & Sady Corp. and K C Corp. taking over r holdings of K C. W
322411	6:26	Marconi Co	Reqs. shipt. of prints of patent for transmitters constructed by Marconi Co. W
322412	6:26	Sims	Reqs. shipt. of prints of patent for transmitters constructed by Sims Co. W
320301	7:22	P: 3d Old Number	Submits supplementary of radio instal. W

Number.	Date.	From or To—	Subject.
1700	7/10	To Times	P Lowenstein - Fwds modification proposed 6:21 E J Simon - Submits report and recommendation. 6:25 Wireless Improvement Co 7:10 Marconi Co - Detailed comments on 8:14
✓ 17010	7/11	To CO. MICH. - Fwds sketch showing location of Decoding table. 7:3	
17011	7/13	To New York - Reply 6:27	
17012	7/15	To Shipments order 6:18 received back 7:16	
✓ 17013	7/15	To Times	
17014	7/15	To Times	
17015	7/15	To Times	
17016	7/15	To Times	
17017	7/15	To Times	
17018	7/15	To Times	
17019	7/15	To Times	
17020	7/15	To Times	
17021	7/15	To Times	
17022	7/15	To Times	
17023	7/15	To Times	
17024	7/15	To Times	
17025	7/15	To Times	
17026	7/15	To Times	
17027	7/15	To Times	
17028	7/15	To Times	
17029	7/15	To Times	
17030	7/15	To Times	
17031	7/15	To Times	
17032	7/15	To Times	
17033	7/15	To Times	
17034	7/15	To Times	
17035	7/15	To Times	
17036	7/15	To Times	
17037	7/15	To Times	
17038	7/15	To Times	
17039	7/15	To Times	
17040	7/15	To Times	
17041	7/15	To Times	
17042	7/15	To Times	
17043	7/15	To Times	
17044	7/15	To Times	
17045	7/15	To Times	
17046	7/15	To Times	
17047	7/15	To Times	
17048	7/15	To Times	
17049	7/15	To Times	
17050	7/15	To Times	
17051	7/15	To Times	
17052	7/15	To Times	
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17060	7/15	To Times	
17061	7/15	To Times	
17062	7/15	To Times	
17063	7/15	To Times	
17064	7/15	To Times	
17065	7/15	To Times	
17066	7/15	To Times	
17067	7/15	To Times	
17068	7/15	To Times	
17069	7/15	To Times	
17070	7/15	To Times	
17071	7/15	To Times	
17072	7/15	To Times	
17073	7/15	To Times	
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17077	7/15	To Times	
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17079	7/15	To Times	
17080	7/15	To Times	
17081	7/15	To Times	
17082	7/15	To Times	
17083	7/15	To Times	
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17086	7/15	To Times	
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17088	7/15	To Times	
17089	7/15	To Times	
17090	7/15	To Times	
17091	7/15	To Times	
17092	7/15	To Times	
17093	7/15	To Times	
17094	7/15	To Times	
17095	7/15	To Times	
17096	7/15	To Times	
17097	7/15	To Times	
17098	7/15	To Times	
17099	7/15	To Times	
17100	7/15	To Times	

APPARATUS:

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Number.	Date.	From or To	Subject.
✓ 11211	7/7	Signal Corps	To Col. Slayter. Fwds. 4 copies of type # bulletins. 7/10 Ska - Fwds copy of correspondence. 7;29
✓ 316497	6-13	Signal Corps	Request signal Corps be favored with copy of all radio literature issued. W 7/1
✓ 316594	5-24	Mare Island	Charging panel for audion A battery on destroyers - fwds. vande - request authority to install on destroyers 94 and 136 class. 6/19 received back 6:29 To Mare Is. Commenting on charging panel for batteries on TBDs. 7/6 Mare Island - rec standard type audion charging circuits and panels. 7-17 to - 111 to report & distribute C. 8/15
✓ 316747	7/12	Atlantic Fleet	Rec'd as per C. 6/19 and activating arr'd for 3rd Fleet. 7/12 etc. to 1st Fleet. 7/12 C. 7/12
✓ 319511	6:21	New York	Sub. detail comments on radio tel installed on destroyers 81 and 82, reqts wiring of receivers be made standard. W
317059	8:26 old number	Fwd Eur Forces	

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1918

Number.	Date.	From or To	Subject.
✓ 317134	6-5	Mare Island	Fwds prints showing operators stool for use in auxiliary radio room and on destroyers. W
> 317177	6-10	No source	Submits report of meeting held June 10 in connection with wireless development. W
31738	7:19	American RR Corp	Detailed comments on submission of weeks report.
316865	6/14	New York	Fwds plan suggested impossible for battle radio system. W
31762	/14	To G.R.	Fwds plan suggested for battle radio system. W
31762	/14	To Atl. Fleet.	Fwds plan suggested for battle radio system. W
31689	/17	To ENR.	Fwds plan suggested for battle radio system. W

Number.	Date.	From or To—	Subject.
✓ 315365	6/1	Signal Corps	Re at Sanit Guy will be allowed to discuss plans by S.O. radio apparatus with the Signal Corps Officers.
315366	6/11	To Signal Corps	Re: S.O. radio apparatus with the Signal Corps Officers.
✓ 315671	6/8	Maila	Confirms telephone conversation re: arrest of radio room on destroyers.
308802	6/12	To Bureau	Re ques. of comp. for leased radio equipment. Fld. Stor. & Trsf. Bldg. Cont. 6/28
✓ 307-20		See Card 180	To Electrostatic Inst. Co. states that quotation is on file. W 6/12
314360	6/12	To CO. Comm.	Encls. Blue prints and ins. plan of pneumatic tube system. At Fleet - Submits recommendations. 6:26 Norfolk - Encls plans showing pneumatic tubes in system. 7:11 To Norf. A. Prov. tubes for Sub estimate covering instal. on Jacient Orion
315491	7:13	Norfolk OLD NUMBER	
315507		See Card Dupl. 190	

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APPARATUS

Number.	Date.	From or To	Subject.
312959	5/23	A is	Submits report on test and insp of Cutting Washington motor boat radio sets - W
			Mare Island 5:25 MI - Sub recommendation. W 9:12
			Liberty 7/12 To --- will be supplied with complete set of drawings in time for bidding. 6/27
			To (T) B E Jarvis Inc-Urgent you submit on sound proof booths immediately-6-7
314095	6/4	Experiment Sta 101-7 W	Under 1000 shipped complete apparatus for special radio examinations on Navy Exp Sta. - 5:27 report. " 6-14 9/11 Naval Academy - List radio apparatus received. 7:3 - W
314102	6/4	Lubliner Condenser Co	To Annapolis Items listed need not be charged to any appropriation. 7/10 Are willing to K & C Co radio apparatus contract or re-in 2 minor covering apparatus. W

APPARATUS

Number.	Date.	From or To—	Subject.
314802	6/8	Phila	Fwds <u>airkykes.</u> W
313886	6-8	TO S&A-	Rqst shipment from NY to Norf-radio apparatus-W To Norf- in re radio apparatus shipped-6-8 S&A-copy of lettr to NY askg date c- ch. pt 6/13 S Order ~~for~~ 6:8 R B 3:1
314945	None	None	Martin 6/3 on wireless developments. W
315074	6/7	New Orleans	Rqst radio file number for radio plans and reports. W
315104	4/28	Washn	Fwds prints of radio apparatus listed. W
314250	6-10	To Bryant Elec Co	Fwds drawing as listed- W
315037		See JAN 198	

To NL. States that spare parts will be suff. for needs of s.c. 7/6

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Number.	Date.	From or To—	Subject.
✓ 164	5:20		Inspr BROOKLYN confirms tel conversation in connection with. W 6:6
✓ 509720	5:21	Westinghouse E & M Co.	File 3-10-2 at Catalogue in information on 3-10-2 by Supply Div. W.
✓ 509921	5:23	Exp Station	Receiving list of apparatus to be supplied 4-12-13 To Expr Sta- addtl info reqstd Exp Station-Mr Peters expects to give demonstration within a week. W 4:13 To Dept 4:25 RB 5:5 Naval Academy 7:13 RB 6/13
✓ 511875	5:27	Chief Cable Censor	Post letter intercepted from Cutting & Washington to London, Spain. Involves pocket on wireless apparatus. W
✓ 51800	5:23	Inspr Boeing	Boeing Airplane Co - reports on re-organization of - reports production increase- reports detail on use of Hall-Scott motor, etc. W 5:29

APPENDATUS

Number.	Date.	From or To—	Subject.
309294	5:22	To Federal Tel Co.	Contract with Western Electric Co. one
		To Wash. Comment. 1. COM. re. 11.	30 k w arc transmitter. Do not believe that
		re re converter. 7/23	company should be relieved of obligation.
			Reqs contract be carried out. W
			To Federal Tel Co. 1. 11/12
			Federal Tel Co. 1. 11/12
			Reqs to expedite itemized list
			of parts of unit. 7/6
309235			Signal Corps 5:22
			To Signal Corps - Fwds probable types of
			1. 11/12
307797	5-27	To Cutter Elec Eng Co.	East Woolly 1. 11/12
		New York	Cutter Elec Co. - Fwds list of radio circuit
			1. 11/12
			To Cutter Elec Co. 1. 11/12
307732	5-27		East Woolly 1. 11/12
			To Signal Corps - Fwds list of radio circuit
			1. 11/12
309910	5-22	To (1) Boulder Die Casting Co.	East Woolly 1. 11/12
			To Signal Corps - Fwds list of radio circuit
			1. 11/12
309921	11:25	Experiment Station	East Woolly 1. 11/12
		To Annapolis - let er of 5-3 allow	To Signal Corps - Fwds list of radio circuit
		was approp to cover cost of	1. 11/12
		material and labor to assist Mr. P	To Annapolis 3-18 Request allotment
		in making demon of radio appr	5-6 Exp Station-Sub further report. W 3:20
			1. 11/12

APPARATUS

Number.	Date.	From or To—	Subject.
307288	5:15	Marconi Co.	Fwds financial statement relative to government contract for week ended 5:14 W
307542	5:3	Pearl Harbor	Booklet containing plans for coordination of radio work at Naval Academy Navy Yard. Reqts station B be included in plan. W Pearl Harbor 1-21
307486	5:16	S & A	Copy of letter to Norfolk, reqts copy of Standard Stock Catalogue. W
307667	5:15	Marconi Co.	Reqts bureau's order National Lead Co. to change mold so as to allow proper amount of shrinkage. W
		International Insulation Co 6/10	International Insulation Co - 5-29 T. Int Insulating Corp - Reqst dimensions as listed - molded hnb-5-2
307712	?	Pan American Wireless T & T Co.	Installation of radio equipment at proposed station Buenos Aires and N Y. Reqts information as to whether only arc transmitter shall be installed and no other machine arc sets be installed. W Pan American Wireless T & T Co. Fwds copy of letter to Federal Tel Co. in con. with the enclosed installations. W 5:18 Pan American Wireless T & T Co.

Number.	Date.	From or To—	Subject.
291400	5:16	Inspr F R SEE CARD 174	Fwds copy of letter to Union Iron Works giving information requested. W Inspr Union 6:24 Inspcr Cramps - Fwd let. from NY Philadelphia gives corrections to (5:16) div. status drawings. W Philadelphia 5:20 7:20
See CARD 191			
306713	5-18	Pearl Harbor 5-29 To Clapp Eastham Co-	Ising what auth to quote Navy type tel receivers-- Fwd Communications--5-18 Clove Esthom Co. fwds catalogue page showing receivers on which quotations was reqts. W 5:20
307420	5-18	To Firms Leeds & Northeys Co. 5:22	Regst immediate info as to price, date delivery, and complete description of listed W One standard mica condenser--One standard portable Four Radio Frequency Milliammeters-- Roller Smith Co. submits quotations reqts. W 5:21 Weston Elec. Instr. Co. cannot quote on standard mica condensers. W 5:21 Thompson Levering Co. 5:20 sub. quotation on standard mica condensers. Reqts vandykes of drawings RE 12 A 104 W
See Card 180			
308794	5:20	Pyro Elec Instr Co sub quota- tion on birometer W 5:23 Leeds & Norfolk Co -submits quotation of standard mica condensers. 5:24 Pyro Electric Instr Co -as in qu cat. 5/5 New York recd 5/5	
308041	5:17	New York	1/2 kw radio set at Ludrous Marine Cons Co asks if shall return to yard. W To NY-- Be returned to NY store. 5-24 back 10:26 To NY-- Regst advice letter by 5/24 To NY. Reqts. reply to letter. 8/30
308542	5-21	To (T) Ramsey Mount	Will be, passed, have you call on C. O. Sweet tomorrow relative to letter's order.

Number.	Date.	From or To—	Subject.
303715	5-10	To [illegible]	Radio apparatus for AA-1 should be delivered by express - 5/17 - W
✓ 307054	5-16	To [illegible]	Elmer & Amend 5:18 W
307055	5-17	To [illegible]	Request telephones, layden jars, head telephones, extra cards, audion bulbs, etc be forwarded via BRIDGE
307091	5-17	To [illegible]	Received back 1:21
305801	5/5	Pacific Fleet	Request telephones, layden jars, head telephones, extra cards, audion bulbs, etc be forwarded via BRIDGE
✓ 306265	5-17	To I A Scribner,	advising no need of platinum, W
✓ 307058	5-17	To Sims	Re Confidential Radio Reports. W Confidential report on radio compass from the enemy nonavailable. Cross to 919

APPARATUS

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Number	Date	From or To	Subject
307092	5-17	To S&A	Hqst Shipment from N Y to Norfolk, 10 1-K W Simon Radio Transmitting sets, W Received back - 1:30
307093	5-17	To S&A	Hqst shipment from N Y to Charleston, 20 1-K W Simon Radio Transmitting sets, W
307094	5-17	To S&A	Hqst shipment from N Y to New Orleans, 10 1-K W Simon Radio Transmitting sets, W
307095	5-17	To S&A	Hqst shipment from N Y to Great Lakes, 20 1-K W Simon Radio Transmitting sets, W
307103	5-17	To S&A	Hqst shipment from N Y to Newport, 5 1-K W Simon Radio Transmitting sets, W
✓ 307124	5-17	To American Spray Co	Acknowledges letter re cooling nozzles, W
307423	5-17	To N Y	Re semi-monthly report of Radio Telegraph W

N Y - Material due on contract.
5:25 - W

Hqst shipment from N Y to Newport, 5 1-K W
Simon Radio Transmitting sets, W
2nd Dist-hqst expedite shipment of radio apparatus
for Hall 117-577
To Newport. Cannot supply radio set wanted,
5-30 5/12

APPARATUS

Number.	Date.	From or To—	Subject.
306431	5-15	To S&A	Rest shipment from N Y to Charleston, 25 Marconi Radio Transmitting sets, W
306439	5-15	To S&A	Resting shipment from Norfolk to Bureau one Standard Stock Catalogue complete, specifying for Radio Div, W
306477	5-15	To Mare Island	Rests inspection of transmitting sets mfgd by Federal Telegraph Co, W Federal Tel. Co. 5-16 To Esd 1-1 CS-In re above--5-18 Federal Telegraph Co 6-20 Is - 5/24
306046	5-14	To S&A	Rest shipment from NY to Gft Lakes radio transmitting sets W
306047	5-14	To S&A	Rest shipment from NY to N Ori transmitting sets--W
306048	5-14	To S&A	Rest shipment from NY to Ghasn Radio transmitting sets--W
306049	5-14	To S&A	Rest shipment from NY to Norf radio transmitting sets--W RB 2-13 Norfolk- Asks bill of lading number 12-13 To S&A- Asks status of above shipment order 12-13

APPARATUS-

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Number.	Date.	From or To-	Subject.
306050	5-14	To S&A	Fast shipment from NY to Phila- radio transmitting sets-- Phila-copy of letter to S&A statg radio trans- mitting sets not recd. 5/6/4
306051	5-14	To NY	List of shipments of radio transmitting sets W--
306426	5-14	TO S&A	Fast shipment from NY to Ports Received back 5:2 radio transmitting sets-- Ports-Tel. Req shipment of remaining sets be expedited. W 9:26
306427	5-14	TO S&A	To Ports (T) wire if above located 10-1 Ports-Six sets due on bureau's ship order 10:3 Fast shipment from NY to East radio transmitting sets-- Received back 9:11
306432	5-16	TO S&A	Fast shipment from NY to New West- radio transmitting sets-- To Key West fast radio recd 11-7 recd 11-7 and 11-11
306433	5-16	TO S&A	Fast shipment from NY to N Crd radio transmitting sets--1-16
306434	5-16	TO S&A	Fast shipment from NY to Gt Lakes radio transmitting sets-- Gt Lakes/P 7:11 Fast S&A 7/17
306435	5-16	To NY	Shipment order 5:16 received back 7:19 copy as shipment of S&A 1-16 received radio transmitting sets--under 1-16 sent at NY Mill--

APPARATUS

Number.	Date.	From or To--	Subject.
3 05018	5-9	To Firms	Reqs that the production of radio material for F. Lowenstein be not held up pending order number for contract 5-9 W
		Weston Elec. Instrument Co. order of L/ Lowenstein being urged. W 5:16 W	Duplicator Sanborns Co 5/10 - this copy of letter from Lowenstein Co states that no orders should not be delivered before June 1st. American Transforming Co have not held up work pending receipt of contract numbers from Lowenstein. 5:11 Goller Smith Co. 5:14 Threatened strike at Forester Brothers wages of several employees raised and strike abandoned. W
306114	5:11	Insp Brooklyn	
306176	5:11	Federal Tel Co.	Fwds vandykes #3 of instruction book for 30 k w trans subs also 20 k w W
306103	5:10	Second District	Reqs blue prints of standard fittings and specifications for radio installation. W To 2nd Dist. Re radio telegraph installation of apparatus on merchant vessels, master control switch. 5-17 Second Dist - Reqt expdite plans. 7:12
306274	5:3	Mare Island.	Fwds weekly report in connection with radio laboratory, radio draughts, radio shop Mare Is. and radio shop San F. W
306253		See CARD 191	

APPARATUS 876

Number.	Date.	From or To--	Subject.
306684	5/14	Western Elec Co ?	Submits quotation on fillers and choke coils to New London, re filters and choke coils desired, 5-15
304610	5-11	TO S&A	Rqst shipment from Wash to Exp Station Western Electric Company 5:14 confirms tel submitting quotations. W
36141	5-13	New York	Reported that suggested changes in design be referred to B for approval before instruction are given rad contractors to make modification in apparatus not approved suggest or wireless I Co 629
293851	5-15	SEE CARD 171	To Western Elec. Co. re methods employed to eliminate ignition noises from the radio telephone receivers. W To Hampton Roads 5:15 received back 5:24
306428	5-15	To S&A	Rqst shipmt from N Y to Phila. 15 Marconi Radio Transmitting sets, W received back 10:1 Received back 11:26
306429	5-15	To S&A	Rqst shipmt from N Y to Norfolk, 15 Marconi Transmitting sets, W received back 11:14
306430	5-15	To S&A	Rqst shipment from N Y to Washington 4 Marconi Transmitting sets, W

APPARATUS

1918

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Number.	Date.	From or To—	Subject.	
✓ 303736	5/2	NY	Fwds booklet of instructions and working drawings 30 KW - Federal arc sets purchased from Federal Telegraph Co under contract 130. ✓ W	
✓ 303274	4-29	Phone Copely Mfg Co-	Radio Tel-1 1/2 KW motor boat sets spare parts and replacements Bu M 3 A Rgn. 1603- Fed Tel Co - List parts of arc convertibles. W 7:8	
302826	5-3	To Firms	Electros Manuf Co - 5/27	
30864	5-1	Wireless Imp Co-5/10-re changing apparatus from sub-contractors-Want Navy contract number as part of shop order number -	In re weekly production reports-radio instead of factory nos - asks deliveries on contracts as listed 5-9 Marconi Co 5:10 W See Card 121	
✓ 304043	4/24	More Island	Asks if factory tests or transmitters sets were witnessed by Bureau representative	629
276315		From Card #159	Requests copies of Bureau Standards Bulletin on measurements of high frequency. W	
✓ 303399	5-5	To Ohio Brass Co-	More Is-Not advisable to enter i. to contract with Haller Cunniff Co if Bu's needs contracted for. W-1/27.	
			Will be pleased to undertake thorough tests on porcelain rods-W	
			Ohio Brass Co. asks if Mr/ Austin can be present at test of new design porcelain antenna rods. 5:14	

APPARATUS:

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Number.	Date.	From or To—	Subject.
✓ 303653	5-7	To Continental Fibre Co—	Fwds forms RE 10AA 120B with sheet instruction RE 10A 117A for use weekly production reports—Comment on—5-7 To Continental Fibre Co—Asks for weekly radio production reports—Rel goes additional vandykes form RE 10AA 120B—5-24 Continental Fibre Co—factory is mailing report direct. W 5-25
✓ 303880	5-7	To Marconi Co—	In re to cost of leased radio apparatus—W Marconi Co—request give action in connection with rental proposition—5/23—W To Marconi Co—set in re above—5-23 Marconi Co—request reconsideration of revision of rental of leased radio apparatus— gives reasons—W—5/5
✓ 304937	5/8	F Lowenstein	Request copy for 100 radio sets provide for payments same as on ctr 30853-W
305125	4/29	Marine Island	Submits vandyke reports on test and inspections of radio appts-W
305226	5/9	War Dept. ✓	Request arrange for admission of Capt Kinley to Palmer and Br. swd. to look over radio installations.W
✓ 305534	5/9	F Lowenstein	Various contracts—appeals against liquidated damages— To Lowenstein Radio Co, re above, 5-5 F Lowenstein 5/8

APPARATUS.

Number.	Date.	From or To--	Subject.
✓ 300949	4-26	To G E Co	Mr L P ... will require about 35 sets of medium and high power vacuum tube stations - W To G E Co - Re above - 2 of sets will require 3 phase 60 cycle 220 volts motors and the remainder 110 D.C. motors - 5-4
✓ 300947	4-29	To Western Elec Co	Contract for 500 helmet phone consists of listed sets - W
302695	No date	No source	Bulletin E - 13-A-3-A will be sent to firms listed. "
✓ 302501	4/30	Naval Communications -	Request complete list of Naval vessels equipped with continuous wave transmitters - W
302623	5/1	Atl Mine Force T To (T) Atlantic Mine Force - Necessity short wave receivers for mine planters not apparent - Most details why needed - 5-3	Request all mine planters be furnished with short wave receivers, meters and receiving control boards - request express shipment to NY before 5/7 - W To Mine Force Atlantic - (T) Necessity short wave receivers for mine planters not apparent - Most details why needed - 5-3
✓ 302621	4-30	Valley Electro Lighting Co	Relative to their auxiliary generating set for operation of wireless sets.
300950	4/27	To S & A	Reqst proposals for radio apparatus be sent only to qualified bidders - W

APPARATUS

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Number.	Date.	From or To—	Subject.
✓ 301673	5-1	To H S S. cutt	May 7th is satisfactory for date of test. W
✓ 302174	4-30	Phile	Fwds copy of instruction book covering arc transmitters prepared by Federal Telegraph Co for S.E. ALCO installation. W
✓ 303226	5-2	S&A	Fwds list of radio equipment concerns now on files and requests revision of. W TO S&A--General list not desired--5-7
302116	5-2	To Dir Nav Comm/ To Nav Comms 5/2 R B 5/9. W	Fwds time spark signals from Carnation for info and comment--W See Card 181
✓ 303611	5-2 New York 7:31	S P Seadman 5:23 NY	To S. J. Steadman-5-3 (Recommend orders stock of spare parts for telegraph sets for Frost station. To— Concur in recommendation and lists spare parts to be kept in stock 6-9 Naval Communication 5:2
303385		See Card 135	

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 300451	4-22	Amer R & R Corp	States E. M. Sammir has severed connections with the firm, and Charles W. Leber is in charge of their New York office. W ✓
✓ 298981	4-23	To G E Co	Att. Mr Edwards—Furnish Marconi Co three recorders similar to last one supplied Navy Radio at Belmar—W
✓ 299881	4-23	To Joller-Smith Co	Fwds additional vandyke negatives for use weekly production reports—W To Dubilier Condenser Co Ditto—4-23 To Electroses Mfg Co Ditto—4-23 To Electroses Mfg Co—4-29
299880	—	—	Electroses Mfg Co. 4-30
✓ 300949	4-23	GE CO	Fwds copy of minutes of meeting of wireless committee April 15th - asks probable requirements. W GE Co - estimate of number of 2 KW sets will purchase. W 4-30
291400	4-24	See Card 169	Resumé of points covered in installation of
		To U.S.S. COMBAT - Auxiliary radio app	Radio app W
		room installation - Fwds plan	To Inspr Camden - ditto W 4-24
		covering installation - Comment	To Inspr Bathe - ditto W 4-24
		on -	To Inspr FR - ditto W 4-24
		To Yrds - Destroyers - Means for	To Inspr Seattle - Destroyer GYN # 71 - install-
		clearing storage batteries for 1/4	ation of radio apparatus on 4-26
		NW emergency transitter - 4-14	To Inspr SHIP - Destroyers 119-124, 181-205 -
✓ 298784	4-24	SEE CARD 180	installation radio appar. on 4-26
		To Weston Elec Inst Co	Reqs complete list of bulletins describing instruments 4-24
			Weston Co - Request model numbers of instruments not in bulletins. W 4-25

APPARATUS

Number.	Date.	From or To—	Subject.	
299087 Boston.	4-24 5/4	To Cdt Bost Marconi Co 5-17	Reqs advisability of using eighteen 9/16" threads to inch instead of 20 To N.Y. Reqs reasons for using special thread 4-24	24
N.Y. fws corrected drawing quench cap unit. 5:16	4-24	To F Lowenstein - 5-8 To Bost - 5-8 Boston 5:14	To F Lowenstein - No change at present. 4-24 Lowenstein Co - Request authorization to furnish 5/8 - 18 thread bolts on 5 amp cap units. W 5-3	
300230	4-24	To Monitor Controller Co	Fws specifications Re 13A ILLD referring to starting equipment with modifications 4-24 W To Cutler Hammer Mfg Co Line switches omitted on hand starters for radio motor generators - mod spec fwsd 4-24	
	4-24	To N.Y. VOID	Reqs drawings and desirability of supplying all ball bearing machines with pulley for re-moving ball bearings from radio motor generators W To Crocker Wheeler Co - asks estimate of supplying pulley in lots of 200 4-24	
301254 S & A Reports inability to give 3 weeks of advance of bids. Special ref. Kilborn & Clarke Co. W 5:14	4-22	KEC Co	Request forward copy of schedules covering radio apparatus to NY Office, in addition to Seattle office. To K & C Co - Cant comply with reqt. 4-29 KEC Co - Request all schedules and blue prints be mailed to Seattle office. W 5/4 To Seattle - K & C reqt radio apparatus. Schedules sent to Seattle office. 1-10 Radio Telegraph - Cancellation of app. of chloride of silver dry cells W	
298781	4-24	To Bost & Yards	Sixth District fws requisition with action on various items. 5:20	
298796	4-25	To Wash.	Removal from Navy Yard Wash of Radio activities. W To Washn-4/25-RB-5/8.	

APPARATUS.

Number.	Date.	From or To—	Subj.
298053	none	Bureau	Wireless developments - forwards report of meeting held April 8th. W Minutes of meeting of April 15th. (No source or date)
298087	4-17	F. Lowenstein	Reports special thread sizes, etc., called for on various government drawings, tend to delay production - calls attention to, and requests instructions. W
29874	4-16	NY	To NY - in re auth above-5-7 To Marconi - in re drawings not being changed-5-7 New York vandykes, 5-7 Reports that one of the two KW radio sets Manuf by the American R B Corp successfully passed acceptance test - W 629
299145	4-17	Phila	Forwards miscellaneous radio drawings. W
298170	4/16	To Phila	Reqt for Vandykes of latest alteration of drawings listed. W Phila - vds vandykes of radio compass drawings. (Cross to 919.) W 4-25
298956	4/17	To NY	Reqt Vandykes of latest revision of insulator. W NY - Insulators - Fwds prints. W (Cross to 911) -
299761	4/21	To Mr. Co ps, Phila.	Ask if radio apparatus rec'd. W

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 299644	4-19	Walker Bros & Haviland To Norf	Reports shipping to Norf radio starter for suitability test. W Repts starter be tested and reported on 4-24
✓ 299536	4/17	E.J. Simon	Fwds misc radio plan. W
✓ 299563	4/19	Cutting & Washington	Gives reasons why radio apparatus ~~xx~~ should not be standardized. W
✓ 299613	4/19	Internatl Radio Tele Co	1/2 Kw radio set-fwds Va ndykes covering. W
✓ 299229	4/20	To Cutting & Washn	Estimated deliveries of 1/2 Kw motor boat radio sets on reqn contr 527. Reqt submit infor in connection with. W
287557	SEE CARD 166	Marconi Co. drawings fwd. to International R. T. Co. 5:15	To Inter'l Radio Tele Co-4/22 Internatl Co-lists items will supply with 1 Kw sets: will not supply relay key and spares. 4-24
✓ 298783	4/22	To Weston Elec Inst Co	To Marconi Co- In re above-5-7 To Int Radio Tel Co-in re above-5-7 Books on care and operation of instruments supplied to schools. Reqt copies of. W Weston Elec Instr Co-4-24 To Weston Elec Instrument Co-5-8
✓ 299715	4/18	To U.W. Waller	British Marconi Co after world's rights for transmission apparatus. Bu is interested in rights in China and Far East.

1918

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 296388	4/10	To S&A	Reqd shipt of induction coil from NY to Wash for test. W Shipment order RB 4-19
296290	4/10	To S&A	Reqd shipt of radio trans set from NY to Wash for test. W To S&A r a ship from NY to NY 4-17 Washn ba cane 6-14
297291	4-10	NY	Type plan of radio equipment on battle- ship flagships - forwards vandyke. W
✓ 296189	4/11	To Dept via Nav Intell	Fwds prints showing radio compasses, W
✓ 296860	4/11	To Marconi Co	Reqd Vandykes of drawings showing connectors for 5 KW Marconi quenched gap and condenser holder. W To Marconi Co-acknowledges above-4-25
✓ 297760 Norf. W	4/5 5-1	M IS	1917 radio order Number 4--gives description of reactance coils for ALBATROSS & RAINBOW. To Norf - Fwds M Is let 8379-18 R in connect ion with design of reactance coil- Drawing RN 201 130 4-24
✓ 297749	4/13	Director Naval Comm	Fwds Italian articles on radio telegraphy. W To Nav Intell- Fwds 3 Pa phle.s for trans- lation-4-30 Fwd. Nav. Intel. 5/26. rec ba K 9:16
297501	4/11	Norf	Fwds special report on radio installation W 562-6

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 298109	4-15	Sims copy #6569 IL 6520	Wireless installation, type 9 set and type 12 in specifications for standard sound-proof receiving booth - have forwarded prints and specifications. W
✓ 296932	4/13	To S&A	Important radio material not received by Sims. Lists ship orders, and reots locate ships. W
✓ 297370	4/13	To S&A Sims - Copy 2416 - Radio tel not received, reqst expedite delivery 8:6	Rest ship of radio telephones, etc., from NY to Queensdown, Ireland. W To Sims - Gives action taken 4/13 NY - Material not yet received. 4-25 Sims: COPY 1453 - Rest ship of radio tel. W 4-20 To S&A Re ship of radio tel. to Sims 4-25 S&A - 4:6 Acknowledges receipt of tracing of proposed communications in South America. W
NY 10/11 ✓ 297562	4/13	List deliveries made To A. E. Seelig	
✓ 298632	4-12	Naval Academy	Forwards request from Midshipman J.B. Dow, requesting some information relative to radio stations - recommends be given. W To Dir Naval Com. Desires above info to be given. 4-25
410	4/15	S&A	Recommends that future contracts for radio apparatus, where provision is made for advanced payment, that clause in accompanying memo be followed instead of that used in contract 36141. S&W

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APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 293851	4/2	To Western Elec Co To Hampton Roads, fwding letter from Western Elect. re eliminating elect. disturbances sets and asking for return of same, 5-15	Iron core impedance and capacity filter on ignition sets of subchaser to prevent interference. Reqt details of. W Western Elec Co 5/8 - Fwds blpts with detailed comments re eliminating elect disturbances on radio teleph sets installed on chasers. ✓ Issue of tracing cloth, to Radio Aid Johnston auth, who is at Marconi Co doing experimental work. W
SEE CARD 177			
294109	4/2	To NY	
294121	4/2	To SEA	Reqt shipt of apparatus from Wash to Radio Div, Bu.W to Wash re ts. that material b placed in stock. 5/23
✓ 294364	4/2	To GE Co	Sample loading coil and quenched gap electrode. Will be tested at Wash. W
294535	4/5	To SEA	Contr number: desired for 1918 regns. Lists. W TO S&A— Gives numbers desired 4-25
✓ 295114	4/5	To Inter ✓ Radio T. le Co	T Bu sanctions Signal Corps with Henderson Engine from Navy contr said engine to be replaced. W
295115	4/5	To Wireless Spec Ap Co	Calls attention to discrepancies which appear in description booklets of Panel Radio Trans. Wireless Specialty Co - 5-1
295166		See CARD 192	

876: APPARATUS.

Number.	Date.	From or To--	Subject.
295330	4/4	NY	Miscellaneous radio prints covering radio installation made on subchasers, merchant ships, etc. W
295870	3-25	GE Company	Wireless developement - report of meeting held to discuss developements, March 25 and April 1st. W
296198	4-8	Federal Telegraph Co	Forwards correspondence with GE Company, stating ~~may~~ cannot better shipment on May 20th of power equipment of 20 kw sets. W
293648	4-5	To Chatham	Reqs for original installation of shore Station radio apparatus at Naval Air Stations directs have officers in charge of air stations submit reqns for material 918
297073	none	none	Minutes of meeting held March 11th, to discuss wireless developements. W
295912	4/9	To SAA	Reqt 495A. for Newport. Reqt draw supplies from Bost instead of NY as called for. W

APPARATUS.

Number.	Date.	From or To--	Subject.	
294631	4-1	Phila	Cutting & Washington 1/2 doz sets - request descriptive pamphlets. W	
293425	3/30	To SEA	Material purchase by yards on schedules. of award to be made in advance. connection with. W	Pec instrs in
293563	3/30	To Marconi Co.	English specns on fire control set. Ask when model type will be ready for test. W	
293611	4/1	To Nav Acad	Discovery of improvements for present radio equipment. Reqt report from Lt. Birk. W To Navgn. Reqt Lt. Birk be ordered to submit report. 4/1	
294928	3-28	Phila	Request two copies of radio telegraph bulletins be furnished supply Department. W To - Fwds. 4/12 Phila- 4/25 To - Ask source of inquiries re type #s. 7/31 Phila- 8:30	
295165	4-2	NY	Forwards radio drawings covering report of test on Sperry short wave transmitter, on the USS ALBATROSS. W	

APPARATUS.

Number.	Date.	From or To	Subject.
✓ 295166	4-2 4-4	NY S&A	Reports receipt of radio apparatus from abroad, for test - request instructions. W To Sims - Rqst duplicate shipment British apparatus for test - 5-10
✓ 295204	4/3	✓ Cutting & Washington	Reports of apparatus will be shipped by next mail / Sims - Rqds additional radio apparatus. 7:11 Takes exception to statement that their 5 ampere set does not do as well as 5 ampere sets of other types. W
✓ 294172	4/4	To Weston Elec Inst Co To West dimension blue print. 4/13 To Weston Elec Co - Rqst drawing that was not enclosed - 4-20 - 4-29 Weston Elec Instr Co - Fwds blue prints of instruments. W	Rqst descriptive matter on small DC ammeter, supplied to E. J. Simon for use on airplane. W Weston states output is entirely absorbed for Liberty motors. W 4-6 Weston Co - Gives dimensions and fwds prints. W 4-7
✓ 294521	4/4	To Post and radio compasses for 4-30 to Post - in re emergency transmitting sets - 4-4	1/4 KW Emergency trans sets, reqn 1362. Wireless Spec Ap Co. Instrns re shipt of. W To NY - Ditto for DESTROYERS. 4/4 To Phila - 4/5 Supply office, Phila - Rqst info re order of statements. 4-22 To Phila - Destroyers LITTLE and FAIRFAX
✓ 294540	4/5	To Yards Fleets	Description booklet of 2 KW type transmitter. Fwds. W
✓ 293845	4/2	To S&A	Rqst shipt of batteries for audion from Wash to Dr. Goldsmith, College of NY. W Shipt order of 3/24 - R 3 5/9
✓ 293850	4/2	To Atl Flt T	Directs hold tests to det minine maximum length of antenna that can be used without pushing fundamental above 125. W Atl Flt - 4/3

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 293611	3-28	Exp Sta	Forwards copy of letter from Lieut. J.W. Birk reporting on discovery of improvements for present radio equipments - request opportunity to demonstrate. W
293359	3/27	NY	Adjustment of circuits on 20 kw arcs-fwds report on experiments with.W
293723	3/29	Observatory	Reqt radio apparatus for use of naval observatory Eclipse party.W To SEA—Reqt shipt of apparatus from Wash to Observatory.4/4
291400	3/27	To Yards Sims--	Destr yers. Standard radio installations and plans. Fwds plans with detailed comments on. W
		To Wash Fwds plan of auxiliary radio room.4/4 See Card 174	Washn-reqt type plans.3/30 Chasn 4-7
292054			At Ft 3/29-copy of comment rel to changes Standard plans radio apparatus.3/29
✓ 292053	3/26	To Intern'l Radio Sale Co	Fwds copies of nameplates attached to radio compass houses. Direct change name plates on.W Internat'l Radio Tel Co-Reqt vandykes.W 3-28 To—4/2
✓ 292451	3/26	To Marconi Co	Reqt Vandyke negative of specns c ntaining instrns for operating motor boat radio set. W
✓ 292967	3/28	To 3rd Dist T	Reqt auth Marconi Co transmit on antenna Aldene, N.J. starting March 29th. W

APPARATUS.

Number.	Date.	From or To.	Subject.
✓ 293995	3-30	NY	Recommends Bureau authorize expenditure of \$50 per set for any alterations or repairs, in connection with test of East Coast radio order #5. W To—Auth. 4/4
✓ 293052	3/27	Federal Telegraph Co	Fwds proposed agreement between Federal Co and the Marconi Co providing for transfer to Marconi Co of all Federal Stations with exception of factory sites will devote entire attention to and proceeds of sale to manufacture of apparatus. W To—Detailed comments on. Disapprove form of agreement. 4/1
294088	3/29	Chasn	Capt Todd—rel to Marconi Co purchase rights of 6/6 Reports receipt of 4 1/2-kw Sims radio transmitting sets. 3/26. W
✓ 292648			✓ Cutter Elec Co—Reports on delivery of circuit breakers to the Wireless Spec Co. W 4-1 To Cutter E&M Co—Directs expedite circuit breakers for Wireless Spec Ap Co. 5/0
✓ 292945	3/30	To Firms E.J. Simon—submits comments. 4/3 Wireless Specialty Co - Submits quotations. W 5-1	Rest comments on method of compiling radio drawings which will meet fully needs of contractors. W Internat'l Rad Tel Co—Suggestions for working drawings. W 4-1 Liberty Elec Co—Gives suggested procedure. W 4-3 F. Lowenstein - Reqs Bureau supply drawings of radio apparatus. W 4-3 K&C Co 4-5

APPARATUS.

Number.	Date.	From or To--	Subject.
289639	3/18	To F. Lowenstein	Fwds drawings for use in manuf of five 5 KW spark transmitters. W
290467	3/16	N London Exp Sta	Reqt be furnished with semi monthly radio report. W
290694	3/20	To SAA	To acknowledge. 3/25 To NY--Directs inspect apparatus. 3/27 Wister & Statson - W 3/28 Fwd Supt 3rd Dist - 4/4 Reqt shipt of audion bulbs from Wash to City College. W City College, NY--Apparatus received. 8:30
290700	3/20	To Marconi Co	Directs expedite completion of detail drawings for panel transmitters. W
291271	3/20	F Lowenstein	5 kw inductive coupler-no holes provided for type number name plates. W To--Comments on. 4/1
Marconi Co--4/15 Marconi Co--Crocker Wheeler Co will advise date of delivery of motor generators. 4-25 To Marconi Co--Gives info as rqsted to Marconi Co--Directs expedite completion of sets. 4/8 Marconi Co rectx type number of name plate for motor generators be furnished Crocker Wheeler Co. W 5:21 Marconi Co 8/16 - see card 196			Marconi Co--Directs expedite completion of detail drawings for panel transmitters. W Marconi Co--Gives action. 3/25 To Marconi Co--Directs expedite completion of sets. 4/8 Marconi Co--Ask expected delivery dates. 4/16 Crocker Wheeler Co - 8:30

1875.

Number.	Date.	From or To--	Subject.
292159	3/20	2nd dis	Instructions to specifications To ~~A~~ pvs rec. 3/29 To NY ~~Radio tel.~~ Rotary spark plug- Not to incorporate change in contracts-4-23 Asks what yard will furnish spare parts for radio apparatus for vessels taken over by the Government and sub chasers. W Fwd New York ~~3/27~~ RB 4-6 Fwd 2nd Dist ~~4/9~~
292302	3/19 3/22	M.R. Oden 5th nav dis	Steamship VENTURIA radio set from-asks disposition. W Fwd Dist Com Supt Norf-3/25
292538	3-19	Puget Sound	Request miscellaneous radio drawings. W
289761	3/23	To S&A	Reqt shipt of radio apparatus from Wash to Marine Corps, Phila. W Fwd Wash-3/23 Marine Corps 8:24 To S&A-Re for amendment of shipt reqt. 3/30 Washington 5/9.
291698	3/23	To H.B. Sherman Mfg. Co	all lug terminals for radio apparatus are furnished by contrs. Lists contrs. W H.B. Sherman Mfg Co-submits printed matter of their line of fittings. 3/25

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 288044	3/12	To Wash	Apt. Yard to furnish hubs for De F rest radio sets now in stock, and equipped with fans being manufd by E.J.S. Imn. W
288056			✓ Washm Yard-4/1 To Gen Radio Co--Submits report from wash on wave meters. 4/10
✓ 288371	3/12	To Atl Flt	Comment on standard radio installations on battle-ships and battle cruisers. Lists information desired. W Atl Flt 3-25 European Forces - Submits req. and comments on standard radio installation on destroyer, etc.
✓ 288725	3-12	EEC 32 T	Request guarantee that they will receive future orders - will proceed with purchase of 1000 sets and 1000 sets of wave meters. If given this assurance. W To--(T) Cannot promise to purchase sets. 3/14
✓ 288952	3-5	Larsoni Co, per E... Steadman	Steadman - States that the Federal Telegraph Company is under obligation to furnish the Larsoni Company with any improvements made on the H. H. H. arc - object to discuss - asks for improvements and quotes agreements. W
✓ 288771	3-11	Wireless Spec App Co	Emergency transmitters-fwd's prints. W
✓ 288628	3/13	To New Lond	Booklet describing plans for co-ordination of work at navy yards. Fwd's. W
289261	See	Card 188	

4-4381

APPARATUS.

Number.	Date.	From or To—	Subject.
287636	3/7	Wireless Spec Co	Fwds prints showing detailed developments of certain parts. W
287702	3-5 3-9	War Department Department	Forwards copy of telegram from U.S. Co. stating that it will be in possession of the same within 30 days unless additional work is received. W To Dept--3/11
262930	SEE CARD 150		To Copaly Mfg. Co. No objection to working on development of short range static trans. 3/7
285784	3/8	To Dept	Equipment of all United States vessels with emergency radio set with range of at least 50 miles. Comments re advisability of. W
286177	3/8	To Wash	Test and inspection report of five Federal 20 KW transmitters on contr 15. Fwds inspection reports. W
287667	3/8	M Is copy	Request authority to proceed with mfg of certain radio apparatus for naval engines. To--(T) Appvs. 3/15
287868	3/9	Supt Pac Coast Supt T	Federal Telegraph Co recommends that contract be placed on cost plus fixed profit basis and gives reasons. W To M. Is. --(T) Cannot change contr 35282 without contractors consent. 3/12

APPARATUS.

Number.	Date.	From or To—	Subject.	
287981	3-8	Wireless Specialty Co.	Two hundred emergency sets - forwards prints showing developments. W	
288007	3-9	A. Windley Department	ask if he has right to sell apparatus from the U.S. Patent. Fwd Dept. 3/12	
287529	3/9	To Wash	Reqd for vandykes of radio stock material Washin Yard--fws vandykes. 3/14	list. W
286702	3/11	To Phila	Reqd Vandykes of certain drawings. W Phila-fws drawings of radio switchboard nameplates. 4/9 (Cross to 900)	
288057	3/11	To O.B. Wiren	To - receives vandykes and fws 10 additional 4-24	
287557	3/12	To Liberty Elec Corp--3/23 To Inter'l Radio Tele Co--Fws Wireless Imp Co-reqd addtl prints. 3/19	Returns sketches and specs of apparatus recently left at By. W Vandykes instrns 3/25 To F. Lowenstein--4/2 To liberty Elec Corp--3/22	
		To Firms	Fws drawings to be used in construction of radio sets on reqn 1359, and other reqns numbers. W	
		To Inter'l Radio Tele Co--Fws	To Wireless Improve Co--Fws blueprint instrns for manu f transmitters. 3/15	
		To Firms--Fws Vand. kes. 3/15	To Wireless Spec Ap Co--3/15	CARD 173
288037	3/12	To F. Lowenstein--3/16 Internat'l Rad Co-Reqd addl prints. W 4-2	Test of magnet destroying device. Instrns re test. W Dept-Commerce or Bu Standards - Will consider matter closed. W 3-26	
288043	3/12	To Wash	Auth assembly of magnet to be completed as soon as possible, and conforming to characteristics listed. W	

APPENDIX.

Number.	Date.	From or To—	Subject.
285604	3-1	NY	Dwds booklet of instruction on 2 and 1. kw Radio sets.
285398	2-25	Doston Yard	Cleared dry motorboat power units supplied by the Copely Mfg Co - forwards report of test. W
286260	3/2	L.C. Clark	Reports dissolving connection with K&C Co.
286224	3/1	NY	Request instrns rel to filling M is reqn for various radio prints. W To M. Is. -- Dwds prints. 3/13
284708	3/2	To Sims	Buzzer sounder to be obtained from Indo-European Tel. Co and forward to Bu. Instrs European force-buzzer sounder purchased from the Indo-European Co - ~~4/4~~ 4/4 Dwd Wasg-4-30 Received back 5:21
286424	3/2	To Wash	Faults in detectors used on subchasers. Jar out. due to excessive vibration. Direct development of satis form. W
4/19		Auth purchase of 25 detectors.	
285600	3/2	To M&C Co T	Washn Yard--submits report on faults in detectors used on subchasers. W Cannot award contracts for sets merely to keep factory busy. Bids so high & vt that it did not want any work. W Kilbourne & Clark - (2) kists prices submitted - were computed on a basis of cost of sets now in factory. 3/2

876 APPARATUS.

Number.	Date.	From or To--	Subject.
264214	2-1	European Force.	Radio apparatus; control of; master of emergency vessels submits recommendation. 771.
264301	3/4	To M. Is	Lists drawings which are endeavoring to ship at once. W
265845	To Ports--4/20 3-4 Ports		request radio vandykes. W
	To Fwds drawing showing type plan of antenna. 3/29 Ports 4-II		To Fwds 3/13 Ports Ask if other plans available for antennae of larger vessels equipped with 2 kw radio sets. W 3-26
265561	3/2	NY	Fwds report of material purchased under naval emergency fund. W
265063	3/6	K&C Co	C.B. Cooper has been appointed NY Mgr. W
265766	3/5	To Phila	Information relative to coils for ascertaining direction of incoming radio signals. Phila in connection with... of Phila... requested this already been furnished. 3-13
266186	3/5	To Enote liers n & C	Re t ship to su standards one 8" induction coil which has been designed for exray apparatus. Enote liers n & C - L. Z-C
267251	3-6	Wireless Spec App Co	200 emergency sets - fwds prints giving detailed development of certain parts completed. W

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 284573.	2/21	Wireless Specialty Co	Relative to development of 1/4 KW emergency sets - "
✓ 285302	2-27	Boston	Forwards photographs of antenna switches and flash-proof hand key for submarine sets. "
✓ 284983	2/2	Cutting & Washington	Fwds VanDykes of 2 kw sets.
285166	2-26	Boston	Radio apparatus-fwds drawings. "
✓ 284508	2/28	To Yards Fleets	Description booklet of Navy Crystal Detector, Fwds. "
284703	2/28	To S&A	Reqt shipt of trans sets on contr 1335 with Marconi Co be expedited to ships listed. "
✓ 284724	2/28	To S&A	Reqt shipt of radio compasses, etc., from Wash to City College. W
To S&A--Reqt shipt of radio head telephones from Wash to City College of NY. 4/9		To International Sig Co--Directly deliver first three coils to City College. 2/28	
To S&A--Reqt shipt of radio apparatus dated 2-23-28 4-12		To S&A--Reqt shipt order of 2/28 be amended. 3/4	
To S&A--Reqt shipt of radio apparatus dated 2-23-28 4-12		To S&A--Reqt shipt of compasses from Wash to Phila. 3/23	

APPARATUS. 876

Number.	Date.	From or To	Subject
285124	2/28	To NY	Re: ting that P.R.F. Martin, of <u>GE Co</u> be allowed to visit station. W
285524	3-25	Roller <u>Smith Co</u>	Requests missing sheets and specifications. W
285641	2/28	Washn	Defective workmanship on DeForest apparatus. W To De Forest Co. Y and has auth to reject any apparatus not satis. 3/6
285784	3-1	<u>Sims</u> T	4566 - Recommends that auxiliary storage batteries sets for emergency use have at least 50 miles range - can be located - last chance of placing out of commission. W To Dept - 3-8 - 15-3-13 Fwd Dept - 3/14 - 3-20
285072	3/1	To Pug Sd	Reqt Ewds Vandyke of RS 66AA 158. W To Dept - 3-14 - 3-20
285655	3-2	Jones & Petrola VCLD VCLD	Messenger will leave 9:00 A.M. Sunday - arrives in Washington 2:00 P.M. D.
285854	3-1	Layhew Co	States have 15 low set that meets specific conditions - said to have test made at their ship. W

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 282085	2/19	To NY	Reqt for descriptive booklet 11RY 43A 139. W NY--fws booklet of instrns. 3/4
✓ 282531	2/19	To Goodrich Co T	Reqn number for 17 radio sets 570. Contr and priority not yet assigned. W
✓ 282531	2/18	B. F. Stauffer T	17 radio sets - request contract number covering - W
✓ 282998	2/20	To Bost	Reqt for Vandykes of drawing showing latest revision of RB 23F 107. W Boston-fws plans requested. W 2-25
✓ 282999	2/21 furnish. 3/1	To Copely Mfg. Co	Lists parts and repts quotations on. W Copely Mfg Co--will give data Feb. 25. 2/23 Copely Co-Submits quotations. W 2-25 To--Ask types and makes of plugs will fws blueprints of drawing showing details of 5 KW loading coil and variometer type. W
✓ 283001	2/21	To GE Co	fws blueprints of drawings as listed, W
✓ 283002	2/21	To GE Co	
✓ 283291	2/21	To GE Co	Minutes of weekly meeting of Engineers engaged in radio development work. Detailed comments on. 3/21 GE Co-gives data. 2/25. W To--Detailed comments on. 3/12 3/12 GE Co-quotes prices on amplifiers for radio compasses. W (Cross to 9/21) 3-28

T.R.TUS.

Number.	Date.	From or To—	Subject.
✓ 283870	2-21	Marconi Company	Forwards report on status of government contracts. W
✓ 283869	2-21	Marconi Company	Forwards schedules of apparatus on hand in sets which Marconi Company of Canada have in stock. W To—2/26
✓ 283762	2/19	Marconi Co	Request Vandykes of prints listed.W To—2/28
		To—Fwds drawing with comment. 3/6	To—Fwds Vandykes. 2/28
		Marconi Co—fws Vandykes of lightning switch. 3/12	To—Fwds. 2/28
✓ 283715	2/25	To—Gives action. 4/9 To NY	Reqt fwd vandyke showing antenna guard. W
284359	2/26	To Wash	Reqt for radio drawings. W
284862	2/26	E.J. Simon	Request certain plans.W To—Fwds. 2/28
✓ 284965	2-25	Marconi Co	Gives number of shares held in England, in the Marconi Company. W
✓ 285116	2-26	Marconi Co	Fwds prints of 2 kw terminal wiring diagrams and also letter to Mr. A. B. Stewart. W

APPARATUS

1918

Number.	Date.	From or To—	Subject.
232688	OVER	SEE CARD 162 - A	To Pearl Harbor - Via Commandant - Issue type numbers bulletin RE 15A 105A-W
		To Wireless T. Co. Advisable to leave type # SE 965 as suggested. 7/9	To Sims - 6-3
		Wireless Improvement 7:10	To Cavita - 6-3
		Supplier Condenser Co. 7:10	Cutter M Co - fws drawings - W
		Radio work - 7:9	Federal Telegraph Co - 6/5
		Philla - 7:16	Wireless Socialty Co - 6/5
		Century Tel. Co. Assnt. type #s 7/30	To Firms - Enclose a sample form which should be followed in a buying type numbers - instructions in re to - 6-6
		To Wash. Repts. Co. Assnt. type #s 7/30	To Lowenstein. In re 1. to 1. 6-6
		To Holtzer Cabot Elec. Co. Assnt. type #s 7/30	To Simon. Given type #s for panel set. 7/1
		To Inter. Elec. Co. Assnt. type #s 7/30	To Wash. Repts. Co. Assnt. type #s 7/30
		Inspir N Y S 3:2	Weston Elec Inst Co 6/10
		H C Co - TEL Reqt assign number to motor generator. W 8:9	Supplier Condenser Co 6/10
		To Wireless T. Co. Assnt. type #s 7/30	To Wireless T. Co. Assnt. type #s 7/30
		To Wash. Repts. Co. Assnt. type #s 7/30	To Wash. Repts. Co. Assnt. type #s 7/30
		To Holtzer Cabot Elec. Co. Assnt. type #s 7/30	To Holtzer Cabot Elec. Co. Assnt. type #s 7/30
		To Inter. Elec. Co. Assnt. type #s 7/30	To Inter. Elec. Co. Assnt. type #s 7/30
		H G Company 8:9	Manhattan Electrical Supply Co 6:20
		To Wash. Repts. Co. Assnt. type #s 7/30	Century Construction Company 6:18
		West Elec Instr Co 8:14	Philadelphia - 6:20
		H C Co 8:14	Lowenstein - 6:21
		To Inter. Elec. Co. Assnt. type #s 7/30	To Holtzer Cabot Elec. Co. Assigns type #s. 6/25
		To Holtzer Cabot Elec. Co. Assnt. type #s 7/30	To Phila. Assignment of type #s to radio switchboards. 6/27
		To Inter. Elec. Co. Assnt. type #s 7/30	To Lowenstein. Ack. rect. of let. of 6/21. W6/27
		To Wash. Repts. Co. Assnt. type #s 7/30	G. E. Company 6:25
		To Holtzer Cabot Elec. Co. Assnt. type #s 7/30	To Wireless Spec. Ap. Co. Assnt. of type #s 7/2
		To Inter. Elec. Co. Assnt. type #s 7/30	Phila. - fws prints. 6:29
		To Wash. Repts. Co. Assnt. type #s 7/30	Wireless Improvement Co 7:5
		To Holtzer Cabot Elec. Co. Assnt. type #s 7/30	To Wash. Repts. comment on Modificat. Reqt'd by Century Tel. Co. 7/5
		To Inter. Elec. Co. Assnt. type #s 7/30	To Amer. E. L. Co. Co. Assigns type #s. 7/5
		To Wash. Repts. Co. Assnt. type #s 7/30	To Simon. Assigns type #s for panel set. 7/8
		To Holtzer Cabot Elec. Co. Assnt. type #s 7/30	To GE Co. Assigns type #s for motor generator. 7/8
		To Inter. Elec. Co. Assnt. type #s 7/30	To Simon. Assigns type #s for quenched gap holder. 7/8

4-3393

APPARATUS.

Number.	Date.	From or To—	Subject.
232688	3/5	To Phila	Type number bulletin. W
		To E. J. Simon—3/21	To Weston Elec Inst Co—3/6
		To Sperry Co—3/21	To Foreign stations, Sims Yards—3/7
		To Splitdorf Elec Co—3/21	To Amer T&T Co—3/8
		Cutting and Washington—replies to	To Phila—3/8
		letter of Feb. 2nd relative to	Crocker Wheeler Co—3/8 - Further data. W
		parts requiring type number. 3/20	F. Lowenstein—3/7
			Phila - Relative to assignment of Type
			#30 radio compass coil. (Cross to 898)
		To Ward Leonard Co—3/22	To Western Elec Co—3/9
		To GE Co—3/22	To Firms—Fwds instrns. 3/9
		To Crocker Wheeler Co—3/22	To Marconi Co—3/13
		Crocker Wheeler Co—3/23	Roller Smith Co—replies to letter of
		Triumph Elec Co—3/23	January 2nd. W 3-12
		Boston—fws prints. 3/22	To Firms—Fwds certain pages fr m certain
		To Marconi Co—3/23	bulletins. 3/14
		To Cutter E&M Co—3/23	To Domestic Eng. Co. 3/14
		Phila - W. 3-26	Phila—3/12 numbers for 20 inch radio
		To Weston Elec Inst Co—3/27	compass. W 3/12
		To Crocker Wheeler Co—3/27	Cutter Elec Co—3/14
		Marconi Co—3/27	Chloride of Silver Co—3/14
		Sims—T-states type number bulletins	Triumph Elec Co—3/13
		not received. 3/28	To Wash—3/16
		To NY—3/29	To Crocker Wheeler Co. 3/16
		To Wireless Improve Co—3/29	Robbins and Meyers—3/15.
		To Wash—3/29	To Chloride of Silver Dry Cell Bat Co—3/18 (2)
		To Cutting & Washington. 3/28	To Phila—3/18
		Crocker Wheeler Co—3/29	To Cutter E&M Co—3/18 Phila fws prints 4-12
		Splitdorf Elec Co—3-states their	To Phila—3/18
		representative Mr. Scholl will	Ward Leonard Co—Fwds print and says to
		call on the 28th. 3/27	showing how type numbers are put on apparatus
		M Is—fws prints. 3/20	Phila Elec Co—Fwds prints forwarded
		To Wireless Spec Ap Co—4/4	To Weston Elec Inst Co—3/19
		To E. J. Simon—4/4	To Robbins & Meyers Co—3/20
		To Roller Smith Co—4/4	To Amer Transformer Co—3/20
		To Crocker Wheeler Co—4/2	To Triumph Elec Co—3/20
		To Phila—4/2	To F. Lowenstein—3/20
		To Domestic Eng. Co—4/5	To Cutter Elec Efg Co—3/19
4-9-		Weston Elec Instr Co—Relative to	To Electrose Insulator Co—3/21
		type numbers for frequency meters. W	To Weston Elec Inst. Co (T) 4/11
		Cutting & Washington—4-5	
		NY—fws prints. 4/9	
		M Is—rel type number fr coils. 4/5	

SEE CARD 162-A

APPARATUS. 876

Number.	Date.	From or To—	Subject.
280897	3/8	To NY Military Academy	Directs wait until after ware for purchasing Navy type motor generator for high frequency experiments. Crocker, Wheeler, Co- Asks if sat to quote price on 1/4 and 1/2 kw motor generator set to NY Military Academy. 11;18
280901	3-11	Marine Corps, Manila	Report on Marine Corps, Manila, 11;18

APPARATUS

Number.	Date.	From or To—	Subject.
232688	4/12	To M. Is	Western Elec Co - 5/1
		To NY-Assignment type numbers-5-5	To NY--4/12
		To Wash- 5-4 To Wireless Spec.	To Cutting & Washn--4/12
		To Wireless Spec. Apparatus Co-5-4	To Hartman Elec Mfg. Co--4/12
		To Western Elec Mfg. Co-5-8	To Wash--4/13
		To Manhattan Elec Supply Co-5-8	To Western Elec Inst Co--4/13
		To Cutting and Washington Inc-5-8	Copely Mfg Co-Ask proper type number for generator for field set. W 4-16
		To Wireless Spec App Co- Bu assigns type nos to parts for emergency transmitters 5-9	European Force-only one set recd-reqt 5 addtl. 4/3
		To M Is- Fwds drawings as reqtd 5-9	Western Elec Instr Co 4-17
		To Western Elec Co-5-10	Hartmann Elec Co 4-17
		To Int Radio Tel Co-5-10	Cutting & Washington 4-16
		To Int Radio Tel Co-5-11	To Wireless Spec. App Co. 4/17
		To C. A. Co-Assigns listed type numbers-5-11	Washn Yard--4/17
		To Sims re type numbers 5-13	To Marconi Co- Fwds type numbers assigned 4-23
		To Western Elec Co-5-16	To International Radio Tel Co Fwds type numbers 4-23
		To C. A. Co- Fwds drawings-5-16	To Century Tel. Cons. Co- Fwds type number 4-23
		To Radio Elect. Co- Fwds drawings-5-16	To -- No no will be assigned to 2 K.W. reactance as all 2 KW transformers in future will contain reactance in the case 4-24
		To Radio Elect. Co- Fwds drawings-5-16	Century Tel. Cons. Co 4-24
		To Radio Elect. Co- Fwds drawings-5-16	Century Tel. Cons. Co - W 4-25
		To Radio Elect. Co- Fwds drawings-5-16	To Wash-4-26
		To Radio Elect. Co- Fwds drawings-5-16	To Crocker Wheeler Co- 4-26
		To Radio Elect. Co- Fwds drawings-5-16	To E J Simon- Assigns action 4-26
		To Radio Elect. Co- Fwds drawings-5-16	To Sperry Gyroscope Co-4-26
		To Radio Elect. Co- Fwds drawings-5-16	Sperry Co--Reqd assignment of type number for short wave transmitter 4/23
		To Radio Elect. Co- Fwds drawings-5-16	Wireless Elec App Co 4-29
		To Radio Elect. Co- Fwds drawings-5-16	To J Simmons Co-4-29
		To Radio Elect. Co- Fwds drawings-5-16	To Copley Mfg Co-4-30
		To Radio Elect. Co- Fwds drawings-5-16	To Hartman Elec Mfg Co-Fwds bulletin as reqtd 4-30
		To Radio Elect. Co- Fwds drawings-5-16	To Crocker Wheeler Co-Fwds assigned type numbers 4-30
		To Radio Elect. Co- Fwds drawings-5-16	To Marconi Co-5-1
		To Radio Elect. Co- Fwds drawings-5-16	To Int Radio Tel Co-5-1
		To Radio Elect. Co- Fwds drawings-5-16	To Wireless Specialty Co- 5-1
		To Radio Elect. Co- Fwds drawings-5-16	To Crocker Wheeler Co-5-1
		To Radio Elect. Co- Fwds drawings-5-16	To Sims-Issue of type number bulletins-5-2
		To Radio Elect. Co- Fwds drawings-5-16	To Western Elec-assigns type number-5-2
		To Radio Elect. Co- Fwds drawings-5-16	To Wireless Spec Co-5-2
		To Radio Elect. Co- Fwds drawings-5-16	To Western Elec Instr Co- 5-1
		To Radio Elect. Co- Fwds drawings-5-16	To American TO M. ISL. 5:29

Number.	Date.	From or To—	Subject.	
1213	4/22	To Indus Mgr N. Y.	Lists Simon Transmitting sets as records show them distributed, leaves none available for ref. (A) info requested. W	629
1213	4/27	NY	Reports on assignment of 50 1/2 K W Simon transmitting sets to various sub-chasers and submarines etc. W	629
306610	5:11	Atl. Battle Ship Force	Copy of letter to Force to direct recontinue work on meters short wave stations until further orders. W	
306715	5:14	Insp R F R	TEL. Repts information latest authorized specification on power radio installation 4-a-1 W	
306753	5:14	Dist. Naval Com.	Censor report in letter from Clap Easton Company to master of S. S. Magdalena At Chile quote on radio apparatus. W	
32760	5/22	NY	Submits assignment of Simon 1-KW radio sets on contract.	629

APPENDIX.

Number.	Date.	From or To—	Subject.
✓ 281702	2/14	To Wireless Elec Ap Co	Fwds prelim issue of manufacturing instrns based on two hundred 1/4 KW emergency type sets. WS
✓ 281567	2/13	NY	Marconi 1/2 KW transmitter - reports difficulty experienced with the clip connectors used on the secondary c il and on the inductive coupler ✓ To Marconi Co--S submits above recommendation. 2/19
281264	2/6	GE Co	Relative to shipment of water rheostats - W
281370	2/15	To Yards	Supplying contractors with drawings for radio apparatus. Detailed instrns in connection with. W To Firms--Drawings should be supplied to contrs only by Bu. 2/21
276658		CARD 160	Western Elec Co - Reports on shipment of material. W To Wash--2/19
281362	2/15	To Sims	Issue of type number bulletin. Fwds six copies containing type numbers assigned to Navy apparatus. W To Brest--Ditto. 2/16
282639	2/15	To Marconi Co	Reqt Vandyke of sheets listed, included in instruction booklets of 2 KW and 5 KW radio transmitters. W

APPARATUS:

Number.	Date.	From or To—	Subject.
282798	2-15	Boston.	Miscellaneous radio drawings: fwds. W.
282459	2/18	To GE Co. T	Reqd add'l information drawing for Klein Fort Wayne. W
232508	see card 157		Norff--2/18.W Crocker-Wheeler Co - 2/16 - W Phila - Request additional binders and sheet showing type number bulletin. W To Norff--2/21 To Crocker-Wheeler Co--2/21 Crocker Wheeler -- 2/19 To Century Tele Constr Co--2/23 To Phila--2/23 To Phila--2/23 To Western Elec Co--2/23 To Ward Leonard Co--2/23 To Crocker Wheeler Co--2/25 To Phila--2/26 To Wash--2/26 Sanitary Company--asks if number assigned is an error.W Eastern Elec Co--Reply to letter of 13M.W To De Forest Co--3/1 To Century Tele Constr Co--3/1 To Wash--3/1 To Phila--2/2 To Yards--Fwds instrns.3/2 Philadelphia--3/1 International T Co. W 4-29 Western Elec Instr Co. 4-26 Domestic Engineering Co. 4/8. Western Elec Instr Co. 5/8 Pearl Harbor 1/25
	Wash - 4/29 W		
	Triumph Electrical Co 5/3		
	Ward Island. W 4/27		
	Coblanco Manufacturing Co. 5:14		
	Wireless Specialty Apparatus Co.		
	fwds prints showing antennae conden-		
	sers W. 5:14		
	Westinghouse E & M Co. 5:14		
	Wash - 5:17		
	E & E Company 5:10		
	Cutting & Washington 5:13 W		
	Crocker Wheeler Co - Fwds index. 5-27		
	Wireless Specialty Co. 6/6		
	To Wireless Co. The orig. assignt.		
	wave meters will not be changed. 7/17		
	To Phila--Condenser Co. Inc. Assn 1927		
	Condenser Co. Inc. confirmed. 7/17		
	Assignment 7:25		
	To Amer. T. Co. Re assignt. of type		
	7/21		
	To Comms. Div. 1st of series 7-27		
	or to Phila Bulletin. 8/2		
	West Elec Co 3:2		
	To West Elec Instr Co - Frequency		
	meters and meters recd. it Phila		
	10-15		
	Signal Corps 1:15		

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 279807	2/7 2/5	4th Naval Dist Phila Yd	P commends a small auxiliary set to supply all vessels carrying armed guard and vessels crossing the Atlantic - W
✓ 280370	2/5	Marconi Co	Request in future specifications be sent in duplicate or triplicate - W
279619	2/8	To S&A	Reqt shipt of trans sets from Bost to Port. for stock. W To S&A—Reqt shipt of receivers from Wash to Ports for stock. W2/8
✓ 280459	2/8	Kilbourne & Clark	Asks if can give any indication as to future requirements from their factory which will permit them to order material, etc - W
280618	2/9	Federal Telegraph Co	Reports change of address Washington office -W
✓ 280707	2/11	P and	Suggests Kilbourne & Clark to get additional manufacturing in order to prevent their loss of men - W To—(T) Company has been reqtd to bid. 2/13
✓ 280493	2/7	Marconi Co	1 kw panel set—fwd overall dimensions and plans. W

APPARATUS. 876

Number.	Date.	From or To—	Subject.	
279945	2/11	To S&A	Reqt shipt of tone testers from Wash to NY.	W
279946	2/11	To S&A	Reqt shipt of quenched spark gaps from NY to East for stock. W	
280565	2/11	To Cutting & Washn	Unable to arrange a pointment of commission. W To—(T) Ditto. 2/13	
✓ 280869	2-9	Kellog Switch Board & Supply Co.	Fwds booklets covering radio apparatus that they are manufacturing. W. To—C omments on. 2/13 To—Fwds blueprints. 2/21	
✓ 280718	2/13	To GE Co	Directs advise when sample loading coil for Navy 511 radio sets is ready for test. W GE—T states have no time to submit samples. 2/15. To—(T) Will test samples. 2/16	
✓ 280031	2/12	To NY	Reqt for radio motor generator drawing. W NY yard—fws prints. 2/21	
✓ 281819	2/12	Herman Elec Co	Type B automatic cutout—reports shipment to NY for test—request report of. W To—Yard has not submitted report. 2/19 Hartman Elec Co - asks status of automatic cutouts sent NY for test. W 2-6	
280697	11-23	To Crocker-Wheeler Co	No objection to your selling radio motor generator to NY military academy W	
280717	5-31	see card 183		

APPARATUS.

Number.	Date.	From or To—	Subject.
277649	1/30	To Dr. C.H. Sharp	Comments on available of Elec testing lab for Govt work in connection with War. Radio Division does development work, not testing. W
2742768	1/9	Pudget Sound	M.C Co asks what provisions have been made rel to delivery of radio sets—states do not believe they are expediting production in proportion to their facilities. W
276057	2/4	To Mignon Wireless Corp	Bu will have RW 3 receiver tests at earliest opportunity. W To Wash—Instrns re test. 2/4
278658	2/4	To S&A	Reqd shipt of audion control box etc. from Wash to Lake. W
278659	2/4	To S&A	Reqd shipt of audibility meter from Wash to Lake. W
278657	2/4	To NY	Reqd for Vandykes and prints of latest alteration of drawngs RY55F 120. W NY—fws Vandykes. 2/18. W
278836	2/2	NY	General arrangement for scouting Station fws type plans. W
278870	2/2	NY	Type plans radio room—fws prints. (Cross to Rooms, Radio)

CARD 152

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 278779	2/5	To GE Co	Acknowledges receipt of simultaneous sending and receiving systems loaned to company. W To Marconi Co—2/5
✓ 279069	2/5	To Wireless Improve Co	Directs when representative of any firm having contr with Bu visit Wash to talk about contrs. have man capable of talking about the technical points come. W
279768	2/4	Porte	Radio transmitters and receivers—request copy of latest revision of plans. W To—2/5
✓ 279743	2/5	Marconi Co	Fwds copy of circular rel to branch of the M-C Mfg Co. being established, etc. W To—2/9
✓ 279742	2/6	Marconi Co	Fwds statement showing status of Government contract.
279538	2/7	To Wash	Photostat of rejector circuit used by English.
To Wash—Fwds copy of report. 3/27			Fwds for examination. W
To Wash. Auth. mem. of 35 add. break keys & 25 read. cir. mts. 8/5			To—Comments on. 2/18
To C. G. 102.			To Wash—Appvs recommendations with comment. 3/27
279614	2/7	To Atl File	Development of radio set for communication between vessels when in close proximity. Lowenstein apparatus. Ask if wish installed on two ships. W
To F. Lowenstein—Directs install sets on MINN AND PENNA on 4 hurseday 2/16			All fit—(3) record ends a paratus be tested on the MINN AND PENNA AND PEN. SILVANIA 2/14—W
Atl File—2/15			To—(T) Lowenstein radio set will arrive fleet base Feb 21st. 2/15

APPARATUS.

Number.	Date.	From or To—	Subject.
276368	1-14	M Is Natl	Fwds report of test of 1/3 kw - 500 final motorboat radio sets manufactured by the Elec Sig Co. W
276363	1-19	EX. K-C Co	Fwds copy of instructions book for one kw commercial radio set. W To - Rest film negatives etc. 2/4 ~~Copy instructions 2/19~~ K&C Co-fwds film negatives. 2/15
276117	1-22	Norff	Complains of unnecessary work, etc, in accounting by receipt at yard of incomplete radio sets: request that yards be instructed to make no partial shipments unless instructed. W Fwd S&A. 1/28 S&A-copy of instrns to Supply Officers directing no partial shipment of radio sets. W
276315	1-22	M. Is. --- Regt further report as to Hon J I Nolan of set to	whether company can supply apparatus. 4/19 Fwds letter from the Haller-Cunningham Elec Co. relative to furnishing wireless apparatus. W To M. Is. --- Directs inspect sets and submit report. 1/31
276306	1-23	NY	Fwds booklet of instructions covering 20 20 kw sets, Fed Tel Co. W
276152	1/25	To Fed Co	Lists units and reqts sets on cost and time of delivery of. W Fed Tel Co - W - 1-29 Fed Tel Co 2-6
276269	1/25	To Wash	Regt for Vandykes and prints of drawings as listed. W Wash 2-4

See Card 176

APPARATUS.

Number	Date	From or To	Subject
276430	1-23	Cutting & Washington	Fwds list of parts which comprise their C P 104 Navy 1/2 kw radio apparatus. W
262930		CARD 150	Copely Mfg Co - W - 1-25
276809	1-25	NY	Type plan of battle radio room; fwds vandykes. W
277055	1/28	To 3rd Dist Supt T	Reqt Manhattan E.S. Co be auth to supply Amer Gas and Elec Co one rotary gap condensers telegraphi keys, etc. W
277348	1-28	Fed Co	fwds list of stock spares for Federal arc ship sets, 15, 20 and 30 kw. W
277223	1/30	To De Forest Co	Reqt film negative of all photos be furnished with photostats of prints of low power motor boat set. W
277225	1/30	To Marconi Co	Fwds confidential pamphlet, for what is known as the type 31 radio set. Directs develop set for Atl Flt. British developed it for Grand Fleet. W Marconi Co - 5/7 - Marconi Co 6:22
277440	1/30	To Best T	To Marconi. Reqts. radio set be shipped to Wash. 6/25 Wash. Sub. rep of test of interfleet tube trans 1:15 Ask if any 1/2 KW Cutting & Wash radio trans sets remodeled gears been delivered. W Best - (T) - none delivered - 1/31 - W

1900

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 274977	1/22	To Western Elec Co	Have rected shipt of arc converter to company from Wash. Directs purchase similar material from Fed Co. W
20 KW arc converter. 2/11			To EEA—Rect shipt of arc converter from Wash to Western Elec Co. 1/22
			Co 2-5
✓ 275279	1/22	To L. S. Brach Sup Co	To Wash—Rect fwd Fed Co list of parts for Refers to radio companies who are supplying Bu with radio apparatus, for information re sub-contracts. W
275344	1/22	To NY	Bath Beach—Receiving set field type assigned to. Auth issue of, W NY - W. 2-21
275449	1/22	To 5th Dist	Fwds card forms NSE 269. W
✓ 275606	1/22	To Mignon Wireless Corp	Standard receiving apparatus at present time being purchased from companies who have been supplying Bu with apparatus for some time. W Mignon Wire Corp-2/1
✓ 275671	1/22	To Firms	Fwds radio specs.
Elec Testing Laboratories -			To Natl Elec Sup Co--1/25
willing to test any apparatus			To Marconi Co--1/25
submitted - 2/20 - W			To E Co--Fwds copy of specs for switchboard instruments with detailed comments n. 2/5
To Firms--Fwds drawings. 3/2			To Elec Testing Lab--Fwds copies of specs. 2/15
To Crocker Wheeler Co--3/13			To Roller Smith Co--2/18
To GE Co--Req action will take. 4/1			Roller Smith Co - Certain drawings missing. W 2-28
GE Co--4/8			

APPARATUS. 876

Number	Date	From or To	Subject
275773	1/23	To Post	Copy of RB 3A 126A to be fuded to GE Co. Direct. Fed. W Boston--2/2
275582	1-21	Fed Tel Co	States 30 kw arc set converters supplied under contract 15 can be used with apparatus being supplied under contract 120.W To Wash--Reqd confirm feasibility of substitution of arc converter. 1/30
275924	1-12	M Is	Wash 2-2 Fwds booklet giving description and operating instructions for 2 kw sets on original radio order #4.W
275919	1-22	S&A copy	VOID Directs load Gulf Refining Co; cancels assignment to Standard and Tidewater Co.F
275922	1-12	M Is	Complains of excessive cost of repair parts furnished by Fed Tel Co.W To--2/1
275915	1-19	General Radio Co	Small vibratory sets; gives current capacities, wave lengths, etc.W To--Instrns re construction of set.1/31 To Gen Radio Co--3/6 Gen Radio Co--3-22 - Request copy.W To --Reqd further information.3/27
276061	1/24	To NY	Specs for spark transmitters. Directs Fed comments and recommendations re revision of. W

APPARATUS.

Number.	Date.	From or To—	Subj. cont.
232688	SME CARD 152		
	To GE Co.—1/29		To Wireless Improve Co.—1/17
	Roller Smith Co 1-29		To E. J. Simon—1/17
	To E. J. Simon—1/30		To Wash.—1/17
	To GE Co.—1/30		To Wireless Spec Ap Co.—1/17
	To Roller Smith Co.—1/30		To Roller Smith Co.—1/17
	To Splitdorf Elec Co.—1/30		To Wash.—1/17
	Roller Smith Co 1-29		To Western Elec Co.—1/18
	To Cincinnati—1/31--RR--2/4		To GE Co.—1/18
	Roller Smith Co 1-30		National Elec Sup Co 1-18
	To Yards & Firms—2/2		To Domestic Mfg Co.—1/19
	To Cutting & Washn. 2/2		To Nat'l Elec Sup Co. 1/19
	To Roller Smith Co.—2/5		To Amer T&T Co.—1/21
	To Western Elec Co.—2/5		To Phila.—1/21
	To Roller Smith Co. 2/5		To Inter'l Signal Co.—1/21
	Splitdorf Elec Co 2-4		To Wash.—1/21
	Crocker, Wheeler Co request addition		To De Forest Co.—1/23
	al copy of type number book 4-5		To Weston Elec Int Co. 1/23
	To Roller Smith Co.—2/6		To Splitdorf Elec Co.—1/23
	To Western Elec Co.—2/6		To Marconi Co.—1/23
	Phila 2-6		To Crocker Wheeler Co.—1/23
	Phila 2-7		Splitdorf Co fws booklet 1-18
	Crocker Wheeler Co 2-8		Marconi Co relative to assigning new type
	Cutting & Washington 2-7		number for remodelled transformer 1-18
	To Lt. Washn.—2/8		To Inter'l Sig Co.—1/24
	To Yards & Firms—2/8		To Splitdorf Elec Co.—1/24
	Chloride Silver Dry Cell Battery		To Firms—1/22
	Co. 2-9 changes voltage of cell shown		To De Forest Co.—1/25
	on certain plans. W.		To Wireless Improve Co.—1/25
	To Lt. Bastedo—2/9		To Wash.—1/25
	To M. Is.—2/11		To Nat'l Elec Sup Co.—1/25
	To Phila.—2/13		To Roller Smith Co.—1/25
	To Western Elec Co.—2/13		Roller, Smith Co 1-23
	To Crocker Wheeler Co. 2/13		~~23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100~~
	To Phila.—2/13		E. J. Simon 1-24
	Electros Co 2/9		Splitdorf Elec Co 1-24
	To Chloride of Silver Co. 2/14		Splitdorf Elec Co - W - 1-25
	To Weston Elec Inst Co. 2/14		GE Co 1-25
	To Phila.—2/16		Triumph Elec Co 1-26
	To Inter'l Sig Co.—2/16		Weston Elec Instr Co 1-26
	To Wash.—2/16		Wd S&A—1/29
			To Western Elec Co.—1/29
			To E. J. Simon—1/29

APPARATUS. 876

Number.	Date.	From or To—	Subject.
274021	1/17	To Marconi Co	Inexpensive form of low power transmitter for use on merchant vessels of smaller size. Detailed comments re making. W Marconi Co--1/30.W
274028	1/17	To SEA	Reqt shipt of trans sets from N.Is. to NY, W to NY States th t 5 rad. transmitting sets shipped to NY. 7/25
274731	1/17	NY	Recommends that after test arc converters all water be turned off before shipment comes up in connection with breaking of one assigned to MAUMEE. To Wash--Directs drain water jackets before shipments. 1-22 To Yards--Ditto. 1/23
274632	1-16	Norf	Standard radio installation, plans for collars and auxiliaries. fwsd prints. W Norf--3/22 Norf-Request action. W 4-23
275404	1-18	NE. Y. A.	1/2 KW N. t'l Elec Signaling Co/ motor boat sets. fwsd booklet of instructions. W
275595	1-21	C & R	Fuel slips relative to installation of high power radio sets/ W To--Detailed recommendations. 1/24
274773	1/19	To Inter'l Elec Sig Co	fwsd Vandykes as listed. W
275219	1-18	NY	Booklet of instructions for Navy 2 kw radio set; fwsd. W

APPARATUS.

Number.	Date.	From or To—	Subject.
272524	1/10	To NY	Tracings for 5 KW Wave changer and loading coil. Bu will make reqts of yards from time to time for tracings to supply manufacturers to expedite manufacture. Lists tracings which are reqtd. W
272971	1/11	To Wireless Spec Ap Co	Fwds copy of radio stock material. W
273136	1-9	Gutting & Washington	Gives recommended spare parts for 10 radio sets being manufactured. W
273156	1-7	Marconi Co	Will incorporate change in 1/2 kw panel set, type 5N 296B, as suggested by Bu. W To—1/17
273631	1-12	Atl Sub Force	Gives list of radio publications requested. W
		Atl Sub Force - 2/14 - W	To—1/24 Fwd Navy - 1/24 To—Ask number of reqn. 2/11
272817	1/12	To Bost	Standard finishes. Reqtd list of be fwded to Bu. W To Liberty Elec Corp—Fwds copy of standard finishes. 1/18
272973	1/12	To Dist Com Supt Phila	Fwds a supply of form 269. W

876: APPARATUS.

Number.	Date.	From or To—	Subject.
274175	1/14	Natl Research Council	Submits report on investigation of the Norton process recommends one thousand dollars be allotted for further developments.C
273950	1/16	To Phila	Instrns regarding radio material shipt from Phila. Lists, in order to avoid delay. W
273952	1/16	To Chasn	Semi-monthly radio report for Jan 1st, 1918. Instrns re correcting number of. W
274402	1/16	To Firms Yards	Fwds specns RE 13A 3A.
274172	1/12	N Lond Subm Base	Recommends that semi monthly radio reports be mailed to Force Radio Officer instead of the Base unless separate copy can be mailed to each.W To—1/24
274470	12-26	Federal Co	5 w ship set; reports on transmitting range with crystal detector and ultra audion receiver. etc.W
274550	1-16	Fed Tel Co	Reports establishment of office in Wash; request all communications be forwarded in duplicate to this office.W
274615	1/16	Federal Telegraph Co	Certificates covering officers authorized to execute contracts.W

APPARATUS:

Number.	Date.	From or To-	Subject.
384412	1:9	C B S wartwood	Asks to whom bill should be sent cov pay wireless apparatus engine from Mignon Wireless Corp now cont by Dr Moore. W To Elmira NY. He does not desire to retain receiver. Will ship fwd to Dr Moore immediately. Hope arrangement will be satisfactory.
384657	1:11	S&A	Fwds correspondence in con with status of American RR Corp. W Fwd S&A 1-23
383135	1-11	To Rochefort	Fwds sheets of type No book
	Second Dist-1:15		To Base 23 ditto 1-11
	Atlantic Fleet-1:17		To Cardiff Wales ditto 1-11
	Sixth Dist-1:15		To Brest France ditto 1-11
	To-Pacific Fleet-fwds radio sheets. 1:17 W		To C-in-C ditto 1-11
	8th Dist-fwds addition sheets of type number book. 1:16		To C-in-C Pacific Fleet ditto 1-11
	To Sims. fws sheets 313-370 1/20		To Y&S and Dists- ditto 1-11
	To NL: ditto 1/20		To Inspr Brook ditto 1-11
	13th Dist - 1:18		To Ch Signal Officer Army-ditto 1-11
	Atlantic Cruiser- Acknles receipt of sheets of type book.		To St. Nazaire ditto 1-11
	1:21 Great Lakes - 1:20		To Gibraltar ditto 1-11
	Atl Battle Ship Force- 1:24		To Bordeaux ditto 1-11
	Fg Sd- 1:21		To Lorient ditto 1-11
	Battle Ship Force 2 - 1:26		To CBF 2 Atl Fleet ditto 1-11
	1:23		To CBF 2 Atl Fleet ditto 1-11
	European Force - 1:29		To Cruiser and Transport Force Atl Fleet ditto 1-11
	Insp Brast - 2:11		To Newport ditto 1-11
385160	1:11		5th Dist 1:14 Charleston 1:14 Req copy of cont of radio apparatus be shipped to Second Dist. W To 2nd Naval Dist- asks re matrl on hand re disposition of 2-6

AIRARATUS

Number.	Date.	From or To—	Subject.	
384120	1-13	To Pg Sd	Asks that they fwd drawings as listed Pg Sd-Fwds prints listed. 1:22	W
385437	1:13	Insp'r Mass	States all contracts placed with Genl Radio Co completed. W	
385229	1-16	To Lowenstein Radio Co	Assigns type Nos to transmitters on contract 439-5 To— confirms phone conversation re assign transmitters bldg contract 439-5- 2-6	W
385344	1:17	To Naval Operation via Atl Fleet	Radio stations and com for capital ships, agreement of. Received back 1:27 approved. Fwd. C. in Chief Atlantic Fleet 2/4 To U.S. Fleet 3-18 Returns papers.	W
385870	1:17	To Inst Radio Engrs	Regarding the publication of Mr. Fuller on "Proceedings of the Inst"	

APPARATUS.

1917

Number.	Date.	From or To -	Subject.
270498	12-29	Communications	British Commander in Charge at Bermuda; quotes report from altering serial from T to a converted L type; request instructions relative to repairing; states understands no changes in construction can be made without instructions from the Bureau. (875) To Lt. Craven--1/4
270924	1/4	To Dept Operations 2-5	Radio sets for cruisers engaged in convoying transports. Regt information re install desired. RH 1-10 Fwd C&R--1/18 RB 1/28 To Dept--Ask what yard sets should be shipped. Fwd C&R--2/5 RB - 2-11
271302	1/4	To French Attache, Washn.	Submits list of sets NY will assemble. Regt further information re certain items of list requested. To--1/16 To--Regt further information re designation of parts. A.H.T. Banzhaf--fwd's copies of application for ~~patent~~ patent on rotary spark gap. To R.C. Richter--Comments on manufacturing model. 1/10
263668		see card 150 R. C. Richter 1/10 & 2/5 - W	
271750	12/24	M is	20 kw arc apparatus--fwd's report of test and inspection of--purchased on contract No.15.W
270543	1/5	To NY To NY--Directs assemble and ship material. 2/27 SEE CARD 190. New York post disposition 6/7	Ship abroad of parts for 50 1/2 kw sets used on submarine chasers. Directs assemble W To--lists add'l equipment for. NY--W. 2-20.
271413	1/5	To Serry Co	Fwd. copy of specs RE 13A 217A. W

APPARATUS. 876

Number.	Date.	From or To—	Subject.
271576	1/5	To Pug Sd T	Directs investigate probable date delivery K&C 1 and 2 KW radio sets. W Pug Sd (T) reports on number of radio sets received from K&C 1-7
271490	1-4	Fed Tel Co	Arc converter. 5 kw; fwsplans.W To—1/21
271996	12-31	Fed Tel Co	Fwsd copy of letter to Union, relative to procedure in inspection of radio apparatus.W
272484	1/8	Marconi Co To—Reqn 1612 prepared to cover equipment. 3/21	States are making every effort to furnish NY Yd with 10 inch auxiliary sets.W Marconi Co. reports delivery of 15 complete sets, and notes price. W 3-8 To NY—instrns re test. 3/12 Marconi Co. reports action on letter of 3/12
272303	1/9	To Firms Motor Compressor Co. Reports on shipments for week of 3-18—3-23. DA	Reqt submit weekly reports on material shipment. DA Motor Compressor Co. report of shipment Feb. 18 to 23d. 2/25 Motor Compressor Co 6:29
272885	1/10	Federal Telegraph Co	Motor Compressor Co. report of shipment 5 kw set under test at Washn fwsd prints and gives list of what set consists of.W
273003	1/10	NY Washn Outlines conditions necessary for operation of system.W 2-19	Arc transmitters—reqt information regarding absorption circuit operation.W Fwd Washn—1/21
273315	1/9	Atl Flt	Fwsd suggestions for short range set.W To—Comments on. 1/18
272195	1/9	To Marconi Co	Ask cost of a timed spare set compared to a high frequency alternator. W Marconi Co - W - LXX 1-25

APPARATUS.

Number.	Date.	From or To—	Subject.
270189	12-1	Marconi Co	4 half kw cargo sets; reports delivery to Paila; request payment. W
269188	12/24	Fwd Wash	Specns for gas engine driven oscillation radio transmitter and receiver. Reqt specns covering W Wash 1-9
269189	12/24 NY--3/5.W	To NY	Booklets of radio transmitters issued by contrs. Lists and repts be fwded to Bu. W NY fws books on radio transmitters as issued by contractors. W 1-10 To NY—Reqt fwd booklets. 2/26
269190	12/24	To Harvard Radio School	Fwd radio specns as listed. W Harvard Radio School-2/19
269254	12/24	To NY	Vandykes of battle radio plans reqt. Lists. W NY 1-7
269401	12/27	To Wash	Reqn for amplifiers. Gives type desired. W To Weston Elec Inst Co—Directs develop composite front and back connected instrument for radio frequency ameters. 12/27 Weston Co 1-2
269403	12/27	To Wash	Revision of specns for crystal detector, head telephones, audion control boxes and wavemeters. Reqt recommendations. W To Wash 12/27 To Wash—Revision of specns for audion bulbs. 1 12/27

APPARATUS. 876

Number.	Date.	From or To—	Subject.
269547	12/29	To Dept	Apportionment to various contractors of specific problems. Submits schedule of development problems submitted to companies.W RE 1-7 To Dept—2/3
269901	12/29	To International Sig Co	Returns report of Interfleet set. W
270505	12/31	Federal Telegraph Co	States iron workers, patternmakers, etc in San Fran have struck for 10 per cent increase in wages--will interrupt various contracts for high powered radio stations.W
		Fed Tel Co 1-7	To—Ask if Bu can render any assistance.1/4 To Dept—Informs of strike.1/4
270648	12/18	Phila	Request information on Cutting and Washington type of radio transmitters.W
		Cutting & Washington—Fwds booklet giving operating instrns.W 3-30	To Phila—1/3 To Cutting & Washn—Fwd descriptive booklets to Phila.1/3
270482	12-27	Marconi Co	5 and 2 kw sets on various contracts; fwds vandykes covering condenser racks and queched gaps; request type numbers be assigned to.W To—Assigns type numbers.1/4
270640	none	Officer in Charge Bureau Radio Division	Gives manner in which radio apparatus has been manufactured in the past; recommends establishment in Washington of a radio manufacturing yard capable of manufacturing all types of radio apparatus, also a fully equipped research laboratory.W

Number.	Date.	From or To—	Subject.
✓ 266708	11/24	NY Yd	Copy of correspondence with E.J. Simon directing no further visits be made to radio laboratory at yard without written instructions from Navy Yard. W
✓ 266841	12-11	Panama Canal	2 radio sets; contractors state if furnished strictly according to specifications would have to furnish material never incorporated in radio sets of their design; request instructions. W Panama Canal 12-17 To—Will give further advice if will fwd copy of contr. 12/14 To Panama Canal—Rec purchase sets as outlined in bid of Simon. 12/31
✓ 266862	12-10	NY	Fwds weights for 5 kw Navy type transmitters. W
✓ 266960	11-27 12-11	Snow's Ltd NY	Lists apparatus which they have for sale. W Fwd 3rd Dist—12/14
✓ 267243	12-13	F. Lowenstein	Directo nameplate, fwds samples; request approval. W To NY—Instrns re accept of name plates. 12/20 To—Detailed comments on. 12/21
✓ 267771	12-8	✓ ~~NY~~	Gives assignment of 2 kw K&C radio sets to merchant ships. W
267766	12:4	Norfolk	Fwd 1 voice card.

APPARATUS. 876

Number.	Date.	From or To--	Subject.
✓ 267907	12-14	Marconi Co	Assembly 1 kw panel type radio transmitters; comments on manner in which condensers are mounted. W To--Gives action on. 12/22
✓ 268249	12/18	Equitable Trust Co	E. J. Simon request recommendations rel to advancing money. W To--12/20
✓ 268275	12-19	Wireless Spec Co	Request corrected vandykes of 5 kw sets. W To--Fwds Vandykes. 12/21
268607	12-19	Bost	Fwds 4 vandykes of RB26F118A. W To--12/31 Boston 12/1. W
153166	From--	CARD 58(SEE 229)	W is Kilbourne & Clark receiver; fwds report on test and inspection of 12-13-24
To--Fwds.	To Yds-Dists-Air Sta-1 sets-		W is 1-5 TO yrd. Fleets etc.-Semi mo report 4:30
copy of	Fwds semi monthly radio reports		To Commandants: 1ers, Supts, Commanders, etc.
	copy of report 2/20		Fwds copy semi-monthly radio report. 12-9
	1-21		Request Government exercise labor control and direct payment bonus for employees in order to prevent strike - W
	To Yds-Dists-Air Sta-Fleet-		To Shipping Board - offers above for action. 12/27
	Fwds semi-monthly radio reports		Kilbourne & Clark Co (T) strike called Jan 3rd; request action taken 12-31
✓ 269660	12/26	Kilbourne & Clark Co T	To--(T) 1/3 Co submits detailed report 12-26
To Dept--Re	10% bonus to be paid		Marconi Co will call on the 27th 12-24
by Govt. 1/4			International Signalling Co 12-24
K&C Co. (T)	request action regarding		
labor troubles	1-10		
269488			

APPARATUS.

1917

Number.	Date.	From or To—	Subject.
264420	12/3	To S&A	Reqt shipt of wave meters from Wash to Norf. W
264757	12/3	To S&A Marines at Galveston 12-29 To S&A—Reqt shipt of gasoline engine muffler from NY to Marine Corps at Ft. Crockett. 3/29	Reqt shipt of gas engine driven radio set from NY to Ft. Crockett. W To—Ditto for apparatus from Wash. 12/3 To Ft. Crockett—Instrns re apparatus. 12/6 To Ft. Crockett—Directs advise Bu when receive radio set. 12/19 Marine Corps 8:33 Specifications RE13411D do not specify right reading vandykes of instructions; recommends. W
265458	12-5	NY	
265410	12/6	To Wireless Spec Ap Co	Lists Vandykes delivered to company represent- ative for use in manuf of receiving apparatus. W
265767	none	Natl Elec Sig Co	Reports closing of receiver ship will continue business under name of Inter- national Signal Co.
266235	12-7	NY	To Best—Ask action taken. 4 Crocker-Wheeler Co 2/18 - W 1917 order for Navy transmitters; asks when racks are to be used; also if spare gaps are to be part of wave changer assembly; also information relative to spark gap. W
266428	12-10	Frederick Pierce Co	To—Gives information reqtd. 12/18 To NY—12/19 To NY—Submits data as listed. 2/1 NY 25 Fwds copy of letter written to E. J. Simon stating will discontinue work on his contracts Dec 12th, unless copies of contracts are re- ceived from him. W
265832	2/27	To Copely Co	Copely Manuf Co. Have a 1 1/2 KW generating set ready to ship to NY on Marconi contract. W 2-25 Charleston 8:6 6:24
4-3351	2/26	To Copely Mfg. Co	Reqt est for sup- Chasn 1-28 plying new engine for radi set damages. 2/25 Copely mfg co—withdraws increase in price acct of gen. 2/26 To — gasoline tank shipped from Chasn 6/28.

22876: APPARATUS.

Number.	Date.	From or To—	Subject.
266603	12/11	Phila	Request plans and description of 1 kw 500 cycle radio set searchlight battery. To Bu has no drawing. 12/31
266688		SEE CARD 148	To Gutter ESM Co. 12/8
		To Roller Smith Co. 12/31	To Marconi Co. 12/8
		To Phila. 12/31	Natl Elec Sig Co 12-11
		Internatl Sig Co-fwds Vandykes. 12/31	Marconi Co 12-11
		Sperry Co-fwds Vandykes, instrns. etc. 1/2	To Wash. 12/11
		Weston Co 12-31	To E.J. Simon 12/14
		International Signal Co 12-31	To Wireless Improve Co. 12/15
		Wireless Spec App Co 1-3	Roller, Smith Co fwds film negative etat covering meter 12-18
		Fed Tel Co 12-31	To Western Elec Co. 12/17
		GE Co 1-2	To Phila. 12/17
		Domestic Engineering Co 1-2	To Marconi Co. 12/17
		To E.J. Simon 1/4	To Marconi Co. 12/17
		To Sperry Co. 1/4	To Roller Smith Co. 12/17
		To Electrode Mfg Co. 1/4	To Weston Elec Inst Co. 12/17
		Electrode Mfg Co 1-7/4	Crocker, Wheeler Co 12-18
		To S&A 1/5 RE - 1-25	To E. J. Simon 12/18
		To Weston Elec Inst Co. 1/5	Phila 12-20
		To Domestic Eng Co. 1/7	To Marconi Co. 12/19
		To Fed Co. 1/5	To E.J. Simon 12/22
		Marconi Co 1/5	To GE Co. 12/22
		Splitdorf Elec Co 1-8	To Roller Smith Co. 12/22
		To GE Co. 1/8	Crocker, Wheeler Co 12-26
		To Wash. 1/8	To Roller Smith Co. 12/26
		Sperry Co 1-9	To Dubilier Condenser Co. 12/26
		Wash 1-9	To Weston Elec Inst Co. 12/26
		To Phila. 1/10	To Fed Co. 1/26
		To Crocker Wheeler Co. 1/10	To Valley Electro & Mtg Corp. 12/26
		To International Sig Co. 1/10	To Weston Elec Inst. Co. 1/27
		To Marconi Co. 1/11	To Fed Co. 12/28
		To Sperry Co. 1/12	To International Signal Co. 12/28
		To Marconi Co. 1/12	To Wireless Spec App Co. 12/28
		To International Sig Co. 1/12	To Crocker Wheeler Co. 12/28
		To Splitdorf Elec Co. 1/15	To Wash. 12/28
		Roller, Smith Co 1-14	To De Forest Co. 12/22
		Domestic Engineering Co 1-11	To Crocker Wheeler Co. 12/29
			To Domestic Eng Co. 12/29
			To Splitdorf Elec Co. 12/29
			To Electrode Insulator Co. 12/29

CARD 167

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 263959	11-28	<u>Public National Bank</u>	E. J. Simon desires to borrow money from them; request recommendations and procedure to be followed. W To—No risk in loaning. 12/3
263525	11/27	To Stations	Fwds copies of Radio equipment report, to be submitted quarterly. W
263584	11/28	To Nat'l Elec Sig Co	Directs have representative attend conference Nov 30th. at Copely Co. re adopting final type of gas engine unit. W To Copely Co.—(T) Re conference. 11/28
✓ 263704	11/28	To <u>Marconi Co</u>	Fwds Vandykes for assistance in preparation of plans for 350 1 KW panel type radio sets being manufd on reqn 750. W
✓ 263801	11/28	To <u>Darien</u>	Ask if there is spare radio equipment in the Canal Zone suitable for uses afloat. W salboa 1-31
263812	11/28	To Bost	Inspection of 2 KW sets for Pacific Coast. Wireless Spec Ap Co. Directs make inspection at Bost before shipt. W
✓ 263838	11/28	To <u>Wireless Spec Ap Co.</u>	T Desire delay test special receiver until December 10th. Directs inform Prof Pickard. W

876 : APPARATUS.

Number.	Date.	From or To—	Subject.
264491	11/28	Chasn VOID see below	panel 1/2 kw/sets-request
264575	11/30	Natl Elec Sig Co	Request information as to spares desired to be supplied on Reqn 646 also type of speedometer.W
263815	11/30 To Wash 3/12	To Wash	Design of chopper for arc transmitter. Instrns in connection with test. Directs expedite manuf of wash 1-14
264491	11/28	Chasn	1/2 kw Simons panel sets-request ??? covering.W Fwd NY 12/4 RE 1-5
2648 01	12-3	Kilbourne & Clark Co T	Asks if may expect new orders for radio equipment in the near future; states delays have been due to shortage of manufacturing parts purchased elsewhere .W
264193	12/1	To Wireless Spec Ap Co	2 KW sets to be shipt to c ast. Directs inspection at East Yd before shipt. W CG 12-5

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 262748	11/22	De Forest Co	5 kw oscillion transmitters. states are developing. W
To—	12/29		To—Best statement of changes contemplated. 11/27
✓ 262443	11/23	To Gen Radio Co	DeForest Co-11/30.W Reqn for 20 inter-fleet radio sets prepared. Fwds blueprints, and directs provide suitable hand sending key. W
262909	11/22	Wireless Specialty Co	Various contracts - appeals against liquidated damages.W
		Wireless Specialty Apparatus Co	To—Will settle damages after final payment
		repts remission of damages listed	has been made. 11/30
262964	11/23	NY	Fwds photographs showing 20 kw motor gen action cut out switch and buzzer.W
262958	11/22	NY	Request definite information rel to Bureau's plans in connection with numbering contractors vandykes.W
		NY—Recommends use of black and white line prints be discontinued.W (Cross to Drawings-624)	To—Submits information for comment. 1/2
		NY—submits reco. 4/9	To NY—3/20
262930	11/17	F. Lowenstein 1-29	Short range static transmitter receiving set—
To Wireless Improve Co—	12/27		Fwds description of the proposed.W
To F. Lowenstein—Ask what are considered his rights. 12/27			To—11/27
F. Lowenstein 1-4			Wireless Improvement Co gives history of work in connection with transmitter; states will undertake today work themselves 12-8
To F. Lowenstein—Directs proceed with development of static transmitter. 1/19			tan emergency transmitters: recommends that all radio material be delivered to yard for inspection in lieu of yard sending inspr to manufacturer's works. W
1233	11-22	N Y	Ask if Bu supplies gaps, can deliver complete sets at once.W
263050	11/24	To K&C Co T	Kilbourne & Clark (T) states have 150 sets well under way 11/24

CARD 160

629

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 263384	11/26	Kilbourne & Clark Co T	States if receive motor generators, trans- formers and circuit breakers, etc. long past due. within 10 days can deliver sets by Jan 10. W
✓ 263668	11/26	To—Reqt full details of F. P. Weiss To Nav Intell. Directs investigate intentions. 11/30 Weiss 12-14	gap. 1/2 Request permission to manufacture radio apparatus. W Weiss 12-3 To—Reqt further information. 11/30 see card 155
✓ 263685	11/26	Amer RAR Coppa	2-kw sets—states bid is low and request award to them. W
✓ 263647	11/26	Charles R. Tate	Marine radio set adaptable for express cruiser; request prints of mast and an- tenna. W To—11/30
✓ 263763	11/27	NY	2 kw transmitters, type SE, primary circuit connection; fws vandykes. W
✓ 263786	11/27	Sperry Co	Fws curves showing performance of Edison battery T-2. W
✓ 263932	11-29	Kilbourne & Clark T	Protests against Bureau's stating not making satisfactory progress; states due to nonreceipt of material from contrac- tors selected by Bureau to make deliveries; reports in detail relative to material received; states factory will be closed down in 30 days unless Bureau gives them additional business. W Co 12-4 Co 12-11 To—12/19

1917

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 261262	11/17	To K&C Co	Reqn for spare parts for sets on contr will shortly be issued. Reqt ests on parts as listed. W Co 11-23
✓ 261263	11/17 To 12/20	To Wireless Improve Co	Ditto. W Co 12-8. Co quotes 12-17 To ask if price not in error. 12/14 Wireless Improve sent Co 12-34
✓ 261264	11/17 Cutting & Washn To 2/16	To Cutting & Washington & Washn-W - 2-11	Ditto. W To Reqt submit est. 1/3 To Reqt ests on spares as listed. 1/31
✓ 261261	11/20 To 1/21	To Nat'l Elec Sig Co	Ditto. W Co 11-27 To Reqt quotation on spare parts. 12/7 International Signalling Co 12-10
✓ 261533	11/20 To Reqs being prepared. 12/19 Marconi Co 1-17 To S&A Reqt place order for ammeters as soon as possible. 1-21 RR 1-26	To Marconi Co	Ditto. W Co 11/24 Marconi Co--Quotes price in detail for various contracts 12/11. W To Re formal orders covering reqns. 1/29
✓ 261955	11/20	To Bu Standards	Test of new type of receiver, submitted by Dr Cohen. Reqt report of. W
✓ 261996	11/20	To S&A	Minimum amount of stock to be carried at fitting out yards for every ten ships equipped with Marconi Radio Sets. Lists.
✓ 262132	11/19	Cutting & Washington	States requisition covering 20 commercial sets not yet received. W To S&A. Directs expedite contr. 11/23 SEA 11/24
✓ 262835	11/12	Phila	Request stock of radio transmitters and receivers for issue to Emergency Fleet boats, Chasers, Scout Patrols, etc - W

APPARATUS. 876

Number.	Date.	From or To—	Subject.
262331	11/20	Bost	Instructions for installing and operating standard signalling and distant control apparatus for duplex working of US Naval radio shore stations; fwds.W
262345	11/19	Norf	Fwds vandykes.W
262384	11/21	F Lowenstein VOID	Pumps for 50 foot steamers request award be expedited.Y
262384	11/21	F Lowenstein	Calls attention to certain omissions and errors in radio drawings.W
261534	11/21	To Wireless Spec Ap Co	Reqn for spare parts for sets on contrs as listed.
Co 2-7		Re errors made in quotation. 1/29	Lists parts and reqt early ests on. W
To 1/13			To Reqt submit. est. 1/3
To 1/28			Wireless Spec Ap Co - quote prices.W 1-23
262515	11/22	Wireless Spec Co-3/4.W Kilbourne & Clark T	Wireless Specialty Co - 1/25 - W
			Requisition 722 NY. for 2 kw radio transmitters; as s if to receive contract for any portion of W
262495	11/22	To Sperry Co	Destroyer emergency radio trans sets of specs as listed. Askwill manuf. W Co 11-27

APPARATUS.

Number.	Date.	From or To--	Subject.
232688	11/12	To Amer R&R Corp	W <i>aid 113</i> To Crocker Wheeler Co. 11/12
	11/12	NY	Fwds blueprints of quenched spark gaps W To Nat'l Elec Sig Co. 11/14
	11/14	Crocker, Wheeler Co	To Firms--Assigns type numbers. 11/14 To Sperry Co. 11/14 To Roller Smith Co. 11/16
		F. Lowenstein-fwds prints. 11/26.	To Weston Elec Inst Co. 11/17
		Roller Smith Co 11-28	Weston Co 11/19
		M is 11-21	To Manhattan Elec Sup Co. 11/17 To Dubilier Condenser Co. 11/17 Natl Elec Signalling Co 11/19
		To Cutler Hammer Co. 11/27	Federal Telegraph Co-fwds prints. W-11/15.
		To Crocker Wheeler Co. 11/27	Federal Telegraph Co. 11/19. W
		To Crocker Wheeler Co. 11/27	To E. J. Simon. 11/20
		To Wireless Improve Co. 11/27	Marconi Co. 11/19. W
		To E. J. Simon. 11/27	Federal Telegraph Co 11/14
		Weston Elec Instr Co 11-28	Roller Smith Co. 11/20. DA
		Roller Smith Co 11-30	National Elec Signal Co. 11/20
		Marconi Co 11-26	Weston Elec Instruments Co. 11/16
		E. J. Simon 11-30	Crocker, Wheeler Co 11/21
		To Weston Elec Inst Co. 11/28	To Weston Elec Inst Co. 11/21
		To NY--Assigns type numbers. 11/28	To F. Lowenstein. 11/21
		To Westinghouse E&M Co. 11/28	Marconi Co 11/20
		To Wash. 11/28	Amer Transformer Co fwds vandyka 11/21
		To Wireless Spec Ap Co. 11/28	Emil J. Simon 11/22
		To Fed Co. 11/28	To Wash. 11/22
		To E. J. Simon. 11/28	To Nat'l Elec Sig Co. 12/6
		To Roller Smith Co. 11/28	To E. J. Simon. 12/6
		To Wash. 11/28	Wash 12-7
		Roller-Smith Co 12-1	To Wireless Spec App Co. 11/22
		Weston Elec Instr Co 12-1	To De Forest Co. 11/22
		Wireless Improvement Co 12-1	To Nat'l Elec Sup. 12/7
		To E. J. Simon. 11/30	To E. J. Simon. 12/7
		To Roller Smith Co. 11/30	To Roller Smith Co. 12-11
		To F. Lowenstein. 11/30	To Western Elec Co. 11/22
		To Nat'l Elec Sup Co. 11/30	To Nat'l Elec Sig Co. 11/23
		E. J. Simon 12-3 (2)	To Marconi Co. 11/23
		To Roller Smith Co. 12/1	Wireless Spec App Co 12/23
		Emil J. Simon 12-4	To Wireless Spec Ap Co. 11/24
		Natl Elec Sup Co 12-5	To Marconi Co. 11/24
		Weston Elec Instr Co 12-4	To Weston Elec Inst Co. 11/24
		To M. Is. 12/4	To Roller Smith Co. 11/24
		Wash 12-3 (2 letters)	To Wireless Spec Ap Co. 11/24
		Emil J. Simon 12-6	Western Elec Co 11-27
			Roller-Smith Co 12-4
			To Marconi Co. 12/5
			To Nat'l Elec Sig. Co. 12/5

876: APPARATUS.

Number.	Date.	From or To—	Subject.
260365	11/12	DeForest Company	Request payment 75 percent on materials which they have purchased on contracts 375 and 28773 in order to meet obligations for raw material and payroll.W Co 11/16 To—11/22
260573	4/5	Elec Importing Co	States are in position to build small radio outfits for motor boat submarine chasers.W To—11/22
260635	11/13	NY	Fwds radio booklets.W To—Reqt instrn books as listed 11/26 NY-fwds booklet instrns 1/2 kw sets 2/27
260895	11/14	To Firms	Lists modifications which will be made to specs for 2 KW radio sets on reqn 722. W
260969	11/15	Federal Co	5 kw Poulsen radio sets: states have a number made up for the Pacific Mail Steamship Co. which they are unable to use and asks if Navy cantake over. (six sets).W
224562	11/15	SEE CARD 113	Fwd Norf via SO—Directs turn radio set over to Engineer Officer. 11/15 Fwd S&A—11/27
261126	11/15	Wireless Improvement Co	Electro static thermometer-have developed sample and request trial.W To—Reqt data on system recommended. 11/24
261260	11/19	To E.J.Simon	Reqn for spare parts for sets on contr listed will soon be issued. Lists spare required on each contr. W D.F.Simon--11/27/quotes prices.W

1917

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 259679	11/9	To NY	Assignment of radio sets. Regns 42 and 20. Fwds assignment desired. W
✓ 259695	11/9	To S.W. Kintner (Nat'l Elec Sig Co)	Directs visit Bu Monday if possible. W Nat'l Elec Sig Co—makes appointment for Nov/ 12th. 11/10. W
✓ 259744	11/9	Cutting & Washington	T Asks if Bu desires 10 commercial 1/2 kw sets. W To—(T) Regn has been made for 20 complete sets. 11/10
259729	11/8	Massie Co	States are in position to manufacture radio apparatus—reqt bids be sent them. W
To 11/12			Co asks if possible to do business with government in view of fact one of stock- holders is in government service 11/10
To Acknowledges. 11/15			Suggestions for improving radio communication between patrol boats. W
✓ 259768	10/29 11/1	S.B. Young, Elean 2d Cl. Boston	To Wash. quotes above for comment. 11/20 At Ft 11/12 Post 12-3
Wash 1-31			Phila sub its report on suggestions for improving communication between patrol boats 12-20
To Dist Com Supt Bost. Submits copy of report from Wash. 3/16			Experimental interfleet radio transmitters; quotes price. W
✓ 260104	11/8	General Radio Co	
✓ 260076	11/9	Cutting & Washington	Fwds photographs of certain boats. re- quest authority to use in new catalog covering their radio apparatus. W Fwd Dept—11/13

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 260098	11/10	Wireless Spec Co	Protests against being penalized for delayed deliveries on contracts. W To Regt infer as to each specific contract number. 11/15
257948	11/10	To Firms	Ewas drawings covering receiver to be used in or during bids called for by schedule 2232-1/2. W
✓ 259888	11/10	To EXA	A auxiliary radio sets. Inspection of will be made at works of Sperry Co. Regt NY be instructed to expedite shipment to MILITARY. W To NY—Ewas copy of above letter. 11/10
✓ 259935	11/10	To Sperry Co T	Clark will arrive Monday to inspect sets. W

APPARATUS:

Number.	Date.	From or To--	Subject.
258439	11/2	F Lowenstein	Reqt approval of drawings showing nameplates for 2 and 5 kw radio transmitters. To--Comments on prints. 11/10 Lowenstein 11-30 To--Appvd 12/4 Lowenstein 12-7
258450	11/3	To Wash	Specs for 1/2 kw transmitters, and for low power oscillion sets. Fwds. W To--Fwds specs. 11/13
258576	11/2	Marconi Co	1 kw transmitters complete. submits quotation. W Marconi Co--Agrees to furnish 3-way in lieu of quarter switch--reduced price--25 dollars. W
258670	11/1	Wireless Spec App Co	Fwds copy of instruction book for 1/2 kw panel sets. W
258945	11/3	NY	Tracing cloth for radio drawings: request approval of requisition for 15,000 sheets. W To--4 ppvs purchase of add'l stock of printed tracing cloth. 11/8 NY--Gives amount of tracing cloth on hand for issue. W
258741	11/5	To S&A	Title B--Radio apparatus issued at various yards. Directs issue instrns to yards not to issue radio apparatus to ships except in accord with standard allowance lists. W S&A 11/13
258096 ⁸	11/6	To Firms	Fwds specs for 2 KW radio sets. Lists drawings fwded under separate cover. W American Radio Research Corp--T-drawings not received. W

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 258889	11/6	To S&A	Reqt shipt of radio set from Wash to NY for stock. W ~~To—Shipt not received. 12/15~~ NY 1-15 To NY—1/22
✓ 259084	10/30	Fed Tel Co	Fwds vandykes and instruction books for 20 and 30 kw arc sets. W
✓ 259238	11/6	Cutting & Washington	States have 6 32 volt sets in stock in addition to those quoted on Nov 3rd. W To—No need of. 11/9
✓ 259237	11/6	Cutting & Washington	Fwds signed proposals for 22 kw submarine radio sets. W To—11/12
✓ 259592	11/8	F. Lowenstein	Request acceptance test be made at his plant; have secured additional floor space for. W To NY—Fwds above letter with comment. 11/10 NY 11/19
✓ 259018	11/7	To Ports Yards	Reqs for radio material. In excess. Reqt refer reqns to Yard before sending in to Bu for his recommendation. W
259622	10/27	Silvex Co VOID	States order for delux plugs not yet recd. DA
✓ 259630	11/8	Natl Elec Sig Co	Offers tower and gen set from the Brant Rock Station for sale (Cross to masts and towers) W To—Have no use for material. 11/13

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 257314	10/27	To <u>Marconi Co</u>	Bu is preparing reqn for 20 2 KW commercial panel sets and 15 1/2 KW panel sets for delivery to NY. W
198487		CARD 84	M is request sample plates and type numbers 10/22 To 11/10 Is 1-5
257406			To NY—Disposition of radio sets. Submits record of assignment of 11/21 NY 11/17 NY 12-18
25740W	10/29	To Eng Sd	Reqn to cover purchase of commercial type radio sets to be delivered Eng Sd. List rean. W
257408	10/29	To East	Ditto for East Yard. W
✓ 257580	10/30	To Wash	Blueprints of type number bulletin. Ask time and cost to produce about 300 copies re samp en- closed. W To Govt Printing Office—Ditto. 10/30 Wash 11/13 Wash 12-1
✓ 257834	10/30	Communications	Submits report by LtEC Ragmat on ability of certain vessels of fleet to receive arc signals. W
✓ 257819	10/31	To K&C Co T	Reqt order numbers each contr material reqd from Westinghouse to meet your deliveries. W K & C Co (T) gives Westinghouse Co's order 11/1 Co 11 lengths of tubing still due (T) 10/3
		To (T) Reqt date orders also quantity of tubing. 11/2	

APPARATUS. 876

Number.	Date.	From or To--	Subject.
257891	10/30	Atl Flt Personal	Writes relative to Alexanderson's patent hook-up, also small station, Jamestown and requests certain apparatus be shipped; request certain plans be shipped to British Admiralty. W
257808	10/31	To Belmar	Breakage of receivers ship from Wash. Sent info in detail in connection with. W Fwd Wash--12/5 RB 1-9 Fwd Belmar--1/14 RB 1-18
258341	11/2	E. J. Simon	1 kw sets; relative to voltage striking distance between coupler coil and buses; fws prints. W To--11/10
258310	10/31	Cutting & Washington	2 kw set; asks if circuit breaker desired on DC side of. W
258316	11/2	Marconi Co	Fws list of spares to be carried in stock, in order to provide for 10 sets of Marconi 1/2 kw commercial type panel set. W Co encloses additional list of spares 11/5
258216	11/2	To Marconi Co--2/27 To--3/16 To Marconi Co To Instrns re modification of set 11/8 To Cre... Co. to To 11/9 to its col. 8/18 Marconi Co 1-10	are in need of two 5 KW sets and one 2 KW set with motors wound for voltages as listed. Ask if can convert any sets to corres. W Co 11/20 To--Ask deliveries can make on sets. 12/7
258243	11/2	To Cutting & Washn T	Directs expedite fwding specs for 1/2 kw commercial set, including receivers and antenna. W Co fws specifications; quotes price 11/3

1917

APPARATUS.

Number.	Date.	From or To—	Subject.
256713	10/25	Sperry Co T	Radio transmitters for emergency; gives monthly rates of shipment; can promise same price as last order, liquidated damages not to apply. W
256663	10/23	A. L. Frankenfield <i>1200 5-11</i>	Reports test of his means for increasing radiation of wireless station. W Phila test of transmitter submitted by Frankenfield 11/6
256397	10/25	To K&O Co To Firms—	Fwds Vandykes, Antenna Send-receive switch, for use on 5-KW spark transmitters. W Marconi Co--11/19.W
256447	10/25	To Nat'l Elec Sig Co	Fwds copy of specs for 1/2 KW panel sets. Reqt submit quotation on, in accordance with specs. W Co 10/26
256563	10/25	To Phila	Test of apparatus, A. L. Frankenfield. Directs send representative to witness test of transmitter. W To A.L. Frankenfield—Gives action taken. 10/25
256862	10/26	To E.J. Simon	Trouble with operating coupling arret on panel sets by means of cords and pulleys. Directs in future supply with a rotary worm, or some rigid smooth working means. W Simon states have made couplings control 10/29

APPARATUS 876

Number.	Date.	From or To—	Subject.
✓ 256868	10/26	To Manhattan Elec Sup Co	Submits statement of Lowenstein showing status of contrs. W Co states records do not agree with facts stated by Bureau 11/1 Co 12-12 To Lowenstein--12/14
✓ 256910	10/26	To Firms	Radio sets on schedule 1213-1/2. Detailed instrns in connection with apparatus. Must be capable of transmitting on a wave length of 300 meters, etc. W
257217	10-12	SEE CARD 200	
✓ 257265	10/27	Natl Elec Sig Co	1/2 kw panel radio marine sets; request requisition and contract number. W
✓ 25726W	10/27	Natl Elec Sig Co	2 kw commercial type radio sets; request requisition number. W
✓ 257265	10/27	Natl Elec Sig Co	1/2 kw radio sets fitted with Henderson engines; request contract number W To--Have no infer in connect on with. 11/1
✓ 257089	10/27	To Wash	Detailed comments re information which should be submitted in weekly reports of changes in radio apparatus. W
257311	10/27	To NY	Simon 1/2 KW panel radio sets. Instrns re coupling to be accepted. W

APPARATUS.

Number.	Date.	From or To--	Subject.
✓ 256379	10/23	Amer R&R Corp	Contact: asks thread to be furnished.W To--10/29
✓ 256446	10/24 Co 11/14	Amer R&R Corp	Quotes price and time of delivery for re-winding exciter on 1/2 kw DC generators, to operate as motor generators, from 110 volt circuit.W Co states quotation did not cover 2 sets of spares 10/27 To--11/12
256550	10/24	Paul C. Schnitzler	States has 6 additional sets for sale by the Atlantic Communication Co; quotes price.W To--No need of at present.10/30
✓ 256527	10/23	Natl Elec Sig Co	5 1/4 kw panel radio sets, Simon's design; states will require sample set in connection with manufacturing.W To NY & Co--Fwd'd copy of above letter, and directs confer with company.10/27 NY 12-31
✓ 256496	10/24	To K&C Co ?	R eqn for 12 2 KW and five 1 KW commercial type radio sets, prepared, rec award to company. Priority certificate reqtd. W To--Reqd Infor as to type of receiving.11/15 K&C Co's replies. -1-16
256286	10/23	To Best	Wireless Spec App Co 1/2 KW sets. Directs rush tests, as are urgently needed. W

APPARATUS. 876

Number.	Date.	From or To--	Subject.
232688	SEE CARD 139		
		To GE Co--Assigns type no. 11/1	To Manhattan Elec Sup Co--Reassignment of type numbers. 10/23
		F. Lowenstein request correction of apparent errors 11/1	To De Forest Co--10/23
		E. J. Simon 11/2	To American Transformer Co--10/23
		Manhattan Elec Sup Co (2 letters) request action letters Oct 10 10/31	Phila fwds prints (2 letters) 10/25
		Marconi Co relative to additional type numbers for switchboards, quenched gap and gap mounting 10/25	To De Forest Co--Assigns type number. 10/25
		Enl J Simon fwds copies of tables requested 11/3	To Firms--Ditto. 10/25
		Am Har Corp request instructions relative to supplying catalogue numbers and any other data required for name-plates for switchboards 11/3	To Firms--Assigns and modifies type numbers. 10/26
		Weston Co fwds negative vandykes of instruments for which type numbers have already been assigned 11/2	Boat fwds prints 10/25
		To E. J. Simon--11/5	To Sperry Co--Ask capacity of condenser of Dubilier Co. 10/27
		To Nat'l Elec Sig Co & Sperry Co--Assigns new type number. 11/5	To NY--Req't Vandykes of 5 KW gap. 10/27
		To Crocker Wheeler Co--11/5	To Nat'l Elec Sup Co and Wireless Improve Co--Roller Smith Co will make studs on meter 3/8" long. 10/27
		To Manhattan Elec Sup Co--11/5	F. Lowenstein 10/26
		To Marconi Co--11/5	To Nat'l Elec Sup Co--Reassignment of type numbers. 10/29
		To Manhattan Elec Sup Co--11/6	To E. J. Simon--Req't type numbers of apparatus listed. 10/29
		H-C Co fwds rheostat data on motor generating sets for type numbers 11/6	To Firms--Fwds data sheet for rheostats and directs submit to Bu. 10/29
		NI--fwds vandykes with type numbers added. 11/6.	To Bost--10/29
		Western Elec Instr Co fwds list of instruments to which Bureau has already assigned type numbers; fwds vandykes showing 11/7	To Roller Smith Co--10/27
		Boat replies to letter of Oct 30 11/7	To Amer R&B Corp--In trns re preparing name-plate. 10/30
		To Nat'l Elec Sig Co--11/8	To Bost--Ask maximum capacity of antenna transfer switch. 10/30
		To De Forest Co--11/9 MB 11/15	To N.Y.S. Assigns type numbers. 10/30
		F. Lowenstein fwds table. 11/9.W	To NY--Ditto. 10/30
		Crocker Wheeler gives different sizes of generators. 11/9.W	Western Elec Instruments Co fwds vandykes covering instruments 10/30
		E. J. Simon 11/10	Western Elec Instr Co fwds vandykes of additional instruments for type numbers 10/30
		E. J. Simon 11/10	Marconi Co 10/30
		Manhattan Elec Sup Co 11/12	To Yards & Firms--Assigns type numbers. 10/31
		Roller Smith Co 11/12	To E. Lowenstein--10/31
		Natl Elec Sig Co 11/12	Sperry Co 10/31
			De Forest Co request reply to latter of Oct 25th 10/31
			Western Elec Co 1/2 KW motor boat sets, type number; will apply for using gum table; all 4 tubes interchangeable 11/1
			Westinghouse Elec Co 11/14

CARD 148

APPARATUS.

1917

Number.	Date.	From or To—	Subject.
✓ 25489 0	10/14	Phila	Wireless Spec Co's panel radio sets; request duplicate plan.W To NY—Reqt fwd same to Bu.10/26 NY-fwds booklet.11/6.W
✓ 254955	10/13	Boat	5 sets on Cutting & Washington contract 627 have not been assigned.W
✓ 254953	10/15	Wireless Improvement Co	Otto Martini has been appointed production engineer of company.W
✓ 244473	10/13	To E.J.Simon	Fwds copies of report of test of panel radio set, received from Wash Yard. W
254517	10/13	To Wash	Fwds blueprint copy of specs covering the requirements for arc type transmitters. W To—Fwds blueprint showing changes in arc specs. 10/25
✓ 255210	10/17	Wireless Spec App Co T	Quotes price for 8 1 kw sets.W Wireless Specialty Co (T) gives revised price - 10/25 W

APPARATUS. 876

Number.	Date.	From or To--	Subject.
255196	10/17	To Haller Cunningham Elec Co T	Ask if have any commercial ship radio sets in stock. W
	11/37	To Reqt copy of letter of Oct 24th.	Co 10/24
	11/30	Shipping Board	To Shipping Bd--Reqt fwd company's telegram to Bu. 11/5
		Haller-Cunningham Co 12-3	Haller-Cunningham Co--fwd printed matter--gives their specialties for radio work. 10/28.
		Haller-Cunningham Co - 2/12 -W	To Shipping B card--Fwds copy of company's letter States have decided to retain order for 50 1/2 kw sets; will supply them in accordance with Simon's design. W
255370	10/17	Natl Elec Sig Co	
255721	10/18	Wireless Spec App Co T	Request future radio requirements in order to secure supply of silicon steel, used in transformers. W
255839	10/20	Kilbourne & Clark	Reports price and time of delivery. W To--(T) Ask number 1 and 2 KW sets can delivery Pug Sd within month. 10/20
255587	10/20	To Firms 2	Fwds copy of drawing for use in connection with preparation of bids for receivers. W
		Wireless Imp Co 11/14	Submits information re what proposals will contain. W
		Marconi Co--11/15--fwd prints.	To--11/12
		To Nat'l Elec Sig Co--Reqt expedite return of blueprints 11/24	Sperry Co--11/14--fwd print. W
		Natl Elec Sig Co 11-30	To--Reqt return of prints if not awarded contr. 11/12
		To Nat'l Elec Sig Co--Auth retain drawings. 12/4	Gives description of radio sets and quotes price. W
256142	10/20	J. N. Cohen	To--Acknowledges. 10/26

APPARATUS.

Number.	Date.	From or To--	Subject.
253921	10/10	Natl Elec Sig Co T	States cannot deliver complete radio sets in time called for unless motor generators and meters are received at once. W
254058	10/9	Ports	List of radio sets under contract; request blueprint covering. W To—Fwds blueprint. 10/13
253784	10/9	To NY T	Ask probable date ship first ten 1/2 KW Marconi radio sets, contr 3, to Norf. W NY - (T) has delivered Marconi 1/2 KW radio sets, promised Oct. 15th & 1. /10 NY (T) no deliveries yet received 1 0/11
254059	10/9	Ports	List of stores of radio material to be carried by various yards; request copy of blueprint showing. W To—Fwds copy of radio report. 10/13
254174	10/10	NY	Fwds 57 vandykes. W
252531	10/3	To Phila	Radio installation on-inform Bureau if set is available purchased from Spec App Co 1 kw. 361-6
254003	10/10	To NY	Assigns radio set ex Fire Island to NY Yard for issue. W

APPARATUS 876

Number.	Date.	From or To—	Subject.
254203	10/11	To Wash	Radio apparatus delivery dates. Directs notify Bu by letter when reqt covers shift on one contr number, and a paratus on another contr is shipt. W Wash 10/13
254098	10/12	To SEA To NY—Disc pvs reqt for allott. 11/13	Reqd shipt of aparatus from NY to Wash for sample panel radio set. W To—Directs cancel reqt. 10/13 To SEA—Reqd shipt of wave changing switch from NY to Marconi Co. 10/29 To NY—Gives action. 10/29 Copy of Marconi Co NY 10/31
254288	10/12	To Pug Sd	Calls attentions to errors in semi-monthly radio reports. W To M. Is.—Ditto. 10/12
254289	10/12	To NY	Reqd for booklets of radio sets. W NY fws booklet plans 11/2 NY 11/9
✓ 254693	10/8	Pensacola	Manufacture of inductive shunts for use with ships' radio sets; fws estimate and prints. W (885)
✓ 254780	10/15	Chasn R	FOOTE, ECLIPSE, LONG BEACH and ASTORIA; asks when delivery of 5 kw gas engine driven radio sets will be expected. W To—(T) Will ship 3 gas engine sets this week. 10/16 Chasn—(R) states gas engine sets not recd 10/27 To—(T) Set shipt Oct 24th. 10/29

APPARATUS.

Number.	Date.	From or To—	Subject.	
✓ 253121	10/5	Great Lakes T	ESSEX. HAWK, WOLVERINE, LUZON; gives numbers of transmitter installed on. W To—F orms 25-B not received. 10/25	
✓ 253255	9/27	C. Spiro Mfg Co	Request orders for radio sets: gives facilities. W To—Comments on 10/30	
✓ 252997	10/5	To Dubilier Condenser Co To J. G. Biddle Ports - Request specifications. W 4-24	Fwds copy of specs covering requirements for condensers and protective devices for use with radio transmitters. W To S&A—Ditto. 10/5 To Elec Specialty Co—Ditto. 10/6 To Krantz Mfg. Co—Ditto. 10/6 To Yards—Fwds specs for radio trans. 10/26 To Ports—Fwds specs. 4-30	
✓ 253399	10/6	Marconi Co	1/2 kw cargo type sets manufactured for the English Marconi Co. have discontinued manufacture of; quotes price for their standard commercial 1/2 kw panel sets; fwds photographs and list showing items comprising set. W	
252567	10-4	To S&A	Reqt shipt of apparatus from Wash to New London	861
253172	10-5	NY	Radio apparatus switch for allowing master to control radio sending apparatus; states present method of in talking unsat. and rec that other precautions be taken; rec scheme for improving.	771
✓ 253782	10/6	Fed Tel Co Personal	Relative to prices for 100 kw arc. W	

APPARATUS. 876

Number.	Date.	From or To—	Subject.
253441	10/5	Amer R&R Corp	Submits report on production capacity for 2 kw sets.W
220897	CARD 124		
		Crocker Wheeler Co 1-16	Crocker, Wheeler Co: has request from Atlantic Communication Co for 5 kw motor generator 10/8
		To Crocker Wheeler Co--1/23	Crocker, Wheeler Co inquiry from Univ of Wisc 10/8
		Crocker Wheeler Co NY Military Academy request prices on apparatus 1-21	Crocker, Wheeler Co states have request from Atl Com Co 10/9
		Crocker Wheeler Co 2-7	To Crocker Wheeler Co--10/9
		Crocker Wheeler Co. 2-9 fwas inquiry from Lewis Charles.	To Crocker Wheeler Co--10/10
		Crocker Wheeler Co-Graceland--reqt bid on wireless apparatus.W	Crocker, Wheeler Co relative to selling generators to R. W. Pratt 10/31
		To Crocker Wheeler Co--2/13	Crocker Wheeler fwas inquiry from Farnam for motor generator.
		To Crocker Wheeler Co. 2/14	To Crocker Wheeler Co--11/8
		To Signal Corps--2/14	To Crocker Wheeler Co--11/8
		Crocker Wheeler Co-request authority to quote Liberty Elec Co. 2/15	To Nav Intell--11/8
		Crocker Wheeler Co W. 2-15	To Navy Intell--Directs investigate apparatus at Kent Mich. 11/9
		To Crocker Wheeler Co--2/18	Crocker, Wheeler Co 11/13
		To Crocker Wheeler Co--2/20	To Crocker Wheeler Co--11/17
		To Kohan Mfg. Co--2/20	To Crocker Wheeler Co--11/26
		To Crocker Wheeler Co. 2/20	To CHARLESTON Ask if are in need of motor compressors. 11/26
		To NY Military Academy--2/27	Crocker-Wheeler Co 12-12
		To Crocker Wheeler Co. 3/26	Crocker-Wheeler Co 12-15
			To Nav Intell--Rept intentions of Mr. L. Day be investigated. 12/16
			Crocker, Wheeler Co G S Darr request priced 12-22
			To Nav Com--Rept intentions of L.C. Holt be investigated. 12/20
			To Crocker Wheeler Co--12/20
			CLP. BTCH 12-24
			To Crocker Wheeler Co--12/31
			To Clyde E. Darr--1/4
			Crocker Wheeler Co 1-4
			Clyde E. Darr 1-8
			To Crocker Wheeler Co--1/12
			To Nav Intell--1/12

[OVER.]

APPARATUS.

1917

Number.	Date.	From or To—	Subject.
252063	9/29	NY	Fwds photographs of miscellaneous radio apparatus. W
250578	9/29	To Copely Mfg. Co	Submits information re number of spare engines starter, speedometers that Bu will require for motor boats. W
252240	10/1	To Bost T	Directs make immediate ship express 6 Wireless Spec Ap Co 1/2 kw radio sets, contr 671, assigned Phila. W To Bost--Directs inform Phila date and route of ship. 10/2
252478	10/1	NY	E. J. Simon 1/2 kw panel sets; fwds criticisms of and recommends alterations in, to overcome defects. W
249253		CARD 136	Sanamo Elec Co fwds vandykes showing diagram in drilling dimensions in ampere hour meter 10/1
Elec Controller Co fwds prints 10/10		Elec Controller & Mfg Co fwds prints 10/4	
Ports request copy 10/10		Elec Controller & Mfg Co fwds additional prints 10/4	
Elec Controller Co automatic motor starters; request type number for 10/22		Electric Controller Co fwds prints 10/4	
Elec Controller & Mfg Co 11/26		To Elec Controller Co 10/6	
Elec Cont Co fwds data-11/30. W		Elec Controller Co fwds print 10/9 (2 letters)	
253092	10/4	NY	Radio drwing-fwds 122. W
249253		ABOVE	Elec Controller & Mfg Co 12-18
Elec Controller & Mfg Co 1-10		To Elec Controller Co--Appvs drawings. 12/17	
To Elec Controller Mfg. Co 1/19		To Elec Controller & Mfg. Co--1/8	
Elec Controller Co 1-25		To Elec Cont Co--1/30	
Elec C & M Co 2-1 (2 letters)		To Elec Controller Co--2/5	

APPARATUS 876

Number.	Date.	From or To—	Subject.
232688	10/2	<i>Card 137</i> To Amer Transformer Co—10/10	10/2 To Nat'l Elec Sup Co—Re change in type number. 10/2
		To Wireless Spec Ap Co—10/10	To De Forest Co—Re type number for oscillion sets. 10/2
		To F. Lowenstein—Assigns type numbers. 10/10	Phila fws prints 10/2
		Industrial Controller Co 10/10	Weston elec instruments Co 10/3
		Amer Transformer Co 10/11	To Wash—Re assignment of type numbers. 10/3
		To Marconi Co—10/11	To Firms—Assigns type numbers. 10/3
		To Sperry Co—10/11	To Weston Elec Co—Fws bulletins. 10/3
		To Western Elec Co—Reqt certain info. 10/11	To Phila—Reqt Vandykes of rotary spark gap be fwded to Bu. 10/3
		To Roller Smith Co—10/11	To Aero Sta—Fws bulletins. 10/3
		To Nat'l Elec Sup Co—Reqt information. 10/11	To Roller Smith Co—10/4
		To Amer R&R Corp—Assigns type numbers. 10/12	To Fed Co—Fws drawings with comment. 10/4
		To Cutting & Washington—Reqt certain information. 10/12	To Fed Co—Additions and modifications. 10/4
		To M.R. Hutchinson—10/12	F. Lowenstein 10/4
		To F. Lowenstein—10/12	W. F. Mordock—Fws prints. 10/5.
		To Cracker Wheeler Co—10/12	Wireless Spec Ap Co 10/5
		Sperry Co 10/13	Amer Transformer Co 10/5
		Phila fws prints 10/11	Zamer R&R Corp gives source of supply of individual items that make up 2 kw transmitter. 10/8
		Phila fws prints 10/11	Roller Smith Co submits comments (2 letters) 10/8
		Marconi Co 10/11	M R Hutchison fws vandykes, description and instruction sheets covering design of storage batteries 10/2
		Marconi Co 10/15	To De Forest Co—Assigns type numbers. 10/8
		My request approval of number assigned internal combustion generating units 10/15	To Wireless Spec Ap Co—10/8
		Marconi Co request type number for switchboards 10/16	Phila—10/8
		To Firms—Re type numbers. 10/17	Cracker, Wheeler Co 10/8
		Amer Transformer Co 10/18	Natl Elec Signalling Co 10/9
		To Western Elec Co—Assigns no. 10/16	Kilbourne & Clark Co fws instruction books 10/5
		To Western Elec Co—Ditto. 10/16	Manhattan Elec Sup Co (2 letters) fws prints of buzzer and operating key 10/10
		To Firms—Fws type number bulletins. 10/16	Century Telephone Construction Co believes unnecessary to submit additional plans 10/9
		To Firms assigns type numbers. 10/18	To Dubilier Condenser Co—10/9
		F. Lowenstein 10/19	Wireless Spec Ap Co request confirmation of protective devices called for 10/10
		Marconi Co 10/19	Weston Elec Instr Co 10/20
		De Forest Co 10/19	Ny. 10/22
		To Marconi Co—10/20	Weston Elec Inst Co 10/23
		E. J. Simon 10/24	Amer R&R Corp 10/23
			Sperry Co 10/23

CARD 143

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 249634	9/14 9/17	Narconi Co Wash	Submits bills on various contracts and request payments be expedited. W Fwd Brook—9/18 RB 10/18 Fwd Wash—10/27 RB 11/8
249655	9/17	NY	Jigs for 1 and 10 kw spokes: fws vandykes. W To—Appvs drawing with modif. 10/1
		NY fws directions for 1, 2 and 5 kw spokes 1 9/30	NY joints for jigs for 1 and 10 kw spokes; fws vandykes 10/18
249134	9/15	To SEA	Reqt shipt of trans set from Phila to Wash. W
250063	9/19	E. J. Simon	Requisitions 72 and 658; states have ^{not} been yet received contracts; request be ex- pedited, in order to secure material. W To—9/28
250220	9/18 9/20	Sperry Co Wash	States have not yet received contract cov- ering radio transmitting sets, requisition 100.8
250547	9/13	M Is	Electrose for arc sets: fws table showing variation and diameter. W To—Comments on. 9/28 M Is 10/19
231579	SEE CARD 1229		To Western Elec Co—Fws draft of lease covering Montauk Point, for execution. 9/22
	Fwd Sol—10/18 RB 10/25		Western Elec Co lease covering their plant at Montauk Point; suggests certain changes in 10/15
	To Sol—11/10		Cancels all outstanding quotations and submits revised price list. W
	To NY—11/10		To—Acknowledges. 9/28
251145	9/24	Natl Elec Sig Co	

CARD 167

APPARATUS 876

Number.	Date.	From or To—	Subject.
251163	9/26	To Phila	Reqt Vandykes and prints of latest revision of Rotary spark gaps. W Phila feds prints 1 0/8
205023	SEE CARD 96		
	Boston—Progress report. 10/10. W		
	To Best—Submits form to submit report in. 10/13		
	N is progress report 10/11		
	Pug Sd 10/10		
	To Is. via S&A—Appvs est with modification. 10/15		
251641	9/28	To NY To NI	To NY—Reqt report of progress of manuf of radio apparatus on orders 3 and 5 assigned to NY. 9/27 To Best—Ditto for orders 3, 4 & 6. 9/27 Best—(T) Fwd radio order numbers today. To Yards—Reqt reports of progress of manuf on different radio orders. 9/28 Best 9/29 NY request action 1-30 Phila feds progress report. 10/3 NY 10/8 NY 1-26 BU has decided to take over numbering of contrs prints in the co-ordination plan. Fwds prints, and reqts certain information along these lines. W
251732	9/28	To East	Semi-monthly radio report. Statement of availability unassigned radio apparatus. Reqt info re disposition of apparatus. W East 10/8
251740	9/28	To Wash via Comdt	Arc radio sets purchased from Fed Co. Instrns in connection with disposition of. W
251992	9/8	Marconi Co	Gives list of requisition and contract numbers and request be advised if same are correct, covering apparatus which they are to manufacture. W To—Returns correct. 10/2

APPARATUS.

Number.	Date.	From or To—	Subject.
232688	SEE CARD 134		
		To Yards & Firms—Assigns type numbers. 9/24	To Locke Insulator Co—9/12
		Fed Tel Co recommends changes in type numbers assigned 9/20	To F. Lowenstein—9/12
		Phila unable to identify wave change type from numbers quoted; suggests type numbers be changed in the semi-annual radio reports. 9/24.	To Firms—Assigns type numbers. 9/12
		Filed under-249472-828	NY fwsd 84 prints. 9/12
		To Electrosec Insulator Co—Assigns type numbers. 9/26	The Locke Insulator Co—request action 9/13 W
		Western Elec Co request addition of copies 9/26	Phila 9/13
		Marconi Co will furnish H-C motor generators 9/27	9/13. Weston Instr Co
		Triumph Elec Co. 9/26. W	Kilbourne & Clark Co 9/11
		To Roller Smith Co—Modifies type numbers. 9/27	Wash fwsd prints 9/12
		To Yards & Firms—Assigns type numbers. 9/27	To Wash—Assigns type number. 9/13
		Natl Elec Supply Co—9/27. W	To Yards & Firms—Assigns type numbers. 9/13
		Pensacola—9/25 W	NY fwsd vandykes 9/16
		DeForest—9/27. W	To Firms and Yards—Assigns type numbers and nameplates for apparatus. 9/14
		To K&C Co—9/28	To Cutler Hammer Co—Reqd detailed description of drawings, etc. 9/17
		American Transformer Co 9/29	To Yards & Firms—Assigns type numbers. 9/17
		Phila—Fwsd prints/9/26. W	Generator Radio Co 9/15
		To Weston Elec Instr Co—Assigns type numbers. 9/29	Fed Tel Co 9/12
		To NY—9/29	Phila 9/16
		To Phila—Directs make complete preliminary design for switchboards. 9/28	Weston Elec Instr Co 9/18
		To Weston Elec Instr Co—Reqd certain blueprints. 9/28	Sperry Co 9/19
		Ward Leonard Elec. Co—Fwsd blueprints. 9/25. W	To Fed Co—9/20
		Century Telephone Co 9/28	To E. J. Simon—9/20
		Dubilier Condenser Co 9/30	To Wireless Improvement Co—Assigns type numbers. 9/20
		Roller Smith Co—9/29. W	NY lightning switch; fwsd drawings 9/21
		Roller, Smith Co 10/2	NY remote control antenna switch; assignment of type numbers 9/21
			To Phila—9/31 (2)
			To Dubilier Condenser Co—Assigns type numbers. 9/21
			Weston Elec Instr Co—9/21
			Phila gaps; fwsd photostat copy 9/22
			Phila fwsd switchboard drawing 9/22
			H-C Co reassignment of type numbers 9/22
			To Locke Insulator Co—9/24
			To De Forest Co—Assigns type number. 9/24
			To Century Tel & Constr Co—Ditto. 9/24
			Phila 9/22
			F. Lowenstein 9/24
			To Yards & Firms—Assigns type numbers. 9/25

SEE CARD 139

APPARATUS 876

Number.	Date.	From or To—	Subject.
248301	9/12	To M.Is. <i>See 136</i>	Lists drawing materials which Bu has directed various yards to fwd to Yard. W To NY—Lists tracings sheets and directs fwd to M.Is. 9/13 MIS (T) drawing material reqd 2/11 - W To NY—Radio tracing cloths 4-29
249088	9/10 9/13	Interior Dept Communications Fwd Nav Com—9/22 RB 9/27 To Pug Sd—Auth issue to W.T. Lopp trans set. 9/28 Pug Sd 10/6	Request Navy transfer an obsolete radio transmitting set for use of Bureau education in Alaska; understands Navy has obsolete set at M Is - W To Pug Sd—(T) 9/17 Pug Sd (T) states can assemble old sets for Bureau of Education 9/20 To Pug Sd—(T) Auth issue. 9/22
249406	9/15	Amer R&R Corp To—Fwds copy of report of test. 10/27 Washn Yd—Fwds supplementary report on test of 1/2 kw rotary gap set submitted by American R&R Corp. 11/13 W To—Submits report on set. 11/22 To Wash—11/28	1/2 kw motor boat set: are shipping to Radio Test Shop for test. W To Wash—Fwds copy of above letter. Instrns re test. 9/18 Wash fwsd copies of report on 1/2 kw rotary gap submitted by the Amer R&R Corp 10/19
249441	9/13	Chen	1/2 kw radio sets: request information concerning assignment of; gives assignment of portion. W To—Fwds list of sets that have been shipt. 9/18
249517	9/15	Wireless Improvement Co	50 1/2 kw Simon type radio transmitters. to be manufactured by American Telegraph Typewriter Co for the Wireless Co; Request sample in connection with manufacturing. W Co recommends proposal be changed to read that sets shall be interchangeable with those furnished by E.J. Simon 9/19 To NY—Fwds letter, and directs make loan. 9/20 RB To—Cannot auth any delay in manuf of sets. 9/24 Wireless Improvement Co 9/26

9/29

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 247963	9/6	Natl Elec Sig Co	To 1 1/2 kw radio sets, requisition 130; have not received copy of contract nor instructions relative to type of power unit. W To S.A. Rept fwd company contr. 9/8 To 9/8
✓ 248103	9/8	Natl Elec Sig Co	Request type numbers covering apparatus on various contracts covering short wave receivers and 1/2 kw boat sets. W To Lists type numbers assigned 9/14
✓ 248051	9/8	To E. J. Simon	Use of cyprus wood for miscellaneous spare part boxes is satis, instead of oak. *
✓ 248235	9/7	Marconi Co	Writes in detail relative to expected deliveries of various radio apparatus during present month. W To 9/12 driven set To Copely Co—Ask when engine/en contr will be ready for delivery. 9/12 Marconi Co 9/14 Copely Co 9/20
✓ 248293	9/10	To NY	Rept fwd V. Higgins to Bu. as listed. W NY fws vandykes 9/21
✓ 248294	9/10	To Marconi Co	Re t print or sketch showing overall dimensions and holding down bolt holes of 2 K.W. gasoline engine driven sets. W

APPARATUS. 876

Number.	Date.	From or To—	Subject.	
248318	9/10	To M. Is.	Reqt that completion of two 20 KW arc radio sets be rushed. W M Is gives reasons for delay 9/23	
248415	9/10	Amer R&R Corp	Fwds photographs of standard apparatus manufactured by them with particular reference to the Cerusite detector stand and antenna reel. W To—9/15	
248301	8/30	M Is	F and A sheets tracing cloth; request delivery of be expedited. W NY-fwds tracing cloth. 9/27. W M Is 9/24 To NY—10/9	
248355	9/11	To Firms	Fwds Bulletin RE 15A 1010, with instrns re submitting Vandykes of everythin, instead of blue prints. W To Yards—Ditto. 9/12 Century Telephone Construction Co head telephone set; submits prints 9/13	CARD 139
248616	9/10	To Sangamo Elec Co	Roller-Smith Co 9/14 20 kw arc set transmitters; fwds complete set of vandykes. W To Wash—12/11	
248484	9/14	To Coast Guard	Radio apparatus, shipment of. Gives action in connection with.	727

1917

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 246618	8/29	E. J. Simon	States Mr. Walter H Pumphrey will call at Bureau, in connection with radio apparatus, as business representative. W
✓ 246849	8-29	Wash	Fwds miscellaneous radio prints. W
246911	8/30	NY	Fwds radio drawings. W
✓ 246989	8/30	Wireless Spec App	To Request that clause that liquidated damages do not apply be placed on all their contracts. W To— Penalty clause eliminated. 9/5
✓ 246371	9/1	To European Force	Fwds drawing and allow books as listed. W
✓ 246988	9/1	T. S&A Phila fws drawings 10/8	Re t shift of trans set from NY to Phila. W To Phila—Agree install on MAYRANT. 9/1 Phila fws print covering Lowanets in set being installed on MAYRANT 9/20 To Phil—Drawing appvd. 9/25 To Phila—Reqt vandyke of radio room on MAYRANT be fwded. 9/26 Licenses for small sets; agree to license other companies, upon request from Bureau. W To—9/5
✓ 247382	8/31	Fed Tel Co	

APPARATUS 876

Number.	Date.	From or To—	Subject.
✓ 247394	9/5	To Chasn	Re error in assignment of type numbers. W
✓ 247480	9/5	To C&H	TEXAS. Break in fire main in radio room. Advisable not to have any water pipes passing thru <u>radio room</u> . W
✓ 247730	9/5	Natl Elec Sup Co	Request type numbers be assigned to orders listed. W To—lists type numbers. 9/14
247571	9/6	To Wireless Spec App Co	Edws drawing showing form of jig used at NY for cutting off spools of 2 K.W. inductance coils to the proper length. W
247662	9/6	To Dept via Gunnery Exercises.	Fire control b. radio in Battleship Fleet. British are using. Ask if wish to ut in tail in any of our ships. W (Cross to 617) Dept--726
247875	9/7	To Wash	Rect for Vandykes of drawings showing latest revision of RW 65AA 108A. W

ALPABAH 876

Number.	Date.	From or To	Subject.
✓ 246348	8/29	To Boat	Drawings of #2 and #5 auxiliary hand keys. Instrs re changes in. W Boat fws prints 9/8
/ 246349	8/29	To Panama Canal	Fws copy of latest revision of specs for Radio transmitters. W To Purchasing Dept, Panama Canal Ditto. 8/29 Panama Canal 9/7
/ 246452	8/29	To Ports	Ask disposition made of quenched spark gap, ex-VULCAN W RA 9/8
/ 237403	SEE CARD 129	NY fws copy of letter from Treas Dept allowing delivery free of duty 9/14	To P.C. Schnitzler 8/29 Schnitzler expect to have 5 additional sets by first of Sept 8/29 Treas Dept 9/1 To NY fws letter from Treas Dept. 9/8
✓ Bu 76	8/29	Fwd S&A	Instrs sets for radio operators. Rec of award. WR
/ 246790	8-30	F. Lowenstein	Fws vandykes TD-454-A.W
246612	8/30	To Phila	Reqt for drawings of. W Phila 9/9

APPARATUS.

Number.	Date.	From or To—	Subject.
245722	8/27	To S&A 16	Reqt shipt of buzzer blinker instrn sets from Wash to ships. W
✓ 246080	8/28	NY To Phila—instrns re specifying machine screws in radio drawings. 10/27	Fwds copy of letter from Lowenstein requesting type form and classes of apparatus on 4 contracts. W To Phila—Appvs changes suggested above. 9/28 Phila rotary spark gap; ~~unit~~ comments on proposed changes 11/2
246139	8/27	Norfolk	Fwds set of plans. W
246294	8/28	Natl Elec Sig Co	50 simplified type radio sets for motor boats; request contract and regulation for W To NY—ent copy of contr 130. 8/30 To NY 8/31 NY 9/1
✓ 246274	8/26	Phila	Fwds miscellaneous radio drawings. W Phila 9/9
232688	SEE CARD 132	Dubilier Condenser Co 9/4 To Western Elec Inst Co. 9/5 To Firms—Assigns type number. 9/5 Amer Transformer Co 9/5 To Yards & Firms—9/6 To firms—9/7 F. Lowenstein 9/7 Red Tel Co request prints 9/6 Manhattan Elec Shp Co 9/10 To Western Elec Inst Co—Assigns type numbers 9/11 Boat fws key contact prints 9/11 Phila 9/11 (2)	To Crocker Wheeler Co—Assigns add'l type numbers. 8/29 To F. Lowenstein—Assigns type numbers. 8/29 To F. Lowenstein—Lists nameplates applying to apparatus. 8/30 To Amer Transformer Co—Assigns type numbers. 8/30 To Gen Radio Co—8/30 Crocker Wheeler Co 8/30 To Yards Firms—Assigns type numbers. 8/31 NY fws antenna switch plans with type number added 8/31 Locke Insulator Co fws drawing with type number added 8/29 To Phila—Assigns type numbers. 9/1 Phila gives time required for making revisions of drawings 8/31

CARD 137

APPARATUS.

1917

Number.	Date.	From or To—	Subject.
✓ 245173	8/23	To Bost	Radio apparatus for merchant vessels, and chasers. Gives disposition of 1/2 K.W. trans sets under regn 659 from Wireless Spec Ap Co. W To SAA. Reqt shipt of trans sets from Bost to Yards for. 8/23
✓ 235241	8/23	To NY	Gives disposition of trans set purchased on contr 340. W To SAA. Reqt shipt of receivers and trans sets from Wash and NY to Norf for M.S hips and chasers. 8/23 To Norf. Fwd copy of letter to NY. 8/23
245517	8/22	NY	Spare part boxes for 1/2 kw Simon set. recommends permission be given to deliver oak spare part boxes. W Re. Apprs. 8/28
223268	SEE CARD 112		Fwd Phila. F or recommendation. 8/24 RB 9/17 Phila 9/12
✓ 245795	8/25	Sperry Co	Motor boat transmitter; reports relative to deliveries of W

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 245537	8/25	To S&A	Reqt shipt of trans sets from Phila to Norf for Onward. W (Cross to SP)
✓ 245654	8/25	To S&A	Reqt shipt of trans sets from NY to Pug Sd for merchant vessels and chasers. W To o. Ditto to Y ards. 8/25 To NY—Gives disposition of trans sets on regh 71, from Marconi Co. 8/25 W is reqt copy of contract 9/11 to M. Is. — 9/18
✓ 245655	8/25	To S&A	Reqt shipt of receivers from Wash to Phila
✓ 245695	8/25 NY 11/12	To NY	Die cast parts for 1, 2, 5 and 10KW loading coil units. Directs prepare proprietary reqn for construction of dies for casting. to be purchased in M Doehler Die Casting Co. Object is to decrease cost of. W NY fws prints for use in connection with manufacturing die cast parts 10/23 To NY—Lists drawings appvd. Directs have company mamf dies. 10/27
✓ 246052	8/27	Natl Elec Sup Co	Request type numbers for material on 650 contracts. W

1917

APPARATUS.

Number.	Date.	From or To--	Subject.
✓ 244762	8/20	To Wash	Purchase of arc bushings from Fed Co. If need more bushings can now secure them from Fed Co at below production cost. W
✓ 245089	8/21	Marconi Co	Request payment for 4 1/2 kw sets delivered in June and shipped to Phila. W To S&A--Fwd's copy of above letter for action. 10/2
244911	8/21 8/22	To S&A	Reqt shipt of trans sets from NY to Yards for merchant ships and chasers. W To NY--Gives disposition of Trans sets. 8/21 To S&A--Directs cancel shipt re t of and 9/1 NY request disposition 9/13 To NY--Instrns re distribution. 9/18
		To--Reqt shipt order of 8/22/17 be cancelled. 1/9 To NY--1/9 ~~To S&A--Directs cancel shipt re t of~~ To NY cancellation shipment order covering 5 kw sets from NY to Charleston--5-2 Shipment	order 5:2 received back 5:13
244962	8/21	To NY	Radio sets purchased from NY Patents Exploitation Co. Directs retain at NY for further disposition. W
245178	8/7 8/22	Atlantic Communication S&A	Request be reimbursed for royalties on material furnished under requisition #10, covered by the Sait patents. W Fwd S&A--8/27

APPARATUS. 876

Number.	Date.	From or To—	Subject.	
✓ 245276	8/22	Amer R&B Corp	Motor boat sets; asks if test of their units cannot be made at once, without waiting for the shipment of Copely unit. W To—8/24	
244784	8/22	To Firms	In future will issue radio specs only to branch offices only on request from main of home office of branch. W Cutler, Hammer Co 8/23 Weston Co gives their interpretation 8/27	
245090	8/22	To NY To S&A—Reqt shipt of trans sets from NY to Yards. 8/23	Disposition of 50 1/2 K.W. Simon radio trans sets under reqn 558. W qTo S&A—Reqt shipt of trans sets from NY to Norf for M. Ships and Chasers. 8/22 To Yards—Fwds copy of above letter. 8/23	
670	8/22	New Orleans	Reports radio apparatus overdue and urgently required.	629
245525	8/20	R H Armstrong	Offers 2.2 MW sets for sale; submits photos. W To Eng Sd. Directs inspect. 8/24 Eng Sd submits report on sets of the Smith Cannery Machine Co 10/17 To Smith Cannery Mach Co—10/27	
232688	SEE CARD 130	NY fwds print showing assignment of type numbers to antenna switches, etc 8/25 To Yards—Re assignment of type numbers. 8/27 Natl Elec Signalling Co 8/27 Weston Elec Instr Co 8/28 Philis fwds prints 8/26 To Marconi Co—sts names plates to be attached to transmitters. 8/28 To Marconi—Fwds list of type numbers. 8/28	To Firms—Directs co-operate with Bu to fullest extent in regard to type numbers. 8/23 To De Forest Co—Assigns type number. 8/22 To Weston Elec Instru Co—Assigns type numbers to instruments. 8/24 To Yards—Assigns type numbers. 8/25 (See 245138—139) NY fwds prints with type numbers assigned 8/25. Weston Co relative to type numbers to be assigned meters 8/25 De Forest Co gives number will etch on glass tubes in future 8/27 descriptions, vandykes, photographs NY fwds vandykes 8/28	CARD 134

1917

APPARATUS.

Number.	Date.	From or To--	Subject.
✓ 243547	8/8	Fed Tel Co	Method of removing alcohol in kerosene supply from the switchboard: fwds duplicate blueprints.W To--Detailed comments on.8/28 Co 9/11
243843	8/13	Manhattan Elec Sup Co	Request be placed on list as manufacturers actually engaged as manufacturers of radio apparatus for government: states intend to make up samples for test.W To--8/31 Co 8/23 To--Gives action taken.9/1 To WASH--Instructions.9/1
224311		CARD 114	8/13 Manhattan Elec Sup Co fwdspint of their #77 radio buzzer 8/13 To Manhattan Elec Sup Co--Assigns type number to radio buzzer 8/20 Manhattan Elec Sup Co 8/21 Manhattan Elec Sup Co 8/23 To Manhattan Elec Sup Co--9/13
243545	8/14	To NY	Gives disposition of of trans sets, that are to be supplied various yards for install on chasers and vessels taken over. W To Yards--Fwds copy of above letter. 8/16 To S&A--(8) Regt shipt of radio apparatus from NY to Yards for chasers and merchant vessels. 8/17
✓ 243868	8/12	NY	Fwds miscellaneous radio vandykes.W

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 244027	8/15	~~Marconi Co~~	Contracts for radio equipment; gives list of material on hand and request payment for amount. W To S&A—Fwds above reqt for action. 8/16
✓ 244217	8/15	Wash	Fwds various radio drawings. W
✓ 244235	8/16	~~Amer BAR Corp~~	States will ship completed motor boat set next week; request ~~Cable~~ Co be directed to ship generators. W To—Reqd hold up test for awhile. 8/16
244031	8/16	To S&A	Reqd shipt of receivers from Wash to M. Is. W
To S&A—Reqd shipt of trans set from NY to Bar Harbor. 3/11		To NY—Lists radio sets assigned for stock at NY. 8/16	
5th Dist. Ask probable date of shipment of transmitters. W 3-31		To M. Is.—8/16	
To S&A—Reqd shipt of apparatus from Wash to Bar Harbor. 4/2		To S&A—Reqd shipt of receivers from Wash to NY. 8/16	
To Bar Harbor—Fwds Booklets. 4/16		To S&A—Reqd for amendment of shipping reqt. 10/22	
Shipment order 5-2 RB 5-4 S & A 5:21		To S&A—Reqd cancel order of 8/16. 12/17	
231427	SEE CARD 119	Shipment order 3:11 received back 7:3	
		To NY—Reqd fwd certain drawings to Bu. 8/20	
		See 231427-905.	
		To NY—9/15	
		NY (2 letters) fwds prints 10/1	
		To NY—Gives action on prints. 10/3	
		To NY—Instrns re alterations to prints. 10/15	
		To NY—Comments re errors in drawings. 10/9	
		NY fwds prints 10/20	
		NY 11/12	
		To NY—12/29	

ALBANY, N.Y. 876

Number,	Date.	From or To—	Subject.	
		To Yards & Firms—Assigns type number. 8/22	Sangamo Elec Co 8/21	Marconi Co 8/22
232688	8/14	SI CARD 132	To Amer R&R Corp—Fwds bulletin giving instructions re issue of type numbers to apparatus arrived as standard. 8/9	
		To Firms—Fwds copy of bulletin relative to issue of type numbers. 8/14	To Firms—Ditto. 8/9	
		To N. Baldwin 8/11	To Firms—Assigns type numbers to apparatus. 8/10	
		Weston Elec Instr Co 8/15	Century Telephone Construction Co 8/10	
		To Triumph Elec Co—Assigns type numbers. 8/16	To Yards & Firms—Assigns type number to apparatus. 8/11	
		To Firms—8/20	See letter of Aug 6 RB from Post 8/24	
		To N. Baldwin—8/21	To Firms—Assigns type number. 8/16	
243149	8/10	To Firms—Assigns type number. 8/21	Triumph Elec Co 8/13	CARD 132
		To Firms—8/10	Have recently made room for two trans sets complete. W	
✓ 243386	8/11	Manhattan Elec Sup Co	Instruction radio sets; quotes price of and request information relative to name plate data. W	
	To—8/5		To—Assigns type number. 8/21	
			Co reports shipment of 2 complete sets to Washn; will ship balance as per letter of Aug 21st 8/27	
✓ 243394	8/10	NY	Fwds 42 radio drawings. W	
✓ 243442	8/9	NY	Assignment of radio class numbers; recommends each yard be assigned 10 type numbers to cover various types of radio apparatus. W	
			To—Disapprs with comment. 8/20	
✓ 243308	8/11	To Wash	Expresses satisfaction over completeness of Yard radio report. (Crown to Wash Yd)	

1917

APPARATUS /

Number.	Date.	From or To—	Subject.
✓ 241838	8/1	To Yards	Norfolk 10/9
		Norfolk 30 kw high speed arc relay, resistance type; fws plan; report on operation of; reqt auth to manf 9/25	Instruction: regarding manuf of radio drawings from designs made in Navy Yards. W
		To Norfolk—Appvs manuf of 30 KW arc relay. 10/4	Pensacola request further information 8/17
✓ 237403	8/25	To Sec Treasury—(Sec Sig—Reqt NY Exploit Co be auth to deliver sets to NY free.	To Pensl—Gives information. 8/27 Norfolk - fws vandykes 7:30
		To NY Patent Exploitation Corp—Directs proceed with repairs to radio sets. 8/25	To S&A—Reqt shipmt of trans and rec sets from NY to Boston and Phila. 8/2
		NY fws inventory of apparatus of one radio set delivered by the NY Patents Exploitation Co 8/16	To NY—8/2
		To NY—Repairs auth. 8/16	To NY—Disposition of trans sets. 8/2
		To NY Patent Exploitation Co—Comments re results of tests of apparatus. 8/21	To NY—8/4
241797	8/3	To European Force	To S&A—8/4
			NY 8/14
			(1) Gives dates on which sets will be delivered 8/25 W
			Fws package containing descriptions of radio equipment of vessels. W
242129	8/3	Washn	Fws radio drawings. W
242166	8/4	F. Lowenstein	Fws miscellaneous radio plans. W
233638	8-13	NY	Fws type plan showing pneumatic tube for flag ship; battleship and scout cruisers. 738
231579	9/11	To NY—Fws prints.	9/13 To Western Elec Co—9/13 Fwd Sol—9/13
		CARD 119	RE from Dept (Bu and July 28); gives permission to establish 1/2 kw stations at New Haven, Conn, Montauk Point, Long Island and Barnegat, N.Y. 8/7
		To Western Elec Co—Re taking over station at Montauk Pt. 8/30	To NY—Re station at Montauk Pt. 8/10
		Report - (1) recommends radio set for New York Harbor 8/31 W	To S&A—Reqt shipmt of radio apparatus from Wash to NY for installation at various points. 8/14
		To New York (T)—sets will be shipmt Dept list. 9/1	Communications instructions for operating set erected at Bar Harbor Section Headquarters 8/21
		To Boston—9/5	
		To NY—Instrns. 9/22	CARD 138

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 242362	7/31	Federal Co	Reports on arrangements with GE Co to manufacture their arc sets in the East; also relative to prices, profit, etc. W To—Detailed comments on 8/6
242093	8/8	To New Orl 1/2 To E. J. Simon 9/12 To Yards To East 8/24 Boat 9/3 To E. J. Simon (T) 1st date of ship of set to East for Panama Canal 8/11 Simon (T) material shipped 8th 8/12	Instructions re reports. 9/21 Semi-monthly Radio reports to include a report of all radio trans. receivers, etc., actually on hand. W Norf-Pwds stock cards. 4:20 To Norf—Ask where 3 5 K.W. transformers were received from. 8/24 Reqt shipment of radio apparatus from Yards to Yards for Coast Guard Cutters.
✓ 242637	8/8	GE T	Requisition 435. 16 radio sets; request contract number. W To—(4) gives number. 8/9
242676	8/7	National Elec Sig Co	1/2 kw motor boat sets; intend to furnish; will be interchangeable with outfits on contract 30039, with exceptions noted. W To—Comments on 8/14
242604	8/8	To SEA 6	Reqt ship of radio apparatus from Yards to Yards for Chasers and merchant vessels. W To NY—Re disposition of transmitting sets for chasers. 8/8 To Wash—Gives disposition of receivers on contr 30115. 8/8 To SEA—Reqt ship of receivers from Wash to NY. 8/9 To Yards—Reqs copy of GE letter 8/10 To SEA—(6) Reqt ship of Receivers from Wash to Yards for chasers and merchant vessels. 8/10

APPARATUS: R&D. C.

Number.	Date.	From or To—	Subject.
~~241331~~	7/30	S&A	Directs Wash ship 2 radio buzzers to Norfolk
~~241365~~	7/30	Natl Elec Signalling Co	50 additional half kw radio sets for motor boatw; request contract and requisition number in order to secure earlier delivery of material.W
✓ 241251	7/30	To NY	Request for prints of radio telegraph. W NY fwds radio drawings 8/10
241485	7/27	Dept VOID	Copy of report of Board on Acceptance Trials of Dirigible A-235, contract 29259.Da
241284	7/28	Sperry Co	200 watt emergency gap transmitter; submits quotation and specifications.W
~~241545~~	7/31	Natl Elec Sig Co	Request formal contract covering 50 additional 1/2 kw sets for submarine chasers.W
~~241530~~	7/31	Amer R&R Corp	Reports motor boat direct current set will be in perfect condition very shortly; reports on distance test W To—Will test at Wash. 8/6

APPARATUS: 876

Number.	Date.	From or To—	Subject.
241450	7/31	To GE	Delivery of radio apparatus being manufd by GE Co for Fed Co. Re inspection of. W GE 8/17
241456	7/31	To ~~GE~~ Co	Lists corrections which will be made in Errata Sheet, giving corrections for arc specs. W
241707	8/1	Western Elec Co	Radio sets for motor boats; fwsd book of instructions; states book and key were both packed in spare part box. W
240176	7/31	To NY	Directs prepare plan showing and listing all apparatus which is to be installed in command tower. W To standard plans for installation of apparatus in battle radio room. Instrns in connection with modifications of. 7/31 NY fwsd vandykes 9/17 NY fwsd vandykes 9/17 To NY—Appvs drawing with modif. 9/28 NY fwsd plans 10/16
240521	8/2	To S&A 5	Reqt shipt of instructions sets from Wash to Ship. S. W To S&A—Ditto for Art Lakes. 8/3
241832	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241833	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241834	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241835	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241836	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241837	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241838	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241839	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241840	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241841	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241842	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241843	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241844	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241845	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241846	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241847	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241848	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241849	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241850	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241851	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241852	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241853	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241854	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241855	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241856	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241857	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241858	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241859	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241860	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241861	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241862	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241863	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241864	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241865	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241866	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241867	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241868	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241869	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241870	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241871	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241872	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241873	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241874	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241875	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241876	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241877	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241878	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241879	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241880	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241881	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241882	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241883	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241884	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241885	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241886	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241887	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241888	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241889	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241890	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241891	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241892	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241893	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241894	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241895	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241896	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241897	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241898	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241899	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn
241900	8/2	To S&A 5	Reqt shipt of instrn sets from Wash to ships. 8/21 To A. S. Kuhn

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APPARATUS.

Number.	Date.	From or To -	Subject.
✓ 238451	7/23	To Wash	Buzzer instruction sets. Atl Fleet. Fwds sketch, and ask if consider change recommended desirable. W
✓ 239868	7/23	To Pug Sd	Inspection of radio apparatus. Kilbourne & Clark Co. Directs keep in touch with company. W To Kilbourne & Clark Co—Fwds copy of above letter. 7/23
⁸⁰ 240789	7/23	Atlantic Communication Co	States will call at Bureau July 31st or Aug 1st. W
✓ 240537	7/24	Wash	Fwds report on test of Cutting & Washington's 6-volt emergency radio set. W To Cutting & Washn—notes report of test. 7/27
✓ 24 0544	7/20	Sperry Co	Short range radio set; relative to test of. W To—Reqd fwd sample to wash. 7/25
✓ 240543	7/2	Pug Sd	Fwds reports of test of effect of radio ap- paratus on standard ship compass. W (Cross to compass and gyrocompass) To—Directs fwd copy of report to Naval Observatory. Wash. 7/27 To C&R—7/27 NY fms additional vandykes 1-16 Bost 1-22

API RATUS. 876

Number.	Date.	From or To—	Subject.
✓ 240579	7/25	R. J. Simon	Fwds explanation in detail covering charges of royalty of \$100 per set to firms manufacturing 1/2 kw sets of his design. W
✓ 240206	7/25	To S&A 7	Reqt shipt of buzzer blinker radio sets from Wash to Yards. W To S&A—Ditto. 7/26 (3)
240544	7/25	To Sperry Co VOID	
240480	7/27	To Atl Communication Co	Tuesday or Wed of next week satis for conference with Bu. W Co Mr. Frank will be at office aug 1st for conference 7/30
240984	7/28	To Kilbourne & Clark Co	T Reqt quotation on eight 1/2 K.W. commercial radio sets. W Kilbourne & Clark Co (T) quotes price and time of delivery 7/28 To—(T) Gives action 7/30
241152	7/23	H. T. Cottam & Co	Offers radio sets for sale. W To New Orl—No use for. 8/2
✓ 241018	7/28	To NY	Drawing of standard plan of bridge radio station. Instrns in connection with modifi of. W NY fws vandykes 9/17

APPARATUS.

Number.	Date.	From or To—	Subject.
239035	7/17	E. J. <u>Simon</u>	States is now in position to duplicate order for 50 120 volt and 10 80 volt 1/2 kw radio transmitting sets; quotes price.W
239256	7/18	<u>Natl Elec Sig Co</u> T	Quotes price for 1/2 kw radio transmitting sets, Simon type.W
✓ 239481	7/19	<u>Fed Tel Co</u> T	10 20 kw arc radio transmitters; request instructions whether to ship by freight or express.W Fwd S&A—7/21
✓ 239532	7/11	E. J. <u>Simon</u>	States has mailed proposal for 60 radio sets to NY and submits information relative to prices quoted.W To S&A—Rec accept of proposal.7/20
✓ 239674 ~~239649~~	7/20	<u>Marconi Co</u>	States shipped to Phila 4 1/2 kw radio sets of cargo type; quotes price.W To S&A—Recommendations re payment. To 11/24 To 11/26 To—Referred to S&A.11/23
239649	7/18	Bost	Request be furnished with radio report paper as per sample.W To West—Rept fwd.7/24 To—Give actn on.7/24
239712	7/20	NY	Booklets of Marconi 2 kw and Lowenstein 5 and 2 kw.W

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 239697	7/20	Wash	Radio prints; fwds.W
✓ 239765	7/3	3rd Nav Dist Supt	Trench and buzzer sets manufactured by the Western Elec Co; reports on test of.W Fwd Marine Corp—7/21 RB 8-13 ~~Marine Corp 8/13~~
✓ 239982	7/20	National Elec Sig Co	Submarine chaser radio sets, additional; confirms telephone conversation and price.W To—quotes advance copy of reqn.8/3
✓ 239922	7/20	Marine Corps	Spare parts for radio set, Phila Advance Base; request.W To S&A—Reqd ship of apparatus from Wash to Phila for Marine Corps.7/28 To—Gives action.7/31
✓ 239994	7/18	NY	Fwds radio drawings.W
✓ 240000	7-6	Federal Tel Co	Rel to specification for arc radio set.W
✓ 240000	4-24	Federal Tel Co	Extract for laboratory report on dummy antenna for testing high power naval sets.W
✓ 240202	7/23	Marconi Co Personal	Request Lt Comdr Hooper meet a representative at Shoreham on the 25th. for conference.W

APPARATUS.

Number.	Date.	From or To—	Subject.
238006	7/11	Fed Tel Co Personal	Relative to visits to Sayville and New Brunswick .W
238152	7/12	Manhattan Elec Sup Co	Request specifications covering elec equipment, in connection with manufacturing.W ~~To Comments on 7/17~~ ~~Co reports sending sample receiver~~ ~~to Wash for test 8/13~~ ~~To Wash—Directs test apparatus.8/14~~
238162	7/10	Kilbourne & Clark Personal	Simpson leaving New York for Seattle, in connection with transfer of office.W
238389	7/13	Adams-Morgan Co	Gives equipment of their factory and requests be given opportunity to bid on wireless apparatus.W
238392	7/11	Manhattan Elec Sup Co	Cole transmitter; states have taken over rights to manufacture; states has one and request representative inspect.W
238441	4/14	Cutting & Washington	(Personal) Fwds table showing readings taken from their apparatus.W

APPARATUS. 876

Number.	Date.	From or To—	Subject.
218353		CARD 105	Atlantic Communication Co request be paid actual cost for transmitters sold to the Department at half price 7/14 To Atl Com Co—7/23
✓ 238638	7/11	Marconi Co	5 kw Navy loading coils and oscillation transformers; reports error in Navy drawings. W To NY—Calls attention to error. 7/24
✓ 238923	7/7	Elliott Elec Co	Request drawings, and specifications of radio sets in connection with furnishing. W
238905	7/16	NY	Fwds vandykes of binding posts used on loading coils and condensers; request switchboards, etc. W To—Comments on. 7/28
	Radio Test Shop recommendations 9/7		To Yards—Request recommendations in connection with stop ordinals 7/30
	Chasn 9/7		Phila 8/28 East 9/1/30
	M. Is 9/6		Are preparing reqn for 25 buzzer instructions
	NY To NY—12/31		Will fws new drawings in a few days. W
✓ 238501	7/16	To Manhattan Elec Sup Co	Co states started manufacture of 25 buzzer instruction sets 7/17
	Fwd Wash—7/28 RB-8/3		Co request instructions relative to securing paint 7/23
	To—Instrns re painting boxes. C/3		Fwds specs and drawings for apparatus which is in standard use in the U.S. Naval Service. W
✓ 238772	7/16	To Major Henri Abraham	
✓ 238760	7-14	Marconi Co	Rec that Mr. Hill and Mr. Clark make periodic visits to the Dept. for technical setting, estimate points and securing more prompt delivery in To—7/18

1917

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 236703	7/3	Wm. B. Duck Co	States in position to furnish wireless apparatus. W Co request reconsideration and that they be given radio business 7/12
236755	7/3	NY	Fwds vandyke showing alteration B connection, diagram, 5kw sets. W
✓ 236926	5/24	Fed Tel Co	Fwds vandyke covering apparatus on requisitions 223 and 436. W To NY—Fwds with instrum. 7/3 NY fws drawings 7/20 NY fws corrected vandyke 7/24 To NY—Returns Vandyke. 8/6
237386	4/7	Radio Division	Approved list of radio firms. W
237403	7/7	Paul C. Schnitzler	States there are 23 1 kw Telefunken commercial radio sets in warehouse formerly used by German Standard Oil Co; states can be repaired and turned over to government if desire to purchase. W Report on inspection. 7/20 Schnitzler 7/25 To—7/25 CAFD 129
✓ 237403	7/7	To Sec Treasury—Sec Sig—Req infor re procedure to follow to secure radio sets. 7/28 Treas Dept fws copy of letter to Collector of Customs 7/31 To Wash Wash fws prints 8/20	Rept insp of RW 315 and RW 26P 316 to E. W Wash fws photographs 8/1 To Wash—Rept fws desired prints. 8/8
✓ 237567	7/7 To 8/14	Marconi Co	Request type number be assigned to apparatus under contract, specially the one-half kw submarine set. W Marconi Co 8/8

APPARATUS. 876

Number.	Date.	From or To -	Subject.
237779	7/10	Liberty Elec Co.	States are in position to manufacture all kinds of radio apparatus up to 2 kw transmitting sets. W
237915	7/11	Pug Sd - R	Request authority to purchase radio equipment to be used in training personnel of Nav Res for duty on chasers and patrol boats. W T o--(T) Grants auth. 7/12 Fwd Navgn--7/13
220897		ADDA CARD 112	
		To Nav Intell--8/14	Crocker, Wheeler Co reports receipt of letter from American Gas Accumulator Co for prices on motors 7/10
		To F.B. Perry & Sons--8/14	Fwd Nav Com--7/12
		Crocker, Wheeler Co request permission to quote R. Straasburger 8/16	To Crocker Wheeler Co--No objection. 7/14
		Frank B. Perry & Sons 8/16	To Nav Com--Fwds copy of corres. 7/14
		Fwd Nav Com--8/17	Electrode Mfg. Co fws reqt for apparatus from G.S. Johnson and W.D. Detz. 7/12
		To Crocker Wheeler Co--8/17	To Electrode Mfg. Co--No objection to furnishing infor. 7/20
		To Crocker Wheeler Co--8/20	To Nav Com--7/20
		Dist Supt NY 8/11	To Nav Intell--7/20
		To Nav Com--8/22	Crocker, Wheeler Co asks if will object to selling McCaa Radio Co some motor generators 7/24
		Fwd Nav Com--8/24	To Crocker Wheeler Co--7/27
		Council of Natl Def fws corres with Amer Gas Accumulator Co 8/28	Frank B. Perry & Sons reports inquiry from Mexico for radio blinker sets 8/1
		Fwd Nav Com--9/5 RB 9/10	Crocker, Wheeler Co asks if any objection to quoting Motor Boat Co of Japan 8/7
		To Eitara Yokoyama--9/7	Crocker, Wheeler Co reports receipt of inquiry from Mexico for radio generator 8/7
		To Nat'l Elec Sup Co--9/7	To Nav Intell--8/9
		Fwd War Industries Bd--9/12	Crocker, Wheeler Co Harry H Shotwell; request authority to quote 8/9
		Crocker, Wheeler Co has request from W.S. Taylor 10/1	To Crocker Wheeler Co--8/10
		Crocker, Wheeler Co have request from H.B. Diers 10/3	Electrode Co 8/6
		To Nav Intell--Fwds copy of above reqt. 10/5	To Crocker Wheeler Co--8/13
		To Crocker Wheeler Co--No objections to quoting to Taylor. 10/5	Crocker, Wheeler Co request authority to quote to C. H. Menke 8/14
		To Crocker W	
		heeler Co 10/6	

CARD 140

APPARATUS.

Number.	Date.	From or To—	Subject.
235484	6-25	Marconi Co	1/2 kw and 2 kw sets; confirms telephone conversation rel to early delivery.W To—Acknowledges. 6/27
L 235635	6/26	Western Elec Co	Relative to radio sets for motor boats; changes in, etc.W To—Assigns type number. 7/10
V 235797	6/27	NY	Fwds prints of inductance coils, wheel type, for one kw radio transmitters.W
235763	6/27	To Cutting & Washn T	Spark frequency 6 volt set approx 375. Ask when set is with set collected. W Cutting & Washington (T) expect to be in Washington July 5th with one 6-volt set 6/28
235897	6/28	McCam Radio Co	Reports delivering 1/2 kw set NY for test; does not conform to Navy specifications; states if not acceptable to Bureau, request whatever test Bureau desired to make be expedited and set returned.W To—Acknowledges. 7/2
235856	6/28	To General Radio Co Washn Yd--fwds report on low power buzzer transmitting set submitted by the General Radio Co.W To--Submits report re inter-fleet transmitting set. 11/24 To--Proposal calling for 20 sets. Data specs for. 11/26	Small trans set. If have set available, reqt to Washn Yd--Instrns re test. 7/28 Gen Radio Co states will submit set for test from lot being made up for Signal Corps 7/5 To Wash--Instrns in connection with test. 7/18 Wash fwds report of test submitted by Gen Radio Co 8/1 To Gen Radio Co--8/16

APPARATUS.

876

Number.	Date.	From or To—	Subject.
✓ 236095	6/29	To GE	Fwds specs for power and auxiliary apparatus for use with arc sets. W
✓ 236348	6/30	Fed Tel Co	Fwds vandykes covering list of parts comprising one arc radio transmitting shipping set, 20 and 30 kw. W
✓ 236350	6/21	M Is	Request specifications for arc radio sets, in connection with inspection, etc. W
✓ 236371	6/27 6/30	Wireless Equipment Co NY	Request be placed on list for bids for wireless apparatus. W Fwd NY—5/3 -
✓ 236246	6/30	To Bost	Requests for drawings listed. W Bost fws prints 7/7
✓ 236247	6/30	To Harf	Ditto. W
✓ 236350	6-21	M Is	Req. specification of the ship arc radio transmitter. W To—Fwds specs. 7/8
✓ 236540	7/2	Director Communications	Fwds correspondence from M. Moore submitting a device for rebuilding vacuum valves for radio station. W To M. Moore—Comments en. 7/7

Number.	From or To	Assigns type number to entering insulator.	8/9	Natl Elec Sup Co 8/10
✓ 22668	To Fed Co—Assigns type number. 8/6 To Yards & Firms—Assigns type number To apparatus. 8/6 To NY—Instrns. 8/7 To Yards & Firms—Assigns type numbers. 8/7	22668 CARD 120	✓	To Industrial Controller Co—Instructions as to just what information should be given in Inspection Report. 6/16 Natl Elec Signalling Co will forward data as soon as matter is straightened out 6/21 Industrial Controller Co 6/20 Marconi Co 7/11 20 or 30 kw arc sets; gives dates on which shipments will be made from factory. W Fwd S&A—6/21
✓ 234369	6/15	Fed Tel Co		CARD 130
✓ 234433	6/19	Marconi Co.		Reports \$147,000 worth of materials of Navy contracts on hand June 15th W
✓ 234406	6/19	To M. is.		Remodelled 1/2 K.W. Marconi Panel Transmitters. Reqt Vandykes and prints of. W To—Ask when plans will be fwded. 8/21 M is fws prints 8/30
232788	6/18	Wash		Reports on test of receivers from W. J. Mardock Co. W Wash reports on test of Electro Importing Co's buzzer 6/18
234674	6/20	D. Sarnoff	T Personal	Can supply 7 commercial 2 kw sets, commencing delivery within 4 days. W
✓ 234691	6/18	Elliott Elec Co	VOID—see overam	Underground receiving system; fws sketch. theoretical discussion. W

APPARATUS. 876

Number.	Date.	From or To--	Subject.
234681	6/18	Elliott Elec Co	Rwds catalogue of their standard radio instruments. W
234692	6/20	Western Elec Co	Calls attention to their S size vacuum tubes, used with wireless sets for motor boats. W To ~~submit~~ ^{submit} price 7/9. 6/22 Go submits price 7/9
234690	6/20	Western Elec Co	To Wash. Directs make reqn for mat'l. 7/23 Parts were for 1/2 kw motor boat sets; quotes prices, requested requisition 351. W
234753	6-21	E. J. Simon T	Can reduce price on one kw set on contract 670; gives delivery dates. W
234956	6-19	Sperry Co	Reports Production and Engineering Dept separated; believed improvement will result. W To ~~acknowledges~~ ^{acknowledges} with comment 6/21 To ~~suggest~~ ^{suggest} communicate with MI. 6/27
234731	6/20	To Grt Lakes	Makes allot for equipment of laboratory for work with underground radio system. W To Bu standards Directs Grt Lakes one aluminum thermo couple. 6/20
235114	6/22	Natl Elec Signalling Co T	Reports price and condition of 2 kw sets for emergency use. W
234956	6/22	To Sperry Co TOLL	

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 233336	6/7	Bost	Reports issue of audion bulbs, amplifiers and mica condensers.W
199131		CARD 94	Atl Fleet fnds report on test by the PENN. & SEATTLE.6/11
✓ 233511	6-9	NY	Reqt specification for radio installation on battleship.W To—Miss Stevens.6/15 Fwd CAR—6/15
✓ 233696	6/12	Marconi Co	Request be advised requisition numbers on contracts listed.W To—Gives information reqtd.6/19
✓ 233799	6/13	Wash	Report on test of 1/2 kw Kilbourne & Clark impact type transmitter receiver.W To Kilbourne & Clark Co—Submits report of test on.6/22
✓ 233806	6/14	Crocker, Wheeler Co	Fnds copy of letter from Dodge Institute of Telegraphy and Wireless Instruction, requesting certain information; as & if shall furnish.W To—No objection.6/19

APPALMUS. 876

Number.	Date.	From or To—	Subject.
✓ 233650	6/14	To Norf	Two blueprints specimens "Specs for Arc Type Transmitters". W
✓ 233655	6/14	To SEA	Rept that execution of contrs vased of SE Naval Emergency Reqsns 47, 48, and 50 be executed. W SEA reports status of 6/22
✓ 233905	6/13	Wash	Reports on test of 2 kw Kilbourne & Clark indirect type transmitter and receiver submitted for test for use on Naval auxiliary ships. W To Kilbourne & Clark Co. 6/13. Above report. Detailed recommendations. 6/28
✓ 233862	6/15	To Norf Rvd Phila 7/2 RB 8/7 T	Rept details of status not already chg NY which was assigned manu and arranged norf Norf 6/20 answered this morning by letter 6/20 Rvd NY 6/22 6/22
✓ 233881	6/15	To M. Is.	Requesting copies of special reports listed. W M Is this report of investigation of flux densities of 30 kw arc oscillators 6/26
✓ 233892	6/15	To NY	Rept. privs of photographs as listed by NY this photographs 6/22
✓ 234007	6/12	E. J. Simon	1 kw panel radio sets: gives details of new set; quotes price; recommends be tested. W To—request from Phila 6/12 to Phila 6/13

APPARATUS.

Number.	Date.	From or To--	Subject.
✓ 232060	6-5	Ward Bernard T	Reqt duplicate copy of specification and names of successful bidders on schedule 1215-1/2 and 1213-1/2. To--Gives info reqtd. 6/8
351	6/5	To Firms	Directs Elva Copley Co info in regard to where they should deliver power units for 1/2 K.W. motor boat sets. WR
232347	6/6	NY	Fwds prints of vandykes of jig for cutting molding spokes for 4 kw inductance coils. W
✓ 232346	6/6	NY	Fwds photographs of insulators, relay key, etc. W
✓ 232318	5/19	R. ... Messenden (Personal)	States now in position to furnish apparatus of his own invention; states in position to furnish heterodyne and make prompt deliveries. W
✓ 232319	5/12	Fed Tel Co	Fwds proposals for 20 and 30 kw sets on reqn 436. W
✓ 232335	6/6	To Western Elec Co	Reqt proceed with construction of a sample 20 K.W. ship set for test by Bu. W Co reports on present status of work; states Federal Co adverse to licensing Western Elec or any other company to construct sets under their patents. W To--Acknowledges. 7/16

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 232356	6/6	To Fed Co T	Cancels reqt that Fed Co establish factory in East. Have made other arrets. W
✓ 232365	6/6	To Marconi Co	Visit to Bu Thursday will be satis. W
✓ 232676	6/6	Sperry Co	Quotes letter from H. Veeder and states Mr. Sperry will be in Washington June 8th or 9th. W
✓ 232731	6/8	National Elec Signalling Co	Request data in order to submit bid on 1 kw sets, 500 cycle, quenched gap type. W
✓ 232617	6/8	To Phila	Standard plans. Lists drawings and reqts Vandykes of instrns re fwding other Vandykes to Phila. W Phila fwds 319 radio prints 6/27
✓ 232998	6/6	Wash	Fwds prints showing resistance unit amounting for shunting key contacts. W
✓ 232688	6/9	To Marconi Co. To Firms	Assigns type number to 1/2 K.W. motor boat sets on reqn 351. W
SEE CARD 200	To Cutting & Washn—Re omissions in production report. 6/15	To De Forest Co. 6/12	De Forest Co. fwds instrns and vandykes 6/12
✓ 233094	6-9	To Loenstein—Instrns re reports. 6/15 NY	To De Forest—Instrns re reports. 6/15 Fwds standard prints for radio installation on new Battle cruisers. W To—Reqt more information. 8/3 NY fwds plans 8/18

917

APPARATUS.

Number.	Date.	From or To--	Subject.
231 046	5/29	Fed Tel Co T	States doing all in power to meet government's wishes; representatives will call Washington to bring about better understanding.W
231271	5/29	Elliott Elec Co	Request specifications covering radio equipment.W Elliot Elec Co reqt action 6/8 To--Arreys makes for needs at present.5/30
231315	5/22	Newport	Request certain radio apparatus for instruction purposes at training regiment.W To--Comments on.6/2
231059	5/31	To Firms	Reqn for 300 1 K.W. trans sets will be issued shortly. Gives copy of reqn, with detailed comments.5/31 To S&A--Reqt companies listed be notified of mistake in above letter.6/8 To Firms--Corrects.6/8
231524	5/29	Atl Flt	Radio instruction set on WYOMING; suggestions for improvement.W Fwd Wash--7/23
231589	5-28	New Haven Naval Reserve Reqt	Reqt two kw radio set be assigned.W Fwd Nav Com--6/7 RB 7/21 Fwd Navy Com--7/10 RB 7/16 Fwd S&A--7/18 Fwd Dept--7/26
231427	6-1 6/1	Force Third District. S&A Fwd. S&A 6/23 To NY--to states in drawings.6/11 To NY--Instrns.6/11 To NY--Fwds prelim set of prints.7/21 To NY--Fwds preliminary prints of with comment.6/21 To--Ask when wave change can be completed.7/5 To--Fwds blueprint with comment.7/6 NY 8/2	Design of 1-KW radio frequency trans apparatus. Instrns re proceeding with work. Ask when sample set can be submitted. All NY expect working model to be completed June 28 6/16 To NY--Detailed instrns re assembling parts etc 6/19 To NY--Reqt reply.7/18

CARD 129

CARD 131

APPARATUS. 876

Number.	Date.	From or To--	Subject.
231428	6/1	To Fed Co	Fwds blueprints instrns RE 15A 101A, re assignment of type numbers to apparatus constructed by commercial companies. Lists apparatus forming arc transmitters, and reots comment.W Fed Tel Co 6/7
224319		CARD 113	Sperry Co will submit data in short time 6/1
✓ 231358	6/2	To Bost	Specs for radio transmitters. Fwds.
		Phila states enclosures not received	Directs issue in printed form. W
		Bost submits comments 6/22	Not specifications for radio transmitters;
		To Phila - blue print specs	lists typographical errors, etc, and re-
		as per 6/15	visions recommended 6/9
		Phila submits detailed comments 7/3	W IS (T) n specifications received; request
		6/2	duplicate 6/14
		To S&A	Reqt reqn for radio transmitter be doubled. W
			CARD 130
✓ 231855	6-1	Wash	Fwds list of shipment orders for radio
		To - Unnecessary to fwd reports in	apparatus not filled.W
		future. 6/26	Bost Yard - 5/26.W
			Wash 6/9 Wash Yd 6/23
✓ 231489	6/1	To Fed Co T	Portion relay key and absorbing circuit condenser rack may be interchanged. W
✓ 231861	6/4	To B.P. Lambertson	Gives information re delivery of radio sets, and Lambertson relay key. W
✓ 232044	6-2	STANDARD Radio Apparatus Co	Reqt specification and opportunity to furnish their radio apparatus.W
			To - Comments on 6/5
			To Washn - Instrns re test. 6/8

1917

APPARATUS.

Number.	Date.	From or To—	Subject.
229438	5/19	National Elec Signalling Co	Request permission to open their shops to take moving picture films of manufacturing of radio apparatus. W
229248	5/19	To Manhattan Elec Sup Co	Re award of proprietary reqn for ten instruction sets for radio operators. Lists specs in reqn. W To—Re sets. Lists necessary changes to sets. 5/24 Co 5/31 To—Gives action. 5/9
229549	5/18	Electro-Set Co	Request opportunity to bid on requisition for radio apparatus. W To—Arrgs made for future purchases. 5/23
229584	5/22	To Wash	Reqt 12 sets of Vandykes of drawing RW 101 LOIC be fwded to M. W Wash fwds vandykes 5.24
229819	5/16	U.S. Patrol Force	Request information as to radio equipment on vessels of patrol force. W To—Fwds. 5/25
229683	5/22	To Sperry Co	Re negotiations of Fed Co relative to manuf of arc radio transmitters in factory of Sperry Co. W
229810	5/23	To S&A	Reqt shipt of trans. set from Pug to M. Is. W

APPARATUS. 876.

Number.	Date.	From or To—	Subject.
230017	5/17	M Is	Submits list of old radio apparatus turned in at M Is. W
229709	5-17	Ocean Park S. B. Co	Reqt opportunity to bid on radio apparatus and air crafts. W To—arrgts made for. 5/25
229683	5-21	Sperry Co	Fwds copy of letter from Federal Telegraph Co. rel to mfg of their radio apparatus in East. W
230400	5/26	To NY	Radio apparatus—Standardizing on types of motor generators, quenched gaps, etc. W
230694	5/23	Kilbourne & Clark Co	States Mr. Simpson will visit Bureau on the 28th. W
230706	5/26	To Fed Co	Reqn 436. Believes can make delivery of sets within four months if take advantage of Govt backing. W
230730	5/28	To S&A	Reqt shipt of receiving sets from Wash to Phila. W To S&A—Ditto for NY 5/28 To—Ditto for Bost/ 5/28 To S&A—Six shipt reqts. 5/29
230762	5/28	To S&A	Changes in point of delivery of radio apparatus from NY to Bost. W

Number.	Date.	From or To—	Subject.
227496	5/9	To Firms	Assigns the number to be stamped on sets of sets being manu on reqn 361. For 1/2 motor boat sets. F. Lowenstein T. will report 19th. 5/14 Charleston - Recommendations relative to Nashville
227715	5/9	GE To GE Co--Comments. 6/1 GE fws prints of nameplates 625 to GE Co--7/20	Name plates for radio apparatus: fws blueprint showing. To GE Co--Via Insps--Gives action on. 5/15 GE request further information relative to name plate drawings 5.29
227949	5/4	Marconi Co	Fws sets of instructions covering half kw. 500 cycle. commercial panel set. W
227945	5/11	NY	Request copies of prints listed. W To--Fws specs for radio install on battleships, battle flagships and battle cruisers. 5/15
227933	5/3	Marconi Co	Submits list showing what prices of commercial set of 1/2 kw and 2 kw standard panel sets. W
227296	5/11	To Yards	Assembly of parts of radio apparatus into emergency sets. Detailed instrns. W Norf rect shipment instructions. 5/21 Norf request action 6/27 To Norf--Gives action. 7/5
227732	5/11	To S&A	Rect shipt of motor generator and trans from Norf to NY for assignment. W To--Rect shipt of apparatus from Norf to Boston for assignment. 6/11 To S&A--Ditto from Norf to Phila. 5/11 To NY--Instrns. 6/14

APPARATUS: RADIO. 876

Number.	Date.	From or To—	Subject.
✓ 228117	5/12	NY	Reports forwarding F size sheets tracing cloth to Bureau.W
228116	5/12	NY	Request location of flag officer's battle station.W To C&R—Reqt location of. 5/22 RB 6/15 To — Gives info re reqd. 6/21 Fwd C&R—6/21 RB 7/26 Fwd Dept.—8/1 RB 8/17
227865	5/12	To Firms K&C Co submits description and detailed ~~cost~~ estimates 5/23 To Firms—Further inconnection with original letter. 5/29	Bu will shortly issue reqn for 500 trans sets and 500 receivers. Reqt proceed with preparation of bids. Lists detailed specs.W To — Further in connection with. 5/15 To — Further comments. 5/17 Kilbourne & Clark Co. (T) submits price for 200 transmitters 5/23
✓ 228336	?	Henry N. Rubel	Request Navy purchase his radio set.W To — 5/17
✓ 228786	5/17	To Phila	Reqt Vandykes of switchboard drawings be fwded to Bu. W Phila fws prints. 5/19
228937	5/17	NY	Fws 50 copies of radio drawings W
✓ 229174	5/11 5/18	ILLINOIS Ati Pitt	Recommendations for fitting ships with auxiliary radio rooms.W

APPARATUS.

Number.	Date.	From or To--	Subject.
✓ 224629	5/5	Marconi Co.	Request cash advance when possible in connection with their handling large orders W To--5/10
206701	5/10/31	SEE CARD 108 S&A arc receiver received Sept 5th 1916 6/14 (See 223542-205-8) Ports asks when hot wire ammeters will be supplied 9/22 Fwd Wash--9/26 Wash 10/23	To S&A--Reqt ship of port receiving set from Wash to ALBANY. 5/8 To S&A--Reqt ship of Portella receiving set from Wash to ALBANY. and cancel reqt of 5/8. C/8 To NY--Reqt return of corres. 5/21 NY returns papers 5/24 Fwd S&A--5/28
224124	SEE CARD 113		To Pearl Harbor--(2) Install Geier auth. 5/4 M. Is R submits est for installation of on San Francisco LIGHT VESSELS. To Dept Commerce--Gives action taken. 5/23 Is lists apparatus from the Geier turned into store for shipment to Pearl Harbor 5/18 Detailed contents on radio device brought to Bu attention. W
227082	5/8	To P. F. Banholzer	
227058	5/9	To S&A--R	Reqt ship of receiving set from Chasen to Wash for repairs. W
227135	5/9	To S&A	Reqt ship of trans and receiving set from Wash for Disp. W
227290	5/8	To Firms	Re proprietary reqn for an instruction set for radio operators. Clivity Wash. W

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 22562	5/1	Cutting & Washington T	Will have sample 2 kw set in Washington May 10th W
225585	4/30	To Pug Sd T	Reqt Infor re radio sets which Kilbourne & Clark Co have ready for immediate delivery. W Pug Sd (T) Kilbourne & Clark recommend procedure to secure apparatus conforming to Navy requirements 5/1
225677	4-30	Nav. Intel.	Quotes from French Nav Attache, requesting information relative to radio sets on submarine chasers 652
225585	4/30	To Pug Sd T VOID	Reqt infor re any 2KW or 1KW sets which
225924	5/2 NY 6/4 action Fwd S&A 6/29 Fwd S&A 5/29	To S&A S&A 6/25 (2 letters) reqt S&A relative to expediting delivery of radio material 5/16	Reqt contract in connection with reqns listed be expedited, as all apparatus urgently needed. W To—Reqt copies of contrs. 5/19 S&A reports action taken to expedite (2 letters) Necessary to have a source of supply of radio apparatus on Atlantic Coast. Ask whether company can establish factory conveniently near East Coast, or make arrangements with some other company to handle manufacturing of Fed Tel Co (T) will advise later 5/9
✓ 225925	5/2	To Fed Co	

APPARATUS. 876

Number.	Date.	From or To—	Subject.
225953	4/14	M Is	Radio Apparatus Co have 25 sets can install on motor boats; quotes price.W To--Have made contracts for needs.5/5
225998	4/28	Kilbourne & Clark T	Gives quantities apparatus can supply.W
226100	4/30	NY	Bu SE requisitions 17, 22, 15, 178 and 179; relative to non receipt of contracts by Bu; reports in detail on.W
226164	5/3	Federal Telegraph Co.	20 & 30 KW snip arc sets - requisition 223, 236 gives dimensions of wave loading coil W
226174	5/3	Federal Telegraph Co	Relative to deliveries of 30 & 20 KW sets for Wash yard W
226319	4-30	Kilbourne & Clark CARD 113	Date of delivery set will not interfere with delivery of two kw sets.W To Marconi Co-- To Firms--Advises number of 1/2 K.W. radio sets, which are awarded to, lists specs for. 5/3 Marconi Co - 5/1 Wireless Specialty Co 4/30 Kilbourne & Clark 4/30 W To Nat'l Elec Sig Co--Advises or number of sets, which are awarded to. Lists specs.5/4 E. J. Simon if rheostat required, will increase price \$10 per set 5/5 To Sperry Co--Re development of satis To Corley Sig Co--5/5
National Elec Sig Co T asks who received award. 5/8 Marconi Co states price quoted does not cover furnishing line voltage, controlled rheostat 5/7 To E. J. Simon--5/10 To Nat'l E.S.Co--Material can be ordered for sets. (T) 5/4 To Marconi Co--5/17 To Sperry Co--Re development of satis low power buzzer outfit.5/29			

APPARATUS: RADIO

Number.	Date.	From or To—	Subject.
✓ 224678	4/25	Naval Intelligence <i>Activity</i>	Fwds copy of address on radio telegraphy to be delivered before Rotary Club. Chief Fwd Nav Intell-4/30
✓ 224994	4/25	NY	Fwds drawings W To NY--Gives action on 5/19
✓ 225000	4/25	NY	Fwds radio drawings. W
224311	4/21	Manhattan Elec Sup Co	Request reply to their letter of Apr 10, requesting report on their removable contact point telegraph key. W
To NY--Not rec'd report on 5/10 to info confer with Mr. Moore if of keys. 5/10			NY Fwds report on test 4/28
✓ 224080	4/25	To S&A	Radio buzzer blinker instrns. Instrns re distribution. W
✓ 224945	4/14	F. Lowenstein	Requisition 14. 25 motor generator equipments ordered from Ports; asks where remaining 5 to be manufactured. W To--Instrns re ordering. 4/27
✓ 224946	4/24	F. Lowenstein	6 2 kw sets, motor generators, to be Crocker, Wheeler and voltage to be 80 volts. W
✓ 224987	4/25	Cutting & Washington	Changes in 1/2 kw motor boat sets satisfactory with exceptions; comments on Bu's changes desired. W To--Comments on 4/30 To Wash--Directs test apparatus. 4/30
Wash states apparatus received in defective condition; unable to test. 5/12			
✓ 225078	4/27	To NY	Fwds copy of blueprint specs for 1/2 K.W. motor boat radio sets. W

CARD 131

APPARATUS: RADIO 876

Number.	Date.	From or To—	Subj.ect.
225088	4/27	To Bost	1/2 KW motor boat sets. Bu has ordered delivery of 60 sets from Cutting & Washington. If first sets do not comply with specs, directs notify Bu at once.
✓ 225089	4/27	To NY	1/2 KW submarine chaser sets, delivery of. Gives number of, and direct upon receipt of communicate with Bu relative to accept tests.W
✓ 225330	4-26	NY	Fwds radio drawings.W
✓ 225408	4/27	Marconi Co. To—Comments on. 5/25	2 KW ~~engine~~ engine driven and emergency sets. Asks waive lengths to be used W To—Comments on. 5/5 Marconi Co Submits est. 5/12
✓ 225527	4/28	NY VOID SEE 224311-876	High frequency buzzer and key submitted by Manhattan Elec Supply Co; fwds report on test.W
✓ 225572	4/30	Cutting & Washington T	Quotes price on motor boat sets.W
✓ 225573	4/30	Lee De Forest T	Makes appointment for himself and representative of Elec Spec. Tuesday morning.W
✓ 225664	4/30	Sperry Co	Fwds print of new layout of half kw motor boat sets; also assembly wave changer and submits specifications.W To—Lists modifications to prints which should be made. 5/15

1917

APPARATUS: RADIC.

Number.	Date.	From or To—	Subject.
✓ 223781	4/19	Sperry Gyro Co T	Gives dates commencing delivery of motor boat and aeroplane sets. W
✓ 223786	4/19	Marconi Co.	Have order for 5 K. W. set from Mexico
		To Gives info from State Dept. 5/3	Asks if can inform party that Government
		To Dept. Reqt further info. 5/7 RB5-11	prefers not to ship W
		To Sec State (Sec Sig) Gives action	To Sec State (Sec Sig) Ask whether radio
	on 5/12		are permitted to Mexico. 4/21
			State Dept. - States shipments from this country
			limited by the physical appliances is not per-
224000	4-13 4-17	Scientific Amer. Dept	Development of arc system article by Federal Telegraph Co. Reqt auth to pub/ with photographs. And War Com--4/25
224112	4/21	To F. Lo-unstein	Re several sent for 500 radio trans. Bu hopes can say's price and delivery will be such that they can handle 100 at once.
✓ 224124	4/21	To H. Is.	Next number of trans set complete which can be assembled from separate turned in at H. Is.
		To (T) Instrs re assembling sets	M Is (T) will report later 4/26 SEE CARD 115
		for ship. 5/4	M Is (R) reports in detail on condition of
		To SNA - Shift reqt of trans set for	sets 5/4
		Ceter. 5/6	reless Specialty Co. - unable to bid 4/30 W
		Cutting & Washington quotes 5/1	can supply 50 additional sets 5/2 W
		CARD 115 (T) E. J. Simon	re reqt for 100 1/2 K. W. 500 c. - no time
224319	4/23	wireless imp. Co.	radio sets. Reqt details on before to details
		quotes price 4/28 W	are reless. Lists specifications to sets 5/5
		Copely Mfg Co States has sufficient	To Firms--Photo. 4/26
		engines to carry out order for 75	To Firms--Corrections in above letter. 4/26
		additional sets. 4/28	To Copely Mfg Co--Gives information re require-
		Nat. Elect Signal Co. quotes 4/27	ments submitted to firms in circular letters. 4/27
		Cutting & Washington (T) quotes	E. J. Simon is expediting 4/27
		price 4/30	Nati Elec Sup Co quotes price and fwds
		Sperry Co have to en up question	sample set 4/28
		of obtaining auth to manf appd	equipment in order to secure additional equipment for the government 5/1

APPARATUS: RADIO. 876

Number.	Date.	From or To—	Subject.
✓ 224635	4/19	Hayler & Cunningham Elec Co	Fwds bulletin covering their 2 kw radio apparatus. W To—Comments on 5/26
✓ 224636	4/24	Sperry Co	Cutting & testing - the experiment between two fields re of cutting & testing spark gap by Sperry Co etc. "
✓ 224637	1/24	R. Lowenstein	To report for radio sets similar to 50 or 100 1000 L3 system.
224581	4/13	C.V. Logwood	Requests co-operation in connection with development with his system of locating hidden R stations invisible antenna wires, etc W
	4/17	Hon H.W. Johnson	To—Requests further details of 4/28
	Logwood 5/11		C.V. Logwood fwds plan and schedule 4/30
	Logwood fwds sketch 5/17		Fwds catalogue of their radio apparatus W
223788	4/18	W.J. Murdock	To—Comments on 5/12
✓ 224832	4/24	Copely Mfg Co	Half kw sets; fwds print W
✓ 224660	1/25	To Sperry Co	Submits report on sample 1/2 H.M. radio set under exam 351, with rec re improvement. W
✓ 224661	4/25	To 351	Report shift of radio trans set from RT to test for disconnection W
✓ 224662	1/25	To 351	Ditto to Norf. W
✓ 224663	4/25	To 351	To Norf. Ask disposition of trans set. 9/27 Norf reqt disposition 11/8 Ditto to 351. W

CARD 148

APPARATUS: RADIO.

191

Number.	Date.	From or To—	Subject.
✓ 223032	4/12	Radio Test Shop, Wash	Report on preliminary test of Sperry 1/2 kw transmitter for use on submarine chasers. W
222920	4/12	ditto	ditto on De Forest and Cutting. W
220897	5/15	To Marconi Co. 5/15 Marconi Co 5/25 Marconi Co (6 letters) 5/15 CARD 109	Marconi Co (2 letters) 5/17 Marconi Co (3 letters) 5/8 Marconi Co. lists 5/11 E. J. Simon gives list 4/16 Marconi Co. ditto 4/16 General Radio Co states do not manf complete sending or receiving set 4/17 Gen Elec Co gives data 4/13 To Nat'l Elec Sup Co--Acknowledges letter April 17/17 To E. J. Simon--no letter of ltrh. 4/19 Marconi Co gives radio call letters of certain vessels 4/23 Fed Tel Co lists outstanding contracts 4/18 Marconi Co lists new Business contracted for 4/25 NY fws plans 4/21 NY prints were forwarded on the 21st 4/24
223120	4/17	Fed Tel Co. Status of work at Cav- ite, Pearl Harbor, San Diego. 4/21 Marconi Co. 4/25 Sperry Co 4/26 Marconi Co 4/26 To Sperry Co--4/30 To H	Co-ordination plan. Change in letter assigned to Chas. W
✓ 223123	4/17	To Chas	Fws copy of revised b/p plans for s/r. Filed type radio set: for motor boat use. W
✓ 223124	4/17	To Amer R&R Corp	Ditto. W
✓ 223126	4/17	To Nat'l Elec Sup Co	
220897	ABOVE	Crocker, Wheeler Co fws request from the William H. Dunwoody insti- tute for information on radio apparatus	Crocker, Wheeler Co request authority to sell apparatus to H.D. Betz 5/26 To Crocker Wheeler Co--No objection. 5/27 To Nav Com--5/27

RADIO 876

Number.	Date.	From or To—	Subject.
✓ 23129	4/17	To F. Lowenstein	Encls latest Vandyke of drawing showing Navy Rotary Spark Gap; also drawing showing shunt motor for use with rotary gap. W
✓ 223268	4/14 void	Coast Guard	Forwards steaming data - offers cutters M
✓ 223266	4/11 Fwd Wash-7/20 Atl Fit 7-2	Washington Fwd Wash-7/20	To Wash - A. J. W. recommendation 8/3 RB 7/28 RB 7/28 Atl Fit 7/28 Fwd Wash-8/2 Arc receiving circuit improvement in. CARD 133 Forwards report H To Atl Fit - submits certain points, and reqts comment on 6/27 M is 7/28
✓ 223272	4/11 Best reports on test of special circuit for radio receiver 7/7 Phi A recommends circuit be standardized for 1918 designs of receivers 7/16	Cutting & Wash	quotes price - 1400 on any quantity over 50 W
✓ 22400	4/18	To Dale-Ray Corp	Fwd blueprint specs for set, listed to a radio set for motor boat use. W
✓ 22402	4/18	Fwd Tel Co	Best complete list of spare parts for vandykes sets. 4/18 Fwd Tel Co fws schedule of approximate cost of spare parts 6/6 To Wash - fws copy of list furnished by Fed Co. 7/12
✓ 223623	4-17	NY	Fwd Tel Co fws list of spares for arc converters 5/23 Co will submit approximate cost of spares 5/25 5 kw loading coils; fws vandykes. W
✓ 223493	4-18	Myers, R. M.	Asks data on 1/2 kw radio sets. W To - Can. not furnish specs. 4/28
✓ 223416	4/18	To NY T	Directs report number E K. W. sets now on hand including 80 volt sets. W NY gives number unassigned 4/19 (T)

APPARATUS:

1517

Number.	Date.	From or To—	Subject.
✓ 222469	4-13	EveryDay Engineering	Request to be advised when radio bids are opened. W To—Arts & Ide. 7/17
222439	4/13	To W. H. H. Co. Comments on.	1/2 K.W. Radio transmitter. Five copy of
4/16		Wireless Spec Co 4/21	request for substitution of a fixed resistance for variable capacitor. W Wireless Spec Co submits proposed construction for half kw sets, field rheostat 4/16
✓ 222460	4/13	To Fed Co	Alpha substitution of gas seal for the motor seal in future sets. With use of a series magneto coil. W Fed Tel Co suggestions 5/21
✓ 222479	4/12	To Cutting & Washington	Directs to call General Radio Co type of wireless r. set to fulfill all conditions. 1/2 K.W. submarine chaser sets. W
✓ 222475	4/13	To Cutting & Washington	Detailed comments on 1/2 K.W. submarine chaser set submitted.
✓ 222611	4/12	F. Lowenstein	Has a request from party for 5 kw set; request Bureau's desire relative to his furnish- ing any for concerns other than the government. W To—Comments 7/17
✓ 222661	4/14	To GE Co	Make blue prints of means for antenna wire, flexible silicon bronze. W

870

Number.	Date.	From or To—	Subject.
222662	4/14	To Bost	Reqt vandykes of drawings of radio Bost fnds drawings requested April 14th. 4/21 Bost (No date) prints forwarded April 21st. W
222667	4/14	To Western Electric Co	For portions of blueprint sheets for arc transmitters, as listed. W
222758	4/14	To Wireless Spec Ap Co	Directs Wash. delivery of two helium tubes for Co tubes were shipped by special delivery on the 16th; not yet received 4/23 To—Reqn has been prepared for. 4/26
222920	4/11	Wash Laboratory To City & Co. W. Co To City & Co. Washington—Submits report. 4/20	Preliminary inspection of a half kw Western Elec transmitting receiving set. W To Western Elec Co—quotes from test of 1/2 kw. trans and rec set, submarine chassis type. 4/20
222994	4/16	To Bost - T	Directs report number half k.W. panel radio Bost (T) none available 4/16
222979	4/15	NY	Fnds booklet of drawing instructions for 5 kw quenched spark sets. W
222040	4/10	NY	Fnds vandykes of radio plans. W
223118	4/5	11 Flt	Detailed report on radio material from various flts; also additional comment by the C-in-C. W

Number.	Date.	From or To--	Subject.
221925	4/10	To Firms	Send copy of revised b/p specs RE 12A 117B, simplified type radio sets for motor boat use. W
221929	4/10	To Fed Co	Fwds b/p specs for RE 13A 113A, arc type transmitters. W
221916	4-10	Wireless Spec App Co	Asks for copy of contract covering 25 sets awarded to them. Fed 333-4/11
221999	4-10	Manhattan Elec Sup Co	Reports submitting samples of contact point telegraph key, high note buzzer, etc. to NY. W To NY--sent info re tests re 37.4/23 NY have been forwarded to Bureau 4/28
221951	4-9	Specialty Sales Co	Request orders. W To--arr. to already made. 4/11
221379	3/19	Atl Flt	Upper deck radio house and certain voice tubes approved for TEXAS and ships to be fitted as flagships
222154	4-11	C&R	BS and battle cruisers; radio standard plans; recommendations Fwd Navgn--5/14 RB 5-31
222157	4-7	Marconi Co	Quoties price on small sized sets for motor boats. W

132-6

APPARATUS: 876

Number.	Date.	From or To—	Subject.
222183	4-6	Moorehead Laboratories	Request specs, prints, etc. and opportunity to bid. To—Will fwd in the time. 4/12 Moorehead Laboratories request specifications 8/27
222906	4/2	To E. Löwenstein Phone	Re reducing price of 2 K.W. sets. W
222394	4-12	May, RP	Request specs. W. To—Arrts already made. 4/17
222411	3-30	DeForest Co.	Quotes prices on light adapter plugs of dielectro. W To—Does not desire purchase of plugs. 4/12
Phone	4/6	Sperry Co	Re time when sample 1 1/2 K.W. chaser radio set might be expected at cash for test.
Phone	4/6	Marconi Co	Re prices of different sizes gaso gasoline engine sets, panel radio sets, etc., with view to placing proprietary reqn for.
Phone	4/4	Norrf	Re advisability of omitting overload devices from hand starter and automatic starter of 2 K.W. self-cooled gens.

A. PARATUS

Number	Date	From or To	Misc
220897	4/5	To F.W's	1) Natl Elec Sig Co submits report 4/11 Ask number of all outstanding contracts for radio sets, with Govt, private firms, foreign Govts, no number of sets and date of delivery of each contract. Natl Elec Sig Co lists contracts for radio apparatus on hand and times of delivery: CARD 152 expect to have a new four story factory ready within 90 days 4/5 Next conferences with Bu be between 9:30 and 12:00, and that they be to the point as much as possible, in order to conserve Bu time. W
220898	4/5	To F.W's	1) Natl Elec Sig Co submits list of 4/11 Ask number of all outstanding contracts for radio sets, with Govt, private firms, foreign Govts, no number of sets and date of delivery of each contract. Natl Elec Sig Co lists contracts for radio apparatus on hand and times of delivery: CARD 152 expect to have a new four story factory ready within 90 days 4/5 Next conferences with Bu be between 9:30 and 12:00, and that they be to the point as much as possible, in order to conserve Bu time. W
221139	4/5	To Norf	Radio apparatus, omission of overload feature on hand, and automatic starters. Next comment and recommendation. Nor omission desirable 4/10
221582	4/5	To Asst Secy	List data for French Naval Attache, re radio for patrol boats. W
221503	4/5	To Marconi Co	Rest quotations on fifty 5 KW radio sets, and two 5 K.W. sets, in accordance with detailed specs listed. W
2214 05	4/5	Marconi Co	Confirms telephone prices for 100 half kw, 30 2 kw, 52 5 kw and 2 5kw transmitters and gives time of delivery and numbers of Navy drawings to be used. W

APPARATUS. 876

Number.	Date.	From or To—	Subject.
221354	4/5	Dept	Copy of letter to Aeronautic Wireless Division (William Russell), relative to test of a radio communication between aircraft and motor boats.W
221181	4-4	Re defaulty welding. 4/28 Cutting & Washn	Request GE Co. be asked to use care in completely welding tungsten sparking faces of gap terminals.W
221236	4-4	To GE Co.—Re t use care. 4/10 To GE Co.—Re t use care. 4/10 Cutting & Washn reports method of detecting spots where tungsten was not properly welded to copper 4/24 NY.	GE Co. submits data 4/18 Fwds radio white prints.W Fwds vandykes of terminals list 4/10 NY—fws vandykes as per request letter of April 10th 4/17
221489	4-5	Wireless Spec App Co.	Request aide in expediting delivery of copper strip from American Elec Wks.W To—Fwds copy of despatch to American Elec Wireless Co material will be shipped prior to April 18. 4/14
221529	4-5	Sperry Gyro Co T	Sample motor boat set shipped to-day to Washn.W
221502	3-31	Cutting & Washn To—Gives action taken. 4/7	Have ordered copper strip from Hungerford B&C Co Request Bu have delvy expedited.W To Hungerford Brass & Copper Co—(Sec Sig) Reqt material be expedited. 4/7
221501	4/7	To Aero Lia	Semi-monthly report, not given drawing number. Directs proper number be added to original and new prints fwsd to all yards, ships, etc. W
221715	4-7	NY	Fed Co. arc sets; fwsd instructions and drawings covering those on cont 784.

APPARATUS.

1917

Number.	Date.	From or To—	Subject.
220376	3-27	Nat Elec Sig Co	Asks if apparatus to be supplied on reqn 351 should include compartment for audion detector; <u>W</u> Wds print (not recd). To—Gives information reqtd. 4/2
220444			
219044	3-16	Director Nav Com	Copy of letter to American R&R Co. stating their station will not be closed; required for test purposes in connection Govt contracts. <u>W</u>
220539	3-31	American R&R Co	Fwds photos of shops and reports on recent extension; can accommodate more business than Navy is giving. <u>W</u>
220610	3-29	Institute Radio Engrs	Asks if article by Alendersen, on Duplicate Radio Telephony is to be considered confidential. <u>W</u> To—Adv. sable to keep secret. 4/3 To—Recd. 4/17
220123	3-27	DeForest Co	Fwds prints on re-adaptor plugs Dilecto. <u>W</u>
220634	3-22	Marconi Co	Asks if they are to purchase detector bulbs and audion control box from DeForest Co. in connection with their cont on reqn 351. <u>W</u> To—Will not equip with audion apparatus. 4/3

APPARATUS

876

Number.	Date.	From or To.	Subject.
206701	To S&A—Shipt reqt. 4/30 RB 5-14 CALD 103 Rvd NY—4/14 RB 4-25		DELEWARE shipping short wave receiver to Wash Yd 4/16 To S&A—Reqt shipt of ultraulion from UTAH to Wash for dis. osition. 4/2 To S&A—Reqt shipt of receiver from UTAH to Wash for dis. osition. 4/7 CO. MONING 1/10 WYOMING 4/23
220822	4-4	Standard Radio App Co T	Located Ocean Park, Calif; gives capacity for supplying sets for submarines. W To—Arqts already made for purchase. 4/7
220786	3-19	Western Elec Co T	Quotes price on lots of 15 radio sets; original price quoted on lot s of 25. W
220825	4/3	To Fed Co T	Reqt price and delivery for ultra coil adjusting coil, absorbing coil and wave chamber. W Fed Co (T) quotes price 4/6
220973	4/4	To Marconi Co	Rvd a copy of blueprint specs. for 1/2 K. motor coil radio sets. W To Triumph Elec Co—Ditto. 4/4
221041	3-30	Manhattan Elec Sup Co	Has complete stock of radio apparatus at NY store. W
220963	3-12	Gunner D. McWhorter	Submits sketch of proposed type radio practice set for use. W

ALPARATUS.

Number.	Date.	From or To—	Subject.
✓219824	3/27	To NY T	Report number half K.W. panel radio sets available with assignment. W NY (T) gives number of half kw radio sets in store unassigned and list of those assigned to the H and O boats 3/28 To--Radio sets assigned to H Boats, reassigned for installation on THORNTON DE LONG DANLEIGH and TINGEY. 3/31
219888		CARD 106	Wireless Improvement Co request schedule covering 3/23
198475		SEE CARD 84	To Bost--Directs proceed with manuf of 5 distant control systems auth. and add'l system for Great Lakes. Also directs fwd certain plans to Bu. W 854

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 219968	3/28	To Fed Co	Fwds portions of arc speens RE 13A 113A, also prints of drawings listed. W
Reserve Mat 2	3/28	Fwd S&A	Radio sets. Rec award to Marconi Co. WR
Reserve Mat 1	3/28	Fwd S&A	Rec of award for radio sets. WR To S&A—Rec award of 25 sets to Wireless Specialty Apparatus Co. 4/1
✓ 220172	?	Monfort. IM	Offers to sell Rhumhorf coil. W To—Acknowledges. 4/1
✓ 220168	3/30	Emil J. Simon T	Cannot secure delivery of ~~rad~~ generators from Crocker Wheeler in time to deliver 30 sets in 60 days; request Bureau's assistance. W To—Crocker Wheeler Co will supply info. 4/3
✓ 220278	3-29	American R&R Corp	Fwds description of radio sets for motor boats; have not yet received contract covered by reqn 351. W
✓ 220328	3/30	To Atl Flt	Fwds plan of radio buzzer instruction sets. Bu preparing supply for instruction. W
	4/18	Atl Flt	At Flt reqt plans; 1-4 Plans satisfactory - requests sets be expedited W Atl Flt fwds print 5-2

APPARATUS

1917

Number.	Date.	From or To—	Subject.
✓ 218924	3/21	To S&A	Reqn for 135 1/2 K.W. Radio sets, add'l. Reqt action be taken to have bids submitted by March 27th. W
✓ 218933	3/21	To Wireless Spec App Co To E.J.Simon To Marconi Co.	Crocker Wheeler Motor generators will be required for 135 1/2 K.W. sets. Bids to be opened March 27th. W Simon lists switchboard instruments will furnish if Weston Co unable to furnish instruments specified on contract in time 3/26
✓ 219074	3-14 3-19	DeForest Co R letters	1/2 kw sets for submarines chasers; rwd's prints; gives detailed info. W
✓ 219075	3-17	Cutting & Washm T	Reuest dimentions of antennae for motor boat sets. W.
✓ 219275	3-22	NY	1/2kw radio sets; reuest instructions re chang- ing wave lengths. W. To--Instrns. 5/30
217877			Wash Report on test of sample radio sets submitted by the Wireless Improve- ment Co 3/23
		VOID SET 217866-876	
✓ 219454	3-23	Marconi Co	Request specs of all apparatus forming part of tenders since Jan 1. W

APPARATUS: 876

Number.	Date.	From or To—	Subject.
219298	3-19	Higgenson, Gibson Co	Are equipped for supplying various radio units. To—Arrgts made for supply. 3/30
219416	3-24	Lowenstein, P T	Request assistance in securing early delivery of Crew machine from Warner Swasey Co. W To Warner Swasey Co—Quotes above tele. and rents on radio material. 3/26
219584	3-24	NY	Reports forwarding booklet of instructions for 5 kw Lowenstein set to 7 yards; 2 letters. W
219616	3-23	Thompson, RE	App Reports severance Wireless Spec Co. W. To—Acknowledges letter. 3/24
219494	3-21	Reboul, TT	Offers 1/2 kw set to Navy; Clapp Eastham. W To—Acknowledges. 3/27
219646	3-21	Enterprise Elec Co	Are in position to build 50 radio sets; asks specs. W. To—Arrgts made 3/30 Co acknowledges; asks if any opportunity for elec work on chasers. 4/3/15 rec'd back 7:1 To Co 6/5 3-1. NY Was book of instructions for Simon 1/2 kw set. W.
219872	3-27	NY	
219808	3-26	American Tel Type Co	Washn Regn No 1: agrees to manufacture 150 1/2 Kw sets for wireless Imp Co. W
219808	3-26	Wireless Imp Co—Acknowledges. 3/30	
219808	3-26	EJ Simon	Auth Wireless Imp Co. submit bid on his app. W
219808	3-26	Wireless Imp Co.	To—Acknowledges letter. 3/30 Will bid on Simon App mfg by American T Co W CL ED 107

APPARATUS.

Number.	Date.	From or To—	Subject.
217715	3/13	To Cutting & Washington	1/2 K.W. sets, conform specs RE 13A 114B. In lots of 5, 10, and 15. Detailed comments re requirements. W Cutting & Washington gives description in connection with 15 half kw sets, bids to be opened March 27th 3/26
218116	3-13	DeForest Co	Lists 500 cycle apparatus in stock slightly used; and quotes price.W.
218177	3/15	To Dept	Reqt auth to establish appvd list of manufacturers of radio apparatus. W
218225	7-14	Wireless Spec App Co	Fwds copy of minutes of Board Dir ctors severing John Firth connection with that company. Gives future mailing address.W To--Acknowledges letter.2/17
218215	3-15	John Firth	Reports severing connection with Wireless Spec App Co.W To--Acknowledges letter.3/19
218353	3/14	Automatic Communication (Atlantic)	Have negotiated sale of 1 kw sets to Siemens Co, Buenos Aires; sets are in bonded warehouse; period expires Apr 7; will either have to pay duty or reexport; asks if Navy objects to proposed sale.W To--Reqt Bu representative be allowed to inspect set.3/19 Atlantic Com Co arrangement for Mr. Hill to examine; states price will be increased at least 20 per cent if Dept cannot arrange to pay duty 3/21 Atl Com Co request action 3/27 Atl Com Co (T) request action 3 29

CARD 125

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 218387	3/17	Fed Tel Co T	General Elec Co state specification for power machinery received from Bureau differ from power machinery specifications in new arc specifications furnished Fed Co.W To—(T)Specs similar except elaborated on to include 17,43C, which referred to previous specs. 3/17
✓ 218514	3/17	To Phila	Vandykes of all contra prints should be fwded to NY for numbering under the co-ordination system and for distribution to various yards. W
✓ 218680	3/19	Fed Tel Co T	Do 30 Kw arc sets for ship use have transmitter with 10,000 meter maximum wave on .003 antenna.W To—(T)Gives maximum. 3/20
✓ 218484	3-16	Norfolk	*wds vandykes of contractors descriptive covering controller apparatus from Cutler Hammer, reactances from Marconi Co.W.
218664	3/20	To Yards	Annual contracts, covering radio stock material. Directs submit reqns for material to be purchased on annual contract to be submitted at an early date. W NY detailed recommendations 5/16
✓ 218963	3-20	NY	Radio photos; including CAMPION, Fire Island, and light ship: wds.W. To—Instrns. 3/27 NY Fwds corrected numbered photograph to as reqd in letter of Arch 27.4/28

APPARATUS: RADIO. CONTINUED FROM CARD 104

Number.	Date.	From or To.	Subject.
217866		APPARATUS: MOTOR BOAT TYPE: REQUISITION 351.	
	3/21	Crocker, Wheeler Co T	First lot generators will be ready 35 days from date.W
	3/21	Crocker, Wheeler Co	Will endeavor to expedite deliveries.W
	3/22	Amer R&R Corp To--(T) Cannot rec inc price account supplying Crocker Wheeler generators. 3/24	Offers to supply Navy standard type of receiver and aero thrust and Crocker-Wheeler generators in lieu of Bendee bid on.W
	3/22	To Wireless Spec Ap Co	Acknowledges letter March 19th. Notes representative will call at Bu. W
	3/28	Amer R&R Corp	Western Elec Co refuse to expedite delivery on condensers unless informed by Navy Dept same are military necessity 3/28 To--refer to have Dubilier protective devices on sets. 4/4
	3/23	Wash	Report on test of sample radio sets submitted by the Wireless Improvement Co .W
	4/2	To Wireless Equip Co	Submits report of tests on trans sets. W
	4/3	Wireless Equipment Co	Additional data on sample sets submitted.W To--4/21
	4/7	Amer R&R Corp	Difference in price between Dubilier and another condenser.W
627 to 634		See these contracts, covering.	

629

APR 1933

Number.	Date.	From or To—	Subject.
217089	3/6	To E.J.Simon T	NY will loan 1/2 K.W. if is available. W To E.J.—(T) Auth loan. 1/8 E. J. Simon's auto set still required W Fwd NY via SEA—5/8
217377	?	Standard Radio App	Reports entering into radio field; apparatus designed by former Marconi Engineer; solicits business. W
216233	SEE CARD 103 To Fed Co—(T) Comments re contract. Req. be advised when contr executed. 3/15		To Fed Co—(T) Comments. 3/10 Fed Tel Co (T) submits 2 arrangements on which they will furnish sets: actual cost plus same profit as last year or will furnish at a flat price quoted 3/13 Fed Tel Co(T) will execute proposals and fwd immediately; are ordering all material and equipment necessary 3/17
217526	3/10	To Cutting & Washington T	1/2 K.W. motor boat radio sets. Understand firms intend submit Pomo engine, available for immediate delivery. Directs comply minimum weights specified. W
Bu 351	3/10	To Firms	Lists changes to be incorporated in specs RE 13A 117A. WR
217725	3-9	Clapp, Eastham Co	Request be given opportunity to submit bids for present requirements. W

APPARATUS: 876

Number.	Date.	From or To—	Subject.	
217866	3-12	Sperry Co	Gives description of apparatus, motor boat type covered by bid on reqn 351.W.	
	3-12	Wireless Ensign Co	ditto To--Will furnish results of tests. 3/15 Fwd Wash--instrns. 3/15	
	3/12	De Forest Co	2 letters.W To--Reqs sets be standardized. 3/20	
Rec'd 3/15		Amer R&R Corp	To Crocker Wheeler Co--Reqd delivery of generators be reduced to less than fifty days. 3/19	
"		Natl Signalling Co	Fwd S&A--Detailed rec of award on reqn 351. 3/19	
	3/14	Cutting & Washington		
	3/14	Western Elec Co		
	3/14	De Forest Co	Request authority to order first lot of generators for motor boat sets from the Elec Spec Co on account of quicker delivery than Crocker-Wheeler.W	
	3/17	Natl Elec Sig Co	Relative to high price quoted; states was based on assumption overtime and rush work would be expected 3/17.W To--Acknowledges letter. 3/17 (Asst Sig) Request print, specns, etc for radio receiver and portable field radio transmitters. etc. To--Fwds copy of b/p specns. 3/26	CARD 104A
217902	3-13	DeForest Co		
217903	3-13	American R&R Corp	1/2 kw sets: re-uset plans and specns.W To--Fwds specns RE 13A 114B. 3/16	
217921	3-11	Cutting & Washn Co T	Representative will arrive Monday.W	
209134	12/8	Washn	Fwds semi-monthly radio report and drawings To--Appvs drawings. 3/13	

APPARATUS:

Number.	Date.	From or To—	Subject.
215928	2-24	NY	Marconi Co request be placed on list for all revised specs. w To Marconi Co--ends specs of panel radio sets. 3/2
215411	2-20	TO Phila	Manufacture of inductive shunts for use with ship; submit plans and est for mfg 20.W Phila cannot complete experimental work before May 1st 3/9
216099	2-27	Beekman, RA T	Request complete copy specs for arc sets. 7. To--Gives requirements. (T) 3/1
216233	3-1	To--(T) Ask if material for 20 30 K.W. sets been ordered, and est delivery. 3/9 Fed Tel Co T	SEE CARD 104 Proposals for 7 20W and 5 30 kw sets; reqn 223; will be higher than last lot; suggests Sweet check up costs in connection with quotation. w. Co (T) actual loss of material furnished at old prices \$10,000 on one order; revision absolutely necessary. 3/10 Co if port aids in securing material can promise delivery starting 8 days, complete in 90 days; orders not definitely placed (T) 3/10 To S&A
215977	3/27	To S&A	Revised prices on account of inc in material; agrees to renew license agreement old terms 3-7 To--(T) Gives Bu understanding of prices. 3/3 To S&A--Reqt shipt of three 2 p.w. rotary spark gaps from Phila to Ala. 3/10
206701		To CONN--Audion amplifier will be retained 3/23 SEE CARD 99	To WYOMING SO CARO CONN DELAWARE OKLA Phila--Appvs standard radio and receiving equipment. 3/1 To S&A--Reqt shipt of apparatus to above ships. 3/1 To ALABAMA FLORIDA ARKANSAS UTAH-- Appvs standard radio and receiving equip. 3/2 To S&A--Reqt shipt of apparatus to above ships 3/2 To Indian Head--Reqt comment 3/1 re: as to whether standard for antenna on battle ships should be the same as for Navy yards. 3/2 UTAH 3/17 ARKANSAS 3.21 CARD 108
		DEL 3-13 CONN 3-11 SO CAR 3-12 PHILA 3-12 CHLA 3-12 To NY--Detailed comments re revision of drawings. 3/17 To OKLA--Add'l short wave and long receiver will not be furnished. 3/21 To S&A--Reqt shipt of receiving sets from SO CARO to Wash. 3/21 To NY--Instrns re install of radio equipment on IDAHO. 3/22	

876

NE-0120

(over.)

APPARATUS.

1917

Number.	Date.	From or To—	Subject.
214646	2-10	Washn	Fwds radio drawings.W.
214657	1-26	Margoni Co	Reorganization of engineering force to permit them to devote more time to engineering wrk.W
214731	2/14	To M.Is. T	Reqt rec on revision arc specs. Lists methods recommended for varying flux for different wave lengths.W M Is recommendations (T) 2/16
214449	2/14	To Yards	Revision of specs for shore station equipment. Reqt recommendations.W To Atl & Pac Flts--Ditto. 2/15 Atl Flt 2/26
214450	2/15	To Firms To Gen Elec Co--Fwds p/p spec of panel radio transmitters 2/7	Revision of specs RE 13A 111C, RE 13A 112H, RE 13A 114B, and RE 13A 115B. Reqt rec and criticisms.W Lorenstein 2/15 De Forest Co 2/15 Gen Electric-- 2/23 Nat'l Elec Sup to comments on 2/23
215007	2-16	V.Brown T	Asks if James B Miller formerly Wireless Instrument Co. has visited Bu since Jna 27; To--(T)Not known. 2/16
215037	11-27	To S&A	Reqt cancellation BUSE Shipmt order #215037.W
215008	2/16	To Fed Co	Reqt rec, requiring arc direct current gen from a group of windings, rated for 5000 volts, continuous service and 1/10 microfarad mica protective device installed.W Fed Tel Co (T) recommends against microfarad condensers with protective devices; insulation for DC wire 1500 volts in lieu of 5000 suf-

APPARATUS. 876

Number.	Date.	From or To—	Subject.
215061	2/17	Fwd Wash	Chief of Operations directs that field radio pack equipment be furnished Office of Nav Intell. Auth loan of. and lists material to be assembled. W 3-16 To Operations--Have auth loan of. 2/17 Fwd Nav Intel--4/9 RS 1-14
215087	2/17	To Panama Canal Com	Fwds 2 copies of blue print specs for 1, 2, 5 and 10 K.W. radio transmitters.W
215316	?	Fed Tel Co	Comments on new arc specs.W. To--Comments on criticisms and questions. 2/23 Fed Co personal; supplementary letter on memorandum on new arc set specifications 3/8
15297	2/19	To De Forest Co To Nat'l Elec Sup Co.	Fwds copy of blueprint specs RE 13A 107A, for simplified type low power oscillion radio sets.W
215381	2-13	M. Is	Submits list of material desired for radio stock at yard.W To--Bu has no printed Rept. Form 134 M. Is are forwarding insulator drawings 5/14
215481	2-20	Supervisor NA	Now are receiving catalog. 3/6 M. Is porcelain insulators required are standard G. E. stock; reqt be added to stock list 3/13 KANAWHA; CUYAMA; and at least 4 colliers of JASON type should be fitted with high powered radio sets.W Fwd Dept via C&R--Rec a pyl. 5/26 RS 3-9 Fwd Dept via Operations. 5/10 RS 1-7
215675	2-21	DeForest Co	Request b/p and specs for high powered oscillion sets proposed for submarines.W
215481	2-21	ABCVE	C&R copy of action taken. Norf, NY and Bos 4/27 To Norf--Instans re installations on various vessels. 1/9/18 To NY--Instans re install of gen sets on PROTEUS & JASON. 2/27 To LY--Instans re install of gen sets. 5-5

APPARATUS

Number.	Date.	From or To--	Subject.
✓ 213345	2/3	To NY	Reqt plans and sets for manuf of eight 5 K.W. Navy Type. wave changers with loadin. coils complete. W NY submits estimate and plan 2/16 To--Directs manuf for stock. 4/6 To NY--(1) Reqt other sets. 4/7 NY submits estimate 4/12 To--Directs sets. 4/13
✓ 213674	2/6	To Fed Tele Co T	Reqt infor re delivery each set contr 784, 119, 120. All sets required military emergency. W Fed Tel Co (T) status of delivery; reports 2/7
✓ 213515	2/6	To Atl Flt To Norf--Reqt reply. 5/17 To Norf SEE 229840 5-22	Reqt infor as to specific battleships not at present equipped with an auxiliary radio room. Atl Flt lists ships not equipped with auxiliary radio rooms and recommends locations 3/15 To Norf--Reqt reply. 5/17 To Norf SEE 229840 5-22
✓ 213763	2-5	McClintic, Hon JB	Request list of radio stations and data on radio experiments be sent to O. Wood. W To--No literature available for distribution. 3/12
✓ 213900	2-7	NY	Have received request from M.I.s for F size sheets; request action on stock list submitted Feb 3. be expedited. W
✓ 213957	2-5	NY	Fwds description 1/2 kw sets furnished by Wireless Imp Co. cont 19921. W

ALPARATUS

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Number.	Date.	From or To—	Subject.
214053	2/9	To S&A	Reqt shipt of one wave meter oscilliometer from NY to Wash. W
✓ 214361	2-12	NY Personal	40 1/2 ke sets; recommends division of award among 3 companies; suggests Western instruments be specified for. W
✓ 214429	1-10	Fed Tel Co Personal	20 and 30 Kw sets; Honolulu, San Diego; direction finder, etc. W
✓ 214365	2-5	Pac Coast Supt	Request be placed on mailing list for semi-monthly radio reports. W To—Fwd copy of and places on list. 2/15
✓ 214520	1-26	Washn	Radio & paratus required to fill H.18 stock allotment; reports inability to of Washn to furnish; request instructions. W Fwd Wash--2/15 '33 2-23
✓ 214525	2-11	NY To--Directs obtain drawings from Mr. Simon and fwd to Bu. 2/17 Simon fws prints of new wave charger to apply to contract 28896 NY fws print showing type of wave charger. To E.J. Simon	Reports on EJ Simon coupling compensator on 1/2 kw sets; cont 28106; recommends against acceptance and that this device be not considered on future bids. W To E.J. Simon--Contr 187 and 28896. Directs fwd drawings with comment to NY. 2/17 Thermo couple not satis for further adoption in service. W Simon asks if Bureau desires to furnish thermo couples of their manufacture 2/16 To--Comments on. 2/19
✓ 214553	2/15		

APEX RATUS.

Number.	Date.	From or To--	Subject.
✓ 211796	1-13	M.Is	Distant control for radio shore stations; fwd's set of plans.W
210865	STE CARD 99		
	To NY--Ask if have sufficient infor on hand for booklets. 3/10		To Phila--Norf--Bost--NY--Directs fwd plans and descriptive mater of radio sets to NY. 1/18 Phila states data will be forwarded to NY Jan 25 1/22
	NY fwsd booklets of 5 kw Lowen- stein sets; will ship set now undergoing test to Bath 3. 21		Norfolk data will be forwarded to NY by Feb 12th, with certain exceptions 1/23 Bost plans and descriptive mater will be forwarded to NY and Bu Feb 10 1/24 Bost fwsd plans 2/10 Norf fwsd plans 2/13
✓ 211880	1/18 To Federal Tele Co To--T) Reqt. 1/18. Will be expedited. 2/18		Reqt plans and descriptive matter on 200 K.W. arc radio set being supplied for San Diego. W Co will send information at an early date 1/23 Reqt Co overall dimensions plans fwded Feb 2. 18. wiring diagram for power machinery will be mailed March 3 3/2 (T)
✓ 211961	1-15 Hallborg. Expert Aide 1-18 Norf		Request authority to publish article on "Primary wattmeter method for determining loss in frequency".W To Norf--Grants appvl to publish/ 1/23 Norf fwsd copy of article 1/30
212053	1-11 M.Is		Arc sets: anode tips received from Washn Yard are nicked and deformed due to improper packing; bearing surfaces will need refacing.W Fwd S&A--For action. 1/22 R3 2-8 To--Gives Wash comment on. 2/14

APPARATUS: 876

Number.	Date.	From or To—	Subject.	
✓ 212129	1-16	Bost	Instructions for installing and operating signalling distant control. Rvds.W	
✓ 212189	1/22	To Phila T Instrs re future investigations of inventions. F is copy of testimony of Mr. Chambers before Committee on Merchant Marine & Fisheries. 1/30 To F.B. Chambers--Comments on device. 1/30	Reqt telegraphic report Phila investigation radio invention Chas H. Stewart about a year ago: also description of and reasons for drop- ping. W Phila no knowledge of radio invention by Stewart; reports with dealings with W. W. Miller of Ardmore 1/23	
✓ 212280	1-15	Pug Sd	Rvds vandykes arrgt radio room on gun boats; Lowenstein apparatus.W	
212691	1-24	NY	20 kw Federal Arc sets; Rvds drawings and booklet of instructions (booklet not recd).W	
✓ 213 091	1/31	S&A	Standard stock catalog cuts 16; radio ap- paratus: Norf unable to supply additional copies	689
✓ 213283	2/2	To Fed Tele Co	Reqt inform as to improved method of insulating the copper electrode holder of arc transmitters.W To--Comments on breakdown at Darien. Rvds drawing of porcelain sleeve bracket for anode holder. 3/22	
✓ 213406	2-3	NY	Estimate for drawing material required for radio plans next 6 months. W NY request action 2/18	
✓ 213449	2-2	American R. Research Corp. AMER R&R Corp request addition- al data and specifications 2/20	Request drawings of containers for audion bulbs, and specs for transmitting sets. W To--Rvds blue print of quenched gap trans set. 2/6 3.5/27	

APPARATUS.

Number.	Date.	From or To—	Subject.
210491	12-13	Mass NM	Request information re Poulsen and Federal Arc systems for preparing men for examination. W Fwd Nav Mil--1/17
210431	1/4	To Boet	Reqt Vandyke of RE 62A 101A, 102A and 103A. W Boet fwsd prints 1/9
210469	1/4	To Chasn	Radio telegraph - semi-monthly reports. Instrns in connection with. W
210551	1-4	Washn	Fwsd vandykes and prints of various radio plans. W
210714	1/6	To NY	In recording all radio drawing numbers, directs use alteration letter. W
210769	1-5	Atl Flt	Standard plans; allowance radio; recommends changes in. W. To Atl Sub via Atl Flt—Gives action. 1/12
210866	1/8 to draw 1/13	To NY up description and plans SEE CARD 100	Booklets giving drawings and data on radio sets. Reqt be fwsd. W NY will fwd drawings and data for Lowenstein sets about Feb 15th; not sufficient equipment ward to assemble 5 ky transmitter in order
210866	1/8	To Phila	Reqt detail plans for install radio sets on destroyers under construction. Reqt Vandykes latest standard plans. W Phila plan 2-5
		Phila (T) plan will be forward- ed Feb 7th 2/5 To--(T) Reqt plans be expedited. 2/5	Phila fwsd vandykes 2/7 Card 103

APPARATUS 876

Number.	Date.	From or To—	Subject.
✓ 210906	1-8	NY	Alcohol tank for arc set; present locations on upper deck radio station contrary to regulations; recommends special compartment be built for. Fwd C&R—With rec. 1/11 Rs 2-12 Fwd C&R—2/14 73 2-17
✓ 211193	1/11	To Norf	See monthly reports should obtain radio drawing number. None on report of Jan 2. W Norf returns properly numbered 1/30
✓ 211231	1-3	M. Is	Arc apparatus; improvement in design of; fws reports on magnetic circuit, arc high frequency generators; recommends all contract specs be referred to yard before approval W (Cross to generating sets)
206701	SEE CARD 97 Phila will make reply Jan 27 1/22 May a lists vessels for which compass reporter will be purchased for radio direction finder station fws sketch 1/3 To yards—Arch wiring for. 2/7	SEE CARD 103 from Wash to Ports for radio station. 1/15 Pug Sd 1/13 To NY Phila M. Is. Pug Sd—Reqt reply to letter 2/18, 1/18 NY 1/18 Atl Flt 1/24 Phila 2/3 Is submits report 2/3	
✓ 211545	1/15	To Sperry Co	Not Bu intention to purchase any more 1/2 K.W. radio transmitting sets than those advertised for. W
✓ 211613	1-13	NY	Marconi 5 kw radio sets; booklet of instructions. W
211733	1-15	NY	Suggests cooperation between Dept and manufacturers to prevent company experimenting with apparatus that will not meet naval needs; recommends radio sides be permitted to work with companies W

P. A. US:

Number.	Date.	From or To—	Subject.
208515	12-12	GE To—Gives assignment of arc sets. 1/20 G Co fws prints of nameplates proposed for Fed Co's apparatus. 2/14 To—Gatis. 2/14	Reports receipt of order from Fed Tel Co for switchboard equipment for 20 and 30 kw sets; request certain data relative to name plates. 1/12 2/5 GE radio name plates. fws print of proposed modification 1/12 To—Modification sets. 1/18 GE - M Is conts 119 & 120 masks which for shore and which for stat. ons. on ships. 1/22 Req. copy of drawing of 102A. W M. Is fws plans 12-27
208636	12/14	To M. Is.	
208711	12-13	McGee Radio Co	Request be placed on mailing list radio specons. W To—Gatis certain specons. 1/18 McGee Co. will postpone test 12-17 To—Acknowledges letter. 12/22
208833	12/16	To Pug Sd-	Comments on business-like manner in which radio manufacturing at Pug Sd has been carried out. Indicates efficiency of radio mfg. unit particularly Export Radio Add R.H. Marriott. W
208940	12-8	M. Is	Reports inaccuracies in drawings furnished by Fed Tel Co. for 20 kw arc sets. W To—Inst. M. Is. 12/21 To Fed Tel Co—M. Is. will fwd list of errors for corrections. 12/21
209141	12-19	Dist Radio Supt, Washn	Outlines arrangement of relays and switch boards for distant control used at Arlington Station/ recommends similar installation all distant control stations. S
209204	12/20	To Norf	Radio telegraph. Req 2 sets of vandykes RN 20E 102A. W Norf fws vandykes 12-30

APPARATUS 876

Number.	Date.	From or To—	Subject.
209820	12-26	Norf	Fwds radio tuning record spark and arc sets in connection inaccurate calibration of sets; request yard be supplied with additional decremeters for laboratory; (Laboratory, Norf)
✓ 209684	12/28	To Atl Flt To Yards--Gives schedule for tests of arc sets with instrns. 2/14 Atl Flt fwds copies of reference Atl Flt nothing except rush work to interfere with weekly arc test Asiatic Flt fwds report on radio material of fleet (2 reports) 6/30	Radio material-Report to be submitted. List required sets in report. W To Pac Flt--Fwds copy of above letter 2/11/38 To Asiatic Flt--Ditto. 15/18 Atl Flt recommends certain schedules for test of arc sets 1/26 To--(T) Appvs rec as to test. 2/10
210106	12-30	Pug Sd	Marriott has not written not will he speak before Institute Radio Engrs. W To Pug Sd--(T) Bu Appvl must be given before R.H. Marriott can read paper on U.S. Naval radio service before Institute NY Jan 3rd. 12/30
210142	12-20	M.Is	20 kw arc radio apparatus; unable to furnish detailed plans until apparatus now being purchased is received.W.
210264	12-30	NY	Fwds booklet workin; drawings and description 20 kw Fed arc set cont 346. W
210323	1/3	To Phila NY Bost T	1017 Arc radio set specs revision. Ask desirability specifying maximum voltage of 600 volts for 20 K.W. arcs instead of 750 stop. Phila (T) submits recommendation 1/4 Bost (R) 1/4 NY (T) 1/6 NY (T) 1-3

APPARATUS.

SEE CARD 89

To Ports--Lists changes to be made in wave meter. 1/10

To S&A--Shipt reqt wave meter to Wash. 1/10

Number.

To--Comments and rec. 12/21

To Wash--Instrns in detail re overhaul. 1/10

206701

11-23 At Flt

To C&R--Gives report in detail of radio standard plans for battleships and battle cruisers by Atl Flt. 12/18

Radio standard plans; allowance lists for SS and SC. Comments on W

To Nav Comm--quotes from report of Atl Flt. 12/11 Chasn 12/28 Ports 12/20

To Yards--Radio tele--Gives report of Atl Flt re wave lengths. 12/18

To Nav p--4 pgs install of repeater compass for radio direction finder station. 12/14 Post 12 23 (For Norf reply see 209-20-876)

206739

11-15 M.Is

States antennae solenoid switch received from East coast unsatisfactory; rotary spark gaps received after departure of ships assigned to; request instructions re disposition. W
To--Instrns. 12/1

206738

11-14 M.Is

Submits list of items directed for stock by Bu letter of Dec. 1915, 189880; does not appear in standard stock catalog; request instructions relative to assembling. V
To--List will be considered in revision now being made. 12/1

207903

11-28 Marconi Co

Fwds copy of letter to Norf relative to rejection transformers and reactances;

207059

11-24 M.Is

20 kw arc apparatus; request data on size of carbons. A
Fwd--Ask source of supply of arc radio carbons. 12/5 RB 1-8

Fwd Wash--1/9/23 1-23

Fwd M. Is. 1/29/23 3-2

M Is correspondence returned Feb 21st 3/5 Reqt copies of corres to Force Commanders re changes in standard radio install plans and in standard radio allow lists. W
Atl Flt 12/5

207078

12/2 To Atl Flt

207107

12/2 To M.Is.

T

Reqt probable data completion of 2 20 KW arc radio sets. W
M.Is (R) gives time 12-4

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 207159	11-15 12-2	Simon, EJ	1/2 kw sets; offers to furnish 10 additional sets at same price as those being furnished on cont 20106.W
✓ 207212	12-5	Fed Tel Co T	Switchboards on conts 119, 120; are not furnishing bus bars and terminal boards; NY states required; request instructions. W Fed Co (T) GE Co advise delayed requesting interpretation certain 12-27 To--(T) Require busses and terminal boards. 12/28
208972	12/7	Phila	Recommends changes in specifications for radio transmitters, name plates, etc. W To--Concurs. 12/26
✓ 208048	12/11	To Gen Elec Co. To Crocker Wheeler Co. To Westinghouse Co. To Westinghouse Co--Acknowledges letter. 1/13	Fwds preliminary copies of specs for motor-generators, starters, and switchboard apparatus for use with radio transmitters of arc type Reqt comment on revision. W Crocker, Wheeler Co engineer is making up report on basis of 8 and 10,000 volt insulation 12-22 Westinghouse, EJ, Co comments 12-23 Reqt Vandyke and white print of KC 65F 118A. W Chasn 12-14
208231	12/11	To Chasn	
✓ 208372	12/12	NY	Radio telegraph; index of drawings; fwds. W
✓ 208373	12/12	NY	Fwds description of a 2 kw Larconi set furnished on contract 18623.W

APPARATUS

Number.	Date.	To	From
205023	11-9	Norfolk prints 8/9 NY fwsd report on progress 8/11 Phila 8/13 Boat 8/13 Pug 3d 8/13 To NY--8/17 To NY--8/28	To Post--Fwd blueprints as listed. 9/19 To L. Is. Dept report progress radio. 9/7 Subject drawing nos will be fwded. 9/26 M is (T) states reports mailed Aug 30 9/7 NY 9/6 To Yards Manufr of 1917 order of 5 K.W. and 2 K.W. radio transmitters on Atl and Pac Coasts. Instrns re corres in connection with. 12/1 To Phila--Instrns. 12/1 To Phila--Reqt re-submit esta. 12/5 To Yards--Further instrns. 12/18 To Yards--Assigns order numbers. 3/21 To Yards--Fwds Vandyles. 8/3/17 Fwds radio plan received from Norf. W
205107	11-7	Washn	
204943	11-1	Pensacola	Reports bearing New Orleans are signals on local telephone line; opens up question of secrecy of arc signals. 11/21 Fwd Nav Comm--Noted. 11/11 RR 12-5
205174	11-9	To S&A--Reqt ship be expedited. 11/20 To NY--Reqt ship be expedited. 11/20 NY wave changers and loading coils; recomassignment DAVIS, RCAN. Instrns: TAMPSON 11-18. To Phila--Reqt plans be expedited. covering install on Wilkes. 11/20 To Sec'y War	for install. 11/20/NY (T) shipped 11-27 11-25 Report details letter uncompleted work assembly second 5 KW type radio sets. W NY sets complete except wave changer, loading coils, reactance 11-17 To--Ask how far wave changers and loading coils have progressed. 11/16 Fwds copies of standardized specs for radio transmitting and receiving sets. Suggests all departments should standardize on this material. WE War Dept will cooperate 12/4 To Secy Treasury--Reqt comment on stand- ardization of shops and use of Navy's specs by Coast Guard. 12/11 (Sec Sig) Prof Taylors article on possibilities of concealed receiving set; request Bureau negotiate direct with writer relative to holding up publication. W To Prof Taylor--Reqt publication of be withheld for time being to keep away from foreign navies. 11/9 To--Fwds copy of letter to Prof Taylor. 11/9 Prof Taylor agrees to withhold publication 11/7 To Prof Taylor--Acknowledges. 11/29 To W.S.Harris--Reqt come to Wash and discuss matters. 11/29
205272	11-11	To Sec'y War	
205091	11-6	Institute Radio Engrs S.A. Harris Co expect to be in Washington in 3 weeks 12/5 Univ of North Dakota reports re- sults of experiments carried out with the Great Lakes Station 1/30 To Prof R.A.Berg--Reqt any dis- coveries in connection with this matter be not published. 2/13 Berg will keep data secret 2/15 To Berg--Acknowledges. 2/20	Prof Taylors article on possibilities of concealed receiving set; request Bureau negotiate direct with writer relative to holding up publication. W To Prof Taylor--Reqt publication of be withheld for time being to keep away from foreign navies. 11/9 To--Fwds copy of letter to Prof Taylor. 11/9 Prof Taylor agrees to withhold publication 11/7 To Prof Taylor--Acknowledges. 11/29 To W.S.Harris--Reqt come to Wash and discuss matters. 11/29
		To S&A--Reqt Harris name be placed on list of radio material bidders. 2/28	To W.S.Harris--Have placed name on list. 2/26

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓ 205474	119-	At Flt	Protected cruiser class; criticisms of standard plans and allowance list.W.
205634	10-28	At Torp Flt	Standard radio plans and allowance list; comments on.W
205771	11/2	Asiatic Flt	ARC signals; submits report on various in- airments and improvements made in fleet; recommends commendatory letters to Lt Craven and Chf Elecn Montcalm 42
205174	OVER NY radio set for WILKES. shipped 11/27. will trace 11/29 Fwd NY--12/7 KB 12-13 Fwd Phila--12/8 RB 12-18		Phila WILKES; not practical to complete radio installation during present stay on account of delay in delivery transmitting set 11/23 To NY--(T) Rec'd date ship Phila Radio set for WILKES. 11/24 To Phila--Instns. 11/25 Phila (T) estimated time 11-28 Operations WILKES date of completion ex- tended to permit installing radio set 11/28
206575	11-21	Pug 3d	Reports failure to receive copies of contracts 784 and 346; request copies of all radio-contracts for material intended for that yard. WS Fwd S&A--11/28
206597	11-25	NY	Marconi 5 kw quenched spark gap sets; fnds booklet of prints.W
206592	11-21	M. Is	To--Lists booklets on file. Asks when booklet on Marconi and radio sets will be rec'd. 12/2 Asks if 15 and 30 kw sets called for on standard stock allowance shall be manufactured at yard.W To--Will be eliminated from standard stock catalog. 12/1

APPARATUS

Number.	Date.	From or To—	Subject.
203048	10/20	To Firms	Fwds revised specs RE 13A 112B. W To Yards--Ditto. 10/21
202804	10/21	To Yards Guantanamo 10-31 Pug Sa 10-28 San Diego Supt 11-2 To Radio via Wash--Directs further test. 11/2 COLORADO 11-2 Darien 10-30 Pav Fit 11-8	10/27 M Is fws blueprint and instructions 3/22 San Juan 11-3 M is suggestions 3/19 Reqd comments on present installations of arc transmitters, as are thinking of changing specs. Wkey West 11-6 Chesh 10-26 Best 10-27 At Torp 10-27 Boat 10-27 ARK 10-31 Washn Dist Supt 10-31 At Flt 10-31 Norf 10-31 WFO 10-31 CRAN 10-30 NEW YORK 10-31 NY 11-3 By has instructed all yards to fwd copies of semi monthly reports to Darien. W
✓ 203179	10/21	To Darien	
401 203567	10-17	Fed Tel Co	New anoid installation for arc radio set; plans and suggestions. To--Appvs sub to satis operation. 10/30
203147	10-18	Norf	Reactance primary for Norf order 1916; fws print's showing modification recommended. To--Rec appvd. Assigns Type No. "S.E. 52" to reactance. 10/27
203552	10-20	M. IS	Fwds bill covering partial payments Federal Co. contracts 305-6-7. K Fwd S&A--Rec payment of certain bills. 10/26
203646	10-26	NY	Recommends changes in battle radio buzzer board. To--Concurs with? Comments on. 10/30 Fwd Atl Flt--For comment. 10/30 RE 11/20

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓203761	10-27	Panama Canal	Request specs covering sets similar to those required by Panama Canal for tugs. W To—Fwds Specs. 11/8
✓203800	10/28	To Marconi Co.	Explains specs covering circuit breakers. W
204093	10/31	To M. Is.	Reqt comment and rec as to possibility of obtaining castings for arc generator chambers free from flaws. W To Fed Tele Co—Quotes report from M. Is. on "Tests on Arc Chambers". 10/31 M. Is. shows poor foundry practice 11-9 Fed Tel Co. have issued instructions to factory 11-13 To Fed Tele Co—Quotes M. Is.'s comments. 11/24
✓204457	11/4	To Yards	Fwds report of Bd of Organization? U.S. Naval Radio Service 1915 (Revised 1916), for Radio Laboratory, for particular attention of Radio Officer and Expert Radio Aid. W
✓204503	11/4	To R.D. Duncan, Bu of Standards.	Fwds copies of certain specs. W
✓204410	11-3	Panama Canal	Request data on radio sets capable transmitting 300 miles. W To—Fwds specs for receiving apparatus. Comments on. 11/9
✓204798	11/8	To Stations (5)	Lt. Hooper will call in reference to radio material on or about Nov. 15th. F

1916

APPARATUS.

Number.	Date.	From or To--	Subject.
201660	8-30	M.Is	Supply and distribution of radio stock; recommends that stock limits as specified in standard stock catalog be maintained. W M.Is reqt action 10-28 To--Bu appvs rec. 11/7
201953	10/11	To Benj. Liebowitz	Temperature of incoming and outgoing water of a Poulser Arc. Fwds data of test made at Radio Sta. Bost. W Columbia University reqt permission to publish 10-24 To--Disappvs reqt to publish. 10/28
201089	10/5	To Sperry Co.	Transmitters, field sets. Fwds prints gives latest revisions. W To Copley & Co. Fwds duplicate copies portable field sets. 10/11
202054	10/12	To Yards	Radio telegraph. Duplicate copies of latest specs. Fwds. 10/12 W
202301	10/14	To Fed Tele Co.	Reqt recommendations to overcome difficulty because of the harmon c. from the arcs on short wave lengths i.e. 300-600 meters, as they interfere with receiving ships and stations. W Fed Co fwds recommendations for reducing 10--19
159860			To Pensa--Fwds two copies of Bu letter December 10th, 1915. 10/14
202670	10/15	M.Is (1) reactances shipped by exp 12-2 11-20 NY	Second lot of 12 radio sets; reactances supplied by M Is defective. W To S&A--Reqt shipt of reactances from NY to M.Is. 10/21 To M.Is. (T) Expedite alterations and return shipt NY four reactances sets. 11/15 L.I
			Fwd M.Is. 10/21 RB 11/16 To NY--Bu has reqt shipt of reactances to M.Is. 10/21 To M.Is. Ask shipt date four radio reactances. (T) 11/20

APPARATUS

876

Number.	Date.	From or To—	Subject.
✓ 202521	10/17	To Yards	Submits schedule of standard specs for radio trans and receiving apparatus. W
✓ 202599	10/17	To Fed Tele Co. To—Comments on. 11/6 To—(T) Reqt rec re compounding arc magnet; suggestions. 11/6 Fed Co. (T) disapproves Bu sug 11-7	Fwds copy of test data obtained at Radio Sta. Bost using 30 K.W. arc. W Fed Co. gives data 10-26 To Bost—Auth to furnish Federal Co. with antenna data. 11/6 To NY—Instrns. 1/25
✓ 199131	10/17	To Wireless Spec. A. Co. Fed Wash--12/19 RB 1-12 Wash states Stroboscope was turned over Oct 13th for returning to Wireless Co to put motor in condition 12/19 To Atl Cit—Instrns re further test of on PHILA. 1/24	Have auth test of Stroboscope. Will fwd report. To Wash—Auth service test, and submit report. 10/17 To—Gives status of matter. 12/6 Co are furnishing stroboscope to Laboratory by express. for test 12/15 To—Fwds copy of report with comment. 1/25 Desires comment revision arc transmitter specs. W M. Is 10-26
202637	10/19	To M. Is (T)	
202848	10/19	To S&A via C&R	Designating letters to be assigned to Penss and New Orleans in standard stock catalog. "T" for Penss and "O" for New Orleans.
202207	10/20	To Firms	Gives corrections to be made in b/p specs RB 13A 112A. W To Yards—Ditto. 10/21
202803	10/20	To Bost Phila Norf	Fwds specs for arc radio transmitters. Reqt comment for revision. W Phila 10-27 Phila 10-28

CARD 121

APPARATUS.

Number.	Date.	From or To—	Subject.
200125	9/29	To bidders	Fwds copy revised specs. for radio transmitting sets from 1 K.W to 10 K.W. incl.W
200127	9/29	To F.M.Sammis	Fwds copy of revised specs for radio transmitting sets for insertion in copy W 9/29
200128	9/29	To bidders.	Fwd blue print copies of revised sheets specs for field radio sets.W
200526	9/29	To bidders	Fwds blue print copy of revised specs radio transmitting sets.W To Ditto 9/30 Marconi Co. 10-2
200531	9-30	To Firms.	Fwds revised specs for receiving apparatus.W
200530	9-30	To Firms.	Ditto.
200126	9-30	To Firms.	Fwds revised specs for radio transmitting sets from 1 K.W. to 10 K.W. W
200528	9-30	To Firms.	Fwds copy revised specs for 1/2 K.W. radio transmitting sets. W

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓ 200975	9-26	M. Is	Request radio vandykes.W Fwd Wash--10/21
✓ 200904	10/2	To S&A	Reqt Western ElecCo be added to list of firms to which proposals are sent for purchase of radio Apparatus.W ~~At Com Co.~~
201182	9-29	Fed Tel Co	30 low arc sets; fwds instruction book. W
✓ 200863	10/3	To F.M. Sammis	Substitute sheets 12-C, 29-C and 32-C in place of ones now on hand; specna for radio sets.W To Wm. J. Murdock Co.—Fwds copy of specna for portable field sets. 10/3
✓ 201088	10/5	To F. Lowenstein Marconi	Fwds add'l copy of radio drawings referred to in specification.W To S. J. ...
✓ 201087	10/5	To E. J. Simon	Fwds add'l copy of RE 13A 112, specna for receiving apparatus.W
✓ 201211	10/5	To M. Is. (T)	Reqt date delivery arc sets for PITTSBURGH and MARYLAND and SOUTH DAKOTA and WEST VIRGINIA. Reqt delivery test and manuf be expedited.W E. Is status of deliveries cont 346. cannot give estimated time on arc set being mfg E. Is 10-9

[illegible]

APPARATUS:

1918

Number.	Date.	From or To—	Subject.
199701	9-20	To Pug Sd Via S&A.	Reqd estimates for manufacture of 1917 of 2 K.W. radio transmitters. W To NY--Bu has directed Pug Sd to obtain insulating material from 18/9/21 Pug Sd submits estimate 10-2
	11-2	Pug Sd	Reqd more definit information re certain items To--Gives information requested. 11/9 To NY--Ask when revised 2 K.W. drawings will be completed. To--Ests will not be appvd until corrected drawings are received at Pug Sd. 12/1 To--protective devices will be obtained from Phila. 12/18
	1/22	Pug Sd	Submits estimate 1/22.W/2 To--Gives action. 2/2
	2/27	Pug Sd	Asks date when correct plans may be expected W
	3/7	To Pug Sd	Loading coils should be in accord with drawing EY33F 147B. NY Loading Vandikes. On receipt of 2 sets reqd ests for manuf of 2 sets of loading coils. W To--Modifications in 5 K.W. wave changers will necessitate slight changes in 2K.W. sets. 3/12
	Pug Sd 4/18		Submits estimates for manf of 2 kw sets. W To--Gives action on ests. 4/27
	8/22	To S'A	Reqd shipt of apparatus from Pug Sd to M. Is. for order No 4. W
	8/22	To Pug Sd	Instrns re various items of order. W
	8/28	To Pug Sd	Instrns re filling in drawing numbers on Vandikes. W
	9/7	Pug Sd	

CARD 92A

APPARATUS.876

Number.	Date.	From or To—	Subject.
✓ 200013	9-14	Fed Tel Co	Asks what chances are for business in near future; particular reference Arlington. W
✓ 2000126	9-16	War Dept	Kilbourne & Clark sets; asks report on efficiency of. W To—(Secsig) Gives data on. 9/26
200028	9-22	To NY.	Reqt prints of RY 165A. W NY plan 9-28
✓ 200294	9-22	Washm	Fwds radio plans. W
200251	9-25	To NY.	Fwds drawing RE 13A 111B. W
200434	9-27	To S&A.	Radio specfns 16R1a and 16R2 have been superseded by blueprint specfns; reqt distribution be discontinued. W
✓ 200129	9-27	To Lt. R. R. Wasscha, USCG	Fwds specfns covering rack for mica condensers. W

Number.

Date _____

From or To—

Subject,

12/18

To SEA

Reqt shipt of apparatus from Bost to M. Is. W

1/11

To N.I.B.

Reqt status of sets. W

35

12

Auxiliary hand key shipped 1. Is Feb 5th.W

[illegible]

CONTINUED FROM CARD 91

Number.	Date.	From or To—	Subject.
199699	3/27	M Is T	Complete information given in letter of March 13th. W To--(T) Add'l infor not recd. 3/30
	3-29	Bost	Replies to letter Mch 22, and submits estimate certain items... To--Aprvs ests. 4/10
	4/16	Bost	Submits estimate W
	4/17	M Is	Submits estimates for 2.2 kw switchboards. W To--(T) Aprvs est. 4/20
	4/20	M Is	Fwds photographs and detailed report on 2 kw transmitters, order #4. W
	5/1	To Bost	Auth manuf of two relay keys. W
	5/4	M Is T	Request authority to proceed with manufacture of experimental 1/2 kw generator W
	5/2	To M. Is. T	Reqt status manuf of design of 1/2 K.W. generator complying with specs REL3A 114B. W To--(T) Manuf auth. 5/9
	5/25	To M. Is?	Fwds vandykes of switchboard drawings as listed. W SEE 91-B OVER
	5/15	To S&A	Reqt shipt of Frequency ammeters from Philato M. Is. for Order No. 4. W
	5/21	T o Bost	Instrns re various items of order. W

876

Number.	Date.	From or To—	Subject.
199699	8/22	To Phila	Instrns re various items of order. W
	8/22	To SGA	Reqt shipt of apparatus from Bost to M.Is. for order 4. 8/22
	8/23	To Bost	Instrns re filling in drawing numbers on prints and fwding to Bu. W
	8/25	To Phila	Instrns re filling in drawing numbers on Vandykes. W
	8/28	M Is	Request telegraphic approval of estimates. W
	8/28	To M.Is.	Instrns re filling in drawing numbers on Vandykes. W
	8/29	To M.Is. T	Gives action on ests. W
	9/11	Phila	
	9/14	Bost	Fwds prints. W
	9/19	To M.Is.	Detailed comments on various items. W
	9/26	To M.Is. T	Ask when report drawings numbers will be fwded. W
	9/27	M Is T	Prints mailed 24th. W
	9/10	M Is	Fwds prints.
	10/3	To M.Is.	Directs start manuf of transformers at once. W
	10/4	To M. IS/	Appvs drawings for manuf of starter transfer switch with modif. W
	10/6	M Is	Progress report. W

1916

APPARATUS:

Number.	Date.	From or To—	Subject.
199699	9-20	To M.Is Via S&A.	Reqt estimates for manufacture of 1917 order of 2 K.W. radio transmitters. W To Post—directs Yd to manuf or purchase various items in above. 9/21 To Phila-- Ditto. 9/21 To Pug Sd--Tone testers will be manuf at Wash instead of Pug. Sd. 10/24
	11.29	Bost	submits estimates. W To--Gives action on. 12/8
	12/15	To Bost	Furt er action. W
	12/7	Phila	Submits prices for; have placed contract for meters. W
	1/4	Bost	Submits estimate. 1/4
	2/2	To Bost	Gives action. 2/2
	2/13	M Is	2 kw's; status of action on manufacturing request; submits sheet showing sources of supply and estimates of those to be manufactured at yard. W
	2/24	M Is T	Corrects letter of Nov 11th. W
	2/28	To M.Is. T	Reqt report showing all variations from specs RE 14A 111C. This report before plans will be approved. To--Reqt reply. 3/20
	3/13	M Is	Reports show variations from specifications. W To--Gives action. 3/30

CARD 91A

876 APPARATUS:

Number.	Date.	From or To—	Subject.
199700	9-20	To Pug Sd Via S&A.	Reqt estimates for manufacture of 1917 order of 5 K.W. radio transmitters. To NY--Bu has directed Pug Sd to obtain insulating material from NY. 9/21 NY replacing orders for necessary insulating material 10/7 To Pug Sd--Tone testers will be manu- at Wash instead of Norf. 10/24 To Pug Sd--(n) Protective device will be purchased. Not necessary to make design. 12/16 To Pug Sd--Protective devices will be ob- tained from Phila. 12/16 To Pug Sd--NY will furnish Van Hook giving all information re loading coils. On 1/3/17 orders direct. 1/7 To S&A--Shipt reqt of apparatus to NY. 3/19
	3/21	Pug Sd	Request additional copy of letter of Sept 20th .W To--Fwdls copy of letter. 3/29 Pug Sd submits est on order No. 5.4/21 To Pug Sd--Reqt ests covering manu of 11 sets of loading coils. 4/28
	4/30	To Pug Sd	Gives action on ests. W
	5-6	Pug Sd	Fwds copy of letter of Apr. 21. W
	8/22	To Pug Sd	Instrns re various items of order. W
	8/22	To S&A	Reqt shipt of apparatus from Pug Sd to H. Is. for Order No. 6
	8/28	To Pug Sd	Instrns re filling in drawing numbers on Vandikes. W
	9/7	Pug Sd	
	9/13	Pug Sd	

199698-876

APPARATUS.

Number.	Date.	From or To--	Subject.
	3/3	M Is T	Will fwd vandykes 5 kw sets Apr 15 .W
	3/2	M Is	Revised estimates for 5 kw transmitters.W
	3/13	M Is VOID	Reports show variations from specifications.W
	3/13	M Is	Submits revised estimates.W
	3-29	Bost	Replies to letter Mch 22 and submits estimates certain items.W To--appts. 4/10
	4/17	M Is	Submits estimate for 11 5 kw switchboards.W To--appts. 5/1
	8/16	To S&A	Reqt shipt of ammeters from Phila to M.Is. for use on order No. 6.W
	8/21	To Bost	Instrns re various items of order. W
	8/22	To S&A	Reqt shipt of apparatus from Bost to M.Is. for order 6. W
	8/22	To Phila	Instrns re various items of order. W
	8/23	To Bost	Instrns re filling in drawing numbers on prints and fwding to Bu. W
	8/25	To Phila	Instrns re filling in drawing numbers on Vandykes. W
	8/28	To Mof M.I	Ditto.W

19698 - 876 APPARATUS.

Number.	Date.	From or To—	Subject.
	8-29	Bost	
	8/30	M.Is	
	9/11	Phila	
	7	Bost	Fwds prints.W
	9/19	To M.Is.	Detailed comments on various items. W
	9/14	M Is	Fwds Print.W To—Appvs. 10/4
	10/6	M Is	Gives list of material undelivered; dates on which apparatus can be completed, providing material is received, etc.W
	12/18	To S&A	Reqt shipt of apparatus from Bost to M.Is. W
	2/1	To M.Is. T	Ask if sets will be completed in time for destroyers. W
	2/3	M Is R	States radio set, order No. 6 to be completed in time ~~for~~ installation on 87 to 94. (Cross to 87-0-5) ~~XXXXXXXXXXXX~~

1916

APPARATUS:

Number.	Date.	From or To -	Subject.
199697	9-20	To Norf.	Reqt estimates for manufacture of 1917 order of 2 K.W. radio transmitters. W To--Tone testers will be manuf at Wash instead of Norf. 10/24
	1-9	Norf	Fyds estimates, plans, etc for 2 kw radio transmitters. W To--Gives action on. 1/22 To Norf--Reqt certain drawings. 3/7
	~~Norf-fw~~		
	3/19	Norf	Fyds vandyke requested; have modified name plates. W
	8/27/17	To Norf	Instrns re filling in drawing numbers on Vandykes. W

876 APPARATUS:

Number.	Date.	From or To--	Subject.
199698	9-20	To M. Is Via S&A.	Reqt estimates for manufacture of 1917 order of 5 K.W. radio transmitters. W To Bost--Directs submit est and rec for manuf of purchasing items listed in above. 9/21 To Phila--Yard required to manuf various items and supply to M. Is. 9/21 Phila; conflicting instructions 9-29 To Phila--Explains. 10/11
	11-7	M. Is	Submits estimates and plans. W To--Gives action on. 12/8
	11/29	Bost	Submits estimate. W To--Gives action on. 12/8
	12/15	To Bost	Further action. W
	12/7	Phila	Submits prices; have placed contract for meters. W
	1/4	To M. Is.	Reqt ests for manuf of HW 23F 102B, and rec as to switch preferable. W To--Reqt reply. 2/7
	12/29	M Is	Full report as to essential differences between motor generators, transformers and reactances. W To--Apvs manuf of motor generators with characteristics as listed. 2/14
	2/2	To Bost	Gives action. 2/2
	M Is	1/20.	Submits estimate and vandyke for transfer switch. W To--Apvs est. 2/14 To M. Is.--Comments on ests. 7/19
	2-24	M. Is T	Corrects letter Nov 11. To--(1) Manuf 23 transformers auth. 2/26 Term. Reqt 4 complete sets vandykes. 2/28 (2)

1917

APPARATUS.

Number.	Date.	From or To—	Subject.
199695	8/16	To S&A	Reqt shipt of apparatus from Norf to NY.
	8/16	To Norf	Comments on various items of order No. 3.
	8/17	To S&A	Reqt shipt of meters and protective devices from Phila to NY for Order No #3. W
	8/22	To Phila	Instrns re various items of order. W
	8/23	To Phila	Instrns re filling in drawing numbers on prints and fwding to Bu. W
	8/28	Norf	To—9/5 To—9/7
	9/11	Phila	
	9-18	NY	W
	9/22	To Norf	W
	10/1	Norf	To—Are issuing shipt order for transformers. 10/4
	10/4	Norf	
	10/5	To S'A	Reqt shipt of transformers from Norf to NY. W
	10/9	To S&A	Reqt shipt of switchboards and wpaes from Phila to NY. W To Phila—10/9

REPARATUS. 876

Number.	Date.	From or To—	Subject.
199695	10/22	To S&A	Reqt shipt of transformers etc., from Norf to NY. W

APPARATUS:

1916

Number.	Date.	From or To--	Subject.
199695	9-20	To Phila.	Reqt estimates for manufacture of 1917 order of 2 K.W. radio transmitters. W
	9-26	Phila	Reqt speons covering transmitter. To-- Will fws as soon as practicable. 9/30
	11/29	Phila	Submits estimate for switchboards, spark gaps and ammeters. W
	1217	Phila	Switchboards, spark gaps, ammeters, fws plan and estimate. To--Action on. 12/15
	12/26	To Phila	Drawings for 2 K.W. switchboards should be modified in accord with previous instrns. W
	1-27	Phila	Fws drawings of 2 kw switchboards. W To--Gives changes to make in drawings. 2/8
	2-24	Phila	2 kw switch panels; est and plan. W To--Gives action on. 3/10
	3/22	To Phila	Reqt ests on item 33. W
	3/24	Phila	Replies to tracer of March 10th; drawings of name plates not yet received. W To--Ask when drawing will be fwsd 4/28 To--Directs make corrections to drawings at once. 5/30
	5/2	Phila	Drawings forwarded March 31st; replies to letter of March 23th. W
	4-4	Phila	Plan requested in letter Mch 30. W

SEE 89-A

876 APPARATUS:

Number.	Date.	From or To—	Subject.	
199696	9-20	To Norf.	Reqt estimates for manufacture of 1917 order of 5 K.W. radio transmitters. W To--Paragraph 6 of above letter. Leave out item 34, tone testers. Will be manuf. at Wash. 10/24	
	10-26	Norf	Estimate; recommends changes in specs. To Norf--Gives action. 12/1 To--Directs manufr certain appatatus. 1/25	
	2/12	Norf	Fwds plans 5 kw transmitters W To--Plan appvd with comment. 3/26	
	3/3	Norf	Submits estimates for punches and dies required for manufacture of motor generator 2 kw. W	
	3-2	Norf 615-12	Fwds plan of 5 kw. 500 cyl motor generator set; recommends purchase of special disc notching press for use in manufacturing. To--Appvs est. 3/10 (2 letters)	
	3-12	Norf	Fwds modified plan; requested Feb 26. W	
	4/3	To Phila T	Reqt corrected switchboard drawings be filed immediately. W	
	8/28	To Norf	Instrns re filling in drawing numbers on Vandykes. W	
	9/7	Norf	Fwds prints. W	

Continued from Card 88

Number.	Date.	From or To—	Subject.
	3/24	Phila	Drawings of name plates not yet received; replies to tracer.W To--Directs make necessary corrections to drawings at once. 3/30
	3/30	Phila	Submits estimate for protective devices.W To--Auth manuf of 11 sets. 4/1
	4/2	Phila	Fwds drawings.W
	4/6	Phila T	Vandykes were forwarded April 5th.W To--(T) Reqt additional Vandykes. 4/6
	8/16	To Norf	Comments re various items on order No. 5.
	8/17	To SEA	Reqt shipt of frequency meters from Phila to NY for Ord No. 5. 8/17
	8/22	To Phila	Instructions re various items of order. W
	8/25	To Phila	Instrns re filling in drawing numbers on Vandykes. W
	8/29	Norf	To--9/7
	9/5	To Norf	Instrns. 9/5
	9/11	Phila	
	9/21	NY	Request shipment of Bakelite and Micarta to Norf Sept 15th by express.W Fwd Norf--9/24--RE 10/1
	10/5	To Norf via S&A	Instrns re continuance of manuf of apparatus.W

199694

Number.	Date.	From or To—	Subject.
	10/9	To Phila	Pleased to note completion of work. W
	10/9	To S&A	Reqt shipt of switchboards and spares from Phila to NY. 10/9
	10/22	To S&A	Reqt shipt of transformers, etc., from Norfolk to NY. W Fwd S&A—12/31 Fwd S&A—1/9

[illegible]

[illegible]

APPARATUS:

Number.	Date.	From or To—	Subject.
199693	9-20	To Bost.	Reqt estimates for manufacture of 1917 order of 2 K.W. radio transmitters. W Bost submits estimates 11/27 To Bost—Gives action on. 12/8 To—Further action. 12/15
	1/26	Bost	Gives status of order for transmitters. W To—Gives action on. 2/2
	3/22	To Bost	Reqt add'l ests on certain items, and gives action on other items. W
	3-29	Bost	Replies to letter Mch 22; submits est. W To—Approvs est. 4/15
	4/16	Bost	Submits estimate. W To—Approvs. 5/1
	8/21	to Bost	Instrns re various items of order. W
	8/22	To S&A	Reqt shipt of material from Bost to NY for order No. 3. W
	8/23	To Bost	Instrns re filling in drawing numbers on prints and fwding to Bu. W
	8-29	Bost	To—9/16
	?	Bost	Fwd prints. W

CARD 88A

876 APPARATUS:

Number.	Date.	From or To--	Subject.
199694	9-20	To Phila.	Reqt estimates for manufacture of 1917 order of 5 K.W. radio transmitters. W Phila submits estimates 11/28
	12-7	Phila	Fwds plans and estimates. W To Phila--Gives action. 12/15
	12/27	To Phila	Directs drawings be modified to state clearly type of fuses to be used.
	1/4	To Phila T	Reqt new drawing for switchboards being redesigned, and asks when drawings will be fwded. W Phila (T) 1-5
	1/13	Phila	Drawings will be forwarded Feb 1. W
	1-27	Phila	Fwds prints of switchboard for 5 kw sets. W To--Gives change to be made in drawings. 2/8
	2-21	Phila	Fwds plan and estimates for switch panels; 2 and 5 kw To--Gives action on. 3/10
	3/13	To Phila T	Reqt date completion each wave changer for eight 5 K.W. sets, second lot. W
	3/17	Phila	Wave changers; gives probable dates completion. W To--Fwds Vanoykes as listed, with comment. 3/21 To Phila--Reqt ests on item 33. 3/21
	3/22	Fwd NY	Wave changers for eight 5 K.W. sets, second lot. Comments re ship and assignment. W AP 4-5 (OVER)

CARD 88A

APPARATUS.

Number.	Date.	From or To—	Subject.
	5/3	Bost	Fwds copy of estimates.W To—Apprs drawing.5/29
	6/9	Bost	Fwds plan.W
	8/21	To Bost	Instrns re various items of order. W
	8/22	To S&A	Reqt shipt of material from B ost to NY for Order No 5. W
	8/23	To Bost	Instrns re filling in drawing numbers on prints and fwding to Bu. W
	8-29	Bost	
	9/13	Bost	Fwds prints.W
	12/18	To S&A	Reqt shipt of radio apparatus from Bost to NY. W

[illegible]

91

APPARATUS.

Number.	Date.	From or To—	Subject.
199691		Card 87	
	4/9	NY	Fwds prints requested in letter of March 20.W
	4/13	NY	Fwds prints. In reply to letter of Apr. 8th.W
	7 5/9	NY	Revision of estimates.W To NY—Appvs.7/13
	8/23	To NY	Instrns re filling in drawing numbers on prints and fwding to Bu. W
	9/10	NY	Fwds prints.W
	9/19	To NY	Reqd certain information. W
	9/28	NY	W

1916

APPARATUS:

Number.	Date.	From or To—	Subject.
199691	9-20	To NY.	Reqt estimates for manufacture of 1917 order of 2 K.W. radio transmitters. NY submits estimate 10-10 To NY—11/9 To NY—Reqt drawing be submitted. Gives action. 12/1
	1-27	NY	Fwds plans 2 kw wave changer, and loading coil
	1/28	NY	2 kw combined wave changer and loading coils; fwds plans.W To—Appvs. 2/15
	2/16	To NY	Gives action on drawings. W
✓ 3/2	NY		Fwds vandykes; answers 199690-876 of Feb. 16th, also.W
4-3	NY		Fwds plan requested Mch 20.W.
3/7	To NY		Directs fwd complete set Vandykes to Pug; Sd. W
3/20	To NY		Appvs drawing NY 34F 134B, wave changer. Lists items to be incorporated in. W
3/21	NY		Plans sent Pug Sd Feb 28th.W
3/21	To NY		Reqt item 35 be completed in advance of sets. W
3/29	NY		Requisitions have been made for purchase of self-cooled gaps.W
4-1	NY		Fwds vandykes requested in letter Mar 20. W To—Reqt and 1 vandykes.4/6

CARD 87A

876 APPARATUS:

Number.	Date.	From or To—	Subject.
199692	9-20	To Bost.	Reqt estimates for manufacture of 1917 order of 5 K.W. radio transmitters. W Bost submits estimate 11/27 To--Gives action on est. 12/5 Bost request \$200 to cover experimental work 12/11 To--Further action on. 12/15 To Appa est of \$200. 12/15
	12/20	Bost	Hand keys: submits estimate. W To--Gives action. 2/2
	3/21	To Bost	Gives action on ests submitted. W
3-29		Bost	Re lies to letter Mch 22 and sub its estimate certain items W To--117 ests. 4/10
	4/16	Bost	Submits estimate relay keys W To Bost--instrns re submitting ests. 4/18
~~Bos~~ 4/16		Bost	Changes number of contacts to 16 in Hen of B.W
	4/16	Bost	Fnds prints of radio relay key developed at yard. W To--c. model est. 4/21 To--Appvs drawing. 4/27
	4/27	To Bost	Instrns re manuf of relay keys. W
--4/26		Bost	Revised estimate. W To--Appvs est. 5/1

CARD 87 A

4-3381

[Faint, illegible text from bleed-through]

APPARATUS:

Number.	Date.	From or To—	Subject.
199404	9-18	To Firms.	Fwds specfns for field radio sets and print for base of hand generator. W to Firms— ~~Wm~~ 21/10/14 should be destroyed: Generator speed reduced from 5,000 RPM to 2,500 RPM. 9/27
199405	9-18	To Firms.	Fwds copy revised specfns for field radio sets. W To Westinghouse--Fwds copy specfns. 10/13
199611	9-18	To Norf.	Reqt comment on design of reactance regulator for use with radio transmitters of 2-K.W. and above. W Norf 9-26
199612	9-18	To Fed Tel Co.	Reqt comment for revising of specfns for arc radio sets. W Co suggestions re loading coil 10/16 Co suggestions 10, 16 To—Comments on suggestions. 12/4
199824	9-15	Fed Tel Co	advance Request definite information re placing orders for arc sets in immediate future. W To—Gives data on 9/21
199402	9-19	To Firms.	Fwds specfns for 1/2 K.W. radio trans- mitting sets. W

676 APPARATUS:

Number.	Date.	From or To—	Subject.
199690	9-20	To NY.	Reqt estimates for manufacture of 1917 order of 5 Kw. radio transmitters.
	10-10	NY	Submits estimate To NY—Reqt drawings be expedited. Everything withheld pending receipt of. 12/1 To NY—Ask when revised drawings will be fwded. 1/19
	1/23	NY	(For reply see 199690-376) Gives action on drawings. 2/16 Will forward drawings Jan 26th. W
	1-27	NY	Fwds plans of loading coil, transmitter inductances, wave changer. W.
	1/29	NY	Combined wave changer and loading coil; fwds plans. W To—ipvs. 2/15
	2/10	NY	Request yards manufacturing equipment for 5 kw sets on Atl Coast submit reports more in detail. W
	2-21	TO NY	Instructions for improvements in 5 kw wave changer and loading coils
	3-13	NY	Fwds insulator and inductance coil plans. W
	3/21	To NY	Reqt item 35 be completed as much in advance of acts as possible. W
	3/29	NY	Bids for 5 kw quenched spark gap rejected; no suitable samples received for test; new bids to be prepared. W
	8/23	To NY	Instrns re filling in drawing numbers on prints and fwding to Bu. W

CARD 56A

APPARATUS: RADIO:

Number.	Date.	From or To—	Subject.
✓ 198690	9-8	To Firms.	Fwds copy revised specfns for radio transmitting sets from 1 K.W. to 10 K.W. in power. W To Firms—Fwds drawings referred to in specfns. 9/18
198776	9-8 Fwd Mar Com--2/20	To NY, Phila.	Measurement of radio outfit damping; asks wave lengths use for. W Phila gives results 9-13 Fwd Supt-- 9/15 RB 9/26 NY fwds report 2/15
~~198801~~	~~9-8~~	~~To Fed Tel Co. (NY) See other dis.~~	
198938	9-6	NY	Terminal numbering system; fwds plans showing diagram of connection. W To--Reqt remaining drawings of be fwds. 10/27 NY will fwd print simplifying motor generators in month 11-8
✓ 199087	8-31	M. Is	20 and 30 kw arc apparatus; request specns covering. W To--Fwds two blue prints. 9/29
✓ 198960	9-11	To Norf.	Instructions for numbering of drawings under radio coordination plan. W Norf fwds plans 10-20
✓ 199119	9-12	NY	Radio cross section paper; recommends NY be designated as distributing yard for all radio drawing material and that all requisitions should be placed by that Yd. W To--Consider should be distributed as same as other Bu forms by the Bu. 9/18

APPARATUS: RADIO. 876

Number	Date	From or To	Subject
✓ 199198	9-11	Washn	Carbon holder sheath renewal for 30 kw arca; plans. W
✓ 199264	9-5	At Flt	Standard radio plans and allowance list: requires comment from vessels of Fleet. W
199176	9-13	To M.Is.	Reqt. certain radio drawings. W M.Is fws plans requested 9-21
✓ 199179	9-13	To NY.	New York Station: asks disposition of certain radio material. W NY gives data 9-16
✓ 199180	9-13	To Fed Tel Co.	Bu has ordered manuf of two 20 K.W. arc radio sets at M.Is under license agreement: reqt M.Is be furnished drawings of. W Fed Co. fws bill covering license 9-18 Fwd Dept-- Rec pay ent. 9/28
✓ 199181	9-13	To Wash.	Directs yard design and manuf a small drill set for radio men and signalmen for shipboard use: reqt estimates for. W RB plans and estimates 10/14
✓ 199660	9-18	To NY. (R)	Permit F. Lowenstein obtain data swtcbd. W NY (R) Shall Lowenstein be permitted to obtain data other than on sets supplied by him 9-16 To-- (R) To use only Lowenstein sets. 9/19

16

APPARATUS: RADIO.

Number.	Date.	From or To--	Subject.
197363	8-17	Fed Tel Co 10/4 To Fed. Tel. Co--Specns satis.	Contracts 119 and 120; 20 and 30 kwsets; specifications will be forwarded in a few days. Fwds prints of radio boards. W Fed Co (1) asks if may place order in accordance drawing submitted 9-13 To--(1) Gives data on. 9/14 To--Gives modifications desired in-9/15 F d Tel Co fwds specns and prints 9-22
197771	8-24 8-26	NY S&A	Reports distribution of spare gaps for 5 kw radio set and request instructions re submitting requisition for stock. W fwd. S&A. recomds. N.Y. keep stock 9-1
198004	8-28	Washn	Fwds vandykes and white prints of certain drawings; also photos of apparatus..
198068	8-29	NY	1916 order; recommends 8 of the 12 gaps auth on 1915 order be assigned to 1916 order; gives time of completion. W To N.Y. makes assignment of 9-1 NY results of test; unable to make comparative tests until receipt of gap 9/7
198055	8-29	NY	Battle radio distance control system for Battle ship flag ship; fwds plan. W
197762	8/26	To NY	1/2 kw radio sets being purchased under contracts 24623, 24624 and 24625; asks expected date of delivery and acceptance; desired to assign first to 1-2. W NY recommends one of the 15 sets now under cont be assigned 1-2 8-31 to NY--asks assignment made of sets under contract 24605. 9/6 NY cont 24625; reports assignment 9-15 To NY-- 9/26

APPARATUS: RADIO. 876

Number.	Date.	From or To—	Subject.
198188	8-31	NY cross	Submits items not yet received at yard for 5 kw sets under order No 2; require for set for ROMAN; Twd Phila-- 9/7 RB 9/19
198304	9-1	Phila	Request complete sets certain radio plans.W
✓ 198500	9/6	Fed Tel Co	Contracts 346 and 784; request additional payment of 25% W&S
		To S&A--Req partial payment be made. 9/9	Fed Co. asks if arrgs made 9-8
✓ 198473	8/29	Boat--Criticizes plans, 1/29 Boat	To--Have rec'd partial pay ent be made. 9/9 To--(?) Ditto. 9/9
		Boat fwds plans will be delayed if additions recommended by Bu are added 12/28	standard plan of shore comm station dis- tant control; fwds prints.W
✓ 198487	8/19	Boat submits ests for switchbds M is	To--Appvs with exceptions. 9/2, 8 To--Comments on Machines, 11/4 CARD 107 1/5 To--Ask status of. 1/12 20 kw arc radio sets; fwds plans and estimates.W To Via S&A--Appvs. 9/16
			CARD 145
✓ 198511	9-6	C&R.	Radio telegraph - Flag bridge radio station; fwds revised drawings. W
✓ 198801	9-8	Fed Co NY Apr 1: W	GE has subcontract for switchboard and power machinery; delivery to be made M. 18 Mar 1; To--(?) Asks name of Co having sub-contract for switchboards and starters. 9/8
✓ 198890	9-9	Norf	To--Some doubt as to whether contract for starters has been made 9/12 Radio experimental work; fwds reports on.W

1914

APPARATUS.

Number.	Date.	From or To—	Subject.
195963	8/9	NY	1916 order for 8 radio sets; submits estimate for changing winding of blower motors for quenched gap. W To— Appvs: 8/12
195966	8/9	NY	Type plan of bridge stations for battleships; Phila Vandykes.
✓ 196143	8-11	To Bost-Phila. Bost gives status of order 8-24 TO M.Is. (T) 8-24 Norf gives dates delivery mat 9-1 Fwd NY 8/11 RB 9/27 NY estimate for spares 9-25 To NY—Est appvd. 10/3	Asks if any delay foreseen in completion of manuf of 1916 order of radio transmitters on Atlantic Coast; Bu has reqtd shipment of the NY. W To S&A—(2) Reqt for shipment. 8/11 To NY— Ditto: 8/17 TO S&A shipment reqt norf to NY 8-21 TO Norf lists material to be furnished by the Norf yard in connection 1916 order 8-21 Phila error made in 8-19 Phila reports on status of 1916 order 8-24 Reqt four proofit binders and punches for radio co-ordination plans. W Phila binders forwarded 8-21 8-22
✓ 196274	8-11	To NY.	Asks if any delay foreseen in completion of manuf of 1916 order of radio transmitters on Pacific Coast. W To S&A—Reqt shipment of radio apparatus from Pug Sd to M.Is. 8/14 Pug Sd impossible to ship to reach M.Is by Sept 2. recommends procedure for 1917 8-24 Fwds A and AA size tracing cloth. W
✓ 196149	8-14	To Pug Sd-M.Is. M.Is cannot complete before Dec 1 on acc. unt. delay in material 8-25	
196643	8-15	NY	

APPARATUS: 876

Number.	Date.	From or To--	Subject.
196849	8-15	NY	20 kw arcs sending stations on BS and flag ships; revised plans. W
197030	8-17	NY	Radio order 1916; 8 sets; request authority to expend necessary amount for assembly test, repairs and alterations. W To NY auth \$100 8-21
193558	8-17	SEE CARD #81.	To Firms--Fwds copy proposed revision of specns 16 R1 a for radio telegraph transmitting sets. W To Yards--Ditto: reqt comment. 8/17 To Yards--Makes correction in sheet numbers. 8/18 Pug Sd 8/17 To Companies, fwds proposed specns for 1/2 k3 sets 8-19 To Firms fwds revised specns for radio receiving apparatus 16 R2 8-21 (2 letters) To Firms ditto for field sets 8-21 To Sammis ditto transmitting sets 8-21 Firth, John 8-23 DeForest 8-23 Boston (T) gives reasons for delay 8-26 Wireless Imp Co. 8-25 Boston 8-24 Boston 2 letters 8-25 To Sammis 8-24 To Cos 8-24 To Wireless Spec Co 8-24 To R-C Co 8-24
To Publisher 8/25 To Post (D) 8/25 NY 8-29 Lowenstein 8-29 Chasn 8-29 American R&R Co. 8-30 Phila 9-1 Pug Sd 8/31 To Post 9/6 Washn 9-1 Marconi 9-1 K&C Co replies letter Aug 17 9-6 K&C Co ditto Aug 19 and 21 9-6 Norf 9-8 Pug John Firth 9-9 To Post 9/6 RB 9/15 Pug Sd 9-11 Phila 9-18 Fwd NY--For comment. 11/2 RB 11/13	8-14	Fed Tel Co	Reqn 286 and 287; for 20 and 30 kw sets; request sketches relative to alcohol system, etc. W Fed Co (T) reqt instructions re placing orders for certain 8-19 To--(T) Instructions. 9/20

APPARATUS.

Number.	Date.	From or To--	Subject.
✓ 194529	7/14	Fed Tel Co Personal	Delay on sets building; reports on.W
194574	7/17 7/25	Phila S&A	Reports on status of manufacture of radio sets.W Fwd S&A-- 7/28
194509	7-25	To N.Lang. Pug Sd have never heard from. Mr. Lang 2/8 Lang is sending instruments to Pug Sd for test 5/17 Lang Electric Fixture Co. - Repts. action 6-17 To PS. Repts. report 7/27 Kilbourne & Clark Co T	Offers to test apparatus at Pug Sd. W To Pug Sd-- Fwds copy above 7/25 N. Lang Elec Fixture Co will take two months to get apparatus ready 8/3 Lang Co will have machine ready for test short time 11/17 Request information re radio apparatus re- quiring samples.W To - lists apparatus and spec. 8-28
✓ 194731	7/27	Kilbourne & Clark Co T	Request information re radio apparatus re- quiring samples.W To - lists apparatus and spec. 8-28
✓ 194756	7/26	Bost	Scout Cruisers; standard radio plans; fwds vandykes.W
191074		CARD 79	Drawings of solenoid operating antennae switch 60% completed; two vacancies radio draftsmen 7/28 To NY--Reqt drawings be fwds. Comments on draftsman. 10/27
194828	7-29	To Yards. Washn returns corrected 8-31 M. is fws amended list 8-31 Phila 9-11 M. is Reqt action. 9/13 To M. is-- eqt copy corres. 9/23	Supply and distribution of radio stock; reqt recommendations for changes in.W Post recommendations; fwds catalogue 8/7 Chasn fws list of changes made 8-16 New Orleans fwds list with alterations marked 8-28 NY 10/19
195146	VOID		

APPARATUS. 876

Number.	Date.	From or To--	Subject.
✓ 194960	7/17	Institute of Radio Engineers	Urges Bureau contribute papers to the publication. W
✓ 195119	7-31	To NY.	Radio drawings: states certain instructions from Bureau covering preparation on radio drawings were not carried out. W
✓ 195184	7/31	Norfolk	Submits list of manufacturers for addition to Bureau approved list. W
✓ 195346	8/2	NY	Radio drawing paper, size A sheets; fwds supply. W
✓ 195469	7/27	Olongapo	Request complete file of semi-monthly report. W
✓ 195632	8/3	NY	Fwds prints of type size radio prints. W To NY--order placed with GPO for printing cross-section sheets; Wash Yd distributing point 8/25
✓ 195662	6/26 7/30	ARKANSAS Atl Flt	Radio bulletin #1: comments on location of auxiliary radio rooms, auxiliary station C, stations on flag ships, etc. W To CO Via Atl Flt--Comments on 9/25
194599	8-8	To Yards.	Reqt vandykes and prints of certain radio drawings. W Norfolk 8-28 Phila 8-28 M Is 8/30 Pug Bd 8-28 Chas Now being prepared. 9/12 Chas 9-12 To M. Is.--Reqt list be fwdd. 11/23 Is fwds blueprints and vandykes 12/5

APPARATUS.

Number.	Date.	From or To—	Subject.
193626	7/15	Fed Tel Co T	States of completion of shipment of 20 kw sets; asks if Bureau desires to change delivery of 20's from M Is and NY.W To--No change in delivery desired.7/18
193588	5/16	Pug Sd (Copy)	Ventilation of radio station, ships at yard W To Pug Sd Via C&R--above SE work. 7/19 To NY--(R) Request data on impedance radio generators. 7/21
193712	7/15	Bost	Fwds radio drawings and photographs.W
193812	7/17	Fed Tel Co T	Requisitions 286 and 287, for 20 and 30 kw sets; bids held up pending information on the specifications of motor generator; shall proposals be forwarded without descriptions of power machinery.W To--(M) Adv proposals now; detail description later. 7/18
193842	7-17	To H.P.Yedder. (T)	Lt.Hooper will be in Wash this week except Wednesday. W
193842	7/17	Fed Tel Co T	Request appointment for Deahl.W
193873	7-18	To NY.	Reqt 200 sheets of A size paper with printed border lines. W NY fwds paper sheets 7/28
193874	7-18	To Fed Tel Co.	5 K.W. arc radio sets; offers to test with a view to possible use on destroyers and gunboats. W Fed Tel Co 8/4--asks if Bureau can supply power for testing. To--Directs delivery of set to NY for test.11/6

676 APPARATUS:

Number.	Date.	From or To—	SEE CARD #83.	Subject
193558	7-19	To Yards. Pg 3d 8/8 M Is 8/8	Washn 8-15 Washn 8-15 Phila 8-18	Specification of radio apparatus; lists modifications in: reqt comment and recommendations on. W To Yards— Further changes. 8/5
✓ 193558	8/1	To Yards— Nonf. 8/1 Change in specifications 7/24	To NY—(R) Req't all data on impedance	radio generators; gives any changes in values recommended. 7/21
Chasn 8/8	8/8	To Yards— Ditto. 7/25	NY specifications 7/24	NY comments 8/8
Chasn 8/9	8/9	To Yards— Fwds modi in: 7/29	in delay 90 days on existing contracts 8/1	Boat 8/5 Fwd 8/8
NY comments on specs proposed 7/31		Lowenstein specs called for would result	Radio telegraph, report RN 2A 129A; req't	copy of. W
193966	7-19	To Norf.	Norf fws copy 7/26	
194252	7/20	NY	Drawings requested by Bureau; two radio	draftsmen at yard; work ahead for more
NY prints requested were fwded 7/21 7/31		NY lists radio draftsmen employed and the	than two months. 7/25	To— Lists drawings considered most urgent. 7/25
detailed for work 7/31			To— Bu under impression 5 draftsmen on	radio work; aks if Bu correct. 7/26
✓ 194274	7/14	G.M.Horne, Elec, 3rd Class	Request be transferred to a shore sta-	tion and be given assistance in developing his
			discovery of distant control by radio. 7/25	Fwd Pac Ct Supt— for investigation. 7/25
			Morris Sheppard in behalf of Horne. 7/22	RB 9/2
✓ 194212	7-21	To Marconi Co.	To Dept— Fwds letters for recs. 8/5	To Sheppard— Now being investigated. 8/5
			Comments on understanding of proposed	changes to specs for new spark gap sets;
			requirement for mica condensers will not	effect outstanding schedules. W
194316	7/20	NY	20 kw arc installation; standard plans. W	To Yards— Fwds copy above plan 7/28
✓ 194475	7/21	NY	To C&R— Ditto.	
			Fwds standard plans for flag bridge radiostation. W	To— Returns print showing changes in. 7/27
194500	7/19	M Is	5 kw sets; submits list of items delivered	to supply officer for steamer 1115. 7/27
			to NY. W	

APP RATUS:

1010

Number.	Date.	From or To--	Subject.
191848	6-24	NY	Recommends changes in solenoid switches, cut-outs, etc on portable board for battle radio equipment in order to make one type-board for all battle installations. To--Calls attention to change in numbering of drawings. 7/1 To--Auth granted to modify antenna switches. 7/5
191849	6-24	NY	Battle radio apparatus; class 16; confusion in numbering prints.
191852	6-24	NY	Fwds supply tracing cloth for radio coordination system. To--Gives sizes of cloth preferred. 7/5
191969	6-21	Pug Sd	2 and 5 kw radio sets; status of work; report in detail. Fwd NY 8/25 RS 10-21 To NY--Est estimates be expedited. 9/19 NY will submit reply Sept 25 9-21 Fwd NY--11/7 RS 9/10/17
191667	6-28	To NY.	Radio telegraph; lists drawings of contr's prints received; asks when drawings for other contracts may be expected. 6/28 W
192147	6-29	NY	12 5 kw radio sets; second lot; request Yard be auth to provide hand operated antennae switches and spare fuses for. To--Authorized. 7/5
192115	6-29	At Com Co. T	5 and 1 kw sets; have complete sets available Asks if Navy desires. To--Have no use for. 6/29

876 APPARATUS:

Number.	Date.	From or To—	Subject.
191678	6-29	To NY-Norf-M.Is.	Radio telegraph - Synchronous impedance measurements: reqt detailed statement as to method recommended to adopt a standard method. W Norf recommendations 7/6 M Is fwds report 7/14 NY comments 8/1
192115	6-29	To SEE OTHER SIDE.	
192218	6-30	To M.Is.	Semi-monthly reports; incorrectly numbered. W
192799	7/6	Bost	Submits estimates and specifications for shore station distant control apparatus. W
193232	7-11	To NY.	Radio telegraph: standard plans for 20 K.W. arc installation; reqt drawings be expedited. W NY will be ready for distribution July 18th 7/14
193233	7-11	To NY.	Reqd copy of radio prints; 27869-A, 28587-A and 28591-A. W NY fwds prints 7/18

1410

APPARATUS:

Number.	Date.	From or To--	Subject.
190926	6-8	M. Is	Standard radio drawings; fwsd vandykes of arret for armored cruisers, tugs, and type plans for 2 kw sets. W.
191013	6-12	Fed Tel Co Personal	Cannot agree to return proposal until points in specs are straightened out. W
191195	6-19	Fed Tel Co T	Request Bureau check interpretation of revised specs: 3C kw sets. W. To--(T) Interpretation correct: 6/20
191274	6-20	To NY. (R)	Asks approximate weight 20 KW. arc set with motor generator. W NY (R) gives weight of 20kw arc set 6-20
191269	6-20	To NY--Boat.	To NY--Reqd list of drawings already made be fwsd. 11/23 NY impossible to redraw any drawings until after Jan 1 11-14 To--Ask when list will be rec'd. 11/4 Reqd copies of certain prints. W To--Expedite drawings. 7/7 NY reports difficulty in complying with prints each week, on account of shortage of force 7/13 To NY--fwsd prints when revised. 7/19
191379	6-21	Fed Tel Co T	Asks how series resistance for 20 kw transmitters will be figured. W To--(R) Gives data on. 6/23
191379	6-21	Fed Tel Co T	20 and 3C kw sets; asks if motor control switchboard is to be separate. W

Number.	Date.	From or To--	Subject.
191428	6-20	NY	Radio cross section paper; RY system; fws samples. W
✓ 191658	6-22	NY	Fws type plan showing general arrest auxiliary station as proposed for N.Y. Phila. W To-- Appvs as standard, 7/28
✓ 191649	6-20	United Fruit Co	Rept data on various arc stations of the Navy. W To-- Will furnish data verbally. 6/27 United Fruit appt for July 5 8-30
191612	6-23	To NY. (R)	Asks apparatus required complete assembly 8 5 K.W. navy type radio sets, second lot stating yards from which material due; probable date completion each set. W NY status of second lot 6-29
191721	6-6	Phila	Progress on switchboard, etc for 5 kw sets for delivery M. is. W
191676 NY fws plans 7/19	6-26	To New York	Reqs. vandykes drawing to be added on have change of drawing to be added on
✓ 191669	6-21	Fed Tel Co	Request drawings showing standard at room for 20 kw sets. W To-- fws. 7/7
191675	6-26	To NY	Reqs. description of Lowenstein 2 KEW sets W NY fws description 7/13
✓ 191673	6-24	To Norf-PENNSYLVANIA.	Directs comparison of 10 K.W. of PENNA with 5 K.W. set on one the BS: decision as to whether future BS will be equipped with 5-K.W. or 10 K.W. depends on test. W
191674 NY rec against vandykes 7/20 NY necessary to redraw all sheets in connection with general rearranging from J to F size sheets 7/14	6-26	To New York	CARD 82 Reqs. drawing of solenoid operated switch contains data spec. for in letter W

APPARATUS:

Number.	Date.	From or To-	Subject.
189274	6-3	To NY.	Plan for co-ordination of radio work: classification numbers RE 1A 1060 and RE 1A 107-B; reqt yards be furnished copies. W
189796	6-3	To NY. NY drawings terminal numbering system not completed 8-29 <u>CROSS TO SWITCHBOARDS.</u>	Radio telegraph - terminal numbering system for apparatus; asks when drawings will be fwd to Bu for consideration: 6/3 To--Reqt reply: 7/6 NY est plans will be completed one month; suggestions for numbering terminals on switchboards being manufactured Wash Id 7/12 To N.Y. reqt: action 8-23
189797	6-3	To NY.	Radio telegraph - annual contracts for insulating material; reqt data on. W
189799	6-3	To NY.	Radio telegraph - tracing cloth with printed border lines; asks when will be ready for issue to yards. W NY have returned for repacking 6-10 NY ready June 15 6-12
189955	5-29	Hofelfinger	Asks if any difference in transmitting mes ages East and West, and North and South. W To--Comments on: 6/12 Hofelfinger further 6-14 To-- 7/28
190094	5-26	Fed Tel Co	Fwds photos of 30 kw Federal-Poulsen arc set; 20 kw same genl type. W
190056	6-6	To NY.	Radio telegraph, 20 K.W. arc set; reqt estimates for installation based on latest appvd plans: W NY drawings fwd June 6 6-12

876 APPARATUS:

Number.	Date.	From or To—	Subject.
189802	6-7	To Ships.	Radio arc sets: if soundproofing in the upper deck station is inadequate forward sketch showing desired installation of a soundproof booth for. W COMM not complete no report 6-25
190302	?	Lisa, J	Asks if Navy will sell radio set. W To--No apparatus available for sale. lists firms who handle apparatus. 6/12
190230	6-6	NY	20 kw arc radio starting station for BS; fwds type plans. W
190157	6-8	To Pug Sd.	Graphite resistance rods for protective devices; Pug Sd reqn 257 for disappvd; directs standard apparatus be used. W-R
190263	6-8	To M.Is.	Radio drawings: reqt copies of RS 7F 135B and RS 7F 143A. W Pug Sd fwds vandyke 6-26
190396	6-9	NY	Type plan of 20 kw arc radio scouting station for BS flag ships; fwds plan for C&R. W
190541	6-10	NY	Bridge radio station; asks if instructions for ARKANSAS apply also to other BS at yard. W To--Will be in accordance with standard plans. 6/15

1916

APPARATUS.

Number.	Date.	From or To—	Subject.	
188469	5/20	Darien R	Reqt authority to experiment with hydrogen gas for use in ard chamber	851
188669	5-19	NY	Distance control No 5 for BS; vandykes.W	
188718	5/15	S&A	Standard stock catalog; class 16; radio apparatus; fwds proofs	689
188815	5-19	Fed Tel Co	Specns for radio arc apparatus, ship and shore; comments on requirements of W To—Comments on specns. 6/3	
188982	5-28	Cutting & Washington	Asks who will pay for radio apparatus for new coast patrol boats; also small sizes for su. marines.W To—Comments on. 6/5	
188988	5-20	Pug Sd	Standard installation of Lowenstein sets on GunBoats; fwds vandykes.W To—Appvs with modl. 6/3 Pug Sd sent copy of latest sheets 5-10 To P. Sd. fwds. print 6-26 Pug Sd Reqt action. 7/25	
189098	5-26	To Dept Via S&A.	Recommendations as to purchase of radio material; recommends that the bid of a company whose continued existence and growth is considered of value to Govt may be accepted if it is not more than 10% higher than bids of a small company.W BB S&A considers in interest of preparedness, but impracticable under existing statutes. Dept request comment and further recommendation 6/22	

APPARATUS. 876.

Number.	Date.	From or To—	Subject.	
177096		See Card #70	M Is asks if 2 kw wave changers to be obtained at NY 5/19 To M Is 6/1	
189244	5-27	Bost	Scout cruisers; standard radio drawings; fwds. W To (4) Appvs. plans with modif. 7/14 Bost Regt. action. 7/18 To Directs changes in drawings. 7/19	
187594	5/27	Bost fwds BIA 8-21 To Yards	Radio test reports; directions for submitting W Phila no comments 7/11	
188387	5-27	TO Varicos	Radio apparatus; not to be altered without authority from Bureau; suggestions for changes welcomed.	914
✓ 189620	5-31	Fed Tel Co Personal	Conts 346 and 784; reports delays which have occurred and request extension time. W fwds S&A 6/7	
✓ 189621	5-31	Fed Tel Co Personal	Conts 346, and 784; request inspection be made at Palo Alto factory and 50% payment be made; submits ~~sketches~~ schedule of prices. W	
✓ 189271	5-2	To NY.	SAMMONS-ROWAN-DAVIS-ALLEN-WILKES: duplicate motor motor-generators will be retained at NY To S&A - Regt shipment order 179970-876 be made to include radio motor-generator. 6/2	

APPARATUS.

Number.	Date.	From or To -	Subject.
✓ 187676	5-11	At Flt	Lowenstein to experiment with radio for flying machines. W To--Will take up with Lowenstein 5/16 To Lowenstein--Asks results of test of radio for aeros. 8/16 Lowenstein unable to develop 5-20
✓ 187707	5-12	C&R	Ventilation of radio rooms of large vessels; recommends that 6 or 8 vessels be selected for trial installation W
187677	5/1	San Juan	Have increased ground system with good results; advocates using illuminating gas in arc chamber in lieu of alcohol and kerosene 835
✓ 187595	5-13	To Comdr Air Service Via Dept.	Submits data on radio in connection with air craft. W NY fwds prints 5-22
187896	5-15	To NY.	Reqt copy of plan instructions NY 43A 1044. W
187593	5-16	To Yards.	Standard radio installation drawings: reqt complete lists of all drawings which has been approved by Bu as standard. W NY submits list 5-23 Bos submits report 5-7 Norf submits list 6/8 Norf 6-29

876 APPARATUS:

Number.	Date.	From or To—	Subject.
✓ 188023	5-16	To Deforest Radio T&T Co (T)	Replying wire thursday. W
✓ 188216	5-12	Fed Tel Co	20 kw arc sets; instruction book; applying to ets being furnished under cont 346.W
186851	5-18	To Yards.	Radio co-operation plan; semi-monthly reports; reqt comment and rec re making changes in. W to Pensa.—All yards will send copy of to you. From Nov. 1st issue semi-monthly reports. 10/17 to Yards.—Send copy semi-monthly radio reports to Pensa. 10/18 to Pensa.—Directs semi-monthly radio reports be sent to certain places. 10/30
✓ 188143	5-18	To New Orlenas.	Radio stock; asks whether steps are being taken to carry stock as reqtd by 169886-876; asks if stock of audion bulbs is adequate. W
✓ 188277	5-18	To NY.	Standard stock catalogue; class 16; radio apparatus; and accessories, not classified elsewhere; S&A reqt proc'd returned; reqt drawing numbers of. W

APPARATUS:

1916

Number.	Date.	From or To—	Subject.
186393	5-2	To NY. (R)	Fwds Bu and yards battle radio control apparatus drawings. W NY fwds vandykes 5-8
✓ 186419	5-3	To Wash.	Directs one filter type ultradion control cabinet and storage battery be forwarded to Western Elec Co for test. W To—Cancels above. 5/18
✓ 186420	5-3	To Wireless Spec Co.	Sample radio headband under contract 26127 not satis; former type of headband considered preferable. W To—Returns sample radio headband. 5/6
✓ 186421	5-4	To Bost.	Recd data on type of dry cell manuf by Boston-Burn Dry Cell Co of Bost. W
✓ 186751	5-4	To Crocker-Wheeler Co.	Fwds copy of Bu's specfns covering apparatus for 20 and 30 K.W. Arc type radio sets. W
186422	5-5	To NY.	Drawings of coordination plan; recd certain prints to bring file up to date. W NY revised classification 5-18
186880	5-16 5-3	At Flt. 4th Div Phil a	NY fwds vandykes 5-19 Submits list of work necessary to bring installations up to standard; Phila asks if in accordance with standard radio requirements. W To Phila—Instructions. 5/18

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓ 186947	5-5	NY To—Appvs RY 65F 138A. 7/28	Battle radio yandy as; status of work on delayed on account of shortage of drafting force. W To—Asks when revision of plan may be expected. 7/12 NY standard battle radio diagram; revised; fwsd print 7/21
✓ 187004	5-5	NY	Request standard plans of radio rooms for TBDS as basis for drawing up standard plans for installation. W
✓ 186395	5-5	To Atl Flt.	Bu has reqtd shipment of bulbs to WYOMING from Wash; reqt ~~from~~ test be made of. W To SEA—Reqd for shipment. 5/9
186850	5-8	To Phila.	Protective appliances; reqt two copies of latest drawings of. W Phila fwsd plan 5-16
✓ 187375	5-9	Lowenstein. F	Buzzer set and set for aeroplanes. W ~~xxxx~~
187541	5-11	To Wash.	Order #2 for 12 5 K.W. radio sets; will be held in stock for general issue. W To NY-W.16— fwsd copy above. 5/11
✓ 187672	5-13	Fed Tel Co T	Reqn 287; request certain specns requirements be changed; also that factory inspection be waived and power apparatus accepted on test records. W To—(T) Specfns received. 5/22
187671	5-11	NY	Battle radio distant control system; fwsd standard drawings. W

1016

AUG:

Number.	Date.	From or To—	Subject.
✓ 184490	4-19	To Dent.	Reqt authority to purchase arc radio equipment from Federal Tel Co on proprietary basis. Fwd Dept-- Reqt contract be made. 4/29
185197	4/20	Bost	Request authority to proceed with radio alterations to third division. At Flt: high tension lead, alterations to antennae etc 493
✓ 185202	4-14	At Flt	Byck generator and Dublier transmitter used in making a test of a radio aeroplane; fwd photos. W To-- Desires test on BACILL with Sperry radio relative present. 1/2 Atl Torp Flo returns corres 1/8
185301	4-21	To Phila.	Reqt prints of detector protective relays being manuf at Yd. W Phila fws plan 4-29 To-- Reqt copy plan RL 44F 101B. 5/13 Phila plans 6-9
Phila fws vandyke 7/6	To-- 6/23		
✓ 185604	4-11 4-21	Aero Sta Operations	Radio for aeroplane experiments and tests. Fwd Dept via CBR-- 5/3 BB 5/16 To Wash-- Have reqt shipment of set from Pensacola: reqt est for installation. 5/3 To SCA: Reqt for shipment. 6/3
185516	4-26	To Phila.	Reqt has directed manuf of 25 receiver trans- fer switches at Wash: asks if Wash can spare detector relay for test at Wash.
✓ 185637	4-26	To Bost.	Directs development of standard plans of shore station radio distant control To-- Submit estimate for manuf or purchase of 4 sets of relay keys. 6/8

876 APPARATUS.

Number.	Date.	From or To—	Subject.
185520	4-27	To NY.	Reqt copies of all yard prints NY 667 117 and 115 with errors in reference numbers corrected. W
186144	4-27	At Flt	Submits comparison between 30 and 15 kw arc sets. W
185668	4-28	To Fed Tel Co.	Specimens for Radio Arc Set. Ship and Shore stations" fwsd copies of. W
✓ 185225	4-27	New Orleans	Request prints of all radio stores carried by Navy Yards. W To— Fwsd. 5/15
✓ 186535	4/27	Atl Flt	Fwsd report on comparison of 30 and 15 kw arc sets. W Wd Dept via Rad Ser— Comments on. 5/6 RB 5/16
185669	5-1	To C&R. C&R directions issued 6-5 To NY—Instrns 7/7	Standard plans of radio bridge station; gives modification in. W To Atl Flt— Ditto. 5/1 To NY— 5/1 C&R asks what flag bridge station means 5-11 To C&R—Defines term. 5/15 Marine Corps rect action C&R instruction issued 5-31 UTAH: reqt estimates for installation on of control box in upper deck arc station. W
186250	5-1	To Norf.	

APPARATUS.

1916

Number.	Date.	From or To—	Subject.
✓ 183797.	4/5	Hon. C. U. Stone	Reqt wireless map showing Government land, Naval Stations, etc. W Fwd 2d Ser-- 4/7
✓ 183815	4/3	A. Nelsen	Reqt description of radio station. W
✓ 183950	4/6	NY	Fwds blueprints of Marconi's and Simon's 1/2 kw sets; Marconi's and Lowenstein's 5 kw sets; Gives contract, requisition numbers. W
✓ 183988	3/30	Fed Tel Co	20 kw arc radio sets on contract 346; fwds prints. W
✓ 184095	4/5	National Elec Supply Co	Contract 24625, 1/2 kw radio transformer set; fwds description and photographs. W To--ack receipt of. 4/8
✓ 184214	4-8	Major H.E. Wood, Retd:	Request probable cost and description of a small set, radio station to transmit 150 miles. W. To--Gives data on. 4/12
✓ 184274	4-5	Federal Tel Co	Fwds genl arret plan for 20 kw arc sets to be installed on B5. W To Bost--fwds prints of. 4/13 bost fwds prins 6-8
✓ 184330	4-4	Pug Sa	Unarmored cruisers and gun boats; standard arret radio rooms; fwds vandyke. W To--prints. 4/12 To--Comments on plan; recd new drawings be submitted for a. 4/26 To NY--fwds 3d copies of prints of Lowenstein 2-K.. radio sets. 4/26

APPARATUS: 876

Number.	Date.	From or To--	Subject.
✓ 184327	4-5	Fed Tel Co	Fwds prints of 20 kw arc sets on cont 346.W To-- Ack receipt of. 4/12
V 183898	4-10	To Yards.	Reqt copies of shipboard standard radio plans be furnished Olongapo and New Orleans. W Chasn 4-14 New Orleans 4-27
V 184133	4-11	To Marconi Co.	Bu has recommended award of contract under schedule 2245 to Marconi Co for direction finding apparatus; reqt copy of description of apparatus together with prints.
✓ 184561	4-7	M.I.s	2 1/2 kw sets manufactured; asks disposition to make of. To-- Gives assignment of. 4/19
184491	4-15	To C&R.	Standard radio plans, armored cruisers and gunboats; fwds. W
184706	4-18	To M.I.s.	Reqt plans and estimates for manufacture of two 20-M.I. a.c. radio sets in accordance with specs for. To-- Reqt action: 7/12 M Ie plan 70% completed, can submit estimated by Aug 10th 7/28
185200	4-19	NY	Radio distance control; fwds vandykes.W To-- answers with comment. 4/21

APPARATUS:

Number.	Date.	From or To--	Subject.
181902	3-5	Olongapo	Reqt standard radio drawings.W Fwd NY 3/20 RB 4/29 Fwd Wash 3/20
✓ 182037	3-11	Pug Sd	Fwds article by RH Marriott on radio development; request authority to publish.W
✓ 182089	3-14	Fed Tel Co	Arc apparatus; recent developments; recommends substituting bronze block castings for insulated wiring at cathode ends.W To-- Comments on 5/26
182120			NY (R) gives charges 3-20
✓ 182152	3-1 3-14	The Citadel Chasn	Reqt authority to buy obsolete radio material. W Fwd Dept-- Sale satis. 4/5 Citadel further 3/27 Fwd Dept-- 4/10
✓ 182142	3-20	Sammis, F.M.	Request opportunity to bid on future requirements Fwd S&A--3/22
✓ 182105	3/20	To Wash via S&A	Reqt shipment to Cavite of Hudson filament bulbs for use in connection with radio and ion receiving apparatus.W
182120	3/20	To NY D	Asks total cost as carried in store one five kw Navy type set complete, first lot, including one receiving set.W

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓ 182339	3-18	Fed Tel Co	20 and 30 kw sets; now under construction; fwds prints showing rotary wave changer. W To—Ack receipt of. 3/24
✓ 182391	3-22	Nav Intel	Poulsen system; Argentine Naval Com request specs covering. W. To—Unable to furnish; information confidential. 3/27 To Fed Tel Co—States Bu informed by foreign govt that Co could furnish radio set similar to that purchased by 3/27 Bu assumes informant mistaken. 3/27 Standard plans; radio telegraph antenna for TBDS; fwds: W
✓ 182615	3-24	To Atl Flt.	
✓ 182758	3-18	At Flt	Arc radio sets; submits list of faults and causes for same. W
✓ 183068	3-25	Best	Fwds tracings of standard radio installation for Scout Cruisers. W To—Appvs. 4/3
✓ 183019	3-29	To S&A.	Specs for radio arc set, ship and shore stations; fwds copy for blueprinting; for issuance to manufacturers of radio apparatus. W
✓ 183118	3-31	To Wash.	Calls attention to unsatisfactory condition of radio apparatus shipped from Wash to N.Y. W
183651	4/3	NY	Letters from N. Tesla relative to his wireless system. W To N. Tesla—Information to be confidential; unable to furnish. 4/18 To—Fwds copy reply. 4/18 [OVER.]

APPARATUS:

Number.	Date.	From or To—	Subject.
179349	2-17	To T.D.Bowes.	Have authorized Phila to permit you to inspection of 1/2 K.W. panel radio set. W To Phila--authorized inspection of set. W
179971	2-25	To NY.	Order #2 for 12 5 K.W. radio sets; recd plans and description of. W
180315	2/3	National Elec Sig Co	Personal to Clark: Asks how to go about securing business from the Government. W
180263	2-28	To Pac Flt.	20-K.W. arc radio sets for armored cruisers; two sets are due for delivery in near future. Asks which cruisers should receive installation. W RB 3/25
179970	2-29	To Bost.	SAMSON-DOWAN-DAVIS-ALLEN--have recd shipment of 4 1/2 K.W. Navy type radio sets for; recd estimates for installation. W To S&A--Recd for shipment. 3/29 To NY--Makes assignments for 8 5 K.W. Navy type radio sets. 3/29 To S&A--Recd shipment of 5 sets to Phila for MIIPES & WATSON. 3/29 To Phila--Notifies of shipment; recd plans and estimates for installation. 3/1 To Bost--Recd estimates for SUPPLY SHIP. 3/1 Bost asks what estimate for installing new destroyers shall cover 3-4 To Bost-- 6/13
180873	3-1	McDouwell, C.F.	Recd instructions re installing radio outfit. W To--Fwds spec'ns covering. 3/8

876 APPARATUS:

Number.	Date.	From or To—	Subject.
180939	3-7	To M. Is. (R)	Do not manuf items mentioned in Est for manu. ISA 2426 pending further instructions. Y M. Is (R) corree-mailed this date 3-12
181106	3-8	NY	Radio apparatus; fwds misc. W
181267	3-10	NY NY will send prints 4/24 4/12 To NY--Expedite plans. 5/15	Buttle radio installation; auxiliary radio room; rect instructions re insulating rat tail lead and tube portable set. W To--Instructions. 5/15 NY auxiliary 3-20 To--changes appvd; fwds drawings. 3/28
181552	3-13	NY	Auxiliary station; sound proofing of; one drawing calls for; other noty rect decision. 7 To--Soundproofing will not be provided for auxiliary station. 3/15
181614	3-13	To Memo to Asst Secy.	Gives approximate cost of certain radio stations. W
181654	3-3	At Flt 2	Ara chambers; explosions in; suggests keeping air tight to prevent. W
181575	3-14	Fwd S&A--8/2 RB 9-7 RB 7/22 To M. Is. re ST. LOUIS & SARATOGA 5/26 RB 621 To--(R) Report probable date Fwd Phila 6-24 shipment; 5/12 RB 7-13 To Pug Sd--(1) Expedite plans Est for CHARLESTON. 5/15 To Sd (R) recommendations 5-18 To S&A--Expedite shipment. 5/17 3/15 Ord	B&W M. Is reports on status 6-5 CHARLESTON, W. MAURICE ST. LOUIS-CHATTANOOGA/ assigns S. L. W. Rev. type radio sets. Order #2 to NY status of, status of 2nd lot 6-27 To S&A--Rect for shipment radio set from M. Is to Pug Sd for above ships. 7 To Pug Sd--Notifies of assignment; rect plans and estimates for installation. 3/15 M. Is can make shipment 6-1 5-13 To Pug Sd--(R) 5/16 Fwds report from BIRMINGHAM on test of the effect of high frequency constant oscillations of a high powered arc transmitter on electrical primers. W
181720	3/15	Ord	

APP. STATUS:

1916

Number.	Date.	From or To—	Subject.	
176945	1-15	M. Is	1/2 kw radio set; estimate for mfg. W To-- Appvs. 2/3	
177020	1-15	M. Is	5 kw radio set; lot No 1; gives actual cost of manufacturing. W	
177105	1-24	M. Is	5 kw sets; fwds plans for approval. W To Via NY--Appvs. 3/6	
177095	1-15	M. Is	Fwd S&A--Disappvs M. Is reqt to manuf radio sets. 4/4 2 and 5 kw radio sets; estimate for manufacturing; fwds plans. W	See card 77
			To Via S&A--Appvs estimates for manuf. 2/29 To Appvs est. 3/27	2/24
M. Is submits estimate protective app	3-14	To Phila--Furnish M. Is plans of.	2/24	
177219	1-26	To S&A.	Reqt shipment copper tubing inductance coils from Bost to Wash. W	876
177417	1-26	Pug. Sd	Arc type radio station; shore: reqt plans. W Fwd Y&D--1/31 RB 5/8 To Y&D--Reqt copy of plan now being prepared be furnished Pug Sd. 2/10	
177444	1-27	Phila	Specns for radio set; reqt interpretation list of spares. W To--Gives interpretation. 2/1 To S&A--Reqt change in specns. 2/1	
177543	1-31	To S&A.	Manufacture of Order Number #2 radio sets; gives assignment of work underway, reqt shipment be expedited. W To NY--12 spark gaps cannot be com- pleted by April 1st Bu will order on leap. 2/1 To Yards--Fwds copy above letter to S&A. 2/1 NY will be completed about Apr 1st 2/4 Bost reports shipment switches to NY 2-4 Bost reports shipment of jar racks 2-4 To Bost--2/15 RB 2/26 M. Is submits estimate 2-19 To M. Is--Reqt further info re replacement of Crocker-Wheeler generator. 3/4 Fwd S&A--Appvs est manuf motor-generators at M. Is. 4/4 RB 4/6	
			To M. Is--(T) Estimates manuf radio generators appvd. 4/8 To M. Is--Appvs est. 4/10 ? To Yards--Reqt expedite com- pletion of lot radio sets. 4/26 RB from Wash 4/29 NY to be completed 5/31 5/1 RB 7-13 Bost 5/1 To Bost--5/4 Fwd NY-5/25 Phila 5-5 M. Is reports status 5-3 Fwd NY--5/11 RB 5/24 To M. Is--Re coil winding machine. 5/24 Bost reports shipment material 5-26 M. Is reports shipment to NY 6-8	

NE 0120

M. IS ARM SHPD 6-18

APPARATUS: 876

Number.	Date.	From or To	Subject.
177959	2-1	NY	Reqt co-ordination class 70 be assigned to radio distance stations.W ~~To--Apprs: 2/21~~
178358	1-29	M.Is	radio drawings for cordination reports; reqt supply of. W Fwd NY--Prepare recon covering material. 2/18 RB 3/20 To--NY will supply stock. 2/18
178477	2-9	To Western Elec Co.	Have issued instrns to Yards to consider proposition of renting telephone lines to connect the transmitting or receiving stations. W To Yards-- Fwds copy above: 2/9 RB from New Orleans 2/18
178709	2-10 NY 5-10	To Atl Flt.	Arrangement of upper deck scouting station, 20-K W. arc radio set; fwds copy of drawing for comment and recommendation. W At Flt returns print comments; make operators room larger 2-19 To NY--Apprs plans with mod. 3/4
178990	1-3	Asiatic Flt	Request that semi-monthly reports be forwarded to Ciongapo and Cavite.W
178955	2-7	Train Sta, Norf	Reqt old radio apparatus for signalling squad. W Fwd Wash-- 2/15 RB 3/9 Fwd Wash-- 3/15 RB 6/9 To S&A--Reqt shipment rec set from Wash to. 6/10
179269	2-16	To M.Is.	Asks authority for manuf of oscillation transformers and loading coils. W M Is corrects 2/26
179317	2-9	Pac Flt	Fwds sug estions of Gunner W.W. Fanning for using different tones instead of dots and dashes for sending code messages; typewriter and duplicator operations of shore stations. W Fwd Ad Ser-- 4/13 RB 4/15 Fanning reqt letter be made matter of record 4-18

To NY--Modi plan to include soundproofing operator's compartment. 5/2

To Pac Flt--Comments pp. 5/23
To Fanning--Fwds copy above. 5/23

APPARATUS:

1915

Number.	Date.	From or To—	Subject.
174465	12-28	To Yards- Ships.	Arc type radio installations; gives precaution against electric shock. W
174486	12-28	To Yards-Ships.	15-K.W. arc radio sets; main hand key for will not be installed; return to NY for future disposition. W Post turned in for snipt NY 1-7
174955	12/28	VIRGINIA R	Asks what BS are equipped for arc transmission in addition to NEBRASKA.W To--(R) Kames ships. 12/30
174958	12-30	To C&E.	Radio equipment for ships; standard sizes; submits data on. W
✓ 175064	12-30	Radio Division	File of old correspondence between Bureau and Capt S. S. Roysen relative to early radio systems, installation, etc. W
175326	12-31	NY	Radio installation on BS and Flag Ships; fws plan. W.
175367	12-23	Dupre, Hon HG	Recd radio data for R.R. Ellis. W Fwd Red Ser--None available. 1/6

1916

APPARATUS.

876

Number.	Date.	From or To—	Subject.	
175297	1/4	To A tl F 1 t	Radio information desired from Winter maneuvers; lists questions to be reported on upon return of fleet	493
175979	1-8	To Dept--Gives status of radio material and construction work, Dec. 31, 1916. 1/9 Operations To--Ditto for Aug & Sept. 10/12 To--Gives radio progress during February. 1/6 To--Ditto for March 4/4	Radio work; reqt monthly memoranda of progress of radio work in carrying out program adopted by Board Feb 23. W To--Gives work completed during past six months. 1/20 Old Telefunken apparatus; reqt instructions re disposition W To SEA--Reqt shipment to NY. 1/15	
176260	1-11	Bost To--6/6 To-7-31		
176526	1-18	NY	1/2 kw spark type radio set; estimate for manufacturing. W To-- Appvs. 2/3	
172927	1-18	To Yards-Ships.	Radio apparatus for ships in reserve and out of commission; gives instructions re submitting reqts for apparatus for. W	875
176540	1-7	Pierce, Butler & Pierce	Reqd information re equipping station capable of ending 200 miles. W Fwd Had Ser--1/25 To--Suggests take up with manufs of radio apparatus. 1/25	
176613	1-6	M. Is	Radio transmitting set specns. proposed. W Fwd NY Via Wash-- For comment. 2/7	
167433	1-21	SEE CARD #64.	To Bost--(R) Ship radio oil engine to Phila. 1/21 To Bost--(R) Asks why repairs to engine. 1/21 Bost (R) Gives history of engine and why repairs necessary 1-22 Norf set turned in NY 2-19 To M. Is--Lists certain apparatus not reported. 4/26 To M. Is--Ditto. 4/26	RB 5/16 18RB 5/12

APPARATUS:

Number.	Date.	From or To -	Subject.
✓ 172663	11-30	To NY.	Radio material on hand; reat information as to disposition of material shown to at yard. W
		NY received from Chasn 2-10	NY reat copy of certain correspondence 12/11
		To S&A - Reat for shipment. 2/15	To copy forwarded 12/15
			NY gives data 12-30
✓ 173147	12-1	NY	To NY - Bu located Receiver. 1/6
			Fwds genl arret plan main radio station BS. W
			To - Appvs. 12/8
172927	12-9	To Dept Via Rad Ser.	Radio apparatus for ships in reserve; asks Let's policy of equipping old type of ships.
173419	12-9	To C&R.	Bu will install 15-K.W. arc radio transmitters on certain ships; reat C&R work in connection with installation be completed prior to July 1st. W
173638	12/10	Paul V. Heine Heine	Reat discarded obsolete radio set W
			To 12/15
173728	12-11	To NY. (R)	Report shipment made 15 K.W. arc radio sets; also date manuf loading coils will be completed; expedite coils for Great Lakes. W
			NY R Gives status of. 12/13
173884	12-14	C&R	Arc radio sets; not certain whether work under C&R can be undertaken prior to July 1, 1916; for installation on Cruisers; reat plans. W
175973	12-15	NY	Reports on test of 15 kw atc set Red Co cont 89; submits recommendations for specs for new arc sets. W

ALPARATUS: 876

Number.	Date.	From or To—	Subject.	
✓ 174095	12-16	DeForest Co	Reqt Bureau observe new address in sending schedules and other official papers. W Fwd S&A - Noted 12/18/16 To-- Recd 12/18/16	
✓ 174266	12/18	Radio Engineering Co	Reqt schedules of equipment for radio apparatus. W Fwd S&A - 12/21 To-- 12/21	
174330	12-20	To NY.	Reqt early report on 1C-K.W. radio transmitter assigned FENN. W	130-6
✓ 174392	12/18 12/20	Hon? Wm. S. Kenyon Dept	Reqt C. J. Miller be furnished with information on To-- [Secs] 12/23	
✓ 174566	12/21	NY	Type plan of upper scouting station for BS and flagships; fwsd prints of changes. W To-- Appvs. 12/24	
174583	12-23	To NY.	Manuf of 1/2 K.W. radio sets; reqt estimates for. W	
✓ 174605	12-23	To Dept.	Co-operation of American T&T Co and Western Electric Co with Navy Dept. as regards national defense; calls attention to. W	
174687	12/23	Phila	Screws; reqt decision as to whether or not the ASME standards are to be used for radio equipment 738	
174765	12-27	To Yards.	Manufacture of 2-K.W. and 5-K.W. radio transmitting sets by Atlantic & Pacific coast yards during 1916; reqt estimates be submitted for. W Best estimate 2-2 To Yards 3/29	
Puc Sd () 3-29 reports My est hell up pending completion of trial gap 2-12 NY estimates 4/12 To Bost--Appvs estimates 2/15 Phila estimates 2-29 To NY--Reqt est. 4/6 Puc Sd () reqt additional info 3-9 To Puc Sd--() NY directs to expedite plans for wave changers. 4/6 To Puc Sd--asks status and directs report progress 6/1				
NY-0120 To Bost--Discrepancy in 2/8 estimates 4/17 For Bost see 172363-2-3 NY re estimate 4-26 Bost est in NY reqt nearly correct 2-12 Phila--Appvs estimates 4/28 To NY--Appvs est. 5/1				

APPARATUS:

Number.	Date.	From code—	Subject.	
170562	11-9	Go Yards.	Standards radio installation drawings; instructions re preparation. W To Fleets-Rad Ser--Fwds copy above, 11/9	
170922	11-9	Phila	Radio sets, lot No 2; fwds plan of rotary spark gap developed for.W	
170920	11-9	Norf	COLLIERS & AUXILIARIES: standard radio equipment for; fwds plans & To--Returns apvd. 11/12	
170829	11-10	To S&A.	Specs 15-R-1, revised, radio sets; fwds for printing. W-K S&A fwds proof of specs 11/23 To-- Returns, 11/26	
171030	11-8	Bost	5 kw sets; fwds print of rotary spark gap mfg for.W	
171044	11/12	To Ports	TENNESSEE; as ship is scheduled to leave yard before WASHINGTON, the first 15 kw arc radioset is assigned former vessel	431-6
171032	11-12	To Bost.	Reqd information re disposition of certain radio material. W Bost 11/19	
171451	11/11	M Is	5 kw radio sets; second lot; submits list of generators, starting panels, etc. to be shipped to NY and number to be retained M Is.W	

876 APPARATUS:

Number.	Date.	From or To--	Subject.
171363	11-16	To Bost.	Asks assignment made of two 2-K.W. radio transmitting sets under contract 221. W
SONOMA and ONTARIO	12-10	NY gives nos of those assigned	RB 11/30 To NY--Asks if receiving apparatus was shipped with radio sets. 12/4
171364	11-16	To M.Is.	"Instructions for installation and operation of Poulsen type of arc transmitter" recd 25 copies of 11/16 M Is fws 25 copies 12/9
171472	11-17	To Bost. VOID	
✓171476	11/16	Emil J. Simon	Contract for 25 half kw sets; states owing to time required in connection with defending Marconi suit, will require time of delivery. W be extended. W
171673	11/16	NY	30 to 100 kw arc sets furnished on contract 350; fws prints. W
✓171737	11/18	Marconi Co	Reqd list of ships and stations fitted with Marconi apparatus. W To--Unable to furnish. 11/23
172079	11/19	Supt Bost District	Reqd be furnished with all semi-monthly radio reports. W To Via Bost--Unable to furnish. 11/26
172199	11-25	NY 1	5 kw sets Boston Mfg. Adverse report on rotary spark gaps furnished. W To--Reqd repairs to made. 11/27 NY set 12-5
✓172244	11-24	Norf	To NY--Adv est. 12/9 Coilers and auxiliaries; standard radio drawings; fws. W
✓172606	11-30	DeForest Co	Gives new address for correspondence: F.M. Williamson, former president resigned. W
172541	11-30	To H.P. Veeder. (T)	Wednesday forenoon satis. W

1915

APPARATUS.

Number.	Date.	From or To--	Subject.
✓ 169235	1 0/23	NY	Coordination plans, radio; reqt class be assigned to cover radio rooms and general location plans. W To--Appls with modi. 11/2 NY reqt interpretation of par 1 bu letter 11-12 To--Comments on. 12/7
✓ 16923	10-26	Asaburn, A.A.	Reqd written confirmation that Lt. Hooper refusal to give information relative to Federal Tel Co. unless directed by H.P. Veeder. W To--Confirms. 10/29
✓ 169454	10-15 10-26	USS NEW YORK at Fleet	Deck scouting station; reports on defects with recommendations for future installation. W Fwd NY 11/15 RB 12/2
✓ 169469	10-18	Zhl. H.S.	Reqd opportunity to purchase condemned radio material. W Fwd 441--Comments on. 10/28
✓ 169455	10-23	Pailla	5 kw radio sets; submits inc estimate for wave changers for. V To--Comments on. 10/29
✓ 1.9568	10-21	Wudine, A.P.	Asks where to obtain radio apparatus. W To--Take up with manur. 10/30
✓ 169765	10-28	GO- NY	15 arc sets; Federal Co. Reqd authority to proceed with certain repairs at Company's expense. W Fwd 441--Reqd arrangement to made to cover work mentioned. 10/29 RB 11/2
✓ 169694	10-26	Norff	Colliers and Auxiliaries; standard plans for radio equipment. W To--AL vs. 10/30 Fwd NY-- 11/15

NH-0120

APPARATUS.

Number.	Date.	From or To	Subject.	
167619	10/6	To NY	Binders for A sheets radio drawings; ack receipt of	634
167663	10-7	To NY.	Description of 5-Y.W. navy type radio set; rect. W NY will fwd 10-20 10-15	
167916	8-3 9-7	Olongapo Asiatic Flt	Gives description of wireless outfit including mast and equipment in store and not required; cannot be used on vessels of fleet. W Fwd Y&D--10/14 BB 10/18 To -- appvs 10-20	
168011	10-5	Cuchholz, S	Wants to buy discarded radio apparatus. W To--is sold at yards at auction. 10/14	
168092	10-6	M. I		
168093	10-6	M. Is	Submits estimate and request authority to manufacture antennae shortening condensers for stock. To--Appvs 10/14	
168248	10-6	M. Is	Motor generator spares and variable reactance; detail drawings. W	
168390	10-14	To S&A.	Rect shipment of radio apparatus from Wash to ships and shore stations. 10/14 W	
168519	10-16	TO NY	Rect report on condition of apparatus purchased of Nat Elec Sig Co. cont 14418. NY generator and transformer were shipped <u>Cape Blanco</u> in June 1913 10/23	

GROSS

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓ 168250	10-16	TO GE Co GE Co fws report on 12/20 To GE Co--ack receipt 1/10 GE quotes price 2-13	turbo generator Reqt comment on purchase of 10 2 kw sets. rpm of 1800 to replace those purchased from Nat. Elec Sig Co. cont 12874. Co 11/9 To--Reqt description of 3 K W marine engine gen set with cost. 11/12
168804	10-9	M. Is	Arc sets: notes: fws 50 bound copies to Yards--fws instructions for installa- tion of. 10/22
✓ 168790	10-18	NY Ports have not received plan from NY. will submit estimates on receipt 10/23 Fwd NY--10/25 RB 11/2 Fwd Ports--11/3	15 kw arc radio sets: fws print showing proposed arrgt. W To Phila expedite estimates 10-20 To Bost ditto 10-20 to Ports ditto 10-20 To NY appva
✓ 168898	10-11	M. Is	Standard plane radio equipment: antennas for tugs and Cruisers. W To--Appvs with modif. 10/26
✓ 169000	10-18	Alabama Nat. Guard Sig Corps	Reqt opportunity to buy discarded radio apparatus. W To--None available. 10/23
✓ 168954	1 3/21	To NY R	Asks status 3 radio 15 kw arc sets for UTAH, NEBRASKA and BIRMINGHAM. W NY apparatus delivered without power machinery and switchboards 10/23
169067	10-15	Supt Bost	Bu Standard papers and research reports: reqt. W
✓ 169085	10-22	Phila	Standard plans: fws vandykes of arrgt radio rooms on Destroyers, etc. W To--Appvs with modif. 10/28
169162	10/21	Washn	Reqt authority to make requisition for suf- ficient material, aluminum, platinum, brass, etc. for use in manufacturing radio appar- atus: prices rapidly advancing. W To--Appvs. 11/10

1915

APPARATUS:

Number.	Date.	From or To—	Subject.
165379	9-9	To NY.	Arc radio transmitters for flagships; rept plans of WYOMING'S arc installation he fwd to yards for use in making plans and estimates. W
TO NY re description of app 10-18 Fwd C&R CONN location satis 10-19			To Bost-Phila-Ports--Reqt estimates for installation of upper deck radio stations on flagships. W NY submits est 10-2 To NY-- 10/4 To NY--10/6 NY est 10-9 To NY--Appls est for motor driven pumps. 10/11 CONN sketch of upper radio sta 10-1 NYBy plan shows no clearances 10-14
Bu. 47	9-9	To S&A.	Bu Reqn 47/1916; 15 K.W. arc radio trans- mitting set; rept change in delivery of. W+R
165513	9-10	To Bost-Phila-M. Is-NY.	Cost of 5-K.W. radio set, lot #1, navy yard manuf; rept report on. W Bost-submits est. W. 9/22. NY gives corrected cost for loading coil 11-4
✓ 165653	9-8	South Bend Watch Co	Reqt instructions re installing radio set. W To-- Not available. 9/18
165687	9-4	M. Is	Reqt 2 complete 2 kw, 500 cycle sets from NY for stock. W
✓ 166018	9-14	Marconi Co To--wld visit Friday 9/28 Co. rept. date of visit to factory to inspect	2kw and 1/2 kw commercial sets; fwds photos; quotes price. W To--Ack receipt of 9/17 new type set 9/20
✓ 165973	9-16	To Yards. Host no deficiencies: 10-19	Report desired on deficiency of radio station in order to complete equipment for primary ~~alarm~~ system. W RB FR New Orleans 9/25 RB FR Wash 10/2 RB FR Key West 9/27
✓ 166236	9-14	Pag. Sd	Radio equipment Cruisers and Gunboats; fwds plans. W To-- gives plans 10/7 To--Returns plans. 10/12

Number.	Date.	From or To	Subject.
✓ 166635	9/9 9/24	NY C&R	Distant control radio stations on board ship; feds plan of proposed metal radio house on Admiral's bridge; C&R reqt names of vessels on which install to be made. Fwd C&R--Gives ships 9/27 To NY via C&R--Auth installation on 9/27 To Atl Fit--10/1
✓ 166715	9/20	MacLeod, Roger	Req't permission to purchase obsolete Navy as: To--Not for sale. 9/30
✓ 166856	9/26	Clark, G.H.	Co-ordination scheme: req't addition of new class No. 62 wire conductors. W To NY--Includes above. 10/13 To NY--Req't 2 copies RE 1A 100C. 10/26
167285	10-2	NY	Loading coils for 30 kw arc sets: est for 10 W To--Apvva est for 10/5 To--Asks probable date completion. 11/11
167415	10-4	NY	as stand. 11/11 Have adopted Locke Co insulator drawings showing location of switchboard. W To NY--Asks vs. 10/7 To NY--Asks vs. 10/7 NY gives proposed use of insulators on regn 643. 11-6 NY feds standard plans 10-18 To--Apvva with modif. 10/23 NY feds plans distant control 11-1 To--Apvvs drawings. 11/6
167644	10-1	Geo. Washn. Life Ins Co	Asks firms who can supply small radio sets. W Req't further information 10-18 To-- Gives. 10/23
✓ 167627	10-6	Goldhorn, Dr LB	Feds specs of his apparatus: have been unable to bring set to NY for test. To--Matter now under investigation. 10/9 To--Comments on. 11/3
167433	M. Is 2-26	To Post-(T)	Asks condition Reitz & Weiss oil engine. 1/19 NY 4-26
NY 5-10	10-6	To Yards	Reqt report be submitted giving radio material on hand. W
NY 5-10	10-6	To Phila-12/6	Phil 10-14 NY 10-18 Ports 10-18 To NY-1/10
app 11-6	To Norfolk	11/16	Pug 8d 12/8
To VULCAN	Asks disposition of old	12/8	To NY--Ditto. 10/22 To Chas--12/4
Essenden receiver	11/18	To NY--12/4	To Ports--Further. 10/26 RB 11/1 Bost 1-20(R)
To LECLAS	11/17		To Chas--12/4
Wash 12/9	Chasn 11/16	Norfolk 11-30	To York 12/11
	Phila 12-14	To Pug 8d--1/12	Rg 3 20 Chasn 12/17
			VULCAN 12/18 NY 1-21

SEE CARD # 69

APPARATUS:

1015

Number.	Date.	From or To—	Subject.
164038	8-12	M. Is	Reqt shipment of misc elec material from NY for stock. W Ror S&A. 8-24 RB 1/20/16 Fwd NY--11/27 RB 12/4 Fwd M. Is--12/4 RB 12/24
163099	8-25	At Com Co.	States quotation did not include towers, antennae, and installation. W TO -- ack 8-26
164396	8-23	DeForest Co	Reqt appt for Aug 25
164439	8-26	NY	Fwds copy of sent to wash coast yards listing battle radio material in stock. W
164543 VOID	8-23	Pug. Sd	July 18 to 21
164533	8-16	M. Is	S bmits detailed estimate for mfg arc apparatus.
164594	8-28	NY	Distant control for radio station aboard ship: Fwds proposed plans. W To--Returns with modl and comment. 9/13
164689	8-31	NY further explanations of modl. recom. 9/23. To NY-9/26 To Dept via C&R. X To C&R--Gives stations required. 9/26	Upper radio stations for Flagships: gives tentative assignment of: asks if satis. W RB 9/11 C&R asks if upper deck arc radio to be installed on flag ships now under const 9-10 Estimate for manufacturing gaps, and protective appliances for 12 5 kw sets. W Fwd NY--Recommendation. 9/2 RB 9/14 To--Appvs est for manuf. 9/15
164836	9-1	NY	transmitters are
165977	9-3	NY R	Reqt M. Is mfg and express reactance for 5 kw sets. W To S&A--Reqt manuf of radio reactances at M. Is. 9/3 S&A instruna issued 9-4 To NY--Have appvd manuf of. 9/4 To M. Is--Apvs manuf of reactance. 9/4

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓ 165115	8-28	M. Is	Reports on efficiency test of 5 kw Navy type set developed at yard; tested set assigned BUSHENLL.W
165142	9-4	Norf	5 kw. 500 cycle sets mfg M. Is; reqt plans.W 7 Twd NY 9/7 RB 9/27 To-- NY reqt to supply. 9/7
✓ 165056	9-3	Richard, Pfund	His a paratus is worth difference in price.W
✓ 165040	9-4	To Federal Tel Co.	Furnishes information in connection with future Poulsen arc transmitters.W
		To Fed Tel--Reqt proposal for purchase of San Diego Apparatus. 9/14	14 on Darlen 9-8 reqt additional information
		To Fed Tel (T) Ditto. 9/14	To Darlen--(R) reqt information re arc chamber crack. 9/14
165200	9-4	NY To NY Via Phila-II/10	1st lot of 12 5 kw radio sets; reports on test; calls attention to defects in work
NY recom. be del without rheostats 10-18		To Phila-M. Is--Notes defects in apparatus manu at Yd. 9/9 To M. Is-11/10	Phila. M. Is and Bost. W. NY re land covered wire 10-22
Phila applies to NY criticism 10-4		M. Is prints 10-18	To--Appva purchase of rheostats. 9/9 To NY 10/21
✓ 165230	8-30	M. Is	To M. Is--10/13 To NY--Specs for wire; rect. 10/13 5 kw sets; fwsd details drawings; transformer and motor generator. W
✓ 165293	9-8	NY	Standard plans for 3S radio equipment; fwsd showing installation on NEW YORK; recommends against placing arc in same compartment
		To Fed Tel Co--(T) Reqt drawings. 9/21	To-- Comments on location of. 9/13
		with operator.W	NY reqt drawings of 9-18
✓ 165287	6-17	No source	Specs for arc radio sets; 15 kw; as modified from Bu reqn 101; by conference Hooper, McDowell, and radio aides.
✓ 165501	9-8	At Flt	Distant control stations on board ship; fwsd sketches showing simplification in connections proposed.W

1915

APPARATUS:

Number.	Date.	From or To—	Subject.	
162615	8-5	To Atl & Pac Flts.	Transfer of radio outfit with shift of flag; recd recommendations as to items which should be carried as part of the flag without special authority from Bu. W	
		Pac Fleet 8-18 Pac Coast Supt 8-28	Atl Flt submits list of equipment recommended as part of flag radio equipment to be transferred with the flag 8/17	
162616	8-5	To Atl Flt.	Equipping Division flagships with 15 K.W. arc radio transmitters; recd recommendations as to size of upper deck station to best accommodate this installation. W	
		To N.Y. instructions to use WYO. as guide 8-24	At Fleet recommendations based on experience with WYOMING ARC SET 8-19	
162783	8/5	Ports	VOID	
162706	7/13	T. Scott Anderson	Call attention to his new system of wireless telegraphy; transmits waves through water instead of through air. W	
			To--Comments on 8/9	
162725	8-6	To M. Is. NY	Specfns for radio sets; fwsd copy of proposed specfns for comment. W	
			To--Recd return 9/9. NY-suggestions. 9/21.	
			To NY--Ditto. 9/9 M. Is 9-29	
162931	8/2	Fed Tel Co	Submits detailed proposals for 6 lHw arc sets. W	
162819	8-7	SEE BELOW	Standard plans for radio equipment, for ships; recd plans of be prepared. W P. Sd. 1-18	
		To Yards-- Recd add set plans. 1/8-16	1/8 is impossible furnish drawings due to shortage in drafting and clerical force 9-4	
		To Norfolk-- Atvs plans. 10/7	NY fwsd 9-15 Fwd Dept--9/16 Phila no draftsmen available 9-16 Norfolk fwsd 9/22	
8121	8/7	NY To Norfolk-- Recd. 1/20	Reports on sample 1/2 kw set submitted by bidders	706
163056	8/9	Fed Tel Co	Recd probable reqn and cont no. for 15 kw sets quoted on; also shipping instrns. etc. W	
162819	1-24	SEE ABOVE.	Cwd C&R-- fwsd radio drawings. 1/24	
		Norfolk fwsd 1-29	Fwd C&R--Ditto. 1/24	
		To C&R--Fwsd drawings. 2/18	Fwd C&R--1/24	
		Norfolk fwsd 2-18	To Eng Sd-- Recd add copy drawing. 1/25	
		To C&R--Fwsd radio plans. 3/10		

Number.	Date.	From or To—	Subject.
✓ 163216	8-12	To M.I.	Reqs. data as to disposition, etc. of 12 motor gen. and transformers mfr. at M.I.W RB 8/30
✓ 163437	8-7-13	Fed Tel Co Personal	Re difficulties in securing quotation from Westinghouse and GE for 15 kw sets.W
✓ 163479	8-2	Fed Tel Co. Personal	Re 15 kw sets. W
163432	none	none	Description of a storm detector to be used with radio.W
✓ 163658	8/13	Addison A. Ashburn T	Reqt status of negotiations with Fed Tel Co for 15 kw sets, etc.W
✓ 163745	8/12	M Is	Kilbourne & Clark radio sets; states lightning switch and condenser rack were omitted in delivery; reqt NY Fed. W Fed NY; Tom Is & S&A—shipment requested 8/21 RB from NY 8/28
✓ 163863	none	A. A. Ashburn (Personal)	Relative to flagship and long distance sta- tion equipment; contract with Federal Co.W To 8/20
✓ 163884	8/20	Fed Tel Co T	Have received reqn 47 and contract 89; asks if specns mailed Aug. 2nd shall be substitu- ted for specns on reqn and contract.W Fed Co. holding up cont 89 awaiting action (T) 8-24 To S&A and Co. (T) appvg. sub. 8-25
164053	8-17	M. Is	Reqt shipment of ultra audion bulbs, storage batteries, detectors for stock.W To M.I. dmm. 8-24
✓ 164036	8-12	M. Is	Reqt authority to mfg misc radio material for vessels assigned Yard.W To M.I. via S&A appvd. 8-24

1915

Number.	Date.	From or To—	Subject.	
159741	7-2	TO Yards-Inapra	Installation of radio sets on new ships before delivery: reqt recommendations.	630
160294	7-8	TO Yards	Radio installation of vessels: examination and overhaul of on arrival of vessels instructions re	914
160887	7-16	M. Is T	5 kw sets: gives list of apparatus ready for shipment. W	
✓ 161026	7-12	Barinard, H	Receiving set for amateur station: asks where to purchase. W To-- 7/28	
✓ 161178	7-11	Johnson, K.D.	Asks if vessels taking part on cruise around the world were equipped with radio. W To--Was used to some extent: did not warrant retention in service: 7/22	
161503	7/25	William Hudson	New system of wireless telegraphy and telephone apparatus. W To--Reqt further information on. 7/28	
161575	7-27	To Yards.	Manufacture of 12 5 K.W. radio sets: appvs estimates for: gives action on. W	
To M Is--re wiring 8/20		Phila recommendations 8-23	Bost (2) asks for duplicate 7/30	
To Phila--disapproved 8-24		Fwd Phila-6/24	To Bost-- 8/2 To Bost--See letter 8/2. 8/5	
161789	7-28	To Wash.	Substitution of regular ships voltage for storage battery, in audion radio apparatus: reat experiments to see if it is possible. W	
161986	7-28	To NY.. (R)	Shipment requested to Bost radio apparatus now on MAYRANT. W To S&A-- Reqt for shipment. 7/29	

876 APPARATUS:

Number.	Date.	From or To—	Subject.
161790	7-29	To Atl Flt-Yards.	Send station call letters when making test of new radio arc set in order BU standards may distinguish. W
161986	7-29	To S&A. (VOID)	
✓ 162003	7-29	To Federal Tel Co.	Reqt opinion as to its attitude on the subject of navy yard manuf of arc radio transmitters for Navy use; Navy to purchase plans for each set manuf at sufficient price to repay Co for patent rights. W
✓ 162109	7/26	A. E. Seelig	Fwds print showing system of intercommu- licating wireless station. W See 674
✓ 162093	7-30	To Ships.-Yards.	To Rad Ser--Fwds copy above. 7/30 Ultra-audio: have recd shipment of from Wash. W CROSS TO 898 To S&A-- Reqt for shipment. 7/31 TENNESSEE ask date may be expected 9/23. To TENN--Have recd shipment of 9/27 TENN fwsd copy of circ let 10-1
162094	7-31	To NY.	Have recd shipment of main operating key from NY to Boat; submit estimate for manuf of similar keys. W To S&A-- Reqt for shipment. 7/31 RB, 8/25 To Boat--Have recd shipment of. 8/2 NY submits estimate 8-25
✓ 162396	8/2	Federal Tel Co F	Reports on progress of work on 15 kw; recommends certain certified fact of test records be expedited on Westinghouse motor generators; also reports on 20 and 5 kw. W Co expect to make delivery Oct 15th 8/4 To--(T) 15 KW sets will probably be appvd. 8/4
✓ 162483	7/29	Atl Flt	Tuning of battleships' radio sets; gives table of ships and yards at which tuning was done. W (Cross to Atl Flt)

APPARATUS.

1912

Number.	Date.	From or To—	Subject.
✓ 156100	5-10 5-26	Lang. H. Supt radio	Reqt permission to purchase second hand radio apparatus. W To Lang--Have no material for this purchase. 6/28
✓ 156273	5-29	To M. Is.	Experimental work with radio arc set; directs investigation of the magnetic saturation of the field arc set. E
✓ 156498	6-2	DeForest Co	Quotes price of \$1800 for 2 kw set now under test Washn. Yd. V. DeForest reqt return of chapter 6-5 To--Tests now yet completed. 6/9
156499	6-2	DeForest Co	Quotes price \$745 for combined Audion and Audion Detector. W
✓ 156520	6-2	NY	Radio drawings: binders for: filing: reqt authority to purchase on proprietary reqn. several makes for test purposes. W To-- Appvs. 6/5 To - asks time of delivery of binders and punches for W. Is. and W. Is. drawings 8/20 M. Is. will submit reqn 5-1
✓ 156573	5-20	North British Wireless School	Asks if the US Wireless Co. 1 kw set meets requirements of American Law. W To--Dept Commerce will inform. 6/4 To Dept Commerce--for above information. 6/4
✓ 157138	6-7	Phila	Reqt copy of letter auth proprietary reqn for special radio apparatus. W To-- Fwds. 6/21
✓ 157171	6-10	To Yards.	Order #2 for 12 5-K.W. radio sets: reqt estimates for construction of. W Washn 6-12 NY 6-28 Phila 6-25 Phila 6-28 M. Is 6-24 Post 7/5 To NY--Reqt report on manuf of. 7/9 To M. Is--Ditto. 7/9 M. Is 7-14 NY 7-21

876 APPARATUS:

Number.	Date.	From or To—	Subject.
157302	6-10	To NY.	Eight 5-K.W. radio sets now being assembled at NY are assigned to TUCKER-CORNBHAM-PORTER WADSWORTH-JACOB JONES-WAINWRIGHT-PENNA & MELVILLE: W TO NY cancels assignment to PENNA 8-18
✓ 157388	6-12	To Yards & Pacific Coast Radio Supt.	Equipment of medium powered radio stations for simultaneous sending and receiving: rec estimates for: W
✓ 157823	6-8	Goldborn, Dr. L.B.	Reqt permission to demonstrate radio app. W To: Will make test of: 6/24 Goldborn will demonstrate 9-11 To: 9/16
✓ 157643	6-14	To Firms.	Reqt information on radio apparatus. W Wireless Spc Co. 6-16 Pfund R. 6-17 Red Tel Co. 7-13 Lowenstein 6-17 Marconi 6-25 At Com Co. 6-30 Kilbourne & Clark 7-12
✓ 158769	6-23	Nat Elec Sig.Co	Lists apparatus on hand ready for early delivery. W
✓ 159031	6-24	NY	Reqt instructions re assembling receiving sets and telephone head sets for 5 kw sets Washn Yd. W Fwd 3A--Re shipment of: 7/1
158986	6-26	To Nav Intel.	Reqt copy of Marconi catalogue which was from England by Lieut Hooper with one of the confidential reports. W
✓ 159260	6-30	To NY.	Inform Bu as to size of radio room considered necessary for installation of a 15-K.W. radio arc set of shipboard. W NY 7-15
159980	7-8	NY	2 kw loading coils: fwd detailed plans. W
160081	7-9	To Yards.	Manuf of 12 5-K.W. navy type radio sets: reqt manuf be expedited. W
		To NY--Sets required at H. Is at early date. 7/16 Phila 7-16	Letter to NY cancelled. 7/14 Boat gives probable dates 7-16 NY 7/24

APPARATUS.

Number.	Date.	From or To--	Subject.
✓ 153246	4-24	S&A	Specs 16-R-1: radio sets for ships; asks if any changes desired. W To-- Will give desired changes as soon as practicable. 4/27 S&A reqt action be expedited 5/10 To-- will expedite 5-14
153288	4-21	At Flt	Recommends distant control radio station on board ship. W Fwd NY via C&R-- For comment. 5/21 RB 9/25
✓ 153272	4-16	M.Is	To-- Appvs reqt that portable bridge station be discontinued except on flagships. 5/21 Estimate for repairing 5 kw set originally assigned from M.I.S. W To-- Appvs. 5/7
✓ 153320	3-25 4-12 4-23	N.D. Kenton & J.Y. Smith War Dept Dept	Offers device for projection of pressure impelled wireless rays at will, causing explosion of BS. Dept directs investigation. W Fwd Dept-- Comments on. 5/7 RB 5/8 To War Dept-- Dept will investigate. 5/14 To Lieut Guthrie-- Take up with inventors. 5/14
153179	4-24	NY	Co-ordination of: recommends classification for drawings and that NY be made distributing and revising point. W To-- Instructions. 4/30
153195	4-24	Phila	Co-ordination plans; reqt certain prints. W To-- Fwds. 4/30 To M.Is-- Ditto. 4/30
✓ 153323	4-19 4-22	Thiel, C. Britten, Hon. F.A.	Reqt information re constructing radio outfit. W To Thiel-- Refer to "Manual of Wireless Telegraphy". 5/15 To Britten-- 5/15
✓ 153731	4-30	To Yards.	Ultrasound; fws print and instructions for the use of same. W
153320	See above.		To Kenton-- Reqt plans and description of be given to Lieut Guthrie for transmission to Bu for examination. 6/7 To Lieut Guthrie-- Reqt plans be obtained from Kenton for Bu's examination. 6/7
✓ Lt. Sweet	7/22		recommends Govt pay expenses 6-16
✓ To M.Is	7/28		recommends Govt pay expenses 6-16
✓ To Guthrie	7/29		recommends Govt pay expenses 6-16
✓ To War	7/30		Lt. Guthrie-- Lieut Sweet will investigate. 7/1

876 APPARATUS.

Number.	Date.	From or To--	Subject.	
153924	5-3	To Wash.	Manufacture of radio receivers: submit manu request for 20 of 5000 meter range and 30 of 10000 meter range. W	
153959	5-3	To Boet. (R)	When will first rotary gap of those now under construction be available for issue. W Boet replies 5-4	
154035	4-24	K. Is	Rotary spark gap 120 volt mfg completed before Bu cancellation was received. To--Unable to identify: reqt further information on: 5/6 RB 5/24	
✓154469	5-9	Clark, G.H.	Choppers supplied with 30 kw arc set from Fed Co. no required for high powered set: recommends be surveyed and issued to Experimental laboratories. W	
154514	5/7	NY	MONOCACY & PAOLS: only one Marconi set available for shipment: gives distribution of sets under cont # 20507	523-6
155085	5-13	NY 809-752	Kilbourne & Clark radio sets purchased on contract 225: copy of letter to K. Is showing modification necessary to make effective. W	
155664	5-22	To Yards.	Instructions in RELALOLA have been modified new print will be issued shortly. W	
155667	5-22	To NY.	Have reqtd shipment from Chas of 2-k.w. 120 cycle motor-generator: hold in store. W To Chas-- Re shipment of: 5/22 To S&A-- Req for shipment: 5/22	

KB-0120

APIRATUS:

1915

Number.	Date.	From or To—	Subject.
✓ 148778	3-4	To Dept Via Nav.	Radio sets for Naval Militia Vessels; states remaining vessels not equipped cannot be undertaken until next fiscal year owing to condition of approx W
✓ 148964	3-5	Navgn	Recommends radio outfits be shipped to certain Nav Mil vessels on Great Lakes. W To--Invites attention to 148778-876. 3/12
✓ 148910	3-12	DeForest Co.	3 kw arc type radio set; ready for inspection will ship to Wash after return of Mr Clark. W To--Rec be shipped to allow delivery at Wash Yd by 17th instant. 3/9
✓ 149087	2-24	Nav Intel	Radio equipment for aeroplanes; finds description. W
✓ 149139	3-2 3-5	Groom, F Supt Radio	Recd data on connecting up Wireless instruments. W To-- 3/10
149434	3-10	Phila 6000-357	Suggestions for design rotary spark gaps for 5kw sets. W To-- Comments on. 3/20
✓ 149524	2-7 3-3	Hill, Guy At Ft	Reports on battle radio installation of Fleet. W
149508	3-11	NY	Finds complete set of plans and description of Lowenstein 5 kw sets. W
✓ 149693	3/12	Col. J. Firth	Radio sets for aeroplane; French type; finds report on satis operation of. W To-- Comments on. 3/12

APPARATUS: 876

Number.	Date.	From or To--	Subject.
✓ 149854	3-16	NY	5 kw radio set; protective devices for. W
150176	3-20	To Host.	Radio apparatus; rect disposition of. W Boat 3-25 Boat have located elec motor generator in store house. 4-1
150530	3-8 3-22	Washn Indian Head	Difference of opinion regarding installation of power panel on radio set near motor generator; sing remote control switch. W Fwd Wash--Have G.H. Clark inspect. 4/12
150545	3-25	To Yards. CL	Assembly and shipment of twelve 5-k.w. radio sets under construction at various yards. W
Phila reports shipments made 7/26	7/29	Washn 7/21	To S&A--Gives assignment and rect ship-
Washn 7/31	8/5	Pug Sd 7/27	ment of. 3/25 S&A Phila rect shipping instrum
Fwd S&A--8/5		Boat 7/23	4-7 Fwd S&A-- Re shipment of. 4/9
Fwd S&A--8/9			Washn 7/22 shipped NY 7-21
			Washn 7/24 NY 7/22 Fwd S&A--8/5
✓ 150653	3-20	Clark, G.H.	5 kw arc set mfg by Fed Tel Co. and installed on SS Ventura; reports on construction. W
✓ 150768	7 3-19	Cordes, H.G. Pug. Sd	Test ion of old type Shoemaker transformer for carrying on radio experiments. W To Pug Sd-- Approvs loan of 4/1
✓ 151017	3-25	Fed Tel Co.	Relative to fitting new design choke coils on sets already delivered under cont 350, 262, and 55; Swis copy of letter to M. Is relative results obtained after 3rd mast South City blew down. W
151712	4-7	Phila	Rotary spark gap Bernier type; report on test; states result shows can get as high frequency as with alternator but does not give great compactness at low speed; fws sketch. W To-- Comments on. 4/13

1915

APPARATUS:

Number.	Date.	From or To—	Subject.	
145451	1-23	To Pitts.	Delivery of apparatus under Bu reqn #101; 5 30-k-w arc radio sets; material urgently needed; gives instructions re inspection. To Westinghouse-- Fwds copy above. 1/28	W-3
145679	1-27	M. Is. R	2 Federal arc sets under test available for shipment. W	
✓ 145703	1-27	Fed Tel Co R	Gives dates on which 2 and- 30 kw sets can be shipped. (R) Have rec'd S&A to arrange shpmnt. 1/28	
✓ 145708	1-27	To NY-- States material may be rec'd prior to sailing. 1/28 To S&A-- Rec shipment by freight. 2/5 Hickman, H	To M. Is. (R) Re shipment of 1/28 To S&A-- Re shipment of 1/28 Rec'd data on 1/28 To-- Not available for distribution. 2/2	2/16
✓ 141203	1-20	To M. Is.	60 kw arc sets; reports alteration read door of arc chamber; blew out during Honolulu schedule; comment on.	891
✓ 146751	2-8	Office of Aero	Quotes cable from Naval Attache Paris relative to the purchasing of Honzet Aero wireless system; recommends. W Fwd Dept-- Rec purchase be not made. 2/9	
✓ 146798	2-9	Siebold, L.P.	Reports case of Elec Measuring apparatus from Universal Radio Syndicate at Chas. Custom house with expense charges 10c/W	
146928	2-3	McFadden, J.T.	Apparatus for adjusting radio; rec't investigation. W To-- Rec't description of. 2/19 McFadden further data 3-26 To-- Fwds spec's covering radio sets. 4/6	

APPARATUS: 876

Number.	Date.	From or To--	Subject.
✓ 146962	2-6 2-10	Wireless Imp Co. Office of Aero	Reqt opportunity to bid on radio sets for Aeroplanes. W
	Since sets avail data 2-17 To Simon--Reqt quotation on. 2/23		Fwd Nav Aero--Fwds Bu's reply. 2/13 To--Asks if have material developed for experiments. 2/13
✓ 147029	2-8	NY	12-5 kwsets; reqt action on estimate; also date of delivery of material on schedule 1929. W Fwd S&A--Apvs estimates for manuf. 2/15/29 3-1
✓ 147293	1-12	Firth, John	Aeroplane radio sets: fwsd pamphlet from aeroplane manufacturing material for French Army and Navy. W
✓ 147914	2-19	NY	Submits list of radio sets available for Naval Militia and estimate for putting in good condition. W
✓ 148079	2-24	To M. Is.	Have restd shipment from NY of Marconi radio set; asst condition of 500 cycle Diel motor-generator shipped Yd from PRINCETON. W To NY--Reqt shipment of Marconi set. 2/24 To S&A-- Reqt for shipment. 2/24
✓ 148210	2-23	Nav Intel	Reset system of radio for use on aeroplanes. W
148369	2-5 2-20	NY PO S&A Fwd Dept-- 4/22	Reqt information re payment of freight and cartage on radio apparatus shipped by Naval Attache to NY. W Fwd S&A-- Rec papers be refd to GSK NY. 3/10 RB 4/10 Fwd NY-- 4/12 RB 4/22
148705	2-12	Phila	24 rheostats for mfg at M. Is. for 5 kw sets; reqt be shipped to Phila for installation on radio boards. W
	To Phila via M. Is--Have restd shipment of 3/5 To S&A-- Reqt for shipment. 3/5		
148755	3-4	To NY.	Lowenstein set: reqt plans & description of. W

1915

APPARATUS.

Number.	Date.	From or To—	Subject.
143344	12-26	Indian Head	Reqt installation lightning switch, etc. W Fwd Wash-- 1/2
143351	? 12-28 12-30	F.L. Fox and F.C. Gibson Ord Dept	wireless controlled aerial torpedo; suggestions for test of by Govt: Ord recommends \$1000 to carry out: SE involved in receiving and sending apparatus. W Fwd Dept--Comments on 1/2
143390	12-30	To Fed Tel Co. (R)	Referring bids Five ship set suggest modification to require delivery of apparatus at M. Is and material manu- facturing at NY: quote reductions for certain omissions. W
143423	Jan-2	Fed Tel Co. R	Bids on 5 ships sets: changes prices for delivery at M. Is. W Fed Co quotes further (R) 1-6
143607	12-31	Gresham, F.N.	Reqt data on radio apparatus used by Navy in connection with experiments. W To--Not available: 1/5
143489	12-31	Steigleder, F.N.	Reqt printed matter on. W To--Not available: 1/4
143533	12-30	Indian Head	Reqt delivery be expedited. W Fwd NY-- 1/9
143600	1-4	NY 809-3	Inter Submits plan for proposed change of radio drawings and information between Bureau and Yards. W To--Plan meets with Bu's requirements. 1/9 NY fwsd 8 copies of print 1-13 To W. Is & Eng Sd-- Fwsd print for comment. 1/22 To Yards-- Fwsd proposed plan for co-ordi- nation of radio development at yds. 1/25 Bost 2-5 Norf 2-6 NY 2-6 Phila will fwsd 2-8 Fug. Sd 2-4 Ph la 2-9 Washn 2-10

APPARA US: 876

Number.	Date.	From or To—	Subject.
144002	1-6	NY	Fwds prints and corres relative to switch board voltmeters, etc. for 12 sets to be manufactured. W. Fwd Phila-- For comment. 1/11/12 To Phila-- Phila estimate for panels 1-12 To Phila-- Phila's estimates. 1/26
✓ 144146	1-6 1-9	Brodbeck, Hon. A.R. Dept	Rept radio data be forwarded to E.A. Gladfelter. W To-- (Secy's sig) None available. 1/12
✓ 144237	1-6	Schulze, H., Jr.	Rept data on apparatus for amateur station. W To-- 1/14
144432	1-13	NY 12, 5 kw radio sets; gives source of supply, reqns, etc to cover needed parts. W.	
144507	1-7	M. Is 222	Rept description of radio installations on vessels which will visit West Coast summer of 1915. W. To-- Cwing to changes and modl in will be impossible to furnish drawings. 1/16
✓ 144646	1-15	Clark, G.H. Co	Reports inspection of apparatus made by Weforest R. T&T Co. 1 and 2 kw transmitting sets, 200 watt transmitting telephone sets; recommends test of a complete 2 kw set; also that test be made of oscillation portable sets. W
✓ 144983	1-19	Dept 12479-770	Arc type radio apparatus; sums up excellent results SAN DIEGO & WEST VIRGINIA and Arlington; Directs number of sets be procured for armored cruisers and vessels on distant service; also WYOMING & NEW YORK be completed prior to sailing of fleet. W. To-- Comments on. 2/2
145231	1-21	To Pac Flt.	Rept average consumption of alcohol on SAN DIEGO & WEST VIRGINIA for having allowance lists of ships fitted with arc radio sets. W Pac Flt 2-1

APPARATUS: RADIO.

1914

Number.	Date.	From or To—	Subject.
141011	11/28 12/2	Dodge Institute of Telegraphy Supt.	Reqt photos, etc., covering radio apparatus.W To-- 12/4
140978	12/2	Fed Tel Co T	Relative to furnishing of wave changes, etc on five arc sets for ship installation.W To--(T) Instructions. 12/3
140991	12/1	NY	Radio sets for Naval Militia vessels; estimates for repair and assembly of six low frequency sets.W To--Apvs: work not to be undertaken at present. 1/23
141038	11/18 11/23	Super of 4th Nav Dist Navgn	Fwds data relative to big improvement in radio instruments suggested by Peter Cooper Hewett.W Fwd Nav via Rad Ser-- Comments. 12/6
V 141087	12/2	De Forrest Radio T&T Co Co not recd 12-18 To-- 12/22	100 watt motor generators: reqt shipment of to Electric Specialty Co for alteration.W Co. 12/3--confirms radio and gives data.W Fwd Wash via S&A-- 12/3 DeForest reqt set at To-- Comments. 12/7 Stan be returned 12-9
140976	12-3	To Bost; NY; M. Is; Phila. To Phila--Re transfer switches. 2/23 Bost est on switchboard 1-14 To Bost--Waiting est from Phila. 1/20 To Phila--For estimates. 2/5 Phila submits 2-10	Construction of 12 complete 5 k.w. radio sets: gives instructions re. W Phila 2-25 To NY--Instructions. 12/5 Phila 3-2 Bost 3-3 NY prints and est 12-11 To Bost--(R) Re est. 3/3 To NY--Apvs estimates. 12/12 To Wash--Fwds copy of letter 12-3. 1/11
V 140933	12-1	Fed Tel Co. (T)	35 k.w. arc sets: reqn 101: proposed bidding on Westinhouse apparatus: will bid on four bearing set if apparatus is to go on shipboard. W To--(T) Preper four bearing set. 12/2 Fed Jo. (T) gives desc of motor gen sets 12-10
141111	12-4	To NY; Ports; Bost; Norf; Phila; Chas; M. Is; Pug Sd.	Radio material on hand: request report on.W NY 12-24 Phila 12-31 Chasn 1-2 Pug Sd 1-6 Bost 1-16 Norf 1-22 RB from Ware Is. 2/1 Bost 2-10 Ports 2-26 To M. Is-- 4/21 RB 5/26 Apvs for manu of devices without "uses.W To Bost--Apvs est for spark caps. 3/11 To Phila--Disapvs est for spark caps. 3/11 To Phila--Re transfer switch on switchbd. 3/12
140975	3-4	To Phila. [SEE ABOVE] To Phila 3-23 Phila 3-29 To Phila--Expedite manu. 4/6	

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APPARATUS: RADIO 876

Number.	Date.	From or To—	Subject.	
142028	12-11	NY 855-2129	1/2 kw radio set; specs for; submits. W	
142183	12-11	Dept Atlantic Communication Co;	agreement re releasing all claims to patents if Dept will furnish witnesses etc in defending its patents	896-1
✓ 142370	12-12	NY 855-191	5 kw radio sets; fwd a print of proposed transfer switch, remote control switch, to be used. W.	
✓ 142351	12-16	NY	Estimate for mfg hand keys, wave changers, lightning switches, radio coils, etc. W To-- (NY) Approvs estimate; submit reft. 2/13	
✓ 142701	12-18	Monarch Elec Sup Co	Asks names of manufacturers of satis radio apparatus. W To-- Gives list of firms 12/29	
142628	12-18	Norf		
✓ 142783	12-21	Rosenfeld, Wm.	Reqt old radio apparatus for use in carrying on experiments. W To--None available. 12/24	
142721	12-22	To Dept.	Manufacture of radio apparatus; reft appl of estimate for manuf of.	
142727	12-22	To NY	Apparatus purchased abroad by Naval Attache at London; reft description of. W NY 2-10	
✓ 142853	12-5 12-22	Botiller, F.D. Dept	Reqt investigation of radio device patented by DFC. De Ybarrañdo. W. To--Not applicable for naval use. 12/31	

1914

APPARATUS.

Number.	Date.	From or To--	Subject.	
136582	10/10	Dept	CALIFORNIA; reqt Paulsen set be installed; proven satis on WEST VA.	147-5
136780	10-12	To NY	Reqt monthly report be submitted showing material shipped. To-- Delay pending further instructions-10/22	
136862	10-10	Indian Head	Asks if motor generator for wireless will be furnished. Fwd NY-- For information reqt. 10/15 Fwd Indian Head-- 10/23	
✓ 137240	10-17	Radio T&T Co.	Reports change in name to DeForrest T&T Co. W Fwd S&A-- For information. 10/22 To-- Ack receipt 10/22	
✓ 137895	10-21 10-24	Hess, Hon. S.D. Dept	Reqt literature be mailed to W. B. Shade. W To-- Secy S&A gives information re securing. 10/27	
✓ 137893	10-22	Carroll, Kfirwin, Hollway	DeForrest Wireless Telephone Co. and Nat Radio Co. Asks if they have any contracts with Navy Dept. Are selling stock based on this statement. To-- Gives information. 10/28	
✓ 138215	10-30	To S&A	Inspection of Wireless Material; will be inspected after delivery; restd GSK's be notified. S-W	
✓ 139004	11-3	Dept Commerce	Reqt b/p folders showing description and method of operation of sets bought Aug 1912 contracts 12899 and 14747. W Fwd NY-- Reqt for prints. 11/11 roll 21	

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓ 139082	11-3	M. Is	Radio material for Pac coast yards: reot be shipped thru M. Is in order that yard may make repairs if necessary. W To-- Will comply. 11/10
139171	11-7	Norf	Battle radio installation: reot type plans of connections. W To-- Fwds plans. 11/21
✓ 139404	11-10	Snarman, A. R	Reot all books and printed matter available for distribution. W To-- Refers to Naval Institute. 11/14
139491	11-10	Norf	Gives list of old type radio material on hand. W
✓ 139670	11-14	To NY	Specns for 1/2 k.w. radio sets: reot recommendations as to any advisable changes. W
✓ 139808	11-11 11-17	Butterworth, F.S. Dept	Poulsen wireless apparatus: reot status of Mr. Hepburn in connect on with information given by him on use of system in Navy. W. To-- Secy's sig--11/20
✓ 140090	11/20	To Fed Tel Co (T)	Asks when proposals five arc sets for ship installation will be ready. Wish to conclude contract in time to get delivery at least one set prior to Feb. 1st. W Fed Co 11/20-- advises. (T)
✓ 140235	11-21	Indian Head	Reot Washn yard make aerial. W Fwd Wash-- Authorized. 11/24 rb 128

APPARATUS: RADIO.

1914

Number.	Date.	From or To—	Subject.
✓ 132424	8-10 8-14	Gibson, E.J., CE Naval	Recd data on arc system radio tel. in connection with Machinist examination. W Fwd Supt. Radio. 8/17
132572	8-17 8-18	Lowenstein, F. Dept	Recd certain officers and civilians in Bureau testify in writing as to Professional standing in radio art. W
	8-17	Lowenstein via Dept.	Reqs. above statements for defense in infringement cases.
	BIRMINGHAM replies: no officer gave Mr. Chadbourne authority 8-25 Fwd Dept Via Supt RS & Nav. 8/31		To BIRMINGHAM asks if permission was granted Mr. Chadbourne to go on board. 8/20 To --- gives resume of dealings with Dept. 8/20. Fwd Dept. (letter for Secy's sig.) 8/20
✓ 132609	8-18	Marconi Co.	States have a number of quenched spark sets in store ready for immediate delivery. L To --- no necessity for emergency purchase. 8/20.
132735	8-19	NY 855-144	Battle radio appliances for stock; estimate for manufacture. W Fwd Dept via J&A-- Rec appvl. 8/24 Held-- 9/1 to 10 8
132869	8-21	NY 855-145	Battle radio apparatus; submits prints. W To -- 8/28
✓ 132900	8-20	Fed Tel Co	Offers loan of 1 or 2 by Poulsen arc sets for experimental purposes. W To -- Would like set sent to Wash for test at Arlington. 8/26
133166	SEE CARD 2 00		
✓ 133365	8-26	Cornell University	Recd data on radio apparatus. W.
✓ 134654	9-17	To NY	Bu desires to assemble low frequency radio sets with Garwood or Fessenden receivers on certain Naval Militia vessels. Req comment.

APPARATUS: RADIO. 876

Number.	Date.	From or To—	Subject.
✓ 134762	9-15 9-18	War Dept Dept -	Reqt Director of Post Philippines be furnished with plans, spechs, etc for W To-- Secy's sig) Instructions. 9/21 Fwd Dept via Y&D-- 9/21-3 9 28 Fwd Dept-- Noted. 9/26
✓ 134928	9-16	Alleghany College	Reqt data on W To-- Not available. 9/22
✓ 134991	9-19	Lowell & LeClair	Submits report on in pections of East Coast radio stations. W.
✓ 135882	9-29 10-1	Smithsonian Institution Dept	Reqt data on be forwarded to Major G. Ribeiro, Brazillian Govn. W To-- Secy's sig) None available. 10/5
✓ 135942	10-3	Kilbourne & Clark Mfg T	Freight shipment of 2 5 kw sets leaves Oct 10 delivery Oct 30. W.
136050	10-5	To NY	Instructions re manufacture of wave changers and other battle radio and experimental equipment. W
✓ 135242	10-5 10-6	Brown, Hon. W.G. Dept	J.C. Newham; send data on. W To-- Secy's sig) Not available. 10/9
136052	10-6	To NY, Worf, Boat.	Proposed installation of battle radio equipment; reqt estimate be prepared before arrival of ships at yards. 10/6

APPARATUS: RADIO.

1914

Number.	Date.	From or To—	Subject.
124814	5/12	Supt. Radio. 4729-16	Recommendations relative to location of radio installations on board ship. W Fwd Dept via C&R--recommendations 6/4. 8 1/2 Fwd Dept via C&R, satisfactory on WYOMING and NEW YORK: PENNSYLVANIA. 8/18 RB 9 3 app d Fwd C&R--Comments. 9/4. 14
125057	5/15	Chas. VOID	ARBUTUS: estimate for repairs to cone
✓ 125083	5/16	To Universal Radio Syndicate	Re Comdr. Hepburn's proposed visit to their Newcastle Station. W
✓ 125919	5/27	Atlantic Com. Co.	Gives prices quoted to U.S. Naval Attaché Berlin, on radio sets for use in aeroplanes. W To --- Bu desires details of various types. 5/29. AT. Com. Co. have recd Telefunken Co. in Berlin to send prices, photos, etc. W
✓ 127676	6/16 6/17	Hon. John J. Mitchell Nav.	Requests printed matter on wireless telegraphy. W To --- none for distribution 6-18
✓ 128192	6/23	Dubilier Elec. Co.	Writes re their wireless apparatus and experiments. W To --- Ack: comments. 6/25.
✓ 128398	6/15 6/25	Dubilier Elec. Co. Dept.	Apparatus: reports on his; requests adoption for use in aeroplanes. W Fwd Dept. comment. 6/27. 10 7 8
✓ 128433	5/28	G.H. Clark	Dubilier apparatus; reports on; photographs, prints, etc. W To Dept. fwsd copy of report. 7/10.

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APPARATUS: RADIO. 876

Number.	Date.	From or To—	Subject.
✓ 128633	6-24	M. Is 6511	500 watt Marconi sets: no spare condensers received: reqt/ 24. W Fwd NY requests M. Is. be advised when shipment has been made. 7/1. rb 7
✓ 129237	7-7	Ord	Reqd radio set for Naval Proving Ground. W Fwd Supt. Radio. comments: request rec. 7/9 rb 7/14 TO -- reqt certain questions answered 7-15 To N.Y. (R) asks if in store 7-29 NY no rotary converter in store 8-1 Fwd Dept. 8/3. a a a a a NY reqt instrns 8-13 Radio set loaned to NY for use during trials: submits list of material not yet returned. D Ret. --- 7/22. rb 8-10
✓ 130483	7-20	NY	
130521	7/22	To S&A ✓	Lt. R. T. S. Lowell and Ensign H. P. LeClaire to inspect stations on Atlantic Coast: request shipping instructions for testing and other instruments from point to point. W
✓ 130579	7-22	At Com Co Q	Quotes prices on balloon and aeroplane radio sets: W
✓ 131037	7-24	Pfund, Rich.	Fwds. clipping re charges preferred against him by Telefunken Co. States left Co. because he refused to be a party to collusion between Co. and Marconi to submit fake bids to Navy - also on account of refusal to be party to custom frauds. W
129237		SEE ABOVE	To Nav. Proving Ground via Ord. instructions: NY to purchase motor-generator. -- To S&A request shipment from NY of radio set. 8/8 Fwd NY directs purchase motor generator. 8/8 To NY. only hand control starting device desired for motor-gen. 8/15. Indian Head can fit poles any distance 8-24 To Nav Proving Ground—distance of 100 ft suf- ficient 8/28

APPARATUS: RADIO.

Number.	Date.	From or To—	Subject.	
✓ 123220	4/23	NY R	Request authority to purchase new car. from Marconi Co. for set No. 4, contract 1912. W Fwd Dept. recd. a. pr. 4/24. 3 B 4 27 Fwd 3rd. recd. tel. instrns. be issued to NY for purchase of 5-kw gap. 4/27. 8 6 3	
✓ 123255	4/23	Radio T. & T. Co.	Lists apparatus on hand available for immediate use. W To—Ack. 4/24.	
✓ 123305	4/24	A. M. Hamilton P.D.	Requests certain radio data be sent to Mr. D. D. Miller. W To Mr. Hamilton. None available. 4/25.	
✓ 123218	4/23	To NY	Desires to have radio sets available for issue to a ship in emergency and authorizes work in advance of estimates. W To—directs consid. r work. 4/24 NY 50 volt set turned in. 4-27 To—Recd. copy E.C.'s letter. 4/28	
123470	4/26	At Flt. — T	eqt radio material for use of fleet	493
✓ 123612	4-28	NY T	M. is re: t immediate shipment of head telephone layden jars, insulators; recommends open purchase of articles not in stock. W Fwd Dept. recd. purchase. 4/28 Fwd 3rd. recd. instrns. be issued to NY. 4/30. covered by NY regn 2090-5/1	
123173	4/27 5/1 5/2	To Norf. TO YARDS ✓ TO VESSELS	Battle radio installations: fws schematic plans: invites suggestions for improvement. W To E. Acad. fws schematic drawings showing battle radio installation: recd. recommendations re installing equipment at N. Acad. 6/17	
✓ 123740	4/28	R. Wallace & Sons Mfg Co	Requests list of manufacturers making receiving apparatus. W To—gives information. 4/30.	

APPARATUS: RADIO. 876

Number.	Date.	From or To—	Subject.
123752	4/29	Marconi Co.	States for a 10-kw and a 15-kw set in store; Offers any apparatus in stock required for emergency purposes.W To---Ack. 4/30.
123793	4/28 4/30	Marconi Wireless Co. Dept.	Offers to install a rotary cap on the chartered steamer WASHINGTONIAN free of cost.W To---(Secy's sig.) Dept. would be pleased to have change made. 5/1. Fwd Dept. 5/1
20437	5/4	Radio T & T Co	Reqt authority to purchase jar racks, lightning switches, antennae switches, etc. from Govt to apply on contract 629
124624	5-9	Nav Mil 4332-21 NY 5/14 gives ests.W	Submits list of Naval Militia vessels to be equipped with radio sets in order named.W To NY reest estimates for sets for WASP. GLOUCESTER and STRANGER. 5/11. NY to Nav. comments and information. 5/12. NY 5/14 summarizes old style set being assembled.W Reqt loan of 1/2 KW set for use at lecture. W Fwd S&A. Bu has no objection. 5/11
124613	5-7 5-8	Wireless Imp. Co. NY	
124611	5-5 5-8	Gallivan, Hon. J.A. Dept	Reqt speecs covering various equipment.W To---(Secy's sig.) Fwd sig ns. 5/12.
124671	5-11	Marconi Co	Are in a position to furnish 1/2 kw panel sets immediately.W To---Ack. 5/12.

APPARATUS: RADIO.

1914

Number.	Date.	From or To—	Subject.
✓ 116946	3/4	To Samuel Bush	Radio-telegraphy; ack. receipt of letter and plans. W To— returns plans. 3/12.
✓ 119547	3-9	Fed. Tel Co T	Gives time delivery, etc for 3 30 kw sets for high powered stations. W (T) to— believe no risk involved placing telegraphic order power equipment. 3/10.
✓ 119584	3-10	Fed Tel Co T	30 kw sets; asks will consider reducing size of helix by increasing size of antennas. W (T) to— 5000 meters high enough upper limit. 3/11.
✓ 119717	3-11	Pfund, Richard	Submits proposition for supplying complete transmitting set including transformers and motor generators for \$2500; no payment to be made if fails to meet requirements. W Fwd Dept. rec. acceptance of proposal. 3/16. To— Bu desires personal interview. 3/19. Reqt appt. for 24th 3-20.
✓ 119887	3-13	Fed Tel Co T	Can quote 90 day delivery on 1 30 kw set. 120 of other 2. W (T) to— Bu prefers first del. set with 60-kw motor gen. and spare motor. 3/14. WB 3 28
✓ 120348	3-17	Wireless Inp Co	Reqt copy of report made on their 1/2 kw set by New York Yard. W Fwd NY not desired to furnish copy of test but desires inform Co of re-quirements sets will have to meet. 3/20.
No 4	3/21	Fwd Dept.	NY reqn. 1510 for insulators. Calls attention to Bureau design better than commercial designs. Requests authority to purchase special material as needed for work of battle radio installations. W&R

APPARATUS: RADIO 876

Number.	Date.	From or To—	Subject.	
✓ 120510	3-6 3-10 3-21	NEW YORK TIMES Supt Radio Dept	Reqt data on radio work for publication; Supt Radio reqt general ruling as to advis- ability of furnishing this information to newspapers. W. Fwd Dept. comments: suggests future appli- cants be referred to U.S. Naval Institute. 3/27. EN 1-1-PPD Fwd Supt Radio 4/7.	
✓ 121020	3/30	To Guam, Norf. Torp. Sta. Dlongapo and Cavite. M. Is., Chas. Phila.	Annual report. "Description of Radio In- stallation; request form N.S.E. 25-A. W	
✓ 121491	4/1	Nav Mil. Off. 4332-21 -2-	Asks if Bureau is in position to install radio sets on Nav. Militia vessels; lists vessels not provided with. W To NY lists vessels on which desire to install sets. Reqs rec as to practicabil- ity of doing work at present time 4/7 To Nav. advising 4/7. Fwd Dept. reqt appr. 4/7	
✓ 121594	3-31	Kilbourne & Clark Mfg. Co	Reqt authority to furnish Dr. I.H. Rain with photos of radio apparatus being supplied for Navy for insertion in book. W To --- comment 4/6.	
121733	4/6	To NY	Purchase of special radio material with- out advertisement; fws copy corres passed on NY reqn 510	756
✓ 122807	4-16	Marconi Co	Have 12-2kw and 5-5kw sets; reqt purchase. W	
122807	4/18	To Marconi W.T.Co.	Radio sets; ack receipt of information of stock ready for immediate delivery. W	
3561	4/18	To Brook	Radio material; prel factory inspection desired before shipment. Ascertain why Wireless Spec App Co ignored Bu's request for pass of mtr	629-1

APPARATUS: RADIO?

1914

Number.	Date.	From or To—	Subject.	
✓ 117060	2/7	To S&A	Request shipment of 2-kw motor generators and 2-kw transformers from NY yard to Ports for DES MOINES and TACOMA; to Mare Is. for CLEVELAND and DENVER; to Lug. Bd. for CHAT; TANOGGA; to Olongapo for GALVESTON. W	
✓ 117281	2-5	NY	Care and overhaul of radio material turned in by ships; reqt. expenditure of \$100 per month be allowed for. W To---apd. 2/11.	
✓ 117255	2-9	Marconi Co	Reqt opportunity to bid on apparatus for proposed high powered station San Diego. W To---Alva information. 2/10. Fwd Dept. 2/10	
6132	2/9	To S&A	Radio sets; recommendation of award.	706
✓ 117617	2/13	To Best, W. Is. NY, S&A (2)	Request shipment from NY to Boston of 1/2-kw sets for K-1, 2, 5 and 6; to Mare Island for F-1, 2, 3 and 4, E-1, 2 and 3, 2, 3, 4, 7 and 8. W To NY reqt W. Is. be furnished with plans and descriptions of 1/2-kw sets. 4/6 To W. Is. advising. 4/6.	
✓ 117615	2/14	TO SHIPS	Form S.S.E. 25-B. "Description of Radio Installation." request forward to Bureau. W To VIRGINIA via At. Vlt. request another copy be forwarded. 3/2	
✓ 117973	1-27	Wireless Imp Co	1/2kw sets; reports on trial operating at less than 500 cycles; operated sets. 350 and 250; giving a pre-fessenden gap frequency. W	
19832	2/18	To Best.	Radio sets: two 5 kw under construction at yard; direct Sub. Insp. G. Hill to inspect 629	

APPARATUS: 876

Number,	Date.	From or To—	Subject.	
✓ 118078	2-19	Federal Tel Co T	Recd information re sets desired for Boston, Guantanamo and Isabel. W (T) to --- requirements; recommends submit alternative offers for direct and remote control of arc. 2/20.	
118146	2/19	Nat. Elec. Sup. Co.	Fwds. copy of correspondence with John Firth refusing to supply hand generators or any other apparatus for commercial purposes; mfg. only for Govt. Depts.	-897
118249	2/21	To NY	5-kw set, contract 232; asks if has been shipped to Phila; if not, expedite.	142-6
✓ 118303	2-19	Mechanics Institute	Recd information re, and requirements for Vessels. W To --- gives data. 2/25.	
✓ 118383	2-24	Fed. Tel. Co T	Asks if substitution of single for 3 phase motors for tickers will be acceptable. W (T) to --- satisfactory. 2/26.	
118660	2-25	NY 855-46	Standard battle radion equipment; fws plan. W To --- a, proposes issue of plans to other yards. 3/4.	
✓ 119067	3-4	Dept CL	NY have fwd plans to all yards 3-9 TO WARD 3, fws prints. 3/12. To NY fws copy and print. 3/12. Directs to expert prepare article for Syndicate Newspapers on wireless apparatus now in use; also on tests carried out in this and foreign countries. W Memo to --- inadvisable to furnish actual data on comparative tests. 3/12.	

APPARATUS: RADIO

Number.	Date.	From or To—	Subject.	
✓ 114874	1-13	NY R	At Com Co apparatus; all material has been finally accepted except special transformer under contract 546. V Asks 1-11 material due 1/13	
115111	1-14	Marconi Co	Quenched gap sets; submits new method of operation. W To—Ack. 1/17 fwd NY for rec as to acceptance; and results of test. 1/17 To NY 1-18 recd del. of only one set cont 19012 with this type of relay. 1/26 Marconi recd Bu reconsider as Western Co cannot guarantee 1-27	20
115001	10/30	Asiatic Flt.	Reports on radio performance of ships at sea	495
✓ 115166	1/16	To Marconi W.T. Co.	Two 1-kw sets (cont. 1909F) installed on ACBIA and T-2. CNT have broken down due to defective spark gaps. Asks if propose to replace defective parts now in service. V Marconi Co replies 1-20	
115320	1-10	M. Is	Radio material on hand; fwds report. V	
✓ 115603	1-21	Federal T. & T. Co T	Asks who received award for 6.5kw sets. for (T) to—award not yet made. 1/22	TBD. V
116226	1/16	At. Flt.	Copy of circular to vessels directing C-in-C be furnished with description of radio apparatus installed, duplicating report sent to Bu.	493

APPARATUS: RADIO. 876

Number.	Date.	From or To—	Subject.	
✓ 116286	1/29	To EY	On completion test first del. 5-kw Wireless Specialty App. Co., submit report covering operations, workmanship, etc. W EY 1/30 reports status. W	
✓ 116355	1-27	Norfolk	Radio material in store; reports on. W To: Gives list of material under title "A" and should not have been taken up in NSA. 1/31	
✓ 116538	1-30	NY	Reports on 5 kw radio set delivered by Wireless Spec. and recommends against placing contracts with company which involves any novel features. W	
✓ 116787	1-25 2-3	Boas, Hans S&A	Rect to be allowed to bid on radio apparatus. S&A recommends be placed on special list. W Ret S&A. an does not consider it desirable to place foreign bidders on mailing list. 2/5	
117016	2/4	G.H. Clark New Hampshire.	Reports on radio installation, recommends LOWENSTEIN gap be sent to Wash. Yd for Experimental use.	312-6
117024	1/30	At. Fleet	RHODE ISLAND: calls attention to description of MARCOMI installation on, contained in ships Description of radio installation.	377-6

APPARATUS: RADIO.

1913

Number.	Date.	From or To—	Subject.	
112145	12/6	TO YARDS RB 116	Requests report be submitted Jan. 1, 1914, of list of all radio material on hand. ✓ To NY. Asks as to disposition of Crocker- Wheeler motor-generators and transformers contract #46. 1/2	
✓ 112361	12/10	TO YARDS & STATIONS	Forwards supply form N. J. E. 25-A, "Description of Radio Installation, Shore Stations and Light-Vessels" and form N. J. E. 25-B, "Des- cription of Radio Installations for ships only." W	
✓ 112707	12-12	Ports	States have received no instructions re battle radio installations. W Ret---Fwls copy of corres. 12/22.	
✓ 112484	12/16	TO YARDS, STATIONS and FLEETS.	Radio material; surveys of; instructions. W	
112762	12/15	To Inspns. Yds.	Radio material, instructions for inspns.	666
113094	12-17	Jenkins, C. L.	Reqt information re size of aerial, voltage, etc. W To---suggests communicate with mfrs. 12/19	
113201	12/14	At. Flt.	Reports on radio information obtained during European cruise.	493
113775	12-26	NY	Reports quantity of radio material on hand. W	

APPARATUS: RADIO 876

Number.	Date.	From or To--	Subject.
✓ 113871	12-27	Phila	Reports on radio material on hand. W To NY. Phila. J&A. instructions for disposition. Recst shipment of coils and condensers from Phila. to NY. 1/2
✓ 113624	12/30	To NY	Desires ss ships visit yard that inspection of radio plants be made. W
		1914	
114097	12-24	Latimer, E.M.	Obsolete radio apparatus; asks where same can be purchased. W Fwd J&A. 1/5
114184	12-20	At Flt	Re location of radio stations on BS below water line behind armor; reqt/ be done at next overhaul period. W Fwd J&A. via Gen. S. A. Rec work be proceeded with immediately. 1/8 23 1
✓ 114318	1-3	Chasn	Radio material on hand; fwds report. W
✓ 114306	1/7	To NY	5-kw radio sets, contracts 232 and 231; Direc's shipment as received and gives order in which to be made. W To J&A. request shipment of sets for BIRMINGHAM, NY to Phila. 1/7 To J&A. recst shipment 5-kw set NY to Phila. for BIRMINGHAM. 1/20
✓ 114710	1-8	Boat	Inventory of radio material. W
✓ 114857	1-6	NY	Reports issue of material under contract 545 covering motor generators, transformers. W

APPARATUS.

1913

Number.	Date.	From or To—	Subject.	
✓ 109578	11-6	NY T	Reqt. authority to expend \$300 additional for developing break key system improved BS installation. W TO -- (R) auth 11-6	
109562	?	Society Francals Radio	Gives change in address after 11-1.W	
✓ 109640	11/6	C.E.Curtis	Asks if can secure old detector and price of same. W To---Fwd NY.11/8 RB 11/7	
109753	9-13	Boas, Hans	Offers radio apparatus for sale. W To---directs address S&A.11/1	
109771	11-7	Wireless Imp.Co.	Complains of delay in receiving payments thru NPO Washn. W Fwd S&A.11/8	
✓ 109780	11-7	At.Com.Co.	Reqt list of Naval Stations eqipped with Telefunken system. W To---Gives list.11/11	
110068 VOID	11-12 11-12	Society Francals Radio Dept VOID	Cage submarine (La Sub. Boat Co.)	
✓ 110065	11-12	Society Francals Radio	Reqt. apparatus be shipped shipped Reqt. apparatus be supplied to Montreal	903
✓ 110306	11-12	NY S55-63	2 and 5 kw radio sets; recommends that various parts of sets be obtained separate on future orders. W	

APPARATUS: 876

Number.	Date.	From or To--	Subject.	
110305	11-12	NY 855-64	Spare parts; recommends future contracts provide for delivery of in hard wood boxes on hinges and a lock; submits list of parts required for 5 kw outfit Marconi type.W To---will be required in next specns. 11/15	
110188	11/13	To S&A	Reqt shipment of radio experimental appar. to Phila for use of Chf. Electrician Meneratti to be returned to laboratory.	916
110243	11/7	At. Tor. Flo	Submits recommendations for improvement in present and future boats. TBDS.	496
110449	11/15	To NY	Standard key contacts: Bu desires to specify on future requisitions for radio sets that they be supplied. Request dimensions recommended; also requests prints.W	
5698	11/13	NY	1/2Kw radio sets, additional information on comparative tests.	706
110809	11-18	NY 855-585-7	Apparatus; fwds print.W	
110943	11-20	Federal Tel Co	Asks radio sets from 10 to 60 kw; quotes prices.W	
111953	11-25	Boss, Hasn	Re his radio apparatus.W	

AP. PARATUS:

1913

Number.	Date.	From or To—	Subject.
107716	10-13	FLORIDA R	Reports on test of experimental apparatus.
✓ 107833	10/14	To Mare Is, Pug. Sd., Norf., Phila. Boston. C&R	Fwds copies of corres. upon which Bu is basing typical plans for radio installations on armored vessels. W
✓ 108268	10-18	Marconi Co.	5kw and 10kw radio sets; on reqn. 109; reqt. authority to use Weston 7-1/2" meters in order to make smaller and more compact switch-boards. W
Company change dimen switchbd 10-22		To Marconi, inc. in hight satis. 10/23	(to) to --- 7-1/4" satisfactory. 10/20. Fwd NY with prints; quotes telegram to Co. 10/20. W
✓ 108289	10-7	Sec. Francoise Radio Elec	Fwdshill for radio apparatus shipped via steamer Oceanic. W
No #	10/18	To S&A.	Bu, reqn. 109; radio sets for ships, est. to cost \$20,000. Rec of award.
✓ 108356	10/21	To Dept via C&R.	Standard radio equipment for ships. First tests of experimental radio installation on FLORIDA has been completed. Bu desires to make further experimental installation with improvements suggested by FLORIDA, and NO. DALC. A will be available for W. S. 10/30. To NY. Instructions 10/30
✓ 108530	10-22	Lowenstein, F.	5 kw radio sets; submitted bid on reqn 109 for set similar to those for WYOMING; W to --- Fwd NY. Offer acceptable. 10/23

APPARATUS: 876

Number	Date	From or To—	Subject	
✓ 108635	10-23	At. Com. Co.	Solicits business for high power quenched gap sets particularly for Lake Bluff Sta. W. To type of apparatus not yet considered. 10/24	
✓ 108619	10-26	At. Flt Fwd NY for information. 1/9 121	Results obtained on FLORIDA test warrants re-locating radio rooms on all ES below water line and raising mast. W Fwd NY Request rec. as to addtl upper deck station on flagships. 10/30. 11/28 Fwd Dept via C&R. for decision. 12/3. 11/28	
✓ 108964	10-27	S&A 302-63	Submits report of all G&K showing radio apparatus and material purchased during fiscal year. W To Dept. Fwds papers. 10/30.	
✓ 108956	10/28	To NY	Radio sets - F. Lowenstein - cont. 121. Instructions re tests of transmitting parts. W NY reports status of 11-8	
✓ 109092	10-25 10-29	Hudson, W. Dept	Reqt. Bu. investigate his new system of radio. W To W. Hudson. 10/31	
19623	10/27	NY	Fwds copy of letter from MARCONI refusing to supply additional protective appliances on this cont. and 19095.	629
5698	10/30	NY	Report test of 1/2 Kw radio sets, fwds photos.	706

APPARATUS:

1913

Number.	Date.	From or To—	Subject.
✓ 105483	9-10	NY 855-705-119	Sets submitted by Wireless Imp. Co. Recommends testing out at full rated power for as long a wave length as can be obtained. W
105730	9-16	To S&A.	Reqs. Yards be asked to report number of purchases of radio material during past fiscal year - giving price, etc. W
105739	9-16	To Dept. (Asst. Sec)	Gives list of radio apparatus purchased during past fiscal year (complete sets and gen. sets only) W
✓ 105983	9-18	North American Wireless Corp.	States ate manufacturing high note quenched spark system formerly manufactured by Carwood Mfg. Co. W TO -- 9-19 Fwd S&A 9-19
106864	10/1	To Marconi W.T. Co Atlantic Com. Co. Nat. Elec. Sig. Co. Fritz Lowenstein Wireless Spec. Ap. Co. Wireless Imp. Co.	Reqt ability to supply 5 Kw sets. by Nov. 15. Replies 10-2 Marconi replies 10-3 Replies 10-6 Replies 10-4
✓ 106926	10-2	To M.I.? N.Y. and S&A	Shipment of 2 - 2K.W. sets. Wireless Imp. Co. N.Y. Reqn. 1742 - to Ware Is. for stock. W
✓ 107144	10-4	NY T	Reports on status of deliveries on contracts 19095, 14746 and 133. W To -- loan of radio set to NY Co. for prel. trials of TEXAS authorized. 10/7 NY R gives app available 10-8 N.Y. Adj. data 10/8 (R) to -- 2d set. cont. 14746 assigned TEXAS; instructions. 10/9

APPARATUS 876

Number.	Date.	From or To—	Subject.	
107099	10/3	C.O.	NASHVILLE, reqt that vessel and other small ships doing duty in SOUTHERN waters be equipped with powerful radio set.	306-6
✓ 107109	10/4	To NY— R	Contracts 19095, 14745 and 133; request status of deliveries.W	
✓ No #	10/4	To NY via S&A.	Ware Island survey 24; material received from Cavite via NANSHAN; request shipment to NY. Y	
✓ No #	10/4	To Dept.	Submit Bu. reqn. 109 for radio installations on TEXAS, BROOKLYN, COLUMBIA, MINNEAPOLIS, CALIFORNIA and SO. DAKOTA; necessary to complete before Jan. 1, 1914.W	
107382	10-8	FLORIDA R VOID	Have ordered Clark to inspect Light Vessel	72.W
✓ 107581	10-8	FLORIDA R	Reports on experimental radio installation.W	
107381	10/7	To FLORIDA R	Requests keep Bureau informed progress of results obtained with experimental installation.W (R) to --- request more information. 10/9 (R) to WYOMING desire arrange comparison with FLORIDA. 10/8 (R) to Norf & Phila. gives schedule of tests between Bu. standards and Fleet. 10/10.	

1913

APPARATUS:

Number.	Date.	From or To--	Subject.
✓ 102052	7-15 7-22	NY C&R	365-855-27 27851-E.60 Reports results of experiments for best location of radio rooms, length of aerials, etc. recom ends installation on Ft. Mica in location recommended. To NY, relocation of room as rec. is appd. 7/23. Ret C&R. 7/23.
✓ 101982	7-18	At. Flt Radio officer	Reports on radio situation in New England with recommendations as to equipment of stations for reliable communication with Arlington. Fwd Dept. comment. 8/5
✓ 102469	7-26 7-28	Trew. G.E. Dept. ---	Reqt. Navy send representative to examine his radio outfit. To--- (For Secy's sig) request furnish S.E. with details. 7/30.
✓ 102649	7-23	At. Flt	Radio signals; notes on; suggestions for developing skill in sending to deceive enemy as to distance of ship, etc. W
✓ 102695	7/30	To NY	5-kw radio sets, schedule 5440, cont. 19095. Fwds specifications for inspection purposes. To--- specns forwarded should be held as confidential. 8/21.
102574	7/28	NY	5-kw radio set delvd contract 18623. Marconi Co. reports on insp of, in some respects superior to other sets. 164--6
✓ 103243	6-26	Cavite	In-active radio stock in store; recommends shipment to M.I. W. Fwd S&A rec be shipped to M.I. 8/11. Fwd S&A rec be surveyed. 1/3. 12
✓ 103766	8-13 8-16	W. Va. University S&A	Reqt. specns covering. To--- cannot furnish prints. 8/18. Reqt. additional inform 8-22 To--- cannot furnish. 8/25

APPARATUS. 876

Number.	Date.	From or To—	Subject.
✓ 104091	8/21	To S&A	Washn yard - delay in shipment of radio apparatus. Calls attention to fact that Bureau has no method of knowing whether material has been shipped, after requests for shipments have been made, except by investigation. W ret. S&A requests Wash. Yd inform Bureau when excessive delays in shipments occur 9-10
104094	7/1	Guan	Recommends this and similar outlining stations be furnished with duplicate set of apparatus. 813
✓ 104357	8-25	Wireless Spec. App. Co.	2 kw panel transmitting set; rect. Bu. examine; believe will change award on 5 kw sets. W To --- & NY. test authorized. 8/26
✓ 104401	8/25	To Mare Is.	Fwds specfns 16RI, copy report SALEM-Arlington tests, pamphlets by Dr. Austin, and print giving data for mfr of standard high-frequency resistances, for information of Radio Officer. W Standards withdrawn - request M. Is returns report 11-21
✓ 104683	8-30	TO NY	Directs sets of Wireless Imp. Co. be not tested to their injury at wave lengths below 600 W
✓ 104843	9/3	To NY (R)	Report immediately status delivery radio sets due Lowenstein and Marconi contracts. W
✓ 105004	8-4	NY 850-705-115	Marconi contracts 18623, 19095, Lowenstein 18623 14746 and 121; status of delivery. W
✓ 105377	9-9	Atlantic Com. Co.	5 kw radio alternators and exciters; have not received reqn. W To - reqn. approved Sept. 9 - 9-12

APPARATUS:

1913

Number.	Date.	From or To--	Subject.
✓ 99449	6-12	NY 855-705-67	Specns. for radio sets; suggested amendment for protective devices: based on objections to schedule 5159.W
✓ 99487	6-14	Clark, G.H. R	Amended specns forwarded to-day: recommends including in next proposal.W
✓ 99686	6-17	NY 855-585-6	Fwds print., including photographs of radio station NY. W
✓ 99704	6-17	Clark, G.H. T	Are preparing details of standard specns; will attend Marconi coupling patent suit; suggests orders for himself and Hill to Sayville.W
✓ 100006	6-21	Clark, G.H. R	Considers section 3 of radio specns. covering portables satis: Patent suit will require one week.W
✓ 100160	6-23	Pfund, R.	Wireless specns. Asks if both 2 and 5 kw sets shall have range and wave lengths up to 2000 meters.W To---not desired to reduce. 6/24.
100431	6-25	Clark, G.H.	Inspecting apparatus various firms with Woodward, and Hill: portable set not received.W

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓100485	6-27	Pfund, R.	Reqt. be kept advised of changes, or contemplated changes in S. cons. radio sets. W To---Ack. 6/26. To---suggests ship hot wire wattmeters to Bu. Standards for test. 6/30.
✓100983	7-3	Marconi Co	Fwds year book on wireless telegraphy. W
✓101018	7-3	At. Flt	Recommends shore stations be fitted with 2 keys to prevent delay when key heats up; also means for shifting from high to low power easily. be fitted all shore stations. W
✓101061	7-8	Lowenstein, F.	Gives new address. W
✓101227	7-22	Wireless Imp. Co.	Fwds photographs of their make and break panel sets. W. To---Not desired to test. 7/11.
✓101359	7-12	To 7 FIRMS	Fwds copy of specns attached to reqn. for 35 1/2 kw radio sets; asks if will compete for award. W
✓101527	7-14	Pfund, R.	At. Com. Co. 7-25. R. Bond 7-25 To R. Pfund. Cannot delay opening bids. 7/26 Special .5 kw quenched spark gap sets for Submarines; re ability to furnish. W
101359		SEE ABOVE	To At. Com. Co. schedule will be distributed about 28th. 7/26

BELOW

APPARATUS:

1913

Number.	Date.	From or To—	Subject.	
96790	5/9	To 17 SHIPS	Standard radio installation; action withheld on request for alterations, pending Dept's decision re standard type.W	
✓ 96914	5/9	To Wireless Spe.App.Co.	Two 5-kw radio sets; request date of delivery.W Company 60 to 90 days 5-13	
✓ 97135	5-8	Kilbourne & Clark Mfg.Co.	Will have 5 kw set ready for delivery July 1st. W. To---Bu desires to test at NY yard.5/13. K&C Co. agrees to bear expense 5-20 To---comment re test.5/26.	
97110	5/9	Reserve Tor.Group	TEDS: reat that one kw set be installed on ttds of group.	496
✓ 97227	5-13	Nat.Elec.Sig.Co.	List of schedules and reqns. fwds; and asks to whom contract awarded. W Fwd S&A- 5/14 Nat.Elec. reat.reply. 6-6 To---suggests communicate with S&A.5/6,	
✓ 97445	5-16	Atlantic Communication Co	7 2 and 5 kw sets; asks if transformer must have solid insulation.W. (T)to---oil insulation satisfactory for early delivery three 5-kw. Solid insulation for others.5/17. To NY. Quotes telegram.5/17 At.Com.Co.5/19 states are complying.5/19 Fwd S&A.rec original proposal of At.Com. Co.be accepted.5/20.	

APPARATUS: 876

Number.	Date.	From or To--	Subject.	
✓ 98073	5-22	At. Flt	Radio material; comments on Telefunken wave meter, Tessen den motor generators, receivers, protective devices, relay keys, and comments on fact that ship can receive more efficiently in dry dock than those at sea. W. To --- comments. 5/27. To S&A (2) request shipment of material to E-1 and E-2 and GEORGIA from NY. 5/27.	
98554	5/29	NY	Reqt ruling as to invoicing radio material under title "A"	603
98576	6/2	To NY.	Requests recommendation as to storage at NY yard of radio material of old pattern which is removed for more modern. W	
✓ 98931	5-17	Hans Boas	Fwd's photos and description of his apparatus: (personal to Rear Adm Edwards). W Fwd Nav Intel. for translation. 6/7. R B	6-17
✓ 99111	6-10	NY T	UTAH: test for best location of radio room; in progress; recommends no changes until completion of. W To Dept. Request orders for G. H. Clark to travel to NY. 6/10. Fwd CER. 6/10. R B	6-14
✓ 99176	6-10	NY 855- 705-64	Lowenstein contracts 14746, 121, 523; 274; status of deliveries. W	
✓ 99420	6-13	NY	Reqt. portable set be expressed to New York for use Mr. Clark in connection with revision of specs. W (R) to --- To S&A request shipment radio set, Washn to NY. 6/13.	

APPARATUS.

Number.	Date.	From or To—	Subject.
✓ 94773	4/12	To At Fleet	Bureau desires conference with Fleet Radio Officer and certain other officers to prepare standard plans for ships' radio installation. W At. Flt. 4/17 suggests Apr. 12th date most convenient. W To Navgn. 4/18
95138	4/16	NY	Forwards prints. W
✓ 95370	4/17 4/18	At. Flt. Dept.	Standard radio equipment for battleships. Forwards detailed recommendations from COs of ships of Fleet. W To Dept via C&R. Surt. Radio comments 4/29. R.R. 5-26 To Atlantic Ct. same report 5/1 To NY same 5/1 R.B. with GENERAL BOARD's comments 6/6 Ret. Dept via C&R. 6/7.
14811	4/19	NY	Radio set, states seven sets received and tested and found to conform to requirements of specs. 629
✓ 95694	4/24	Atlantic Communication Co.	Writes relative to protective devices for radio sets, specifications 16-R-1. W Ref. NY for comment. 4/26. R.B. 5-26 To --- comment. 5/26.
95836	4/25	John Firth	Simon 10-kw quench spark gap set: asks Bureau to consider purchase of. W
✓ 95934	4/26	To NY--	Radio sets, contracts 14746 and 121. F. Lowenstein; requisition submitted for purchase of motor generators and transformers. W

APPARATUS. 876

Number.	Date.	From or To.	Subject.	
96234	4/30	NY	Forwards prints showing various radio telegraph apparatus.W	
✓ 96235	5/1	U.S.Govt Dispatch Agency	Forwards correspondence relative to the free entry of certain wireless apparatus from England for Arlington.W Rwds S&A recommends 5/3	
92800		SEE CARD # 35.	ALBANY. 3/24 Arlington recd copys of replies 11-19	
✓ 96387	5/2	Marconi W.T.Co.	Rwds clipping from New York Times calling attention to the report of the British Post Office on certain systems.W To-- 5/3	
✓ 96599	5/6	Marconi Wireless Co.	Requests test of 1/4-kw equipment; dis-appointed not receiving award for contract awarded to Nat'l Elec.Sup.Co.W To-- Willing to test portable set 5/7	897
96579	5/6	To N.Y.	Proposed allowance lists of RADIO MATERIAL.W	
✓ 96586	5/6	To S&A	Recd shipment radio apparatus to Beaufort, Chas. from MI & Wash. W.	

1913

APPARATUS:

Number.	Date.	From or To--	Subject.	
92055	3-8	NY	Fwds Telefunken plan No.131. W.	
92013	2/27	At. Flt.	Radio installation on fleet, comments on and makes suggestions for improvements	493
92217	3-11	Washn Mch & Mfg Co	Reqt. opportunity to bid on radio and other elec. work. W-LR To ---, Fwd S&A 3/12.	
92264	3-11	S&A	Marconi request additional data on Antennae transfer switch and wave meters re covered by specns. 16-R-1.W. To Marconi Co. --- Fwd NY, directs furnish Company with details. 3/13. R 3-18	
92913	3-15 3-19	Dedwell Co. Dept	Asks if apparatus delivered by Wireless Spec. Co. has proven satisfactory. W. To Dedwell & Co. is satisfactory. 3/20.	
92842	3-14	Pug. Sd	Material transferred from one ship to another; reqt. instructions for handling. W	
		Ret Pug. Sd. 4/24. R B 5-5 To NY. Labels accepta- ble. 5/9.	To --- request subject of letter. 3/21 Pu. Sd. fws order 4-20 To --- comments: instructions 4/3 S&A fws original 4-15 Held. S&A 4/16 R B 4-22	
93239	3-22	NY 936-855	fws corres. w th Wireless Imp. Co. re loan of 5 kw Crocker Wheeler motor generator for test in connection with their apparatus. W. Fwd S&A. Reqt NY; ard be authorized to loan. 3/25. R B 4-18	

APPARATUS: 876

1942

Number.	Date.	From or To--	Subject.	
✓ 93808	3-26 3-31	Heighway, A.E. J&H	Asks if Bureau is in need of facilities for mfg wireless apparatus. W. To Heighway. 4/1.	
✓ 94010	4-2	Pfund, Richard	Reports severance with Telefunken Co. due to his refusal to supply old apparatus on contracts and undervalue goods coming thru Customs House. W. To---Ack. 4/9.	
✓ 94530	4-5	Compton, F.E.	Asks information as to latest developments in wireless. W. To---Suggests communicate with mfrs. 4/10	
✓ 94672	4-7	At. Flt	Submits proposed specs. covering standard radio equipment for SS. W. Duplicate thru Dept. Ret Dept 4-15 R.E. with 95370-876.	
✓ 94862	4-12	Cutler Hammer Co.	Radio specs. takes exception to clauses which prohibit use of their starting panel. W. Request reply. 4/24. To---have requested. rec from NY 4/26. Fwd N.Y. 4/15 R.E. 5-9 NY copy of letter to stating starting panel acceptable. 5-14	
14811	4/11	To NY	Radio sets, asks if all seven have been received from GARWOOD ELEC. co.	629
94892	3/31	SALEM	Reports on test with ARLINGTON, especially as to superiority of arc over spark	841
95047	3-31	NY	Fwds prints. W	

Number.	Date.	From or To--	Subject.	
✓ 87675	11-7	Clark, GH	Reports on Wireless Improvement Co. 1-4 kw panel radio set. W. To Wireless Imp. Co. Fwds copy of report. 1/16. To Treas. Dept. Fwds copy. 1/17. To War Dept. Fwds copy. 1/17.	
✓ 87751	1-15	NY	Fwds correctly numbered sheets covering oil engines. W.	
✓ 87845	1-17	Wireless Emp. Co.	Proposal for supplying motor generator for panel set purchased from Panamanian Govn. W. Fwd by Directs test of motor generator to obtain information. 1/20.	
✓ 87959	1-17	Narr. Bay	Note on Alida, Morris, Gwain Gwin, Restless Chicasaw, Blakely, Dupont and reports on VESUVIUS. W	
✓ 88189	2-12-14	Lorenz, C.	Quotes price on complete set. W	
✓ No #	1/23	To M. Is.	M. Is. recn. 549. 500 cycle, 110 volt motor- generator radio set, shipped from Washn to M. Is. Directs use of by working party to be sent to North Head. W	
88734	1/27	Norf.	Portable radio sets handled by Hunt & McCree fws catalog and reqt auth. to purchase a set at \$14.80 which would be suitable for use in 50' steamers.	897
89410	2-3	Phila	Req. description of radio installation for each ship based at yard. W. To---Fwds certain. 2/5.	

APPARATUS: 876

Number.	Date.	From or To—	Subject.	
✓ 90238	2-12	NY 855-1	Reports list of apparatus in store and due on contracts. National Elec. Sig. Co., Garwood Elec. Co. Lowenstein. Wireless Spec. Co. and Telefunken Co. W.	
✓ 90245	2-13	Marconi Co	Can make quick delivery of apparatus from factory in Alderney, N. J. in case any is required due to Mexican trouble. W TO -- thanks 2-14	
✓ 90895	2-17 2-20	Quartermen Elecn J. E. Fellows NY 855-2	Submits scheme for controlling radio from conning tower. W. To NY. Not appd. 4/28.	
90846	2/21	To NY	Telefunken print #131: request copy of, Contract 13549.W (Motor generator set.)	
✓ 91021	2/8	Washn	No yard craft or ships out of commission equipped with radio at yard. W	
91006	2/3	M. Is.	Requests radio apparatus for SCHOOL.	707--2
91224	2/25	NY	Radio app; fwds print. W	
91215	1/30	At. Flt.	Recommendations re radio equipment of cruisers and destroyers.	708

APPARATUS:

1912

Number.	Date.	From or To—	Subject.
✓ 85451	12-10	Dept	Fwds letter from French Engrg. Firm re test of radio directed torpedoes. W. Ret---rec Naval Attache at Paris investigate and report. 12/20. BB 4-15 Ret---4/15.
85517	12-18	NY 855-585	Fwds "A" sheets. W
✓ 85509	12-6	Telefunken Co	5-kw sets; asks if in market for any similar to those furnished Arlington. W.
85464	12/19	To YARDS.	Requests report be submitted to Bu. Can. 1. 1913, giving complete list of radio material on hand. W
✓ 85623	12-14	Citadel, Chasn	Discarded sets; reqt. opportunity to purchase. W. To---disposed of at public sale. To NY directs fwd advertisements from time to time. 12/23.
✓ Reqn. 41	12-21	Dept 12479-270-43	Approves of placing order with R.G. Bealle Construction Co. Admonishes the Bureau for failure to obey various Circular letters from Department relative to forwarding reqns. with competition waived, placing orders, etc. Also officer for allowing Constructions Company to proceed with work without formal order. K
86246	12-28	NY	Reports on radio material in store. W.
			1913.

APPARATUS: 876

1913

Number.	Date.	From or To—	Subject.
✓ 86311	12-31	Pensacola	Yard Craft; no radio installed. W.
✓ 86443	12-31	Nav. Acad	Yard craft; description of. W
86500	1-3	Phila VOID	Reports status of manufacture. Y
86516	12-31	Bost	Radio material in store; reports on. W.
86519	12-30	Phila	Reports material in store. W
✓ 86624	12-24	M. Is 11988	Fwds description for ACTIVE: FARRAGUT: FORTUNE: INTREPID: JUSTIN: MARBLEHEAD VIGILENT. W.
✓ 86797	1-4	Norfolk 516	Material in store. W.
87308	1/6	Pug. Id.	Radio material on hand: Fwds report. W
✓ 87464	1-12	Clark, G H	Makes report on installation on ARKANSAS. Key West, sites for Pacific Coast Station, high powered station Panama, Beaufort, and recommends new set for PRAIRIE. W

1912

APPARATUS:

Number.	Date.	From or To—	Subject.	
81961	11-6	Wireless Spec.Co	States receiving set to accompany set sold by Panama Govn. has been delivered. W. To---11/8.	
81934	10/18	Atlantic Fleet	Reports on successful control while maneuvering by radio and suggests carrying small sets and running battle serial along armor on both sides of ship for battle use.	493
82063	11-8	CINCINNATI Cable	Reqt. Bureau mail specn. covering Key West, & Colon sets, wireless towers, and report on Federal Tel. Co. for use Phil. Govn. W. Thru War Dept. 11/8. To---Gives information 11/13.	
82443	11/12	Wireless Imp.Co.	Panel sets for use in submarines: States understands are to be 1/2 kw. W. To---confirms understanding. 11/14.	
82482	11-12	Wireless Imp.Co.	States have arranged to supply transmitting panel set with 1/2 in lieu of 1/4 kw motor generator: reqt. copy of Hill's report. W.	
82631	11-7 11-9	Wireless Spec.Co. NY	Reports stock of Leyden Jars and Pickard adjustable telephones ready for delivery: NY reports on stock on hand. W.	
82651	11-16	NY 585-281	Radio specs: suggestions for changes in W. To S&A. Fwd'd Revised 16-T-5: requests be printed 12/10. B-11-2-4 Fwd'd S&A. returns corrected proof. 12/28	

APPARATUS. 876

Number.	Date.	From or To—	Subject.	
✓ 82800	11/18	To Stations	Shore stations: instructions as to preparing report of description, apparatus, etc. etc. to be submitted with Description of Radio Plant". W	CARD 39
	11/19	To yards and Sta.	To SHIPS. recst. report be submitted Dec. 31st. 11/18 To ROTOMAC. recst addtl Request report, ships out of commission and yard craft. W	copy. 12/6
	12/11	To Yards & STA.	Recst next ret. of form #25 be in duplicate. W	
✓ 83444	11-23	Wireless Imp. Co.	To Guam will issue now form 477. To Newpt. Only one copy received. 1/31. NY in few days 12/31. TO SHIPS. recst dupl. 1/20. 1/27	
			Lists material purchased from Panama Govt ready for shipment. W	
			To---Request data to identify motor. 12/6.	
83631	11-23	NY 855-926	Twds "A" and "F" sheets. W	
✓ 84332	12-2 12-5	State Dept Dept	Apparatus purchased from Panama Govt: no objection to amount due being paid to Consul General Panama at NY. W	
			To Wireless. Spe. App. Co. Recn. has been submitted. 12/7.	
84719	12-9	Nat. Elec. Sig. Co	Federal Wireless Co. Takes exception to their testimony before the Marconi Agreement Committee of Eng. Parl. in which they claim Navy requested their instruments for Arlington and intended to adopt same for all Govt. work. W.	
			To---12/13.	
✓ 85177	12-14	Reiff, W.N.	Recd. information re spark gaps, cycles, etc. used by Gulf stations. W.	
			To---Gives data. 12/17.	
✓ 85398	12-16	Clark, G.H. T	Recd. Federal Radio Co. representative be allowed to take trip on AR/ASAS. W.	
			(T) to AR/ASAS. Specific instructions. 12/19.	
			(T) to Key West. Instructions. 12/19.	

Number.	Date.	From or To—	Subject.	
✓ 78970	9/27	Telefunken A. T. Co.	Give as list and dates on which they expect to deliver apparatus. W	
+ 78970	9/27	To Telefunken Co T	Asks date of delivery at NY. of 2 5Kw sets. End NY. expedite insin 9/30 RB 10-6	
✓ 79135	9-21	Telefunken Co	Fwds literature on their apparatus. W. To—ack 9/30	
79401	9/26	Colon	Submits estimate and prints in connection with erecting apparatus purchased from Panama at Last Balboa.	BCB
79636	10-5	NY	Fwds sheet "A". W	
79628	10/7	To Asiatic	Reqt list of vessels giving power, type, name of mfr of radio set installed with recommendations for increasing efficiency.	495
✓ 80186	10/14	To Colon	Bu. has made reqn covering apparatus purchased from Panama Government, material to be held at Colon.	
+ 80223	10-7	M. Is	Federal Telegraph Co. test of Paulsen apparatus at Arlington; reqt. to be advised of dates so M. Is. Sts can listen in. W. To—Will advise later. 10/15.	
✓ 80802	10-21	Federal Tel. Co	Will arrive Washn Nov. 1st with set for test at Arlington. W	

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓ 81044	10-24	NY 585-272	Submits proposed specs for 2 and 5 kw sets. W.
✓ 81222	10-26	Nat. Elec. Sig. Co	Heterodyne radio system; Guy Hill witnessed operation; and reqt. to be furnished with his report when received. W. To---Will be furnished. 10/29.
✓ 81273	10-1	C&C Elec. & Mfg. Co	Co. guarantee not to make report pub. 10-31 To---NY. Fwds copy of report. 11/6 Reports taking over business of Garwood Elec. Co. W. To---Ack. 10/29.
✓ 81394	10-26	NY 485-275	Specs. 16-T-5 for sets; submits recommendations for changes in. W.
✓ 81551	11-1	Hill, Guy	Reports on National Elec. Co. Heterodyne sys. W.
✓ 81661	11-2	Wireless Spec. Co	General letter (Personzl) re new type 1-p-76 miniature type, canal zone set, Lyden jars, micrometers, adjusting detector. W. To---comments. 11/5.
✓ 81676	10-3 10-25	Federal Tel. Co. M. Is.	Reqt. authority to install Paulsen apparatus at San Diego for test purposes; W To M. Is. Co may be allowed to install one receiving set. 11/5.
✓ 81646	10-26	Colon	Reports receipt of one 1-p-76 receiving set from Panama Govn. W.
✓ 81654	10-25	M. Is 1194	Reqt. print of 25 h.p. engines, and 10 and 5 kw sets for Alaskan Radio Exp. W. To M. Is. asks be forwarded. 11-4 NY fwds copy of order sen ing prints to M. Is. 12-16

APPARATUS.

1912

Number.	Date.	From or To	Subject.
77022	8/29	NY	Radio telegraph apparatus; fwds prints and photographs. W
77374	9/5	To S&A	Bidders, C & C Elec. Mfr Co. to be substituted for Garwood Elec. Co.
✓ 77451	9/5	Wireless Imp. Co.	Requests vouchers covering payment for wireless apparatus purchased from Panama Govt be held up until authority to make payment to Company direct is received. W TO -- payment held up. 9-6
/ 77546	9-7	Wireless Imp. Co.	Apparatus purchased from Panama; fwds letter from Panamanian Minister requesting he act as intermediary for payment. W. Fwd Nav Intel for translation. 9-9 TO -- payment to Panaman Consul. 9-18
✓ 77960	9-12	Wireless Imp. Co.	2 kw. 500 cycle, quenched gap set; ready for shipment and recd. inspector examination before shipping. W. To-NY. directs 'Hill' inspect 9/13
77964	9-9	NY 855-70	Submits recommendations for protective appliances while using resistance rod to radio set; fwds plan. W. To-Telefunken Co. 9/16 (Also see cont. 123) To--NY willing to accept Telefunken protection appliance at reduction, also recd detailed information on appliances 9/16
78071	9-14	Telefunken Co	John Enger no longer employed by company. W
78183	9-14	NY 585-262	Radio specna. 16-P-5; recommends revision of as none of the sets purchased have complied with all sections. W. TO NY NY Id. to prepare revised. 9-17

N.S.E. Form 134.
APPARATUS 876

Number.	Date.	From or To—	Subject.	
78200	9/17	NY	KANSAS: set assigned from LOWENSTEIN still unsatisfactory.	121--6
123	9/17	Telefunken Co.	Will supply regular carbon rod appliances at reduction of \$40. per set	629
78392	9-17	Telefunken Co	Fwds booklet on their installations. W To--Ack. 9/19	
78405	9-16 9-18	State Dept Dept 12479-207-14	Fwds corres. from Panaman Minister re payment for sets purchased from Panama Govh. W Fwd S&A 9-20	
78607	9-20	NY 8554705-672	Reports inspection of 2 kw panel set submitted by Wireless Imp. Co. W. To Wireless Imp. Co. Bu returns description. 10/10 To Wireless Imp. Co. Fwds copy of report. 11/15.	
78754	9-12	Colon To Colon directs fwd Bill to Bu. 10/5	States receiving set was not delivered with apparatus purchased from Panaman Govh. W. To--Wireless Spec. Co. re whereabouts of set 9/25 Com any state receiving set now in store Panama. 10-3 To Wireless Sp. Ap. Co. 10/5	
78981	9/27	Telefunken Co. T	Will make partial delivery Oct. 3rd. balance October 12th; delay due to changes required to bring up to make best ever delivered. W.	
79013	9/27	Wireless Specialty Receiving Co.	1-P-76 receiving set sold to Panama Govt. States inspector of telegraphs, Panama Govt. will be in New York the 28th and will ascertain why complete apparatus was not delivered. W	
78894	9/25	To Beach Thompson	ARLINGTON. grants permission to make experiment test of his apparatus. W To--test granted and gives instruction 9/26 Asks when covers will be completed 10-5	
			(S&A) C.F. Elwell, Fed. El--Towers completed 10/7	

APPARATUS.

Number,	Date,	From or To--	Subject.	
✓75844	8/15	Telefunken Co.	Reports failure of Bureau to return circuit breakers and power factor meters under contract 12899, 15/10, for which 451 was deducted from contract price.W To--Reqst quote price, 8/16. Fwd NY. request present whereabouts, 8/16. REB 8 27	
75817	8/15	To Marconi Wireless Co.	Reqn 69, fwds specs.	876
76033	8/16	NY 855-926-17	Fwds 4 sheets covering Marconi's apparatus and distance control oil engine.W	
76055	8/16	NY 855-926-	Radio telegraph photographs; fwds for Bureau's binders.W	
76128	8/19	Wireless Improvement Co.	1/4-kw radio set. Will ship within ten days, and quotes price.W	
76156	8/20	Hill T	PATAPSCO: recommends shipment of 5 Kw Mass. Wireless Co's set to Norfolk for installation during time that Insp. Clark is at id.	334-6
✓76339	8/8	Colon	Makes report on the radio set offered by the Govt of Panama for sale. Recommends purchase and erection near Balboa.W To--Bu. has prepared reqn to cover & reqt est. of cost to install, etc. 8/29	
76211	8/10	Pac. Flt	Pacific Flt. recommends vessels of Fleet be fitted with more powerful radio apparatus	494

APPARATUS.

876

1912

Number.	Date.	From or To--	Subject.	
76423	8/19	CO	MISSISSIPPI: Requests authority to turn in of old Stone wireless set.	parts 291-6
✓ 76519	8/27	Clapp-Eastham Co.	Quotes price on seven 1-kw. radio sets. W	
✓ 76692	8/22 8/24	College of the City of NY 930-749	Requests to be furnished with photographs and prints of Poulsen set recently pur- chased by College. W ret-appd. 8/27	
✓ 76773	8/23	B.M. Whitlock	Calls attention to the superiority of the radio apparatus manufactured by the Carwood Elec. Co. Also states will be in position to furnish solid petroleum and coal briquettes in short time. W-F	
76829	8/28	To Telefunken	2-5 K.W. sets - asks if competition price will hold for purchase without comp. W	
✓ 76875	8/29	Telefunken N.T. Co. T	Will accept order for two or more 5-kw sets on same terms of delivery as quoted in formal proposal. W	
✓ 77061	8/29	Wireless Improvement Co	Set purchased from Panama Govt. Requests payment for transmitting panel be made to Wireless Co. direct, as Panama Govt has not yet paid for same. W To---re procedure. 9/3.	
✓ 77053	8/29 9/5	Wireless Spe. App. Co. do.	Requests payment be made to Company for set recently purchased by Panama Govt. To Colon. Asks if has been del. to Panama Govt. 9/3. To---advises of action taken. 9/3. Rec. and sending set was shipped 24th of pr. and should have been included in apparatus sold navy. W	

APPARATUS.

1912

Number.	Date.	From or To—	Subject.
74557	7/25	Chas. CSH	Fwds blanks to be signed by T.P. Clark covering boxes of electrical instruments shipped from Jupiter to Charleston yard. W To---Returns certificates. 1/11.
74144	7/29	TO VESSELS	New form, "Description of Radio Plant" will be furnished, to be filled out and returned. W To Washn. directs supply copies to list of vessels attached. 7/31.
74980	8/3	Clapp-Catham Co.	Notes price on experimental set. (T) to---Request ship to Washn of parts. 8/7. To---Reqn will be submitted for. 8/7.
74983	8/8	do.	Corrects quotation. W To---Reqn will be prepared 8/10
74983	8/3	Nat. El. Sig. Co.	5-kw quench spark sets: will take four months to deliver. Can supply 2-kw in 30 or 40 days. W To---A reqn for 2 5kw sets has been prepared 8/5
75042	8/5	Wireless Improvement Co.	1/4 KW generator radio set: Fwds report of test on merchant steamer "ALMIRANTE" together with photographs. W To---Ack. 8/7. To---Desires test at Wash. Yd and reqt price 8/14
74727	8/2	TO STATIONS.	Quarterly inspection of radio stations: when forwarded to Bureau, directs be accompanied by statement as to what action has been taken in the more important deficiencies. W BLRB 8-15
75168	8/2	NY 855-705-661	Fwds report of test of wireless app. delivered by Marconi, Telefunken, Garywood, Wireless Improvement Co., and Lowenstein, and makes recommendations for requirements for apparatus on future contracts. W

APPARATUS. 876

Number.	Date.	From or To—	Subject.
74728	8/3	TO SHIPS & FLEETS.	Semi-annual report of radio installation; Form NSE 25 not received for period ending June 30th. W MARS 8/6. KEARSARGE 8/6. No radio plant installed. Ret MARS. Request furnish when next placed in service. 8/8. To Pac. Res. Flt. Request form N. Eq. 123 or NSE 25; also other information. 8/26. To—Pug. Sd. re Chas. semi-annual report 9/11
75448	8/8	Marconi N.T.Co.	States have submitted proposals for two 5-kw sets July 29th. Requests consideration. W To—should comply to specs 16-T-5 8/10
75594	8/10	NY 2290	Reports on wireless sets in store; reports that assignments under contract 14811 have all been supplied with sets from other sources with exception of sets for JUPITER. W To—Directs 2 be assigned to HENLEY and JARVIS; directs set in store be shipped to Phila. for JARVIS. 8/13
75676	8/12	NY 855-926-16	Radio telegraph A sheets; fwda. W

APPARATUS:

1912

Number.	Date.	From or To—	Subject.
73064	7-9	Clapp Eastham Co	Gives information regarding 1 kw sets. W
✓ 73150	7-9	Telefunken Co	5 kw set; gives range transmitters and submits list of apparatus comprising set. W.
✓ 73198	7-10	NY 855-705-	Replies to complaint of giving information against wireless Spec. quenched gap sets. W
73305	7-10 7-12	State Dept Dept 12478-407	Have instructed Minister Panama purchase radio apparatus now in use National Theatre for Navy. W To Colon Purchase of set from Panama. 7/17 Ret-Dep 7/17
✓ 73342	7/2 7/8	Francis P. Wheeler Commerce & Labor	Data on wireless telegraph systems for publishing in "Fact Book." W To -- gives information. 7-16
73501	7/13	NY 855-926	Radio telegraph A sheets; fwds. W
73859	7/18	Clapp Eastham Co. T	Quotes price on set, including repairs. L To Wash. Radio set to be returned to Contrs. for repairs 7/20 To-SAA reqt shipment 7/20
73823	7/18	Clapp Eastham Co.	Confirms price for experimental set now at Washington yard. W To-Instrument to be returned for repairs. 7/22 From Co. 7/25. notes price to include Gen. W To---Will prepare recn for. 7/31.
74120	7/22	NY 926-337	Radio sets; plans and data sheets; fwds. W

APPARATUS: 876

Number.	Date.	From or To—	Subject.
✓ 73716	7-18	TO Clapp Eastham Co T	Bu desires to purchase set; quote price. W
74278	7/24	NY 855-926-14	Radio outfits: fwsd sheets showing requisitions and distribution. W
74293	7/24	NY 855-526-15	Radio telegraph apparatus: fwsd blueprints and photos. W
74069	7/23	To M. Is.	CLEVELAND & DENVER, directs old radio set which are being replaced, be not turned into store except by specific directions of Bu. 162--5
74067	7/23	To NY	NEW HAMPSHIRE, do 312--5
74068	7/23	To Pug. Sd	RALEIGH, PENNA. WEST VIR. Galveston & Chattanooga. 368-6 (same as above) To Pug. Sd directs transfer of W.VA's. 12/10.
74070	7/23	To Phila	Disposition of old sets.
✓ 74406	7/26	Wireless Spe. App. Co.	Are in position to deliver \$10 to 15 1-1-76 sets within two weeks; quotes price. W
✓ 74402	7/26	Wireless Improvement Co.	1/4 kw set; explains make-up of and quotes price. W To---desires further report. 8/2.
✓ 74253	7/25	To Nat. El. Sig. Co. Marconi W.T. Co.	Two 5-kw high-frequency quenched gap spark radio sets, complete; request price and time for delivery. 7/25. Will submit estimates later. W Marconi Co. 7/25. Quotes prices and gives two alternative propositions. W To Marconi Co. Valve tuner not satisfactory; asks type of receivers can furnish 7/27.

APPARATUS:

1912

Number.	Date.	From or To—	Subject.
✓ 71228	6-13	Lamson Con. Store Serv. Co.	On ships; suggests use of pneumatic tube for transmitting messages to Captain. W To---Solicits information re. 6/15. Fwds catalog. 6-18 To---Ack. 6/20.
✓ 71393	6-12	International W. Sig. Co.	Fwds prints and description of wireless apparatus for transmitting musical notes. W To---Prints lack explanatory detail. 6/18.
✓ 71425	6-16	Schroeder, Rear Adm	Reqt. list of wireless systems, terms, etc. for use in revising general signal book. W
✓ 71403	6-17	Crampa 476-201	Insulators; bushings, etc. Reqt. price. W Fwd NY for compliance. 6/18 ~~23 6-18~~
✓ 71438	6-13 6-15	General Board Dept 12479-535	Reqt. matter of increasing radius of radio capacity of various auxiliaries be taken up. W Fwd C&R. Information will be obtained as rapidly as possible. 6/19. ~~24 7-15~~ Fwd To Genl Board gives information. 7-25
✓ 71344	6-13	Exp. Sta 259 File 187	Reports on test in connection with developing a apparatus for use on aeroplanes. W
71625	6-18	NY 855-926-10	Fwds prints and photos. W
✓ 71855	6-18 6-22	University Mich. Dept	Reqt. abandoned Stone set. W
71888	6/20	Norfolk.	ALLOWANCE: Asks whether radio sets are under title "A" or "B".

603

APPARATUS: 876

Number.	Date.	From or To	Subject.
72014	6-22	Rave, E.M.	Has patented apparatus sending out waves at regular intervals. W To---ack.6/26.
✓ 72078	6-28	International W.Sig.Co	Fwds phtors of their system musical notes; also are manufacturers of condensers and air spark gaps. W To---Unable to test.6/27.
✓ 72213	6-26	NY	Fwds table showing delivery, location and issue of wireless apparatus for delivery at NY. under various con racts.W
✓ 72338	6-27	Wireless Spec.A.p.Co	Makes objection to unofficial reports from Navy officers that their quenched gap sets are not up to standard. W To---Ack with comment.6/29. To NY. instructions.6/29.
✓ 72391	6/29	To Clapp-Eastham Co.	1-kw radio sets with turbo alternators for power supply; if can supply. requests price.W
✓ 72488	6-28	Marine Radio Equipt.Co	Reqt. opportunity to supply high frequency equipment for new stations.W To---Fwds specns 16-1-5. 7/3.
72649	7-2	NY 855-926	Fwds sheets "A". W
72736	7-2 7-3	College, City of New York Dept.	Reqt. gift of Paulsen set from NY. W To---(For Secy's sig)No authority for.7/9.
72895	7-2	Pug.Sd	Reqt. complete set plans & vandy. B. W To NY. requests NY supply.7/9.

APPARATUS:

1912

Number.	Date.	From or To--	Subject.
✓ 69436	5-14	Wireless Spec. Ap. Co	Relative to test of Pickard latest spark gap set. Will have 5 kw set ready for test June 15th. W
✓ 69435	5-16	Wireless Imp. Co	Reports on test of 10 kw quenched spark with resonance transformer. W
69416	5-19	C&L	Marconi wireless; reports stock exchange failures etc. W
J 69743	5-25	Telefunken Co	Have 3 5kw sets in stock and quotes price of \$5,000 each. W Ref. to 3kw sets error, 5-28 To---request more information with view to purchase. 7/2.
J 69821	5-27	Marconi W.T. Co	Asks if Bureau requires any of their commercial sets for emergency orders; for fleet going to Cuba. W To---Ack. 5/28.
69745	5-28 See above.	Telefunken Co	Reference to 3 kw evidently error. To---Ack. 5/27.
69956	5/29	To NY yard	Various contracts and regns; requests information of delivery, inspection and present location of radio apparatus. W
✓ 69968	5/29	To NY	Twenty 2-W turbo-gen. radio sets, purchased from Nat. El. Sig. Co. under contract 12874; requests information as to disposition. W

APPARATUS: 876

7:12

Number.	Date.	From or To	Subject.
70192	5-4 5-31	Panzer, H.R. NY 936-855-62	Reqt. certain material for use in testing apparatus; NY reqt. certified check be deposited to cover. W Ret. NY. Disappr issue of material; comments 6/4.
70326	6-1	NY 936-855-63	Status of test of Panzer's apparatus. W
70064	6/3	TO YARDS & STATIONS. BELOW	Request information as to radio apparatus, including oil engines, held in store on June 1st; all changes occurring during June should be reported on July 1st. W Nav. Acad. C-7 Hong. Pensacola C-6 Newport Corp. C-7 New Orleans C-5-4 Ports C-8 Key West C-8 Norfolk C-7
70413	6/4	NY GSK	Gives disposition of International Elec. Sig. Co's 2-kw. sets on contract 12874. W
70514	6-6	Grace? W.R. Co	Asks what wireless system is considered best; on behalf of Venezuela Government. W C-10. States from whom purchases are made. To: Reqt. additional copies 6/14
70624	6-7	College Institute of NY	Asks any possibility purchase Paulson set in store at NY. W To: NY for comment and rec. 5/8 21 3-18 Fwd Dept. rec purchase. 6/19 R. C. 20 2000 To: directs communicate with SIA re bidding on 6/29. Fwd SIA 6/29. Chas. C-10 Puerto Rico C-7 Phila C-12 NY, C-12 Boston C-14 To Norfolk. Directs be Forest radio telephone set be retained in store. 6/12. La. tonago C-19 Phila C-29 C-18 C-1 Colon 7 Porto Bello C-22 C-18 7-1 7-5 7-5 7-5 7-5 7-5 7-5 7-5 7-5 Best 7-8 7-8 7-8 7-8 7-8 7-8 7-8 7-8 7-8 7-8 TO Clapp Eastham Co. Will for copy of test C-18 7-13 C-18 7-13. Clongapo 7/18. NY 9-9 Guam 8-6.
70064		ABOVE	

APPENDATUS: GENERAL

Number.	Date.	From or To—	Subject.	
67325	4-3 4-26	CO At. Flt	Was suggestions covering improvements in wireless installations.	405-6
68246	5/8	To NY	30 reg. ltr. requests copy of description and directions issued with radio sets purchased from Telefunken Co.	
68538	5/10	Telefunken Co.	Requests further information before quoting on 1-lw set. To---Instructions. 5/13.	
68425	5/9	M. Is.	HALEIGH: states has one Telefunken set in store for. Asks if shall be shipped to Pug. Sd. or held for Denver or Cleveland.	36--6
68343	5/2	NY Elec. School	Reqt loan of 2 telefunken radio sets for instruction purpose.	707--3
68571	5-9	Gresha., E.T.	Asks what system gives best results in Navy. W To---You has no data to issue. 5/14.	
15232	5/8	S&A	COMM: Ads telegram from M. Is. re provisional acceptance of 2-lw sets. States cannot be inspected prior to sailing of Nero.	629
68653	5-13	Lenika T	Reqt. interview morning May 14th for Prof. Goldschmidt, Berlin. W	
68678	5-11	NY	Reports receipt of 2 2kw and 2 1 kw Marconi sets. W	

APPARATUS: GENERAL:876

Number.	Date.	From or To—	Subject.
68758	5-14	Rug.Sd T	Reports wireless apparatus on hand.W (T) to---Directs del.motor gen.etc. to Capt.Dunwoody.5/15.
68803	5-13	NY 855-926-9	Fwds description of wireless apparatus furnished by National Elec.Sig.Co. for FLORIDA and UTAH; ETC. W
68840	5-14	Edwards, Reqr Adm. T	Mr. Bottomly, Marconi Co. reqt. interview Phila or New York; will try arrange Phila.W
69062	5-13	Stalnaker,E.	Has device for calling operator to his post in time of disaster. To---solicits prints and description.5/20.
69113	5-17	Edwards, Admiral T	Reqt. Telefunken, Massie, National, be invited to Tuesday confer nce. W. (T) to National, Massie, and Telefunken Cos advising.5/16.
68954	5/15	Phila	TEES: have J.C. open covering installation wireless acts, asks if vessels will visit yard in near future or shall J.C. be can- celled
68257	5-20	Wireless Spec.App.Co	Reqt. authority to submit new quenched gap set to New York or Washn for test.W To---willing to test at N.Y. 5/21.
69400	5-21	Panzer, H.R.	Fwds description of his apparatus for secret transmission of messages. W To--- will await report from NY Yd.5-23 TO NY desires report.5-23

APPARATUS: GENERAL.

Number.	Date.	From or To—	Subject.
66430	4/16	To Telefunken N.Y. Co.	Request price for one 5-kw quenched spark and one set variometers for 1-kw radio set.
66749	4-17	NY	Fwds prints. W
66781	4-20	Dept.	Directs wireless sets for DIVISION: CLEVELAND: Despatch: ~~CLEVELAND~~ be expedited. To NY direct expedite delivery. 4/20.
67042	4-23	Telefunken	Request price for 5 kw quenched spark wireless set and time of delivery.
66979	4/23	To Wash	Inapp. call 2986. Reqn Z28 WSA. reqt articles be held in store. W EB 6-8 Ret--via S&A. 5/18.
67177	4/24	Radio Laboratory, 3rd of Standards.	Design of revolving brake submitted by H. J. Menaratti. To Washn. Reest estimates for constrn. 4/20.
67242	4/24	Marconi Co.	2-kw quenched spark set supplied on 3u's reqn. protests against covering this with other apparatus finished under spec's 16-15, on account of urgent need of order. W
67345	4/25	Telefunken Co.	Fwds two photographs of their 2-kw set with paper condenser. To---Ack. receipt. 4/29.

1912

Number.	Date.	From or To—	Subject.	
67522	4/25	C&L	Report of Wireless Ship Inspector New York on steamers Hamburg-American Line, makes suggestions for 2 generators, 3 operators, additional receiving set on merchant ships due to large part of time sending on long wave in order to get press reports, this is reason TITANIC help call not received by certain vessels.	891
67659	4-30	NY	Reports disposition of sets and r contracts. 11244 13525 13874 W To---sets for CALLESTON CHATTANOCCA, CLEVELAND and DENVER should be shipped by May 6th. 5/3.	
✓ 67971	5-1	Milwaukee W.T.Co	Test. Bureau test their wireless apparatus from time to time. have new type of buzzer for flight work ready. To---will test if fwd to Bu. Standards. 5/6.	
1 67991	5-3	Wash	Submits estimate for manufacturing revolving brake or interrupter. W To---Wire's mfr of. 5/7.	
✓ 67956	5-3	Alvin W.T.Co	Test. opportunity to bid on wireless goods for submarines. W To---fwd 344 Rec be placed on list of bidders. 5/14.	
✓ 67895	5/4	To NY.	Radio apparatus designed by HUGG R. FANZER directs that Electrical Officer at yard confer with Fanzer re test of his app. W Rep. W.M. Calder 5-10 reqt. test of To W.M. Calder (For Secy Sig) 5/17.	
✓ 68360	5-30	M. Is 4319	Wireless sets for aeroplanes: fws recom of board with print. W	
15391	5/3	To NY	COMT. oil engines and radio apparatus under 134 repts Bu. 2 & 3. fws contract, with Fairbanks Morse Co. and Telefunken Co	629

APPARATUS: GENERAL.

1912

Number.	Date.	From or To—	Subject.	
✓ 64493	3/25	To Wireless Improvement Co.	Quenched gas units: request quotation on eight apars.	
/ 64494	3/25	To Telefunken W.T.Co.	One kw. set complete: request estimate least weight.	
✓ 64308	3/22	Marconi Co.	Wails additional valve: complains sets are being compared with much higher priced ones. To --- ack. receipt of 3/26.	
63516		SEE CARD #24	To Wireless Imp. Co. Comments on report from NY. 3/27.	
64844	3/28	NY	DEPTONE: report's receipt of 2 kw Telefunken set purchased on cont 256. States will be prepared for shipment, and repts that Garwood set on regn 206 for, be cancelled	309--6
✓ 65022	3-29	NY 855-905	Reports on test radio sets in connection schedule 4250. W	
✓ 64915	3/29	To NY	Request state of deliveries of radio sets under sy-regn. #2, also what shipments have been made. W	
✓ 65201	3-30	Wireless Spec. App Co	Complains of lax method of inspection and payment of bills by Ny. Id. W Dwd 32A.4/4.	
✓ 65363	4-2	NY 855-926-4	Fwds prints. W	

APPARATUS:GENERAL: 876

Number.	Date.	From or To—	Subject.
✓ 65817	4-8	Henry, Ira W	Garwood Elec. Co. claims share of wireless business based on result recent test NY. Jd. W. To Garwood E. Co. will be given consideration under sched. 4250. 4/6.
✓ 65842	4-6	NY 855-926-5	Fwds prints miscellaneous. W
✓ 65834	4-8	NY	Reports receipt and preparation for shipment of sets on contract 1344 to COMMUNICATIONS BUREAU: NEW LEXSY: MISSOURI: E. L. E. W. To---Directs be read in store. 4/11.
✓ 65877	4/9	To Brook.	Request tracings of New York prints 28515-H, 28518-H, 28520-P, 28521-AA.W
✓ 66275	4-11	Marconi W.T.Co	Fwds newspaper article on experiments with aeroplanes near London. W TO---Ack. 4/18.
65555	4/12	To Asiatic Flt & S&A.	Radio sets; request shipment of six 2-kw sets New York yard to Olongapo. 604
66379	4-15	NY	Reports shipment 2 10 kw sets on requ. 2 to U.S. 2 5 kw sets delivered and ready for inspection. W
66547	4-16	NY 555-705-619	Asks if test 2 kw Marconi apparatus was satisfactory; acceptance awaiting report. W To--- test proved satisfactory. 4/1.

APPARATUS: GENERAL:

Number.	Date.	From or To—	Subject.
✓ 62571	2-1	Marconi W.T.Co	Fwd. prints of Cabinet set.W. To---Fwd NY for consideration under schedule 4250. 3/4.R. 3-2
✓ 62628	3-4	Henry, Ira W	Apparatus supplied by Garwood Elec.Co. has not yet been tested; re t. particular consideration of bids of this Company on account of being an American Comp'ny and every part of its apparatus manufactured here.W To---NY New York directed to test. cont. 14811. 3/9
✓ 62635	2-28	Tate, N.M.	Reqt. diagram connections for 5 kw Telefunken set.W To---cannot furnish. 3/5.
✓ 62660	3-4	Nat.Elec.Sig.Co	States can supply any size wireless set; also telephones operating 12 miles. W To---when any purchase is made will be given opportunity to bid. 3/16.
63421	3-11	NY 855-60	Inspection of at Yard; tak s exception to Clark's report and reqt. that he be censured for derogatory statements which are not based on fact or investigation.W
62628	3/9	To NY	Cont 14811 & 876. set delivered by GARWOOD Elec.Co. directs be tested when practical be 629
63516	3-13	Wireless Imp.Co	Reqt. return of wireless set. panel under test at NY Id. Complains that former employee was allowed to examine and make sketch of.W To---letter has been fwd to NY/3/15. CARD #25 Fwd NY for information 3/16. 3/18 8 26
✓ 63634	3-12	NY 936-855-52	Reports on test Wireless sets: Garwood, Wireless Improvement, Telefunken, Marconi.W suggests scope of.W To---instruct ons for taking measurements of intensity of signals. 3/16.

APPARATUS: GENERAL: 876

Number.	Date.	From or To--	Subject.	
63811	3-16	Telefunken Co.	Con ections for 5 kw sets; Neat rect. diagram; rect. instructions re san-ing. ⁷⁰⁵ W To - Rect. thru Dept. 3-19	
63851	3-18	NY T	Test of Telefunken wireless at $\frac{1}{4}$. 3.00 and 3.15. W	
63882	3-16	NY	Reports shipment of 2 kw set to Washn contract 251. no spare detectors delivered. W to Marconi Co. Cont. 251. Asks when remaining detector will be delivered. 3/20 to Marconi Co. will supply 12 spare 3/26. To Washn. fws extra detector. 3/26.	
64283	3/21	NY	SALEM: fws result of test of 5-kw quenched spark set. N.E.S. Co	384--6
64473	3-23	NY	55-705-657 fws reports on wireless sets delivered on reqns. 38, 389 and 26 by Telefunken and National Elec. Signalling Co. W	
64435	3-22	NY	Reports on test of Marconi 2kw set. W	
64492	3-23	NY	Wireless set received 27th will submit report soon; on reqns. 38, 39 and 26. W	
64513	3-25	Telefunken Co. T	Gives weight of 1 kw set including parts. W to - ack. 3/26.	
64647	3-26	Wireless Imp. Co	Quenched spark gap set; quotes price spare parts. W to - reqn submitted for eight extra units. 3/28.	
59936	3/12	NY 855-705-593	sched. recommendation of award and changes inspecifications	706

APPARATUS: GENERAL:

19.2

Number.	Date.	From or To--	Subject.
✓ 60385	2-2	NY 926-241	Fwds print showing remote control panel for furnished by Garwood Elec. Co. W to 3rd Amendment of contract was recommended to 3rd Feb. 1st. 2/7.
✓ 60597	2/7	To Washn-	Essenden compressed air condenser; Directs be delivered to Bureau of Standards, for purpose of experiments. W
✓ 61055	2-1	Goldhorn, Dr. L.P.	Re: Navy representative visit his house at Mt. Vernon, N.Y. to examine his wireless apparatus; with aerial only 80' receives regu- larly from all stations on east coast, Panama, and Mare Island; offers improvements free of cost. W To---Invites further information. 2/13.
✓ 61223	2-6	Wilson Apparatus Co	States have taken over patents issued to Prof. Wilson on; at present time not able to quote on apparatus giving more than 300 dis- charges per second. W To---Ack. Gives data. 2/15.
✓ 61195	2-13	Lowenstein, F.	Reports result obtained from test 5kw set: W To---Reqt addtl information. 2/15. Will send Monday Morning. 2-23 Gives data re test. 2-25
✓ 61337	2-15	Henry, I.W.	Reports one of his sets ready for inspection and asks that NY be directed to test. W To---Directs delivery NY yard. 2/19.
✓ 61410	11-6	Clark, Geo.H.	Recommendations for adapting commercial sets for Navy purposes. W

APPARATUS: GENERAL. 876

Number.	Date.	From or To--	Subject.	
61489	2/17	To S&A	Contracts 12899, 12874 and 12930. Status of issuance; requests steps be taken that credits to offset these charges against "Eq. of Vessels" be made. A	
61673	2/20	To NY	Motor generators and transformers. ISA reqn. 260. Bu. requests information concerning disposition. W	
61674	2/20	To NY	Asks what 2-K.W. quenched gap wireless sets have been delivered. Practically complete but have not yet been tested. W	
61683	2/20	To NY T	Test of Wireless Improvement Co's 5-P.W. set authorized if suitable generator on hand. W	
59936	2/20	To NY	Sched. 4250; request report on set offered by Fritz Lowenstein.	706
62086	2-26	Lowenstein, F. T	Re result of test of apparatus at NY in connection with scheduled 4250. W Fwd M. in conn. 5936-706, Feb. 18th. 2/26. R B 2-2 To--Letter has been fwd to NY for consideration 2/27.	
62210	2-26	NY 855-705-583	Reports on status of delivery of 2-kw set, quenched spark, from Telefunken, Marconi, National Elec. and Garwood: To--Barn, S.A. vessel shipment Marconi set to leave 2/28.	
62217	2-27	NY 10171	Reports distribution 2-kw motor generators and transformers furnished under reqn. 260; 2 outfits remain in store. W	

APPARATUS. GENERAL:

1912

Number.	Date.	From or To—	Subject.	
✓ 58137	1/9	Nav. Intel 11525	Reqt. report as to kinds of apparatus, number of stations and receivers on board ship, complement of operators, rules for communication between vessels of fleet, etc. W To---Submits information. 1/16.	
✓ 58160	1/9	Marconi W.T.Co	Reqt. authority to change capacity of sets on contract 221, from .012 to .006. W End NY. for rec. 1/13. R.B. 1/26 To---In. agrees to change. 1/26.	
58446	1/12	To 3&A	Schedule 4250; requests be amended. W	
✓ 58804	1/13	Wireless Spec. Co	Explains proposition for furnishing transmitting set in conjunction with Diehl Motors on schedule 4250. W To NY. Direct's test. 1/18. To---Will test at NY. 1/18. To NY. Desire transmitter tested under working conditions. 2/1. To NY. Asks if letter has been received. 2/9.	
✓ 59116	1/16	Stretch, Raymond	Reqt. information re construction of apparatus. W To---No pamphlets for distribution. 1/24.	
✓ 59130	1/19	To N. Acad. W	Wireless aeroplane set; directs prepare for shipment to V.T. Station, Point Loma, San Diego, Cal. W To N.E.A. Request shipment. 1/20	
59195	1/20	Blood, J.B.	Reqt. power required, etc. to operate 500 cycle plant. W To---Set prepared to take up matter of prime over sets. 1/23. R. qt. further. 1/24	OVER
✓ 59266	1/19	Marconi W.T.Co	10 kv quenched spark gap set; states have built for .006. W End NY. 1/23. R.B. 1/26	
59237	1/11	M. Is.	Raleigh: 2 kw set, reqt auth. to retain in laboratory.	368--8

APPARATUS: GENERAL 876

Number.	Date.	From or To--	Subject.	
✓ 59278	1/20	S'A	Schedule 4250; fwas copy of circular letter to firms giving amendments under W-R	
✓ 59477	1/24	Henry, I.W.	Garwood Elec. Co. Asks if Bureau will consider bid from receiver to apply on schedule 4250. W To --- 31 will be considered. 1/26. To NY. Fwds copies of correspondence. 2/19.	
59195		SEE OTHER SIDE	To J.R. Blood; Furnishes information. 1/26.	
✓ 59776	1/27	Henry, I.W.	Garwood Elec. Co. Fwds print showing remote control panel, proposed for 2 kw sets. W To Garwood Elec. Co. Fwd 3&A. rec contract be amended to permit use of remote panel. 2/1.	
✓ 59863	1/27	NY 855-705-546	Fwds quotation on 4. 2kw motor generator wireless outfits. Garwood Elec. Co. spares for motor generators. W To --- Directs submit recn. for spares: transmittens to be turned into store when complete. 1/30.	
59932	1/30	3&A	Cont. 15294: asks if 90% is in order	629
✓ 59965	1/29	NY	Reports receipt of 5 kw Telefunken set under contract 12899: rect. instructions re shipment to North Head and Table Bluff; will be short buzzer, etc. W Fwd N. is. Fwds copy of 59660-830-Feb. 26. 2/2. RB 2-26	
60216	2/2	To NY	I.V. EDMUI: directs furnish light-house Inspector, Honolulu, with plans and instructions for installation of 2-k.W	678

APPARATUS: GENERAL.

Number.	Date.	From or To--	Subject.	
55783	12/9	NY 855-705-500	Rel to wireless outfits under cont.12874, turbo generators for, etc. States with these quench spark gap outfits best results cannot be obtained with turbo generators and other parts delivered under contract. Rec that sets be operated at 1-6/10 K.W. in lieu of 2. W Fwds C.O.'s DOLPHIN, STRINGHAM and BAILEY: Reqt report.12/12. RF	
✓ 56139	12/12	East. 9588 OVER	Re-assignment of wireless sets for TBDS: states no wireless apparatus was received prior to sailing of TRIPPE, ALLEN, WALKER, and PATTERSON. States what work was completed. W To CHAS. Has directed shipment of sets for TRIPPE, ALLEN & PATTERSON to.12/16. To S&A-Reqt shipment of.12/16. Requests payments under contracts 12899, 158, 15294, 101 and 144. States all apparatus has been delivered. W Fwd S&A-Reqt return with note of action taken.12/26. To--Advises of action.12/26.	OVER
56262	12/14	Telefunken W.T.Co.		
✓ 56618	12/20	To NY	Cont.14811. Bu.Recm.206: fwds print of remote control panel which Garwood Elec. Co. propose to furnish. W	
No #	12/21	To S&A	Recm.#174 two 2-k.w. and three 1-K.W. sets: states contract with add. spec'ns. quoted, will be satisfactory to Marconi W.T.Co. and Bureau. W-R	
J 56989	12/26	To S&A	Contract 15232: assignment of 2 10-k.w. for Stations, Unalga Island and North Head approved, reqt shipment to U.Is. for test; 2 5-k.w. sets auth. for Jupiter and Tatooosh Island, reqt shipment to NY for test when requested by Bu. W To Bu. sd installation of new set at Tatooosh Island to be delayed until after July 1st.1/23.	

APPARATUS 876

Number.	Date.	From or To--	Subject.	
57078	12/5	Asiatic Flt	Wireless sets purchased at SHANGHAI: quotes guarantee given by the Telefunken Co	495
56139		SEE OTHER SIDE.	To Chas. Rel to delivery of wireless sets for Destroyers. 12/29.	
			1912	
5716	1/4	Marconi W.T.Co	Objects to signing contract 221 for stock with 30 days delivery unless contract is re-dated. W	
			To---Directs ret. cont. 220 to KPC for redating. 1/6.	
57703	?	Wilson, Dr. E.	Writes article on his new induction coil. W	
			To---ack. 1/16.	
57513	12/5	Asiatic Fleet	ASIATIC: states have made argrt for purchase of two sets:	495
57591	12/30	2d Sub. Div	SUBMARINES WT. submits reqn 61 for 9 battle wireless sets, suit case type furnished by National Elec. Sup. Co.	907
57598	12/26	NY	BOHCOLL: reqt auth. to use old apparatus in store.	707--3
57862	1/5	Marconi W.T.Co	Reqt. authority to use .006 MF in quenched spark sets under contract. W	
			To---su considers will be satisfactory. 1/6.	
			Enc. with 26160 to NY 1/13.	
58124	1/8	Washm 294-27	Reports Paulsen in store: reqt. disposition. W	
			To---Directs be kept in store until inspected by Su's expert. 1/11.	

NB-0129

APPARATUS: GENERAL.p

876

Number.	Date.	From or To—	Subject.
54299		See Other Side.	To At. Tor. Flt. - wds copy of letter to Boston. 11/28. To Bost. proceed with installation on TRITON. ALLEN. WALPE and PATERSON. 11/28. To Dept. Rect. auth. to assign sixth 2-kw set on Rean. 323 to the HANIBAL. 11/28. BLRB. 2-7. Fwd S&A. Rect shipment of set to HANIBAL. 12/4.
✓ 54854	11/29	NY GSK	Reports receipt of two wireless sets. National Electric Sig. Co., contract 13525. Will ship one to Frying Pan Shoals Light Ship. W
✓ 55114	12/4	To Dept	To S&A. Rect ship from NY to Colon of one sending. and from Norf to Colon. two 6-H.P. gasoline engines with 500-cycle generators. 12/19. To NY. - Advises. 12/19. Rect auth. to submit recn. for 15 5-kw quenched cat sets. and ten 2-kw similar sets. for stock. W BLRB. 2-7. 500
✓ 55429	12/7	To Ernest Wilson, London	Hightension discharge apparatus to w.t. transmitters: rect inf as to present ap. 11-cation of. what can be furnished and price. W
✓ 55545	12/8	Henry. Ira W.	Requests to be favored with order covering quench spark sets recently tested at NY Yd. Recommends sending to New York yard for final inspection before acceptance. W
✓ 55725	12/4	Federal Telegraph Co.	Requests to be put on list of bidders for wireless apparatus. W Fwd S&A. 12/15.
55698	12/6	NY 936-855-42	Clapp Test of Platt Eastham set: reasons for delay in. W

APPARATUS: GENERAL:

Number.	Date.	From or To—	Subject.
✓ 51226	10/16	NY 67-269	Garwood Elec. Co. Wds corres. re status of company: claim will be able to deliver meter on contract 14811, but not before Jan. 1st.W
✓ 51508	10/6 10/13	Nat.Elec.Sig.Co NY 855-705-446	Enters protest against rough manner in which wireless apparatus is handled while under going test at yard; yard states apparatus is poorly packed, of poor workmanship and design and recommends discontinuance of purchasing from this firm. W To Co. notes NY's letter. 11/4.
51616	9/30	Dept	Special Order 110: transfers elec.apparatus. gen.set, etc to title "A". 603
51682	10/9	ARMY	Re installation of wireless and Ardola sets. 115-3
✓ 51896	10/25	Falk McMahon W.T.Co	Rect. authority to install apparatus on vessel at own expense; especially improvement for cutting out interference and increased range.W Wd Exr. Sta. for comment. 11/2. To--- will be pleased to test on STRITCHAM and JALLEY. 11/4. R.P. 11-20 Ready for test.
✓ 51889	10/24	Clark, G. A.	Makes adverse report on method of testing at NY Id. and recommends matter be investigated.W Wd NY For comment. 12/4. R.P. 2-12 Clark's orders. 1/11
✓ 51984	10/16	C.Lorenz, Aktiengesellschaft	Invites attention to difficulty of Turkish Govt. with Marconi. Offers to sell outright, their systems. W To Rect further information. 11/29.
51689		SEE ABOVE	To NY. Wds copies of all orders issued to Mr. Clark. 1/29.

APPARATUS: GENERAL: 876

Number.	Date.	From or To—	Subject.	
52071	10/28	To Telefunken Co.	Asks if immediate shipment can be made of two 2-kw sets, 125 volts, cont. 14747, for Asiatic Fleet.	495
52138	10/28	Telefunken Co. T	Can ship 2 complete 2 kw sets by Nov. 15.	495
✓ 63127	10/27 11/9	Garwood Elec. Co. S&A	Apparatus due on contract 14811; forwards application of Charles H. Fowler, receiver to proceed with completion of apparatus due. W Fwd Dept. All sets on this cont. will be needed. 11/29.	
53448	11/11	NY	TESTS: have no wireless apparatus available for experimental work, elec. School has old Slaby Arco Set	903
53307	11/11	To S&A	KANSAS: cont. 14747 (Tel. Co.) recd shipment of one 2-kw set NY to Morr for installation and test as soon as one complete set has been delivered.	255—6
54056	11/3	Clark, G. H.	Re wireless apparatus for aeroplanes, suggestions for buzzer signals, etc. W	
✓ 54142	11/20	NY 855-926-3	Fwds "A" sheets. W.	
✓ 54299	11/22	Telefunken W.T. Co. See Card #20.	Status of deliveries on recent contracts. W To Dept. Recd auth to change assignment of sets for destroyers. 11/23. (T) To-Recd confirm del. 11/23.	
✓ 54383	11/24	Telefunken W.T. Co.	Contract 15294: everything ready to complete six sets except 3 frequency meters. Expect to complete delivery this afternoon. W	

APPARATUS: GENERAL:876

Number.	Date.	From or To—	Subject.	
✓ 49179	9/21	Henry Ira W.	Asks if Bureau still desires to purchase 2 kw 500 cycle sets. W To -- not wanted 9/23	
49485	9/25	Henry, I.W.	Asks if Bureau will purchase sending part of 2 kw sets recently tested. W. TO -- quotes extract from report of test. 9/27	
✓ 49680	9/21	Telefunken W.T.Co	Proposes to supply standard receivers on Reqn. 82. W Fwd 124-Rec. delivery of receiver be made within 90 days. 9/29.	
✓ 49739	9/28	Henry, I.W.	Replies to defects reported in his set; quotes reduced price. W To--rest itemized list of parts of transmitting apparatus offered. 9/30.	
50044	9/27	NY School	Reqt apparatus for use of class	707--3
✓ 50357	10/5	Henry, I.W.	Gives parts forming sending set of his 2 2-kw sets. W To NY. Directs further insp. with view to making ream for at reduced price. 10/14.	
✓ 50938	10/12	Garwood Elec.Co	Reports appointment (has H. Fowler as receiver; business will continue. W Fwd NY. for his information. 10/14. RB 10-71	
✓ 50977	10/12	N.t. Elec. Sig. Co	Reqt. corres. be directed to Pittsburg Office. W To---Noted. 10/16.	
✓ 51050	10/13	United W.T.Co	Fwds bills covering wireless service under reqns. 192 and 193; Ordinance." Fwd Dept. 10/16.	

APPARATUS: GENERAL.

Number.	Date.	From or To—	Subject.	
✓ 47376	8/25	NY 3071-4	Gives reasons for rejection of 2 kw sets regn. 262; Telefunken; originally ordered for Cape Hanlophen. W	
47166	8/24	NY 855-41	Standard calling wave length; reports on status of vessels at rd. To --- assignment of wireless s's. Instructions. 8/30.	914
✓ 47691	9/1	Lowenstein, F.	Cannot change wave lengths on apparatus furnished on contracts 121 and 14746 without damaging efficiency of instruments. W Fwd S&A Reconn. contracts be amended. 9/5 To --- have amended re wave length 9/20	5 BRB 9/5
48110	9/5	NY 855-43	Recommends assignment of sets on regn. 217 be changed to CULGOA; DIXIE; PARKER; also STEETT; MCALL; MAYRAIT; WARRINGTON; Reqt. further instructions re sets for DOLPHIN & MAYFLOWER. W Fwd NY undertake installa. 9/14 To NY - instructions re assignment 8/9 To Dept. reas. author. to as 1000 ALRB 8/13	
48218	9/7	NY 2438	Reports assignment of 2-kw wireless sets on contract 12874. Nat. Elec. Sig. Co. to BAINBRIDGE; BARRY; POMPEY; CHAUNCEY; DALE; DECATUR. W Ref. N.Y. are sets provided with quenched spark gaps 8/9 310-3 To --- Shiptm reqt. 10/30.	
48403	9/9	NY 2504	Reports assignment of sets under Nat. Elec. Sig. Co. contract 12874. W To --- Set assigned CATURN to DOLPHIN 9/13	
✓ 48888	9/15	NY 855-705-413	Reports insp ction and test of 4, 2 kw sets furnished by the Garwood Elec. Co. W To N.Y. investigate status of firm 9/22	
49034	9/20	TO NY	Reqt. appx. shipment to Washn of Clapp-Eastham wireless set as soon as test is completed.	

Number.	Date.	From or To--	Subject.
32689		See Cards 6 and 16.	(7) to Lensacola. Further shipment set shipped from NY. 24th receipt: do not unpack. 8/7. And SIA Recd that set had to Lensacola. S. Telefunken Co. be shipped to Colon and to other with other sets. 8/7. And 24th to latter of 7th. 8/9. 8/11. 8/13. Fwd S&A. Noted. 11/15.
✓ 45809	8/4 8/8	NY Camera. Exchange	Apparatus patented by J.H. Andrews not presented for trial. W.
45279		See card 16	To W.La. On receipt of apparatus, directs installation on WILLARD. 8/9.
✓ 45976	8/10	TO NY	Excl. copy of rears. 82 covering sets for EXCL. LIGHT VESSELS. Etc. W
✓ 46244	8/12	Nat. Elec. Sig. Co	Quotes price on 3 quenched spark gap sets. W To---Su not prepared to purchase. 8/16.
✓ 46275	8/11	NY 936-630-5	Reports test of apparatus recd from Wireless Spec. App. Co. 500 cycle, consisting of generators and transformers. W To Wireless. Re. App. Co. Ads copy of test report. 8/17.
✓ 46545	8/17	Henry, I.W.	Has 42 kw, 500 cycle quenched spark sets for sale; price \$2250. W To---Su not directed to Ins. 8/18.
✓ 46581	8/17	Telefunken Co	B. W. L. 1 comply. 8/23. Acknowledges receipt of orders for 2 sets for shipment to Ports. W Excl. with 46580.

[illegible]

Number.	Date.	From or To	Subject.
✓ 42521	6/28	Phila	Submits estimate for installation of two-k.w. wireless set at Yard. W Adm. 6/30. R. 7-21. 2nd Dept. Rec. 7/22. R. 8-7. Adm. 8/8. 2nd Gen. Listed. 8/9.
✓ 40207	3/31/10	Fanning, Walter F.	Forwards suggestions rel improvement of wireless. W
✓ 40207	1/1	Fanning, Walter F.	Writes rel transmission of energy of wireless telegraphy. W
✓ 42556	6/30	VIRGINIA:	Box labeled Wireless Spec. Appa. Co. receiver contained only telephone for same. W
✓ 43279	7/10	L. De Forrest t	Quotes price on 2 kw quenched spark set for delivery M. Is. Asks if interested. W (7) to --- Is. will ins. 7/11. --- Is. directs ins action. 7/11. Adm. 1. 2nd Dept. Rec. auth. to purchase set for L. De Forrest. 6/2. 2nd Dept. Rec. auth. to submit reqn for set. 6/3. L. De Forrest. 54 pnd
✓ 44110	7/15	L. De Forrest	States apparatus examined by M. Is. Is satisfactory. Awaits su. instructions. W To --- Req. will be submitted for. 8/9.
✓ 44258	7/22	TO NY	Directs 2 kw set originally purchased for Cape Henlopen be converted into ship's set. W To --- Req. on rep. 4/1. purchase of w. 6/1. 2nd Dept. Rec. 8/1. To --- Gives instrns. re complete outfit for C. Henlopen. 12/7. Req. quotation on quenched spark gap sets. W
✓ 44265	7/24	TO Firms	

APPARATUS: GENERAL. 876

Number.	Date.	From or To--	Subject.
✓ 44412	7/8 7/19	Pug.Sd. 2555 NY 6316-855-3	States power factor meter and circuit breaker and one wave meter missing from 5-k.w. set shipped from NY to Pug.Sd. States one generator transformer and box of spares received for Tatoosh and gives list of parts necessary to complete set. Y Ret. Invt. 7/27. B.B. 11 9 12. Id. no sub- table type could be del. 5/12
✓ 44575	7/26	Marconi W.T.Co	Quotes price on 2 kw sets; submits photos. W To -- Acknowledges; will be pleased to witness operation. 7/27.
✓ 44581	7/26	Henry. I.W.	Rest. authority to submit bid on 4, 500 w. quenched spark sets complete. W. To -- Would like to test set at Bu. of Standards. 7/27. To -- sets are still offered for sale. 6/15.
✓ 44616	7/25	Telefunken W.T. Co	Quotes on quenched spark sets. 7. See card 17 To -- Question of purchase is under con- sideration. 7/27. To Dept. recd. auth. to submit reqn. for 3 sets of parts. Cor. 8/17 and Mac. 11 10 11. Adv. 11 11 11. 8/17 Directs shipment of sets on contract 12874. Nat. Elec. Sig. Co. for station at Annapolis and ST. L. & S. L. W.
✓ 44681	7/27	Telefunken Co	Variometer set; will hold for Bureau until reply to proposition is received. W
✓ 45034	7/31	Nat. Elec. Sig. Co.	Quenched spark gap wireless apparatus; asks if Bureau intends requiring formal bids. W To -- purchase contemplated. 8/4.
45326	8/3	S&A 106962	Order cancelling shipment of Telefunken set to Pensacola received too late. W

APPARATUS: WIRELESS:

Number.	Date.	From or To—	Subject.	
✓ 40775	6/9	TO NY	Set originally purchased for Japo Henlaven reel. 511: Reel: Report as to suitability for T.S. W.	
40680	6/8	To NY	BEALE CLASS: fwds copy of reqn 323 covering 2 kw sets to be delivered at NY.	134--6
✓ 41028	6/10	Nat. Elec. Sig. Co.	Sched. 3035: opening June 20th: states should read six 2-k.w. instead of six 3-k.w. Reel: be confirmed officially. W End JLA. 6/12.	
✓ 41131	6/12	Clapp Eastham Co	Asks if Bureau will consider bid on schedule 3035 on quenched spark transmitting set operated under 60 cycle motor generator. W To -- Bid will be considered. 6/15.	
✓ 41220	6/14	Garwood Elec. Co.	Reqt that proposals be sent to them in order that they may bid. W To -- Reel: Reel: Reel: JLA fur. Co. with copies of schedule. 6/15.	
✓ 41273	6/8	NY 925-855-6	Fwds print showing transmitter inductance, type H with rack for. etc. W	
41451	6/17	To JLA	MARLETTA: Reqt that NY be instructed to ship 60-cycle transformer or induction coil.	134-6
✓ 42109	6/10	C.O. VOID.	Induction coil for wireless: reports on. W	

Apparatus: 876

Number.	Date.	From or To—	Subject.	
41401	6/15	C.O.	N.D.KOTA: fwsd prints & explains changes made in TELEPHONE Apparatus delivered on cont. 13899. re primary re-actance, etc	301-6
41616	6/19	Harris, Sidney.	Appointed receiver for United Wireless Telegraph Co., and United Wireless Telegraph Co. of New York, and reat that awarding of bids for wireless apparatus under Schedule 3035 be deferred until June 22. W Fwd 138. Not recommended. 6/20.	
41780	6/20	NY 855-585-27	Fwsd prints and photos of wireless telegraph apparatus. W	
41658	6/19	To Bu Standards.	Recd 25 copies of Bu of Standards Reprint No. 100, "Some Quantitative Experiments in Long Distance Radiotelegraphy." Received. 6/26.	
41680	6/20	TO Nat. Elec. Sig. Co.	Reat that telegraph sets on Contract 13523 and 13424; reat to be performed progress being made toward fulfillment of. States sets urgently needed for light vessels. W	
41384	6/22	Car. and Elec. Co.	Quenched spark apparatus on Cont. 14811: reat authority to make certain changes. W Fwd 138. Deviation from spec. 16.5 satisfactory. 6/24. W Fwd NY. to note and return. 7/11. 7-11	
42141	6/24	Nat. Elec. Sig. Co.	Reports status of contracts for wireless apparatus. W Fwd 138. Delivery on contracts 13423 and 13424. To NY. Fwd co. of let ter. 7/1.	

APPARATUS: GENERAL

Number.	Date.	From or To—	Subject.
✓ 38041	5/6	Cram, E.R. T	Reet. confirmation United Wireless Co. aerial did not bid on high powered Masan. W. Sta. W (T) & letter to — advising 5/6.
✓ 38042	5/6	Cram, E.R. T	Reet. confirmation denial relative to omission of name, United W.T. Co. in 1910 list, re use by companies to help stock sales. W
✓ 38128	5/6	NY 11-761	States have only ^{one} relay area rheostat old type, ready for issue. W To Norf. S.A. Fwd NY, re: it shipment to Requ. Norf. Sta. 5/9. RB 6-17 Fwd Norf. Rheostat will be installed. 5/18. RB 6-24
✓ 38320	5/4	Standard Wireless Equip. Co.	Reet. specs. for wireless, prices, and a chance to bid. W Fwd S.A. Rec blank proposals be sent. 5/11. To — Specs. fwd. 5/11.
✓ 38412	5/5	Pensacola	States motors for driving Telefunken generators on req. 115 have not been recd. W Ret — Have been shipped; reqst advice when received. 5/18. RB 6-8
✓ 38784	5/12	Phila 260	Motor generator for; on reqn. 260; Crocker Wheeler; Reet. copy of contract. W Fwd S.A. Rec. compliance. 5/18.
✓ 39037	5/16	Dept 3003-4	For Naval Militia in Great Lakes; directs steps be taken to equip with United Wireless Tel. Co. apparatus; on rental basis. W Fwd Crd. Noted. 5/20.
✓ 39029	5/16	Dept 3003-4	Directs steps be taken to enter in to contract on rental basis for equipping Naval Militia on At. Const. W Fwd Crd. Noted. 5/20.

APPARATUS: GENERAL: 876

Number.	Date.	From or To	Subject.	
✓ 39056	5/17	NY 12-230	Reports wireless sets received for CINCINNATI: VOLCAN. W	
✓ 39119	5/19	Telefunken Co	Contract 210: recn. 260 Transformers; recn permission to have tested at NY Id. before shipment o M. Is. V. To -- Asks what extension of time would be required, to have test made at 5/23. Ref. NY enc. with 39682-629 5/27 BB 6-2	
✓ 39325	5/16	Marconi Co	Fwds 2, 4 volt v. lves for test. W	
✓ 40051	5/31	NY 12830	Reports receipt of under contract 12874 FOR S.A.S: HECTOR & YOSEMITE. W	
40084	5/29	NY	cont. 12899: fwsd corrected tracing of con- nection diagrams. Telefunken Co.	629
✓ 40206	5/22 5/31	Standard Wireless Equipment Co. S&A	Schedule 3571: unable to bid on complete equipment: asks if partial bid on receiv- ing sets will be accepted. W. To -- Probably will not be awarded to separate concerns. 6/5.	
✓ 40207	5/19 6/1	Fanning, W.N. Nav. m	Aks in his report on "No transmission of energy through space in transmission of wireless messages", was received. W. To 30 JAN 24 thru fac. Flt. Comments. 7/18 E 7-24	
✓ 40289	6/2	United W.T. Co	Best copies of specs. for, under schedule 3571. W Fwd S.A. 6/3.	
✓ 40685	6/8	TO Nav. Int.	Gives certain information rel to wireless apparatus and stations for use of Bolivian minister. W	

FILE No.	From or To— (Dated)	Subject.	
✓ 37330 4/28	TO S&A	Asks if wireless apparatus and compressed air condenser now on NEW HAMPSHIRE for test can be used elsewhere without being charged against appropriation. W	
32689	See Card #6	To NY. regsts insp. of generators and transformers. 4/28. To Telefunken Co. recst prints of motor generators. 4/28. (?) to NY. delay shipmt "T. set" Is. 4/28. To "Is. and KKA instrns" for shipmt: recst shipmt. 4/28. To NY. states yards to which shipmt will be made. 4/28. "KKA" recst shipmt. recst of "Ar. 1st & Apr. 28" (ensacola) be canceled. 7/34 ELR 867	See Card 17.
3742b 4/29	TO Key West, S&A NY	Shipment wireless articles from Key West for survey and repairs. W	
37426 4/29	TO NY	fyds copies of Bureau Regns. 2 and 3, 1912. for wireless sets, oil engines, for Tutuila, Unimac Pass, Cordova & Kodiak. W	
✓ 37843 5/3	S&A 99225 p	States wireless air compressor on board NEW HAMPSHIRE may be transferred to another ship without charge against Bureau Appropriations but cannot be transferred to a GSK. W Fwd NY Regst rec as to ship or station which could best use. 5/6. RB 5-18	
37807 5/2	NY 926-2-7	Fwda prints of wireless apparatus. W	
✓ 37830 5/3	TO NY	Slaby Arco rheostats; asks if any instock. 1	
39286 5/20	Crampa	WYOMING: non-installation of: Contractors ask if S. Carolina can be taken for guide in estimating.	488-6



APPARATUS

FILE No.		From or To— (Dated)	Subject	
No #	4/17	To S&A	NIA Bu reon. 261. wireless telegraph sets: Rec. bid of Telefunken W.T. Co. be accepted. W	
✓ 36657	4/20	TO Telefunken W.T. Co	Reqt. approx. date of delivery of articles under contract 210, reqn. 260. for M.I.s. W (7) to -- Asks if generator or transformer item 4, cont 210, been shipped to M.I.s. 4/22.	
✓ 36756	4/5 4/17	Andrews, J.H. NY 936-855-16	Reqt. test of a wireless apparatus which entirely does away with interference. W Reqt. NY appr'd. Reqt report after test. 4/22. Feb 802	
✓ 36810	4/22	Telefunken Co T	Expect to express generator 26th; transformer as promised. W	
✓ 36924	4/22	Telefunken Co	Reqn. 260. States will express 5 kw gen. to M.I.s. for Unalaska as per reqt. W	
36739	4/2	To C.O.	MARIETTA: reports on efficiency of set	278--6
37084	4/18	NY GSK	Reqt. instructions relative to apparatus on contract 12874, Nat. Elec. Sig. Co. NPO contract 326, F. Lowenstein. W	
✓ 37127	4/20	Nat. Elec. Sig. Co	Reports appointment of S.M. Kintner, Genl. Majr. and technical director. W To -- Acknowledges. 4/28.	
37058	4/18	Br Hydro. Off. Phila	Reports on wireless system on BRITISH ships	891
38738	4/21	To M.I.s.	STEWART: reqt report on efficiency	413--6
37784	5/3	NY	TORPEDO: B.D. states estimates for installing wireless on did not include cost of aerial: gives same	496



APPARATUS:

FILE No.	From or To— (Dated)	Subject.	
✓ 34944 3/27	NY Yd 855-705-175	Reports on test of, manufactured by United W.T.Co.; recommends be not purchased. W	
35205 3/31	NY	FEDS: 32-36: submits est. for installation of sets on those not now so equipped.	496
✓ 35298 4/3	Telefunken Wireless Tel.Co.	Rel to 5 kw generators to go on bed plates of M. & W. oil engines. Reqr. 280. W To fur. slide rails; recast prints. To Armitz. Two print of generators and recast quotations. 4/20.	
✓ 35488 3/24 4/4	WEST VIRGINIA Dept 26983-112	Reports on experiments with wireless telegraphy in connection with aeroplanes. W And Dept. calls attention to 34609 of even date. 4/25.	
✓ 35615 4/7	TO S&A, Washn. Norf.	Battle wireless telegraph set: shipped to Washington. for overhauling and test. W. E.L. to Norf. R.B. 4/15	
✓ 36003 4/10	Lowenstein, F	Sig sets: states expects to deliver by end of May. W	
✓ 36290	Nat. Elec. Sig. Co	Reqr. 290: for 5 kw set; and transformers; recd. additional information. W. To -- Information furnished. 4/21.	
✓ 36555 4/19	TO NY, S&A, Norf.	Directs shipment of transmitting sets on contract 12874 to Norf. for installation on MARS: REC. OR: VULCAN INCALLS. W	
36406 4/17	To Dept	APPRO. reserve fund, Equipment of Vessels, 1911. Reqt be allotted to SE to cover expenditures for wireless sets and Long Distant Sta. 604	



APPARATUS:

FILE No.	From or To— (Dated)	Subject.	
34376 3/28	Garwood Elec.Co	5 kw sets: states sets are not in stock but guarantee time of delivery, 6 weeks. W	
✓ 34497 3/23	Telefunken Co	Quotes price of sets, with belt driven gen. W	
34593 3/22 3/24	North American W.T. Corp. Dept	Writes relative to Dept. considering bids on their apparatus made by the Garwood Elec.Co.W	
✓ 34609 3/6	WEST VIRGINIA:	For aeroplanes, devised by Chief Elec. H.E.Morin, and Elec. Whitham. W Twd Dept. Rec test at N.Y. Id or elsewhere. 4/25. R. 3-17a pdd. Twd N.Y. Id. for comment and rec. 5/18. R. 7-6. To N.Y. Id. 7/7.	
✓ 34651 3/25	TO N.Y. Id. & S.&A.	Cont. 12899: directs shipment of apparatus to Portsmouth, Philadelphia and Wake Island. W To SIA(2) Re: shipment of detectors. 4/15.	
✓ 34637 3/23	Marconi W.T.Co.	Reports completion of order for three W.T. sets: and states can deliver 3 addtl sets in two or three days' time. W To -- acknowledges. 3/25.	
34772 3/21	NY.	BAL. EY: Ioulsen set: hot wire ampeter for; states forwarded to perf. prior to receipt of 14's letter directing no part of the set be disposed of; asks if same shall be returned & new ampeter purchased.	125--C
✓ 34777 3/21	J.L.Jones	Reqt addresses of firms manufacturing. W To -- information furnished 4/1.	
35682 4/6	Mass Nau.Tr.School	RANGER: reqt wireless outfit:	369--C



APPARATUS: GENERAL: WIRELESS:

FILE No.	From or To— (Dated)	Subject
✓ 34009 3/16	NY Yd 855-705-159	Submits further report on Mr. Martins visit to works of Garwood Elec. Co. W.
✓ 34061 3/17	Telefunken W.T.Co	Quotes price for spares for 2 and 5 kw sets. W
✓ 34160 3/17	United W.T. Co	Reports W.T. apparatus ready for immediate delivery. W Fwd NY. Directs insp. and req. re purchase 3/22. R.E.S/27. To -- Not prepared to purchase. 4/8.
✓ 34085 3/18	TO Telefunken W.T.Co	Reports submitting reasn. 260 to cover apparatus to be delivered by Yd. and R.I.s. for various W. Stations. To -- req. list of spare parts reasn 260 and 261. 3/25.
34081 3/18	TO NYD	Fwds copies of reasn. 259, 260 and 261 for. W
✓ 34086 3/18	Firth, John	Offers to sell apparatus formerly installed on Evans Bldg. for \$2500. W To -- Bu. does not desire to make reasn. 3/23.
34149 3/16	NY	OHIO: states delivery of set on reasn 82 will be too late to install prior to July 1st. rect auth. to assemble or purchase another set. 323--6
34152 3/7	C.O.	WHILE: rect installation of new one as entire outfit was transferred to INDIAN. 479--6
No 4 3/21	To Dept.	NBA reasn. 261. wireless telegraph sets, etc. for wireless stations. Requests purchase without competition.



APPARATUS: GENERAL : WIRELESS:

FILE No.	From or To— (Dated)	Subject.
✓ 33757 3/14	Garwood Elec.Co T	States inspection of Mr. Martin did not give proper information re their wireless work; retd. he be directed to make new visit. & report. W To - Su. satisfied that Co. cannot furnish; will not place reqn with. 3/20.
✓ 33756 3/13	Telefunken W.T.Co	Quotes price on motor gen. and transformers for 2 and 5 kw sets. W.
33580 3/11	To NY Yd	TERRY: DRAYTON & PERKINS: will purchase Marconi apparatus and directs installation at Yd. 432--6
✓ 33841 3/15	TO Dept	Reqt. authority to purchase wireless apparatus for improving Cape Henlopen and Jupiter Inlet Stations on reqn. 261. in connection with law covering all vessels being equipped with. W R.B. 3/20
✓ 33841 3/15	TO Dept	Reqt. authority to purchase apparatus on reqn. 259 and 260 for improving stations on Atlantic Coast. W
✓ 33971 3/15	NY 926-2-6	fwds print of wireless apparatus. W.
✓ 33993 3/17	NY T	Garwood Elec.Co. not manufacturing generators or transformers. W.
✓ 33999 3/17	United W.T.Co T	1 - 2 kw set ready for shipment 5 days; 1 - 2 1 - 5 kw ready in week; can deliver two sets per week; price reduced. W.



APPARATUS: GENERAL: WIRELESS:

FILE No.	From or To— (Dated)	Subject.	
✓ 33159 3/7	Phila 8	Wireless transformer & inductances; reports arr. for shipment to Norf. and Washm. W	
33161 3/6	Phila	AMMEN: asks if set shall be mfgd at Yard	115--6
✓ 33279 3/8	United W.T.Co	States will call at Bureau in reference to apparatus in store, which they can deliver promptly. W	
✓ 33276 3/8	Marconi W.T.Co	Twds photo graph showing standard ship switched for wireless; also cut of motor generators: quotes price. (Photograph not received) Twds for comment as to purchase 3/13. L.D. 3/22. To -- Cannot use. 3/22.	
✓ 33375 3/8	American Wireless Co	Reports have no transmitting sets in stock; can supply receiving sets. W To -- Acknowledgement 3/10.	
✓ 33574 3/11	Garwood Elec. Co T	Quotes price and date can furnish 5 kw generators with excitors for wireless. W (T) to NY. Sent rep. to Co. to inspect 3/11.	
✓ 33612 3/10	Nat. Elec. Sig. Co	States have 5 -- 2 kw complete sets, ready for shipment. To -- Not prepared to submit recn. for at present. 3/21.	
✓ 33703 3/13	Garwood Elec. Co	Reports visit of inspector to factory to inspect wireless apparatus; have not yet received order for any. S	
✓ 33707 3/13	Marconi W.T.Co	States expect to deliver 3 -- 2 kw sets Wednesday or Thursday. W	



APPARATUS: GENERAL: WIRELESS

FILE No.	From or To— (Dated)	Subject.	
✓ 32689 2/1	TO S&A, NY Yd, M.Is. Newport, & Circular to W.T.Sta.	Relative to shipment of 5 kw wireless sets from New York delivered in contract 12899, Telefunken Co. W To NY Reest information re receivers ship- ped to M.Is & Unalaska, 4/15. To ports, Phila. Newt. lensa. On receipt, reest plans and est. for installing, 4/28.	See Card 13
✓ 32865 3/3	Circular to Wireless Firms	Reest. quotation on high frequency sets on hand or ready for prompt delivery. W	
32903 3/4	Norfi.	TALLAHASSEE: wireless set shipped Wash.Yd.	426—6
32959 3/4	TO Norfi. - Washn. - Phila. - & S&A	Shipment of wireless apparatus from Phila. to Norfi. and Washn. W	
✓ 33018 2/20	Clark, J.P. Hart	Reest. information re suitable wireless set to install in signal corps. armory, Mo. National Guard, W To -- Gives list of wires 3/8.	
✓ 33076 3/6	Garwood Elec.Co	Quotes price on high frequency W.T. sets. W To -- Reest for complete data 3/7.	
✓ 33111 3/6	Marconi W.T.Co	Quotes price on wireless apparatus in stock. W To -- Reest detailed list of instruments 3/7. (-) to -- Reest, apprd. Directs del. of three 2 kw ships sets, magnetic detector NY Yd 3/11.	
✓ 33112 3/6	Telefunken Co	Will submit quotation in high frequency sets in few days. W	
✓ 33152 3/7	Gardiner, Hon. A.P.	Reest. information re disposition of old wireless apparatus for information of G.D. Morin. W To -- Advertised for sale 3/8.	



FILE No.	From or To— (Dated)	Subject.	
✓ 31780 2/15	Nat.E.Sig.Co	2kw sets; contract 13422; suggestions for condenser rack for same; submits prints. W To -- plan satisfactory 2/17.	
✓ 31908 2/16	Norfolk 976	Reqt. vandykes wireless tel. sets.W	
31927 2/18	To S&A, NY & M.Is.	UNALASKA; shipment of 5 KW Telefunken set delivered under cont.12899; for	845
✓ 32084 2/20	Nat.E.Sig.Co	Fwds b/p of condenser rack proposed to be furnished on contracts 13422 and 14441; 2 and 5 kw sets. W To -- plan satis.3/1. Fwd NY Directions for shipping; regis weekly report of number turned into store.5/1. RB 5-17 Reports on W	
✓ 32252 2/23	TO Nat.E.Sig.Co	Fwds list of apparatus belonging to Company at Washn. Yard and reqt. shipping instrns.W	
✓ 32427 2/25	TO Washn.	Fwds copy of reqn. 231 covering wireless transformers and inductances, etc. W	
32427 2/25	TO Washn	Fwds copy of reqn. 226 and 227, covering wireless material to be delivered at Yard for test. W	
✓ 32612 2/27	Nat.E.Sig.Co	Reqt. apparatus at Washn.Yd. not required be fwded to Washn Office. W Fwd Washn. Directs delivery of 3/L. R.B.3/6	
✓ 32681 2/20 2/28	No.American W.Corp. Dept	Gives reasons why their apparatus should be considered for use in Navy; especially in reference to sets on bids opening Feb.28.W	



APPARATUS: GENERAL: WIRELESS

FILE No.	From or To— (Dated)	Subject	
✓31012 2/7	TO. I. Valores	Concerning "Phares Hertziens" for use of wireless telegraphy for vessels navigating in a fog. W	
31161 2/7	Nat.E.Sig.Co.	WASH.L.D.Sta. can ship 100 Kw set at early date but prefer to replace part of apparatus with new units covering improvements recently made	841
31157 2/8	C&R	MCCALL: installation of after delivery: recommends installation be authorized in advance of estimates on DESTROYERS 22-36	269--6
31223 1/10	C.O.	N. DAKOTA: reports on 5 KW wireless set furnished cont. 12899: Telefunken:	321--5
31225 2/6	N.Y.	Cont. 12899: reqt instruns for making payment Telefunken outfit.	629
31437 2/11	Telefunken	Contract 12899: have made arrangements to replace detectors and fuses, and correct handles on rheostats. W	
✓31492 2/11	Telefunken	5 kw sets, schedule 3307: re t. information as to wgt specs. same shall be furnished under. L To -- In'or. furnished 2/13.	
31481 2/10	NY 926-2-8	~~Eds prints of . W~~	
31463 2/5	At.Torp.Flt	Comparative tests of on Torp.Dest. Rates then T. L. E. J. K. F. Fessenden, Marconi. Latter a bad third. W	



APPARATUS: GENERAL: WIRELESS:

FILE No.	From or To— (Dated)	Subject.	
✓ 29981 1/25	Telefunken W.T.Co	Contract 12899: states baye man at Yard repairing field rheostat handles. 74	
✓ 30239 1/20	American Elec.Fuse Co.	Are putting out catalog and rect. mailing lists W To -- States where to send catalogs 1/31.	
✓ 30272 1/27	Nat.E.Sig.Co.	Confirms report that Prof. Wessenden and part of technical staff have severed connection with company; will no material delay on outstanding contracts. W	
30393 1/25	Guantanamo	submits report on estimated & feasibility of making changes suggested	814
✓ 30797 2/3	TO Telfunken Co	Contract 12899; states detectors furnished with receiving sets are defective and will have to be replaced; also handles on rheostats be replaced on all sets delivered. W	
✓ 30816 2/1	American Elec.Fuse Co	Catalog: states desires to send same to enlisted men in charge of stations. W TO -- Apply to Navgn. 2/7.	
30759 2/1	Norfolk	DUBUQUE: reqt further instructions rel	193--6
30962 1/13	C.O.	MULL: reqt more efficient set	235--6
30914 2/3	J.O.	DUBUQUE: reqt new set be installed on vessel while at ports	193--6
30878 2/2	C.O.	MICHIGAN: reports working of 5 KW Telefunken set. cont. 12899	286--6

FILE No.	From or To— (Dated)	Subject.	
✓ 29387 12/31	At. Flt.	5 kw wireless sets; states have reqt. reports from ships concerned.	
✓ 29487 1/18	DELAWARE:	Reports on efficiency of 5 kw Telefunken Wireless set.	
✓ 29484 1/9 1/16	Telefunken W.T. Co. NY 855-705-122	5 and 2 kw sets; under contract 12890(9) states field rheostats become heated under test, causing injury to handles; recommends handles be replaced and insulation be installed from binding post to rheostat. To Tel. W.T. Co. Desire replacement 1/20.	led
✓ 29510 1/19	United W.T. Co.	Requests date of opening of bids on 5 and 2 kw W.T. Sets? To - no date set as yet 1/21	
✓ 29538 1/19	National Elec. Sig. Co.	Quotes on small dial resistances for taking shunt readings.	
✓ 29598 1/19	Rawles Cobb Co.	Fwds. catalog of mfgd. by W.J. Murdock Co. To - acks. 1/21	
✓ 29591 1/20	Clapp & Eastham	Fwds. catalog on. To - acks. 1/21	
29553 1/20	To Pug Sd	OREGON: directs low frequency sets be assembled for	23-6
✓ 29945 1/25	TO Nat. Elec. Sig. Co.	Understands large part of technical staff has severed connection with Company; asks if will affect delivery on outstanding contracts.	



FILE No.	From or To— (Dated)	Subject.	
28105 12/31	No. American W.T. Corp.	Quotes price on 42 sets To -- Ask. 1/6.	
28273 12/27 12/29	C.O. Dept	IATAISCO: repairs, requests	334--6
✓ 28352 1/5	Kullman, PC.	Requests to be informed of total amount expended for year 1910. To -- \$493,000. 1/7.	
✓ 28184 12/31	N.Y. GSK6795	Paulsen Singing Arc Sets: reports 4 in store To -- Req. survey. 1/7 R.B. 1/18	
28612 1/3	NY B55-705-114	Under contracts 12899, 13549, 13525, 12874, 13422, 13551: relative to tests & delis. To Requirements 1/10. To Calls attention to previous letter. 12/9.	
28770 1/7	NY 926-2-3	Fwds prints	
28845 1/11	NYS	ARKANSAS: omission of: fwds estimates	121--6
28852 12/29	Norfolk.	ROE: reports actual cost of installation	381--6
✓ 28922 1/12	TO Clapp & Eastman, and Rawles, Cobb Co.	Requests catalog	
28919 1/12	To CO.	ROE: directs description of be filled out and sent to Bureau	381--6
28918 1/12	To C.O.	PAULDING: do	357--6
29014 1/13	NYS	ARKANSAS: omission of: change in cost	121--6
✓ 29169 1/16	TO NY	Regn. 83: fwds copies covering 2 kw sets for the JULIET: NEPTUNE: ALLEN: TRIPPE: MONAGHAN: WALKER: PATTERSON:	
✓ 29179 1/16	TO NY	Regn. 189: fwds copy covering 2 kw sets for DENVER: LIVESTON: CHATTANOOGA: CLEVELAND: TACOMA: DES MOINES:	
✓ 29279 1/16	NY.	KEY WEST STA: rel kind of outfit to be supplied	817



1912

Number.	Date.	From or To—	Subject.	
48553	9/13	To Dept	APPRO: Reqt addition of \$1000,000 E of V. for erection of high powered wireless sta. at various points	604
50311	10/5	Dept	Appro. Bill 1913, returns estimates for revision, cut out \$1000000 for shore stations Pacific.	604
60894	2/10	To Dept	Appro. H.P. stations, House Committee on Naval Affairs state estimates should be forwarded through Secy Treasury.	604
62825	3/5	Com. Nav. Affairs	APPRO: specis of \$1000000 for, reqt data on land intended to be purchased, location, and details of expenditures.	604
64239	3/21	House Com. Nav. Aff.	Appro. \$1000000 for wireless, reqt itemized estimate be submitted	604
70679	6/8	To S&A	ADMINISTRATION: reqt sufficient information to approx. how much of appro. is expended for radio on coast & ships. stcs.	600--4
110987	11/22	To Dept	1913. Estimates, Bu. equipment-radio stations; requests that "To continue the establishment of HP radio stations as provided and Act appd. Aug. 22, 1912, \$400,000 to be available until expended"	604
111241	11/25	Dept	Supplementary estimate for HP radio stations, objects to making supplementary estimate \$500,000, requests statement of amounts already expended under original appro. of \$400,000.	604

APPROPRIATIONS, RADIO.

Number.	Date.	From or To—	Subject.	
113605	12/23	Y&D	Recommends that additional appropriation of \$350,000 for work on high powered stations, be included in present bill, summarizes expenditures made under allotment of \$1,000,000.	604
1914				
116022	1/26	Memo to Secretary	High-powered radio stations. Recommends effort be made to secure legislation increasing amount authorized to \$1,500,000 also omission of Samean STATION.	604
1916				
174957	1/5	To Yards	Outline of radio work, 1917-1923; rec'd list of items that will require expenditures of over \$500 with estimates for cost and time	604
207964	10/4	Managua	Gasoline for radio plant; asks what approp chargeable	858
441985	8/26	Phila	Recs that Dept issue orders that when radios are sent out of station that all radio instruments, fire control equip and instruments be removed and turned in to store.	774

see generating sets, MOTORS & GENERATORS.

see generating sets, MOTORS & GENERATORS.

[illegible]



AUDIBILITY BOXES.

See RECEIVING & SENDING SETS.

1913

[illegible]

1922

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
652646	12/9	To the Wireless Spec.	Co- The radio compassstans of Boston Harbor entrance group are available at any time- if Representatives desires to avail themselves of this privilege W Reqs to inform Wireless Spec. Appr. Co 12/16 W To Boston- gives instrns cc Wireless spec. apparatus Co 12/27 To Wireless Spec Appr Co - gives action taken cc Boston W 12/27
652806	12/15	~~12/16~~	Re quest copy of B. Washington's report on balancing of neutralizing wiring for reducing deviation at compass stations cc Boston 1/5/23
654626	11/25 12/18	BROOKS US Fleet	Report on test of sound receiver and radio beacons off New York W

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
652795	12/25	To Washn	Telephone chokes- manufacture of- requests job order cc secy navy yard div. W R
655134	12/30	To Emil J Simon ~~Washn~~	- Thanks for catalogue describing radio beacon transmitters and radio direction finders W

1922

Number.	Date.	From or To—	Subject.
645241	10/12	Aircraft Factory	Radiation a meters requested by aircraft squadrons not available—ask if can substitute another type. J.
645412	11/12	Macostia	Subm data on constance of type SE 4080 radio compass coil. J.
645397	10/11	Chasn.	Suggest dest over now en route to New York be assigned for calibration of Holly and North Islands compass stations. J.
645543	10/10	Pac. Sq.	Subm data on constance of type SE 4080 radio compass coil. J.
645586	8/26 9/7	Destroy Sqd. 15 Asiatic Fleet.	Subm table of U.S. and foreign stations kept in conn with times and dates. J. Fwd'd Dir Command 11/6 RS 11/25 J.

919

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.	
646094	10/19	Naval Intelligence	Submit report from Lt. Comdr Comfort on radio compass installation abroad PW	652
646566	10/16	Pac Fleet	Copy letter to Destroyer Squadron for improvement in radio compass. W	
647420	10/20	Hiram W. Johnson Jr.	Have Kalster Compass and position finder as Federal telegraph Co ready to be turned over for test W to C-1-C Pac. Fleet- Gives Action taken 10/31 to H-1- Gives instrms 10/31 to Hiram W. Johnson Jr. Requests plans 10/31 Pac Fleet 11/7 Copy action to NEW MEXICO W Federal Telegraph Co. 11/10 Repts matter be held up temporarily W 11/16 Copy action to Pac Fleet W To Fed Tel Co- 11/22	

DIRECTION FINDERS

1922

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Number.	Date.	From or To--	Subject.
650224	11/15	Federal Teleg. Corp.	Fwds charts and disposition made covering Dr. Kolstons radio compass and position finder W
649421	11/18	To Washington	Telephone choke coils for radio compass W Wash 12/12 Submits estimate covering cost of frequency transmitter W
650768	11/25	To Camdts Yards listed- Fleets	Fwds plans- radio compasses on both ship and shore stations W
651769	12/22	To Great Lakes	Radio school- plans for Fwdd W

N. 100-194
 DIRECTION FINDERS

1922

Number.	Date.	From or To--	Subject.
651770	12/4	To S&A 1644	Theodelite Request shipment of calibration from NY to CO Anacostia W Theodelite RB 1/16/23 W To S&A Request shipment of calibration from NY to SO Washn 1643 12/4 Theodelite To S&A Request shipment of calibrations from NY to SO RI 1631 12/2 Theodelite To S&A Request shipment of theodelite from NY to SO Norf 1626 12/2 Theodelite To S&A Request shipment of calibration from NY to SO Chasn 1627 12/2 Theodelite To S&A Request shipment of calibration from NY to SO Key 1628 12/2 Theodelite To S&A Request shipment of theodelite from NY to N O 1629 12/2 Theodelite To S&A Request shipment of theodelite from NY to Great lakes 1630 12/2 RB 1/4/23 W To NY- assignment of theodelite 12/6
650888	12/6	To Phila	Design problem- design of radio compass for submarines- fws sketch W
652879	12/7	3rd District	Radio compass report for November W

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
646907	10/28	To CO Anacostia	Instln aboard LANGLEY- Fwds recomms W Anacostia 11/11 Fwds special report covering compass instln on board LANGLEY W
646908	10/28	To CO LANGLEY	Radio compass bulletins- Fwds W CO LANGLEY 11/6 Radio compass bulletins received W
648247	11/3	Ed Dist.	Fwds radio compass report for October W.
649328	11/7	12th District	Fwds report for month of October W
649370	11/11	Hydrographic Office	Fwds correspondence in connection with radio compass bearings received by Steam Ship San Pablo W Fwds Navign 11/17

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
649993	11/16 11/17	War Dept Dept	File letter from K. A. Kretschmar re: radio compass and invention be tried out on some Naval Vessel To K. A. Kretschmar - Request description of compass cc Dept 11/25 Rwds Asra. 12/4
650086	11/13	Pac Fleet 137-6 1370	Copy letter Battleship Squadron 4 submit report on radio compass calling atten- tion of excellent results obtained by TEXAS and poor results of NEW YORK W
650086	11/13	Pac Fleet	Copy letter Air Craft Squadron submitting comments on results and use of radio compasses W
650196	11/17	Naval Intelligence	English publication of technique on direction finding wireless telegraphy 1921 W

DIRECTION FINDERS

1922

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Number.	Date.	From or To	Subject.
✓ 643277	10/4	To Operns	Research problem, destroyer for work on Phila W
✓ 644287	9/26 10/4	FCB Dept	Fwds reports and correspondence in conn with inaccuracy of compass stations. W. Fwds Operns 10/18
✓ 644709	10/6 10/7	Boston Dept	Fwds beneficial suggestion by E. J. Wilking- ton for reduction of deviation at radio compass stations. W. Fwds Anacostia 10/12 W RB 11/4 W Fwds Dept 11/8 W RB 11/18 W
✓ 644334	10/6	To Perf 2516	Radio Compass USS LANGLEY- If calibration has been unsuccessful, records are desired concerning solution of difficulties W on Langley 10/10 Fwds USS LANGLEY 10/14 W RB 10/23 W To Aeronautics- Fwds photographs 10/14 W Bu Aeronautics- Returns photos 10/20 W Fwds J&M 11/7 RB 11/4 R

Number.	Date.	From or To—	Subject.
641985	9/17	To Phila	Destroyer Radio Compass- Ask to be informed when problem will be ready for demonstration W To Phila- Asstd CHILDS be detailed. 10/12 W Phila 10/11
643760	9/30	Dept	Copy of letter to FCCS fwding conl's of correspondence rel to test of Holstar direction finder- radio beacon - by light house tender SEQUOIA. W.
643868	10/2	Nine Sqd. 1	Sub chart cov. radio compass test 10/27 W Fwds Navign via DIP Comm 7/18
644045	10/3	Atl. Destroy Sqd. 1	Subm report of radio compass test using 500 Watt AC tube set. W.
645116	10/11	3d Dist	Fwds radio compass report for month of Sept. W.

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
✓ 639849	8/29	Phila.	-- Fwds prints showing manufg tables for 2 types of port type and collapsible compass coil frames, by To Phila. Fwds print 10/4
639919	9/8	To Navigation (Hydrographic Office)	Reports of shore Radio Compass Sta- tions as Radio Beacons. W Co Comm Dept of Commerce, Nav.
518313	FROM CARD 143		Atl. Battleship Force— report from CO ROCHESTER 9/5 W Fwds Navian 10/7 RB 10/13 W

1922

Number.	Date.	From or To—	Subject.
640969	7/18 7/28	CO BROOKS Sqd. 14	Report on radio compass bearings for month of June. W.
640963	8/11	Cavite	Request radio compass bulletin issued 7/1-19 be furn. W. re Cavite- fnds cc radio compass bulletin 9/15
641122	9/7	12th Dist-	Radio compass report for month of August. W
641631	9/20	Philila	radio coil systems- shipment of parts Comments cc C-1-C, cc-Atl fleets, Boston NY- rug and W Phila. 10/9 W.
643065	9/18 9:25	Atl. Destroyer Atl. Battleship Force	Subm data on operation of radio compass. W

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
626213	FROM CARD	145	Destry Sqd. 15- Fwds data. 7/22 W Europ Forces. 8/16 W. Communications- request copy of data. 9/20 W. Fwds Dir Comm. 9/23 RB 9/30 W Fwds Dir Comm. 9/27 RB 10/3/22 W To Dir Comm- Fwds co let from CO 9/28/18/3 GO POPE- report on test made by Sqd. 15- from Singapore to Cnefoo, China. F W. Fwds Dir Comm. 11/7 RB 11/11 W
637798	8/18	To Washn	Radio compass plans receivers- Reqs Print ca NY W Washington 8/30 W
✓638340	7/11 8/9	Destry Sqd. 15 European Forces	Fwds summary of radio compass bearings. W.

DIRECTION BINDERS

1922

Number.	Date.	From or To—	Subject.
✓ 638523	8/15	Pug.Sd.	Fwds radio compass report from Ocean Park station. W.
✓ 638576	8/16	Pug.Sd.	Fwds calibration curve Ft. Stevens compass station. W.
✓ 638672	8/21	Hydrographic Off.	Fwds copy of letter from FLORIDIAN re: to unusual compass bearing observed. W.
638829	7/19	War Dept	Claim of Dr. J. Robinson covg use of direction finding sys description in British patent #134560 Request information in conn with W. 896-1
639461	8/21	Pug.Sd.	Fwds radio compass calibration curves for EMPIRE STATE. W.

Number.	Date.	From or To—	Subject.	
✓ 636455	8/4	Boston.	Request design and specifications of radio frequency filters for radio compass, be fwded. W To Boston— design and specs 8/12	
✓ 637067	8/10	Communications	112-26 Fwds report from CO TOLSON on radio compass bearings obtained en route to N.Y. W Fwds Dir Comms 8/17	
✓ 637187	?	Naval Intelligence	Brief history of early development of radio goniometry or direction finder.	W
✓ 637267	7/31	Naval Intelligence	Fwds publication entitled "Der Funker" rel to radio apparatus P	
✓ 637344	8/7	12th Dist.	Subm radio compass report for July. W.	

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
637781	8/14	Signal Corps	Request of report of results obtained 727-1 by radio compass installed on destroyers of Pacif Fleet. W
637825	8/18	Battleship Force	Subm reports on bearings obtained by shore 919-1 radio compass station. W
637924	8/16	N. W	Report on inspection of radio compass instns on destroyers listed. W. to NY— Standardization of Radio compass equipment on— go CO's MCFARLAND OVERTON STURTEVANT REUBEN W 8/26
638125	8/5 8/15	CO WYOMING Atl. Fleet	Report on test with radio beacons located in N. Y. harbor. Wds of Rns via Dir Comms 8/25 RB 8/30 W.
638044	8/11 8/14	H. Woodhouse Dept	Rel to Navy supplying Capt. Arndtson with radio direction finder. W. [Asst Sec sig to Henry Woodhouse— gives action taken rel direction finder W 8/21

DIRECTION FINDERS

1942

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Number.	Date.	From or To—	Subject.	
634853	7/25	Hydrographic Office	States concurrence with Bureau at 11 ft Images will be held in radio log books on all vessels. Also use a radio compass on board ship. 678	
635352	7/28	Naval Intelligence	Table for correcting radio bearings by Capt. K. Macdonald—ask if Bureau is interested. Memo for Office of Naval Intelligence— Requests cc of publication of tables 8/2 Naval Intelligence—fwds table for correcting radio bearings 10/2 W fwds Navion 10/7	
635550	7/28	Phila.	Fwds special report on super range vapor air condenser. W. 882-1 To Phila. Ask cost of manufacture of condenser 8/12 Phila 9/13 W. Phila. Cost of manufacture of condenser. 9/18 W. To Phila. Request print 9/28 Phila- 11/1/42 W	
635582	7/20 7/29	Asst. Fleet Communications	Fwds correspondence in conn with radio compass bearings recd from shore radio stations. Fwds Dir Comms 8/3	

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
635625	7/31	Hydrographic Off.	This report of operations received by Pwds Dir Command 8/11
635935	8/2	3d Dist.	Pwds radio compass report for July. W
636107	8/1	Anacostia To S&A - gives instrns rel check 5/3/23	Comments on means of reducing capacity effects of operators body on radio compass. W To OO Anacostia - Gives Action taken rel reduction of deviations at Radio Station Anacostia 10/25 Pwds sketch and spec covering choke coils W
635165	8/4	To Washn	Radio compass Model Db equipment. Request Phila be furnished with copies of plans listed cc Phila W Washn - Pwds Prints of Model DB radio compass receiving equipt to Phila. 8/17 W
636357	7/25 W/29	13th Dist. Pacif. Fleet	Comments on unsatisfactory service turn by RC stations 13th Dist. established by Ratoosh stations due to shortage of personnel. W Pwds PUG Snd 8/12 RB 8/28. W To PUG Snd - requests estimate be submitted 9/20 PUG Snd. - Submit estimates cov material and instrn at Ratoosh. 10/27 To PUG Snd - Records sent not satisfy comments on 11/21

Number.	Date.	From or To—	Subject.
621373	From card	143	Fwds S&A rel depart of commerce Request fo. loan of radio compass receiver W S&A—Copy action to Washington 9/5 W
634760	7/25	Norfolk	Fwds prints & spec report on radio compass calibration & check cruise W

Number.	Date.	From or To—	Subject.
634794	7/21	pug Bd	rwds radio compass report from various destroyers W
635087	7/27	Exp ^{ta}	rwds sonic range finder specifications. W.
635053	7/27	Communications	rwds report from Pacf. Battleship Sqd. 4 rel to radio compass bearings recd from shore stations. W: rwds Dir comm 8/4
634829	7/25	Hydrographer	rwds report of radio compass bearings received by French Steamship Texas from cruise light ship W

DIRECTION FINDER

1922

Number.	Date.	From or To—	Subject.
628883	6/20	Dept	Copy of letter to Dept of Commerce stating cannot recommend use of bearings obtained by radio compass on board ship for fitting a ships position W
629352	6/24	To Y&D	Improvement at Radio Compass Stations 13 Nav Dist. WK
630426	6/28	Norff.	Maximum reading type of radio compass— sub. report: 8/5 in 7/17 RE 7/25 W To Norff- proposed maximum reading type of radio compass 8/5
630427	6/24	SHAWMUTT	Fwds result of testing bearings from radio compass stations en route Delaware Capes and Hockford. Fwds in encls. 7/15 W To CO. via SHAWMUTT. Fwds Nav Communications 9/8 W

1922

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Number.	Date.	From or To—	Subject.
631262	7/5	3d Dist.	Fwds radio compass report for June. W
631505	7/6	Boston	Bar Harbor Portland, Surfside— fwds calibration curves. W.
632202	7/6	12th Dist.	Fwds radio compass report for June. W.
632545	7/13	Hydrographic Off.	Report from Admiral Evans on accurate bearings recd from Hinchinbrook Comp Sta. W
632655	7/13	3d Dist.	Fwds correction of radio compass report for May. W.

DIRECTION FINDER

1922

Number.	Date.	From or To—	Subject.
586640	from card 129		To Patent Office Fwds application papers with plans W G Ellis covering improvements in "Radio recg Systems" W 6/8 To W G Ellis - Fwds instrumnt 10/22 To Dept J - G - Fwds copies of license 1/4/23 RB 1/29 W To W G Ellis - Fwds license 2/2/23
9 614582	from card 129		To Sec of War (Asst Sec Sig) Reqst inform rel instruments W 6/6 War Dept- Theodolites can be transferred to Navy. 7/5 W. (Sec 24) War Dept- Request of Sec 24 7/5 W Fwds S&A to Navy packing charges. 8/10 W Fwds S&A 9/8 W RB 8/25 W To S&A Request shipment of calibration from NI to S Boston 1510 11/16 RB 1/12/23 W To S&A Request shipment of theodolites from NI to S Philadelphia 1509 11/16

Number.	Date.	From or To—	Subject.
628640	6/13	Pac Fleet	Copy of letter to Air Gen rel to Radio Compass monthly report W
628713	6/14	12th Dist	Radio compass report for month of May W
628816	6/16	Philb	Fwd comments on report of bearing obtained from shore compass stations by MARYLAND W
628870	6/16 6/19	Dept Communications	Radio aides to Navigation rel to proper location of radio compasses W

DIRECTION FINDER

1922

Number.	Date.	From or To—	Subject.
624985	5/25	To Boston	Radio Compass Information regarding compass bearings used by EAGLE vessel recently grounded on Long Island W To NY-- Report Inform as to what was given EAGLE 5/25 N.Y.-- Report on services rendered by Eagle 17. 6/6 W. Initial 6/2- W.
625870	5/29	Atl-Destry Sqd. 14	Subm report of radio compass bearings read by KING. W.
625072	5/29	To Navign	sound apparatus information regarding comparative efficiencies of apparatus for aids to navign W To Sub Sig Co comments cc Navign Dir Comm 6/8
625868	6/2	To Warren D Graham Co	neecy for sample to be submitted W
625494	6/2	To Efficiency Trading Co	Dept has no radio compass for sale W

DIRECTION FINDER

1922

Number.	Date.	From or To—	Subject.
✓ 626768	6/3	3d Dist:	Fwas radio compass report for May. W
✓ 626855	6/5	Atl. Destroy	Instrms cov submission of report of checking bearings on radio beacons established by Dept of Commerce off entrance to N.Y. Harbor. W.
✓ 626715 F D TO CARD 148	6/6	To NY 772	Radio compass lat for navy exhibit at the Brazilian centennial exposition N.Y. - States repairs nec to relief map of N.Y. Harbor. 7/5 W. To CO - rel shipment of material cc C-1 - C Atlantic Fleet - NY - SEA W To New York - 2 stores work be done at once 7/12 W To New York - T Addtl July allot \$300 Eng 7/11 K.C
✓ 626032	6/6	To Navign	Use of by vessels in trans-atlantic routes making sound fixes and nantucket light vessels gives comments W
✓ 626213 TO CARD 152	6/7	To Atlantic Fleet 473	Radio compass and sound tests desirable to be undertaken by Destroyers while on route to European and Asiatic Stations cc Atlantic Fleet. Opens W Atl Des 6/10 Copy of action to Sqn 15 & Div 39 W Des Sqn 15: 6/14 Recommendations covs data for instructing radio personnel W Des Sqn 15: 7/10 W To Des Squad 15- Ack receipt of report cc Dir comm 8/5 Fwas dir comm 8/8 RB 9/15 W

[OVER.]

Number.	Date.	From or To--	Subj. ect.
✓ 622223	4/25	Atl. Mine Sqd.	Request radio compass bulletins listed be furn. W. To Pacific Fleet Sqad-2 Fwds copies of Bulletins W 5/13
✓ 622132	5/9	To CO Anacostia	Assignment of radio Research Problem Gives inform rel work W
✓ 622770	5/5	12th Dist;	Request communication service, radio compass. report forms. W.
✓ 623041	5/13	To CO Anacostia	Fwds prints Radio Research Problem No 18 A Radio compass coil constants W
✓ 623765	5/16	Phila.	Ask if any test made in winding type SE1829 radio compass coil frame with #10 wire. W. Phila Fwds photo of proposed frames To Phila- Rts inform 7/3 W Phila 7/12 W To Phila- A Ver test instrms should be prepared 7/19 W Phila- coils placed in proper cases 11/2 W

DIRECTION FINDER

1922

Number.	Date.	From or To—	Subject.
624387	5/19	Queen Gray Co.	Request specifications cov remodeling radio compass receivers. W.
		~~CANCELLED~~ see 9657-706	
624814	5/22	Insp'r Cramps	Request copies of radio compass manuals. W.
			To Insp'r Cramps Two Bufile 5722
625072	5/19 5/23	Submarine Signal Co. Hydrographic Off.	Request inform as to accuracy of submarine direction finder device as compared with radio compass. W.
			Submarine Signal Co 6/9 W
625268	5/23	W. C. Graham & Co.	Request specifications cov remodeling radio compass receivers. W.
625494	5/10 5/25	Efficiency Trading Co. S&A	Ask name of manufacturer of Kolster radio compass and position finder. W.
14780-515	5/19/22	N.Yd N.Y.--Eng	Radio Compass Station Establishment of in outlying possessions.

1922

Number.	Date.	From or To—	Subject.
617586	4/13	To Washn via S&A	Condensers for Radio frequency filters on communication lines— Gives shipping instructions W
617999	4/13	To S&A 36	Regst shipment of Driver from Washn to SO Anacostia W RB 8/1/22. W
618453	4/14	1st Dist. Copy	Gives dates of completion of calibration of compass stations listed. W.
618313	4/18	To C-I-C Atlantic Fleet	Report of Results obtained in Checking Bearings on Radio Beacons Established by the Dept of Commerce off Entrance to NY Harbor cc Overns— Atlantic W Atl. Fleet- 5/23 W Battleship Force- Copy action to Dept 7/19 W Atlantic Fleet- Guide report from co TORREY. 8/8 W 1st Atl Fleet- Ack 1000 PM of report 8/11. W
TO CARD 153			
620569	4/19	Regd. Fleet	Sum report on compass performance by vessels to be placed out of commission. W.

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
621373	4/26	Mare Isl.	Fwds request of Dept of Commerce Frisco asking if Yard has radio apparatus for sale. W To Phila- Ask if coils available 5/6 Phila- Report on radio material. 5/11 W To MI- Gives inform rel coils 5/16 Bureau Navgn. Dept Commerce- Request receivers be delivered to Custom House, S.F. 7/6 W F.S. 7/11 BB 7/15/22. W Request Bureau publications on standard radio compass equipt for battle ships be fwded. W. To MI- Gives inform rel equipment 5/13
	see card	149	
621375	4/26	Mare Isl.	
621397	4/27	Pug. Sqd.	Fwds radio compass reports. W.
621416	4/29	Destroy Sqd. 15	Sub m status of radio compass equipt. W.
622052	5/4	3d. Dist.	Fwds radio compass rept for April. W.

Number.	Date.	From or To—	Subject.
616257	4/5	To Comdts listed ~~from~~	Radio Compass—Special Instructions for Calibration— Gives Instrns W To New York— Method of checking accuracy 4/15 W Phila 5/14 Spec radio report fws W Boston— fws calibration data. 6/26 W.
615828	4/5	To Dir of Naval Commrs	Radio Compass Stations— Commissioning of Whitefish Point, Detour Point and Grand Marais Gives Action taken W
616692	4/5	To CO Anacostia	Radio Compass—Radio Research Problem 124-C Causes of Deviation— gives inform rel work W
616693	4/6	To CO Anacostia	Destroyer Radio Compass— Problem 116-C Can- cellation of Regd data W To Phila— Gives Instrns 4/8 Anacostia 4/10 W Phila— Request another receiver be furn. 5/9 W Phila— request 6 step amplifier be furn. 5/11 W To Phila— rel shipment of Amplifiers 5/23 To Phila— comments on report 1/25

N. Eng. 134

DIRECTION INDICATORS

1922

Number.	Date.	From or To—	Subject.	
579249	4/3	Washn.	Aids specifications for radio compass coil - also drawings. 7.	698
616685	4/7	To MI	Radio compass-Determination of Cause for changes in Diviations- Request data W MI- Copy action to Compass Stations. 4/17 7.	
616684	4/8	To Dir Comms	Radio compass Stations-Restriction of working Sectors- Gives instructions W 4/15 7 To Dir Comms- submits list of shore stations on Atlantic showing the working sectors in which stations should be restricted W 12/5	
579249	4/12	100	TO DIRECTOR Returns radio compass instructions 4/20 7.	

DIRECTION FINDERS

1-22

Number.	Date.	From or To -	Subject.
611203	FROM CARD 139		Phila- project will be completed before 7/1. 3/27 W Phila- Request requisitions be approved at once. 5/8 W. Sends SAA cc Phila 5/12 To Phila (T) Job order covg manufacture type coils 3/26/23 Phila - (T) - Compass coils manufd under job order Y3375-2-3; carried in APA at \$320.60 3/27 W
616628 card 142 615878	3/30	To CO Anacostia	Radio Research Problem No 77 A Investigation of the Effect of Buried Conductors on Calibration of Radio Compass Stations- Request same be stricken from list W
615879	3/30	To CO Anacostia	Radio Research Prob No 104A- Investigation of Ground system for Radio Compass Station - Request same be stricken from list W
616557	3, 24	Consacola	Comments of Lt. Tdr. H. Dodd and Tdr. H. H. H. to use of direction finders in Grand Fleet W

DIRECTION INDEXED

1922

Number.	Date.	From or To.	Subject.
601559		fwd from card 134	To Washn- auth manu of listed items. 4/4 Washn- Gives Hob order numbers. 4/5 7. Washn- Gives date of completion of job Washn- Requests estimate be submitted 8/5 Washington 8/24 To Comdr Washn- Changes to be made without addtl expense 8/31 W Washington- Request authority to draw 10 condenser units from store. 11/1 To Washn- method appvd 11/23
616254	4/4	To Comdr Wash	R dio compass timing units estimates cov cost of manu of Radio Tele W
616692 card 142			
61712	4/5	Radio.	Radio Bulletin #2 on radio compass theory
617158	4/5	3d Dist.	fwd radio compass report for March. 7.

DIRECTION FINDERS

1922

Number.	Date.	From or To	Subject.
613468	3/13	CO KENNEDY Copy	Completed calibration 11th dist, compass stations. W.
613478	2/27 3/13	Boston Dept	Correspondence and notes on calibrations of radio compass in first dist. W. to Boston - Give Action taken 4/19
613566	3/9	Pug. Sd.	Compilation of calibration data for compass station - recommends only one curve be required. W. To Pug Sd. Gives instrns 4/7 Pug Sd. Fwds calibration curves of Soap Stone Point. 8/1 W.
614244	3/13	LI	Request radio compass bulletins be fwded. W. To LI Fwds cc Bulletins 3/23
614506	3/15	LI	Fwds deviation curves for radio compass on GEMLE RAISEY BREEZE & GILLIS. W.

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
615078	3/23	Communications C10	Sends samples of proposed form for radio compass reports— request be printed. W.
615271	3/23	Dept	Copy of telegram to Atl. Destroy detailing RUBBER & CASE for radio compass calibration. W
614582	3/23	To War Dept (Asst Sec Sig) ~~cross~~	U S Naval Radio Compass Stations, Calibration of Transfer of Transits from War Department for use of Navy Dept Gives instrns 7 for 10 theodolites available at port. for 10 or to 3/31 To Norf- Gives Instrns rel instruments 4/11 To Norf- 5/11 RB 5/16 W Norf 5/15 Recommends Theodolites be not used for radio compass calibration W Radio compass tuning condenser and compensating loading condenser—appl of plans W
SEE 142			
615021	3/27	To Washington	

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
610310	2/1 st 2/13	Lt. W. B. West 9th Dist.	Suggestions for elimination of use of compensating condenser and effects caused by changes in capacity of coil system at radio compass stations. W. Fwd CC Macgister 2/4 RB 5/27 with recommendations. Fwd Phila 3/29 RB 4/11 W. Fwd 9th May Dist 4/15 W RB 5/8/22. W. Re 9th Dist - Copy action to Great Lakes To 9th Dist - Fwd extract on Radio Compass Theory W 5/16 Decl'n problem 169-A cov battleship radio To Phila - plans and specimens appvd with comments 3/10 To Phila - allotment made 3/15 #9747 - rest shipment of receivers from Boston to S.O. Washn-W RB 5/26/22. W.
611203 CARD 141	2/21	Phila.	
610898	2/23	To Boston Yd 30	
611532	2/23	Phila. 3d.	Fwd radio compass reports. Destroys 302-307- inclusive. W.
611886	2/24	MI	DINT & WARD - Fwd radio compass deviation curves. W.

DETECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
612021	3/2	N.Y.	Radio compass bulletins have not yet been recd by Yard finding from Virgin Island. 7
611744	3/8	To C _o Anacostia	Fyds for co. on article on Van Automatic Anacostia- 3/16 Fyds special report on automatic retuning condensers. 3/16 W. Fyds Phila 3/30 RB 4/14 W. RB 5/4. W. To Norfolk- Automatic Retuning Condenser- cc C _o Anacostia- Phila 5/13
612736	3/7	N.Y.	Request true geographical location of compass stations be furn. 7.
611746	3/4	To LGA 9809	Request for recovery of Receiver No. 7 from LGA 9809 W Request for recovery of Receiver No. 7 from LGA 9809 3/4 RB 4/13/23 W
612852	3/7	Anacostia	Request all shore stations be equipt with equipment for banding continuous waves. W.

INTELLIGENCE REPORTS

1922

Number.	Date.	From or To—	Subject.
✓ 609002	2/11	To Air Communications	Regist reports to submitted W
✓ 609004	2/11	To Washington 7-4	Regist 100 copies of form to be furnished to Coast Guard, Washington for distribution cc Washington W E
✓ 609528	2/9	Mare Isl.	Sends report on calibration of radio compass on TATTNALL & JACOB JONES. W.

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
✓ 609587	2/13	Boston	Request auth to ship compass receiver type SE 1440-A to Washington, -unsuitable. will issue shipment orders - will be necessary to remodel receivers now in service-2,24-W
✓ 609005	2/11	To Co Anacostia	Request L.H. Shalloo is permitted to take radio compass receivers from compass station - to Filla for experimental work W
607440	2/9	Anacostia	Comments on redesign of 1440 radio compass receiver. W 909
✓ 610194	2/17	C&R	Radio compass house for battleships battle cruisers and large vessels - full prints with comments on D. To C&R - submits comments itemized-2,28-W

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.	
608180	1 31	Pug. 3rd.	Location of batteries for radio compass installing on destroyers—request instrns cov. To Pug 3rd—dated 2/16	7.
608300	2/4	To : rrf	Request latest revision of plane W No 1—Subm report on check cruise with recommendations of compass stations in 5th Dist. 2/17 W	
608470	2/6	3 Dist.	Awds monthly report of compass activities. W	
608630	2/6	5th Dist.	Awds radio compass report month ending 1/31. W	
608612	2/4	Anacostia	Test of remodeled type SE 1440 radio compass receiver—report cov. 7.	

DIRECTION FINDERS

, 1922

Number.	Date.	From or To—	Subject.
608819	2/7	Anacostia	Instructions for measurement of coils constance-calls attn to ambiguity in. W.
✓ 608842	2/10	To Naval Intelligence	Report on use of radio compasses for direction finders W. Naval Intelligence. No radio compass installation on ship at port in Italy. 2/17. Naval Intelligence- report on compass station in Italy. Report on. 3/31. Naval Intelligence- experiments on radio compass still being tried out in British Navy. 7/8. Naval Intelligence- report from Naval attaché Rome; 2/13. W.
TO CARD 128			
✓ 609362	2/7	NI	Report on calibration of "radio compass" on TWIGS BABBLET and BADER. W.
✓ 60900	2/14	To Ordn	Submarine Communication cable- Ask if can return report 1st. 3/27. Ordn- Ask what appropriation is chargeable. 3/27. Ordn- 16 Ordn- Gives Inform 4/11. Ordn- 16 Ordn- Gives inform rel cable cc Washn- Ordn 4/29. To Ordn- Allotment made 5/13.

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
605881	1/4 1/17	Mine Sqd. 2 Pac. Fleet	Subm monthly report on radio compass installed on destroyers listed. W. to C-1st Pacific Fleet - 1/17/22 In station of Comd 2nd 2/2
604898	1/25	Ryd Washington	Radio compass reports W
607111	1/20 1/30	CO KANAWHA Co m cations	Sub report on radio compass bearings recd. W
605191	1/27	TO C-1st Pacific Fleet TO C-1st Pacific Fleet TO C-1st Pacific Fleet TO C-1st Pacific Fleet	Radio Compass and alarm Test Pres report W
607500	1/17		
606541	2/1	To C-1st Pacific Fleet	Compass for small planes - Request design for 1000 ft altimeter, 1000 ft altimeter submitted W
606112			1/19 W To Phils - Allotment made 5/2

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
595663	FROM LARD 132		Phila. 2/1 1/2 Boston-Comments on, 2/6 7. MI- was report, 2/14 7. Phila- was report on investigation of cost for changes in deviation curves at radio compass station. 3/8 W. Phila- was report on investigation of causes for changes in deviation curves at compass stations. 3/21 W. Phila- was sketch with comments and estimates of cost of radio frequency traps. 6/1 W. To Phila- projects listed authd cc CO 8/10
607579	1/28 2/1	Phila. Dept	was beneficial suggestions of W. D. Loghlin cov device for marking true bearing. W. Fwd Dept 5/6 HB 5/15 approving payment of \$100. award. W
608144	1/20	14th Dist.	Request complete radio compass instrns plans be fwded. W.
608147	1/31	CO BRIDGE	Request set of radio compass bulletin to be furnished. W. to CO BRIDGE Bulletin 2/10

Number.	Date.	From or To	Subject.
602581	12/3 12/30	5th Dist. Communications	Was comments of 1st, 3d and 4th Dist. rel to accuracy of bearings turn to battle- ships during November.
602752	12/29	Tug. 3d.	Was calibration data Destroy 206-7-8
603121	12/31	CO MAURY	Report on radio compass equipt. W.
603543	1/6	Communications	Was report of compass readings turn by Steamship NEW YORK.
60391.	1/6	Tug. 3d.	Was radio compass report on. W.

DIRECTION FINDERS

1922

Number.	Date.	From or To--	Subject.
✓ 603673	1/11	To Norf	Im roved type of Indicator for Radio Compass Scale W
✓ 604160	1/11	Boston	Effect of cables from deviation of radio compass - SW's curves and shift with currents on. W
✓ 604201	1/12	Communications	Fwds report of radio compass bearings turn by WENTH HARRISON A. W.
✓ 605076	1/16	Communications	Reprt on radio compass bearings turn DELONG by various stations. W.
✓ 605312	1/18	Washn.	Fwds vandyke showing wiring diagram of radio compass receiver. W.

DETECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
601038	12/13	Pug. Sd.	radio room on destroyers - request instrns gov. ⁷ Pug. Snd- instrn will be authd at time material is available 12/21
600785	12/21	To Phila	Reqt Radio Compass Bulletins be forwarded W Phila- fwsd radio compass bulletin. 12/27 W
601768	12/22	Anacostia	Suggestions gov changes in prints of SE41080, radio compass. W.
601757	12/19	Msal.	Fwsd report of calibration of radio compass on board RAPAHEANSKY. W
600388	1./23	To Pug. Snd	Reqt be furnished with v nuyke Semi Portable Radio Compass. Case W Pug. Sd.-3 Semi-portable radio compass house for NEW MEXICO- fwsd print. 1/12 W 354-8

DIRECTION FINDERS

1921 -

Number.	Date.	From or To--	Subject.
✓ 601978	12/19	C. O. Wood	Fwd copy of radio compass detection curve. To Washn. Reqt: WOOD to supply copies of Form 1/6
602136	12/27	Phila.	Fwd special report cov long wave shore radio compass. W. To Phila- Reqt complete data 3/51 Phila- Lists reports fwded 4/18 7.
60158	12/27	To Washington	Radio Compass Design Problem No 152-A 32 1410 Receiver-- com. mts. in W Washn- Subm estimates. 2/1 # Washn- Fwd drawings and instrns on receivers. 4/7
601239. TO CARD	12/27 141	To Washington	Reqt inform regarding estimated date of completion of project and an estimate covering the cost of maintaining fifty of each of the units Fwd Director Comm 1/7/22 Washn. 2/3 W. Washn- Subm estimates. 2/28 W. To Washn- Estimates authd 3/21 Washn- Fwd drawing of radio compass tuning unit Subm report on radio compass bearings obtained by NEW MEXICO from San Francisco and San Pedro. W To C-1-C Pacific Fleet- report forwarded describing results obtained cc Air Corps 1/6/22
602555	12/22 12/30	Pac. Fleet Communications	

DIRECTION FINDERS

1922¹⁹²²

Number.	Date.	From or To	Subject.
593902	FROM CARD 133		Phila- Request prints listed be fwded. 2/10W To Phila- Cives Inform 2/15 To Phila- 2:21-W Phila- Subm estimates with recommendations. To Phila- Standardization of Radio compass Instrn cc CO's KOLISH SUBSON KOCCHERICK BUL MER 4/12 N.Y.- Subm report with recommendations. 5/2 W To NY- peccy repairs authd cc CO's REID OSBORNE BILLINGSLEY 5/6 N.Y.- Subm report and recommendations. 5/9 To NY- repairs and alterations cc CO's W HOPKINS LAWRENCE RULBERT PEEBLE SICARD PRUITT 5/17 N.Y. Subm estimates. 5/26 W To NY- instrn to bring cc CO's SICARD LAWRENCE PRUITT RULBERT PEEBLE HOPKINS N.Y.- Subm report on compass instrn on Hatfield & GILLER. 5/5/22/W.

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
596000	11/19	To Phila	Reqs no further work be undertaken on problem listed and that it is stricken from list of problems asgd to Phila Yard W
596651	11/4	Subm Div. 14	Recommends pamphlet cov theory, constructing, instln, and calibration of ship and shore compass equipment. W. To Div 14 fwsd Bull tins 12/13
596892	11/18	Maro Isl.	Calibration of radio compass on CHEW WILLIAMS & HAZLEWOOD - fwsd forms W.
597021	11/17	Pug.Sd.	Subm report on radio compass equipment installed on vessels listed. W.
578779	11/17	Pug.Sd.	Recommendations rel to calibration of compass on destroyers.
599344	11/22 12/5	Atl Batlshp Force Atl Fleet	Fwsd report on compass bearings taken by VYOMING & ARKANSAS - 2 To C-1st Atl Fleet - Submits record on 12/13

914

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.	
599352	11/25	R. Keen	Request copy of photo of illustration in journal of Institution of Radio Engineers to be inserted in book he is publishing. To R Keen- gives inform rel box 3/20/23 R Keen- gives publications. 10/23 W Marconi Works 2/20 Returns photo of rha. To R Keen- gives inform rel box 3/20/23	W. W
599644	11/18	Key West	Fwds reports from JO CALDWELL on checking of compass stations Jupiter and Key West to Key West request construction of ground station to be investigated and improved prior to next calibration 1/13 Key West- fws Key West and Jupiter calibration curves. 1/6 W Fwds radio compass reports, various destroyers	W
599930	12/6	Pug. 3d.	Fwds radio compass reports, various destroyers	
599936	12/7	Pug. 3d.	Fwds compass reports on various destroyers.	
593902	FROM CARD 132		Corf- subm estimates. 12/12 W Atli Destroy- fws reports. 12/10 W Atli Destroy- 12/12 W To CAR 12/31 report from J. HALE 12/29. W RE 1/23 W To Atli Destroy- Gives Action 1/31 To Corf- Gives Action 1/1/22 To Oeruss- Gives Action 1/1/22 To Corf- subm estimates 1/11 W To Corf estimate give 1/11 W CAR 1/28 W Pug. 3d. Request supply radio apps for compass equip on board destroyers. 1/26 W Phila. 2/3 W Dept Circ. 2/2 W To Phila- subm estimates 2/10 W	

[OVER.]

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
✓ 593378	10/29	A. P. Brigham	Reqst info as to number of coast station called by a vessel desiring compass info W To Calgate University A P Brigham- Given detla inform A. P. Brigham 11/14 W
✓ 593993	10/21	14th Dist.	Request copies of Bureau form rel to radio compass calibration. W Fwd Washn 11/5
594004	11/2	Ship Board	Fwds radio compass bearings recd by LAKE ELLERSLIE Fwd Dir Command 11/6
594217	11/3	Bur Stand.	Request copy of reports of test conducted on light vessels using naval ship equip with a direction finder. Naval ship equip with to Director of Bu of Standards- Fwd cc of report of test 12/23
✓ 591994	11/3	To Fed Tel Co	thanks for inform describing the Kelster Radio Compass and position finder W
✓ 594660	11/1	Mare Isl.	Fwds calibration curves of radio compass on various destroyers. W.
593663	11/8	To Phila	Determination of Cause for Change in Deviations observed at Radio Compass Stations. Reqst
CARD 136	12/5	Boston- Fwds copies report from Bar harbor. 12/5 W. To Boston Gives instrns 12/22	Reqst report W Boston- 11- Reqst inform rel change 11/8 MI 11/23 W W MI 11/9 W W
593902	11/9	To Comd't's- Destrs	Gives Radio compass equipment on destroyers and light mine layers Gives policy outlined and effective for all destroyers W
CARD 133	12/29	CO BELL 11/29 W NY lists compass apprs installed on board NOA & HULBERT 12/1 W Atl. Destry- Report on radio compass equip on various destroyers. 12/2 W Atl. Destry- 12/7 W.	To Des Squad Atl- Pacific- Asiatic Fleets- Gives inform- instrns rel 11/12 CO ISHERWOOD 11/22 W Atl. Destry-fwds reports on vessels listed 12/5 W

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.	
595028	11/7	-hila.	Fwd special report on consideration pertinent to operating of radio compass equip on large metal hull vessel. W.	876
✓ 594484	11/10	To Operas	Improved design of type SE 1440 Radio compass Receiver Request detail of Destroyer for Test W	
✓ 595825	11/9	Ware Isl.	Calibration of radio compass on board SCHLEY & CHARLIE - reports cov W.	
✓ 596472	11/12 11/18	Atl. Battleship Force Co communications	Fwd reports from CO WYOMING rel to radio compass bearings. W Fwd Dir Communications 11/30	
596501	11/10	MI	Request supply of compass forms be furn	W.
✓ 596001	11/19	To Phila RE 1/20/22	Long Wave shore Radio compass Request inform rel W To Phila Request estimate be furnished 3/31	
✓ 595996	11/19	To Phila	Development of model radio compass turning unit - Request no further work be undertaken W	

Number.	Date.	From or To--	Subject.
591341	10/22	To Annapolis	Fwds cc Radio compass Bulletin W To 9 Dist. Radio Bulletin 10/22 To Phila. Dist. Radio Bulletin 10/22 Radio school Great Lakes 10/25 9th Dist. 10/31 W
590281	FROM CARD 130		
	Folly Island-10:26-W		Washn. 10/24 W.
	Cape Elizabeth-10:25-W		6th Dist. 10/24 W.
	Pensacola-10:27-W		1st Dist. 10/24 W.
	GO L. N. GLEY-10:28-W		6th Dist. 10/24 W.
	Han Rds-10:28-W		4th Dist. 10/24 W.
	Cape Hatteras-10:25-W		W. Head City 10/24 W.
	Pointers Hill-10:26-W		1st Dist. 10/25 W.
	9th Dis-10:24-W		5th Dist. 10/24 W.
	Port-10:25-W		Montoloxing 10/25 W.
	Nor-10:27 W		7th Dist. 10/24 W.
	Grand Isl. Comp Sta. 10/24W		Key West 10/24 (2) W
	Atl Control Force-10:29-W		Phila. 10/25 W.
	CO MASON-10:29		Anacostia 10/25 W
	CO PRABLE-10:29		Fire Isl. 10/25 W
	12th Dis-10:29		Key West 10/25 W
	CO 11/14/21-10:29		Cape Codcut 10/25 W
	DCS 12th Dis-10:25-W OVER		8th Dist. 10/24 W.
	Fwds Washn 1/27 W		9th Dist. 10/25 W.
592491	10/21	Maro Isl.	Price's Lock Comp Sta. 10/25 W.
			Calibration of radio compass on RAMSEY LAMBERTON WALKER & HAMILTON-Fwds Romas.
591647	10/25	To Wireless Improvement Co	Re Request information as to whether or not Yr company manufactured Radio compass equipment for a foreign Govt - W S
	To-- Request cooperation on 11/2		Wireless Imprvt Co.- Inform rel to compass systems manufd. 11/26 W
	Wireless Imprvt Co. 11/5 W		To Wireless Imprvt Co.- Mails request letter 11/1 W
593601	10:31	Phila	Fwds special report relative to operation of radio compass equipment on large metal hull vessel. W

[OVER]

4-3381

Number.	Date.	From or To--	Subject.
✓ 586640	9/20	Phila SEE CARD 146	Fwds beneficial suggestion of W. C. Ellis covering method for obtaining complete signal extinction. W. To V. A. Ellis. Fwds a smooth draft of spec'n for improvement in radio rect. systems. 5/16 To SEA- Gives info re checker.
✓ 587585	9/27	Bur Stand Fabr. n	Comments on possible reduction of resistance on radio compass coils. W.
587223	9/29	To Anacostia	Assignment of Radio Research problem- Gives info re W.
✓ 587830	9/15	Paxl Harbor	Rest set of standard plans of radio compass inst'n on Destroy. W. To P. A. Gives action 11/5
588122	m 9/26	MI	Fwds calibration reports on radio compass installed on destroyers listed. W.
585169	FROM OVER		Boston- 9/28 Receiver recd. W. Phila- Request ship order number be turn. 10/3 W To Phila Gives info 10/7 Worf- Recommends SE 1440 receivers in compass stations be replaced with SE 1440-B. 10/10 W. L. L. - Recommends re-design of 1440-A receiver be adopted as standard for compass receivers. 10/14 W. 898 To Boston- Quotes from report received from staff 10/20 To Boston- 1/1 Boston- Report on further test. 1/23 W To SEA- C. L. L. 1/20

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
577426	7-29	To S&A	Request shipment of radio spares from Phila to Great Lakes. W 8322 RB 9/15 W
		To 9 Dist - will not ship radio equipment 9/15	Shipt from Phila to L.O. 8320 7/29 RB 9/19 W
		9th Dist - work will be completed by 10/25 W.	Shipt from Phila to Mori 7/29 8310 RB 9/21 W
		To Main - Hy's letters 1/10/22	Shipt from Phila to M.I. 7/29 8323 RB 10/3 W
		Chan 3/3 W	Shipt from Phila to Pens 7/29 8321 RB 3/11/22 W
			Shipt from Phila to Key West 7/29 8312 RB 3/11/22 W
			Shipt from Phila to Boston 7/29 8308
			Shipt from Phila to Bost Sa 7/29 8324
			Shipt from Phila to Chan 7/29 8311
			Shipt from Phila to N.Y. 7/29 8309 RB 8/24
			Pag. Sa. 8/12 W
			Pag. Sa. 8/12 W - Request express del of 2 sets of spares. 8/29 W
			To L. and (T) Shipt being expedited 8/30
			Gr. Lakes - Ask probable dates of shipt 8/26 W
			To S&A Request shipment of spares from Phila to Pag Snd 8/23 9/2
578419	7/25	Pac. Flt.	Copy of letter to Force commanders giving policy rel. to use of radio compass on board ship. 7/25
			To Pac Fleet 8/13
580158	8-12	To Comdt Mare Island	Request info rel grounding of ALASKA near station BUREKA W
			MI - Steam ship BULASKI not furn bearings 8/29 W
573434	8-16	To Comdt Boston	Radio compass station SURFEIDE transfer of bidg to Navy W
580497	8-17	To Comdts	Fwds bulletin W
			MI - 8/29 W
			Pag. Sa. 8/15 W
			To Pag Snd - Fwds copies of Bulletins 6/28

DIRECTOR

Number.	Date.	From or To	Subject.
580498	8-17	To Operations	Assignment of two destroyers for calibration on Atlantic Coast W To Operations Gives Action- 9/1 cc Dir Comm Operations- Copy letter to Atl. Fleet rel to assigning Destroyers to calibrating compass station. 9/2 W. 919-1 Operations- BRECK & ISHERWOOD designated. 9/12 W
581749	8/20	D.N.C.	Radio compass- specim drawn up by Bur Standards- fws. W. To Bureau of Standards- 8/22 acknowledges W
583443	8/30	Phila.	Fws special report on design of radio compass equip for battle ship service. W.
583412	9/7	To Phila	Rel report of tests and calibrations aboard OHIO AND PENNSYLVANIA W Phila- fws special report on calibration of compass instrn on board PENNA. 9/30 W Phila - fws report on battleship radio compass. 10/24 W
583413	9/7	To Atlantic Fleet	Calibration of and instrn bulletins for W
583414 9/7		To Boston	Report progress of radio work W
584286	9/6	D.N.C.	Fws pamphlet on automatic recording of radio compass bearings designed by Hydrographic office. W. Rel Hydrographic officer Washn- 9/29

D RECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
571252	6/22	N.Y.	Progress report on instln of coast guard control lines. W.
571725	6/27	Dept	Wds beneficial suggestions from W. G. Ellis Radio abortn. at Phila. cov method for obtaining complete single extinction at two minimum points in radio compass operations. W. Awd Sac 7/12 RB 7/14 Wds Dept 5/5 RB 5/9/22 W.
571989	6/27	Phila.	Wds radio compass bulletin cov instrns for calibration of naval radio compass ship stations. W.
576775	7-5 To Phila 7/27 Calibration of compass completed 8/22 W	To Phila	Radio compass- radio resch problem 40 A battleship radio compass. W To Phila 7/7 To C CO OHIO 7/7
573322	6/27	Commander A.B. Clements	This removed pamphlet will be used in the future to post up in the office of the line of depending on radio compass. W
573322	7/1	Reg St	Wds radio compass bulletin cov instrns for calibration of naval radio compass ship stations. W
574389	7:9	5th Dis	Suggests co-operate with Bache in off shore hydrography in vicinity of Chesapeake Bay entrance- also calibration of compass stations. W

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
573287	7-12	To Comdts	In re measurements of radio compass coil constants.— fwsd bprint. W Chasn. Print recd. 7/26 W
573842	7-13	To S&A	Request shipmt of coil system from Phila to Amagansett W 8114
573849	7-14	To Comdts NY— No type 515 compass in store 8/25 W. Boston— Ask if parts should have been invoiced at low cost. 10/31 W To Boston modification of compass 11/10	Special instructions for modification of type 515 compasses W Norfolk Gives diameter of shaft. 7/27 W Chasn. 7/25 W. Key West 7/27 W. Norf— Request prints. 8/3 W To Norfolk 8/9 W To Key West 8/16 To Norfolk 8/16
575855	7/23	To M.I. Tel	Asks rel insulators for shipment to Annapolis Darlen W MI— (T) 100 porcelain rods in stock. 7/27 W
576585	7-24	To CO PENNSYLVANIA	Radio compass inspection and test of radio compass equipment by Mr Shalcross W copy Atl Flt and Destroyer Force Newport ROCHESSTER
577339	7/26	Phila.	Fwsd special report on measurement of electrical constants of radio compass coil system in 4th Dist— also report on details of undampd driver in use at Phila. Radio Labr W

DIRECTION FINDERS

1921

Number.	Date.	From or To	Subject.
559845	4/19	Pug. Sq.	Reqsnt 12 descriptive booklets cov Navy radio receiver be furn. W. Washington 5/13
13910-195	3/31/21	Eng Comdr. N.Y. Phila	Radio Compass-nSubmarine ball- Receipt of signals from by Radio Compass
13904-195	3/30/21	Eng-C-in-C Asia	Radio Compass Equipment.
552316	5-9	To Norfolk T	When will destroyer complete radio calibration compass stations and proceed next district W
563282	5-13	To Phila	Fwds galley proof of bulletin 3b W Phila- Fwds galley proof of radio compass bulletin. 5/26 Y
564567	5/17	Phila.	Radio compass defect and remedies- fwds bulletin covering. W.
564876	5/20	To Anacostia	Lists research problems- priority of radio compass. W
565345	5/14	Pacif. Fleet	Circular; ship radio compass operation instructions covering. W.

DIRECTION FINDERS

1921

Number.	Date.	From or To--	Subject.
565816	5/21	Chasn.	Request instrns cov instlns and wiring of compass coil and switch- W. To Chasn- 5-31
565795	5-26	To Washington	Reqt for vandykes and copies of drawing W Washn- Vandykes fwded to Bureau- 6/7 W
566130	5-31	To Comdt Phila	Fwds bulletin, radio compass- W Phila- fwsd pass proof of radio compass bulletin 5-B- 6/21 To Phila- 2/23 Application of bulletins 7/4/23
569377	6/11	E. N. Jenckes Jr.	Request reports on recent instlns of radio compass. To Springfield Republican- fwsd copy- 6/24
570000	5/15	Boston	Request inform rel to policy of bureau regarding radio compass calibration on board ships- W. To Boston 7/19
569585	5-15	To Naval Academy	Fwds copies of radio compass bulletin W
569598	6-17	To S&A	Reqt shipt of radio compass equipment In Phila to fwsd Sd W 7854 Sd to fwsd Sd W 7854
569991	6-21	To Comdt Boston	Reqt info rel method of screening W RB 6/29 W
569990	6-21 To Comdt Boston- 8/17	To Atlantic Flt	Calibration of vessels of destroyer force W Atl Fleet- Rpt of destroy force 8/8 W To C-I-e Atl Fleet Cives Action 9/23

DIRECTION FINDERS

1921

Number.	Date.	From or To--	Subject.
✓ 554566	3/29	??	Copy of letter to Hydrographic Office in conn with amending paragraph published on North Atlantic and Pacific Coast pilot charts. W
555862	3/15 3/31	CO BUFFALO MT	Rel to report of radio compass equipt and calibration of. W. To Phila Gives instrns re metal ic loops cc CO 4/20 No decal on land. 3/14 5-28 CO BUFFALO - rel operation of radio compass Radio compass equipment. W
6-13901-398	4/8	To Comdr-In-Chief U.S. Asiatic Fleet	
554122	4/8	To S&A	Regst shipment of amplifier from Washn to Phila 6877 W RB 7/20 Phila- Request expedite shpt of instruments. 6/7 W To Phila 6/20
✓ 5 56202	4/9	To Phila	Regst two copies of radio compass bulletin be fwded Dist Comm Supt 9 Dist W cc 9 Dist W
557266	4/8	Pug. 3d.	Fwds calibration data, ORLOLAN IREQUOIS and Eagle 57. W.
557678	4/5	Radio Labr Phila.	In. filn of radio equipt on Naval vessels- Subm bulletin covering. W.
556839	4/16	To Phila	Fwds Radio compass data W Phila- Returns report. 5/25 W

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
558364	4/12	Pug.Sd.	fwds radio compass reports, Destroy Div.22 W
557889	4/18	To CO Pensacola - Bt NY Comdt Key West - Chase Chase - gives location of coil house at Folly Island - 7:9 - W To Communications 7/25	Reqst Longitude and latitude of Radio Compass Stations at Folly Island be fwded W RB 5/2 W may W st 4/22 W Chase - gives location of Tybee and Folly Island compass stations - 4:25 - 7 To Commun - gives location 5-5
559610			Fwd S&A re Fibre Gaskets W 4/25
560592	4:18 4:25	H.B. Joy Dept	Request information as to who mfgd radio compass equipment. C
531589	4/28	To Comdts Navy Yards	Reqsts measurements of radio compass coils be measured. W
560980 ₁	4/29	To Phila	Reqst that press proof of bulletin be proof read - gives in C&R - W C&R - Copy action to Phila. 5/10 W. Phila - Fwds proofs and bulletin with illustration. 5/11
559845	5/2	To Washn	Pug 3rd reqstd of of descriptive booklet W

DIRECTION FINDERS

1921

Number.	Date.	From or To--	Subject.
550513	3/8	Nav. Intelligence	Brazilian Naval Attache reqst bulletins prepared at Phila. To Dir Intelligence pub will not be delivered for months 3/18
✓ 550755	3/9	Dept	Subm report on results obtained with radio compass on board UTAH. W. To Opers Reqs of test 3/23
550288	3-11	To Phila	Remodeling to SE 1440 A receivers SE 1440 W Shpt order from Washn to Phila sound 3/12 6568 33 5/17
550986	3/10	Bur Stand. Labr.	Subm report on composition of radio compass. W To Phila fws report 3/22
✓ 550895	3/10	Boston	Request blank forms cov plotting sheets radio compass Division. W.
551981	3/11 3/17	Exisco Com. Supt. Communications	Fws graph showing radio compass bearings of static for month of February. W.
552340	3/17 3/18	Boston Nat Dist.	Use of Appledore Station -reserve problem 103 cov Bellini Tosi experiments and assignment of GREBE for proof work. W.
✓ 552378	3/3	Pearl Harbor	Request standard plans cov relocation of radio compass on destroyers. W. To P H fws print 3/25

1921

Number.	Date.	From or To--	Subject.
551208	3/19	To S&A	✓ R eqst shipmt of app from San Diego to SO MI 6669 W RB 6/29 W MI- 3/28 W
552501	3/21	To Washn	To MI Gives Inform 4/8 fwd S&A 6/22 RB 7/15
	To Wash 5-18		Reqst further comment and recomdn for improvement to be submitted re defects in receiver W To Phila Reqst commend & Recomdn 3/21 Washn- Comments on defects- 3/29 W. 2/23w Phila- Subm comments requested. 4/6 W fwd Washn 4/15 RB 5/12 W Phila. 3/22 W. To Phila; Reqst. form 3/28 Phila. 4/11 W.
512012		FROM CARD 118	
553540	3/24	Boston	Proposed corrections to radio compass inform published on pilot charts- recommendations covering. W. To Boston Gives. inform 3/26 fwd Comm cc Boston 3/29
552416	3/15	Atl Des	Copy of telegram to Des Squadron 14 and 496 is directing des engage in calibrating compass station be relieved when they have been on duty one month. W
554116	3/29	To Boston	re investigation of the improvement of Des radio compass; Reqst inform W
Boston submits suggestions-4;7-W			To Boston Reqst sup cc of let be fwded 4/21 RB 9/24 W
To Anacostia 5/20			

DIRECTION FINDERS:

1921

Number.	Date.	From or To--	Subject.
543988	2-4	To Intelligence	Fwd data in compliance with request for info to be furnished Spanish Government W
544611	2-8	To Boston	Assignment of radio research problem 103 "Investigation of method of reducing deviations as encountered at radio compass stations" W To Anacostia 5/20
544620	2/1	Naval Academy	To Naval Acad. - will be furnished when completed. 2/8
544622	2-10	To Boston	Assignment of problem 104- W To Anacostia 5/20 To Boston 6-17
546312	2/12	Communications	Car. and Antenna 2-12-21 Fwd Int'l 2/21
547094	2/8 2/14	Pensacola 8th Dist.	Reports on radio compass calibration by means of a dirigible. W. To Pensacola 2-26
547028	2-19	To N.Y.	Calibration of HADDOX- radio compass W
547039	2-21 To Nav- 6-24	To Y&D	Radio compass calibration surveys transits To S&A 2/21 To Nav 2/21 Navigation- 10 transits in store. 2/28 W. Y&D- No transits in stock. 3/3 W. S&A- 3/16 W Navigation- Fwd one Surley transit 6/30 W

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DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
547909	2/17 2/21	Chf. Electrician I Manuel 1st Dist.	Fwds copy of drawing giving suggestions to obviate usual collector erections on radio compass. W. To Comdt 1st Dist 3-11
548712	2/25	J. M. J. Pollard	Request inform rel to theory construction of radio compass during war. W. To J J Pollard 3-2
540375	FR OM CARD 122		
	CO JASON 4/1 W.		Pacif. Train 2/17 W.
	Pacif Destry 3/24 W.		BB BALTO 3-5
	CO ZANE 3/24 W.		CO ARIZONA 2/24 W.
	CO R. L. BARNES 3/29 W.		CO DELAWARE 3/3 W.
	Pacif Destry 5/31 W.		Shipping Dept 3/10 W.
	Pacif Destry 6/29		CO SCHENCK 3/7 W.
	CO R. L. BARNES 3/29 W.		CO MAURY 3/15 W.
	Pacif Destry 5/31 W.		CO ST LOUIS 2/19 W.
	CO R. L. BARNES 3/29 W.		CO ROBER 3/15 W.
	Pacif Destry 5/31 W.		CO HART 3/10 W.
	CO R. L. BARNES 3/29 W.		CO POMPEII 3/18 W.
	Pacif Destry 5/31 W.		CO AJAX 4/15 W.
	CO R. L. BARNES 3/29 W.		To Pac Fleet 5-6
	Pacif Destry 5/31 W.		To Atl Fleet 5-6
	CO R. L. BARNES 3/29 W.		Atl. Destry. Just addtl copies of form. 5/13 W.
	Pacif Destry 5/31 W.		CO EDGALL 5/19 W.
	CO R. L. BARNES 3/29 W.		CO KENNISON 5/17 W.
	Pacif Destry 5/31 W.		Pacif. Air. To be— Just forms Le furn. 5/16 W.
	CO R. L. BARNES 3/29 W.		CO BODGES 5/18 W.
	Pacif Destry 5/31 W.		CO WARD 5/16 W.
	CO R. L. BARNES 3/29 W.		CO BUKIS Just report forms be furn. 5/17 W.
	Pacif Destry 5/31 W.		CO ARRIVAL 3/21 W.
	CO R. L. BARNES 3/29 W.		CO WELLES 5/25 W.
550367	3/8	Radio Camps America	Fwds papers in case of Clark & Allen on radio compass correcting devices. W. 596.

1920

4—5381

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
540320	1/13	Enila.	Copy of elephone conversation in conn with measurement of accidental loss the carriers for Betty's Beach, compass station transmitters at Manoloking, etc. W.
541432	1/14	POCS	Evds chart showing radio compass bearings and static for 30th of December 1921 W.
541937	1/20	Anacostia	Research Problem 76-B- aircraft, radio compass for model Sea, lanes- contents in. W.
13769-195	1/12/20	O.N.I.	Method of Direction Finding by W. H.
540375	1-25	To Comdts IM's Inexp CO's Ships.	Reqt enclosed form be filled out in deal for all vessels equipped with radio compass W BAGADUE NY RB 2-2 RB Orion 2-28 CD RINFIELD 1/31 W. In exp. 2-4 W. To Insp Cramps 2-8 RB Chas 2-7 No. RB Harf 2-11 RB Kalk 170 CHASN 2-17 radio compass h-use. cons to type plan of
TO CARD 123	1/12	To MAURY Chas 2-14 Mars 31. 2/10 W. Board RAPPANHANNOCK 2/15 W. To M.I. 2-21 San Pedro Spn Base 2/11 W Quantanamo 2/14 W. Chas. 2/17 W	
543461	1/27	Boston	
543214	1/26	Nav. In	Japanese have secured large order of direction finders thru wireless Imp Co NY & W.

DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.
532163	11:30	Nav Int	Fwds manuscript on article "Test of Radio Compass Shore Stations" by Lieut. H.C.D. Hunter--ask if any objections to publishing. W To Nav Intelligence 12/6
532162	11:30	Nav Int	Wireless Improvement Co have just completed large orders wireless compasses for Japanese Navy. W
531589	12-1	To Phila Phila- Fwds bprint & wiring measurements of electrical compasses To Anacostia 5/20	Radio compass; constants of radio compass coils, determination of W To Buil 12/1 To Boston 12/1
532090	12-2	To Washn Coast Guard	Fwds copy of cal curves as installed on SERECA W
532353	12-4	To Comdt Phila	Fwds bprint, radio compass W
533255	12/6	CO OHIO	Subm report on problem 9 cov battleship radio compass. W.
533274	12-9	To Comdrs Y&D IM's Y&D- Fwds report from Chan. with print giving details of screened grounding. 12/21/ W To Puget Sd 1-18	Radio compass type plan for all shore radio compass stations fws vandyke copy of drawing W Comdr 12/14 W Key West 12/15 W
532097	12-9	To Comdt Phila	Reqst for vand Kes and prints W Phila- Fwds various prints. 12/16 W
531604	12-10	To Comdr IM's Fug. Sd.-Copy- Rst compass dials and comm. setting condensers. 5/23 D To Comdt Puget Sd 5-28	Fws drawings, showing design of SM 515A radio Key West 12/15 W Comdr 12/17 W To 9th Dist 1-25

919
DIRECTION FINDERS

Number.	Date.	From or To--	Subject.
534510	12/7	Mare Island	Copy of letter to Dominion Meteorological Service stating no test of radio compass apparatus has been made on West coast. W.
534816 sec	919-1		
534814	12/14	Paila.	Copy of telephone conversation in conn with Yarn furnishing shore radio station, compass unit. W.
535170			Copy of instructions rel to radio compass calibration. W.
535215	12/16	Y&P	Copy of endorsement to Phil. in conn with completion of work by 17/1/21 and submission of weekly progress reports. W.
535527	12/11 12/17	JO Navigation	Show results of radio compass bearings from ports to West. W. Ed Comd 1/21
535379	12-18	To S.A	Request shipment of trans and rec equipments from CR to San Domingo City W To - request amendment of airt order of 12/18 12/20 To S.A West Coast of Water from Washn to Harp Has 5875 12-27 RB 1-13
536087	12/23	Boston	Recommend 5 Hook absorbers be installed on amplifiers on board Destroyers. W.
	Inspr FR-1/20	W	To IM's Comdts Inspira 1-17-21
536336	12/24	Boston	Recommendations rel to changes in radio compass shown on airt order, Mic Bulletins. W. Ed Comd 12-29 RB 7/26/21. W.

DIRECTOR'S FINDERS

1920

Number.	Date.	From or To—	Subject.
521656	10/7	C&R	Copy of endorsement to Phila. approving modification proposed for radio compass house, for Destroyers. W.
522016	10-11	To Desty Flotilla B At Ft Hamp Rds T Desty Flot-10/11 (1) J. CO Copy- Vessel will report to 1st Dist. 10/16 10/15 W	Instructions for calibration radio comp stations to be obtained at yards upon reporting to Comdt Dist. what date will WM B PRESTON report Comdt 1st Dist Destroyer Flot- 5- (2) Request mail instrs to JC. W. for calibration of in Atlantic Districts. 10/10 W.
522272	10/12	To Boston T	Fwd data necessary for calibration of destroyers W to Chas T Rel active taken 10/12
520026	10-1	To Comdts IM's	Submits minutes of radio compass conference held on Aug 19th and 20th. W
522994	10/12	Phila.	Subm minutes of radio compass conference. W
522887	10-16	To Dir Commun	Determination of the direction of origin of static radio compass stations W Communications- Fwd copy of circular letter in com. with. 10/21 - W.
523991	10/18	Fora C&R made prints showing method instn rigging insulators. 11/11	To For 8-3 Request instrns rel to insulation of rigging of radio compasses for Destroyers. W. and C&R 10/20
520972	10/4	Sturtevant and Mason	are willing to disclose subject matter of letters patent of Spt. J. Robinson improvement in radio direction finder. W

896
89v

DIRECTION FINDERS

1920

Number.	Date.	From or To—	Subject.	
525443	10-8	To Phila	Re: st inform re radi research problem; radio compass W.	
			Phila.- Fwds special report. 11/5 W.	
525732	11-1	To Lt. Russell, via Comdt 3rd Dist	Comments on letter re patent application on radio compass having direct reading scale and other features. W.	
527206	10/16	Boston C. py	W. B. PRESTON will assist in calibration of radio compass stations in 1st Dist. W.	
528266	11-11	To Comdt Boston Tel	Advise if practicable to calibrate stations 1st Dist and other districts with GREEN thereby making PRESTON available for other duty W.	
528253	11-12	To Washington	Boston. J. H. Preston. PRESTON to be turned over to 1st Dist. for calibration work. 11/12 W. Re: st. of condenser for use of station Jupiter. W.	
455622	11-16	To Anacostia	Re: st. specific and drawings for radio compass coil, for bearings on battleship up to 150 miles distance. W.	918
531236	11, 23	6th Dis	Report with print of radio compass bearings of static. W. cross to 303	
531307	10/30 11/28	Forls. LOR	Re: st. inform re to practice of station in the vicinity of radio compasses of station listed with the CER 12/30 W.	

DIRECTION FINDERS

1920

Number.	Date.	From or To	Subject.
518011	9-21	To Operations	Radio compass stations Atlantic Gulf and Pacific Coasts, calibration of- reqstg destroyers for this duty W Dept- Destroyer will be detailed. 9/27 W
518150	9/18	Bo ton	Request 9 new coil frames of standard design be authorized for instn at radio compass stations in this Dist. W. To Boston 9/29
518431	9-24	To Washington Signal Corps	Reqst all info covering experiments with Cohen type of compass be furnished in order to avoid duplication of research work on this problem. W To Anacostia 10/22
286224	FROM CARD 105		Phila. 9/25 W. Phila. 10/1 W. Phila. 10/18 W. report. 10/6 W. Phila. 10-30 W. Phila. 11/15 W. Phila. 11/15 W. Phila. 11/24 W. Phila. 12/4 W. Phila. 12/11 W. Phila. 12/21 W. Phila. 12/27 W. Phila. 1/8 W. Phila. 1/12 W. Phila. 1/17 W. Phila. Weekly report. 1/22 W Phila. 2/4 W

DIRECTION FINDERS

Number.	Date.	From or To--	Subject.
520529	9/30	Phila.	Confirms tele. cons. conversation in conn with status of printing radio compass bulletins and appointments of radio aid at compass stations. W.
520656	9/20	Airship Detch. England	Request \$2,000 be allotted for carrying out experiments in conn. with development of radio compass direction finder for S-38 To X-2 Sire T 10/7 3-13-38 Div. Encl. and Subm report of expenditures under allotment Aviation 1921 918-804-21. D.7/5
520755	10/1	Anacostia	Fwds radio and magnetic compass calibration curves on board aircraft. W.
520827	9/21	Pensacola	Fwds photos of Fleet balloon basket equipmt with radio compass cell, with comments on test. W
		Pensacola Suggested method rel to plotting position by radio compass. 10/11 W.	To operations via Nav 10/6
		To CC COSTIA 11-10 RE 11/15 W	To Anacostia 10/6 RB 10/9 W.
		To Pensacola 11-10	Fwd Pensacola 10/12 R. 12/17 W.
521206	10/7	And Anacostia 12/21 RB 12/29 W	To CC SACOL 1-10
			Request status of radio compass type from Phila to Anacostia W; RB 10-28; W RB 10-29; W
521213	10 -8 8	To Phila	Request for vandykes of radio compass house assemblable be fwded to Norfolk W Phila 10/16 Sample of radio compass house-fwds drawings. 10/16 W.

DIRECTION FINDERS

1920

Number.	Date.	From or To—	Subject.
512012 TO CARD 124 511027	8-21 8-21 8-21	To Anacostia R. & Lby Report on method for utilizing standard aircraft radio compass coll. 11/11. W. To Phila 2-18-21 To Comdt Boston via Y&D	Reqst undertake development of radio compass designed exclusively for use on dirigibles and giant seaplanes. Problem 81-A assigned covering Phila-Pwas list. 8/3. W Fwds prints and photostats covering recons- truction of buildings to be turned over to Dept. of Coast Guard, in conn with Watch Hill and blg. to be used for station at Narragansett. W com. Hoff.
513918	8/26	Europ Forces	Gives results British test of radio compass in rigid air ships, complete failure; further experiments. W. To Europ For(2) 8-28
514795	8/26	Ware Island	Reqst instrns rel to use of Form 29. W. To LI Gives explanations 11-27
514862	9-2	To Boston	Radio compass- instructions for calibration on ships. Fwds special reports; 11-1; W
514936	8/30	Ports	Reqst instrns for instrn relay with compass equipt on destroyers. W. To Ports. 9/24
514936	8/31	Y&D	Radio Compass house- have issued instrns. 15th Dist/ to eliminate metal roofing. W.

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
515552	9:3	SWALLOW copy	Ed. Horsea on radio compass expedition. W.
515954	9/4	Pug. 3d. [T] No record of ship order. 10/18 To Phila 10/21	Ask when compass will be sent: no record of telegram of the 8/25. W. Pug. 3d. (T) - 3d. 3d. compasses and indicators not available at York. 1/10 To Phila 3d. (T) 9/9 To Phila 3d. (T) 9-27 Recommend change in plans for radio comp To Phila via C&R recs 9/20
516234	9/8	Phila.	
516273	8/23 9/8	Radio Corp.	Request loan of rotary tone condenser from compass outfit. W. End 9/16
515875	9/13	To Norfolk	A paratus listed in change of exterior sheet of 8/27 should be surveyed as obsolete W
517154	9-14	JUPITER (copy)	Sub chaser inadequate: request destroyer tug from Charleston for calibrating com- pass stations: W To Ke, West and Jupiter (T) 9/15
517440	9-17	To Bur Standards	Problem 8 B completed. W
515827	9-10 To Phila 10/4	To Phila	Make report on radio compass research problems 909. Phila: can submit report by Oct 15; 9-15, W Phila: lvs special radio report on under- ground radio compass; W 9-24;

DIRECTOR FINDERS

1920

Number.	Date.	From or To—	Subject.	
508274	7-29	To Director Nav Int	Reqt translation of report RE 9/9 W.	W
~~508495~~	~~7/27~~	~~Ports.~~	~~Illustrations of extra load in wireless radio comms on destroyers listed- sub. utilizes. W To Ill Ports- Gives list of work appd with comment 8-5 Ports 8/16 W Dist. information rel to wireless radio in use of radio direction finding in navigation. W~~	
508369	7/28	Post Off. Dept		
508289	7-31	To C&A	Reqt script of 2 gas engine units from Norfolk to Chas. 8/11 3968 RE 9/11 W W Norf- Request letter of 8/11 be disregarded. 8/13 W	
508934	7/24	Anacostia	Possibilities of long range radio compass tests corrected curves on Annapolis and New Brunswick with detailed reports comments Anacostia- Supplementary report. 8/10 W.	cov. W
509967	8/3	Nav Intelligence	Fwds copy of article rel to wireless direction finding apparatus appearing in "Engineer". W	918
510433	8-11	To Comt Phila	Radio compass installn on destroyers. Reqs info covering. W Phila- Report on issue. 8/20 W	
512022	8-19	To Phila	Assignment of compass coil systems for destroyer ~~installation~~ installation. Reqt subm list W	

DIRECTION FINDERS

1920

Number.	Date.	From or To—	Subject.
510428	8-10	To Comdt Boston	Comm lines for radio compass station. Recd report covering cost of leasing from Coast Guard 13 to Ports. etc. W Boston - Sub. Recd. 8/21 W To Communications 5/20 copy Boston and Ports.
510432	8-11	To Comdt Boston	Reqst info re type of radio compass install on destroyers listed 8 Boston - Gives type of radio compasses installed on various destroyers. 8/25 W.
511600	8-17	To Dept Commerce Dept of Commerce 1. 8/17 W Y&D - Copy of action to Post. 10/19	Reqst permission to build radio compass buildings at lighthouse reservation at No Truro Mass and Capt Elizabeth Me. W Dept of Commerce - Will advise later date. 8/23 W Dept of Commerce - Authorizes constrn of stations, North Truro and Cape Elizabeth. Fwd's prints. 9/28 W To Comdt Ports 10/14
511028	8-18	To Norf via Y&D	Reconstruction of Coast Guard building at Poymers Hill and Cape Lookout. Fwd's spec's and drawings covering. W
505029	FROM CARD 118		Y&D - Copy of action to Norf. 8/19 W. Norf. 8/19 Acknowledgt. 8/19 Y&D - Copy of action to Norf. 8/21 W
512803	8/14	Phila	Confirms telephone conversation in conn with radio of radio compass condensers.

1920

4-2361

Number.	Date.	From or To—	Subject.
500883	FROM CARD 115		Chas. (T) - Reply mailed 7/7 W. 7/10 W. Communications- no runner available at present. 7/12 W. To Operations. rel calibration of 7/16 con Com
505494	7/12	Pensacola	Pres report covering first operations of NC-2 in asst radio compasses. rwd Comm 7/21
505245	7-15	To Phila	Radio compass design of model radio comp unit. Request undertake for use shore stations and destroyers W Phila: submits recommendations covering new unit: 11/1: W To Phila 11/6
506074	7-20	To Operations via Communications	Radio compass stations, permanent assignment of destr. or in comm. lth. W
505975	7-26 To Comdt Washn ap. vi 11/23 Washn: 12/1 W.		Radio telegraph problem 107 class C improvements in design of type SS 1515 radio compass coil systems. Request subm To Washn. London/t of instructions 8-9 Washington, Pres print showing improve to radio compass, 11/15 W. Calibration report.
507732	7-9	Pensacola	

919
DIRECTION FINDERS

Number.	Date.	From or To--	Subject.
587696	10/1	To Norfolk	Description of Receivers-- Gives inform rel W
587696	9/30	To Chama	Rel calibration of destroyers-- Gives instrns W
588422	9/28	MI	Fwds report on calibration of compasses on KILTY BURNS SHIP & TAT. ALL. W. 12-1-2 315-2 12-2
588566	8/17 10/3	5th Dist/ Communications	Fwds table of comparisons, radio directions, with true directions. W. 7-7-
588164	10/5 N.Y. 12/9 W	To Communications	Reports of poor bearings Stations in First and Third Dists-- W
Recommendations are trans along Coast to be inspected. 12/16 W		To Boston- 9/19-1 Comm-fws copies of replies from 1st and 3rd dist-10:29-W	Reports of bearings 10/5
588663	10/7	To Phila	Conference will be held in Bu app- Smp rel the 2 mm radio compass. Request Radio Lab operator W G Ellis be directed to report- W
578779	10/5	Pug. d.	Rest instrns rel to calibration of compass on vessels prior to departure from yards 914

1921

Number.	Date.	From or To--	Subject.
590008	10/11	Ports	Request copies of radio compass bulletins be furnished. W.
590147	10/7 10/13	Atl. Battleship Force Communications.	In conn with vessels of force using radio compass bearings. W.
590276	10/11	Chasn.	Request copies of radio compass bulletins be furnished. W.
590567	10/12	MI	Fwds report on calibration of compass on PALMER WARD CLAXTON & THATCHER. W.
590211 CARD 131	10/20	To Comdr. Naval Districts- Stations Co's Air Stations Am. Gansett 10/22 W	Fwds cc of Radio compass bulletin W Washn. 10/21 W 3d Dist. 10/24 W. 4th Dist. 10/24 W. Phila. 10/24 W.
590222	10/20	To Fleets-	Fwds cc Radio compass bulletin W Fwd Washn 11/10 Europ Forces- 11/24 W
590223 CO 143	10/20 BABBITT- 11/8 W. To CO PALCH- gives inform rel bulletin 12/10 Forces- Acknowledges receipt 11/29 10 17	To Cols Fed. Tele. Co.	Fwds cc Radio compass bulletin W CO CARD 10/31 W Atl/Destroy 11/1 W CO DAY DR 11/1 CO DAKOTA 11/1 W Fwds circular describing a Kolster radio compass and position finder. W.
591994			

DISPOSITION OF REQUESTS

1121

Number.	Date.	From or To—	Subject.
496107	5/24	orts.	Details of installation of radio compasses - request list of covering
496641	5/27	Akron	Goodyear Co. request inform rel to radio telegraph set suitable for use in a small airship.
497070	5/28	Phila	Proposed alteration in coil system of radio compass. Swds ppints. To Phila 8/27/18 8/8 And SAA 10/18 11/4 from SAA - W. (RD Camp) SAA - Phila. must manufacture must be issued. 6/29 W
497104	5/26	Boston	Recommends suitable standard form for plotting of radio compass curves be issued.
497855	see 919-1		
500883	6/19	Dept	Request comments on calibration of radio compasses on board destroyers at Chas. W.
TO CARD	Chas. 7/7	7/9	To SAA 8/27/18 8/8
116	McCasn. 7/7	W. And Washn 8-4	To SAA 8/27/18 8/8
498486	6-21	To Operations	Dept. 6/15 Dept. request action 7/6 W Sinking ship for deviations of radio compass on 8/15 (relativ) than air and lighter than air- Request suggestions as given by inc. 918

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
499565	6-18	To Navyn Fleets	Deviation curve form 39- radio compass.
TO CARD	Chasn. 6/28	Comdts 1st S	These forms now available for distribution
116	And Washington 7/2		and all vessels under battleship, cruiser and
	Ports 7/1		destroyer classes to be equipped with radio
501291	And Wash 7/8	And Wash 7/7	compass, which apply for supply of same
	Sec 919-1		1. Y. - 6/28
			New Or n. 6/28 W.
502423	7/2	To S&A	Request shipment from Wash to Norfolk condensers W
502422	7/2	To S&A	Request shipment from Wash to Phila condensers W
502424	7/2	To S&A	Request shipment from Wash to Cham condensers W
503275	7/2	GO OHIO	Long range compass- report covering.
503447	7-1	13th Dist.	Publ's questions and criticisms rel to
503154	7/3	C&R	building future radio compass stations.
502991	7-7	To Comdt 9th-10th-11th	And Com 9/25 RB 9/29 W.
	And Sec 7/15		Proposed direction finder installation of
	To Operations.		envelope using bevel gears- 1445 prints.
	Dept- Copy of Action to 9th Dist.		7/10
			Radio compass station sites outlined in letter
			of June 21st authorized. W
			9th Dist- Gives reasons why travel orders
			for S. A. Greengleaf, Asst Insp. necessary. 7/10
			635-4
			9th Dist- Subm information rel to radio
			compass projects on Great Lakes. 7/12 W

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
491262	4/3	New Orln	Obsolete radio compass material at Pensacola request authority to ship to New Orln. To Pensa request shipmt to 1 O. 5/7 60 W Im E.O.
491430	5/5	To Norff. (T)	Bur representatives will be in Norff. 5/10 to inspect radio compass stations. Desire to have Norfolk Island inspected first.
492065	see 919-1		
493380	5/11	Phila	Request radio compass receiver be assigned to radio compass labr. To Ph. auth 5/14
494625	5/20	To S&A	Request shipmt from Phila to Norfolk back coupling condenser radio compass compensators W S 7/8 Canc of shipmt order 7/10
494183	5-21	To Co McKEAN (90) via Comdt Dest Divn 7	Request detailed report of calibration when working in conjunction with McDERMOTT— RB 8/28 W and McKEAN 7/3 RB 8/9 W.
494628	5-21	To S&A	Request shipmt from Phila to Charleston 2 back coupling condenser radio compass compensators W Phila 8/28 W S 7/8 W Canc of shipmt order 7/10

DIRECTION FINDERS

1920

Number.	Date.	From or To—	Subject.	
✓ 494920	5-22	To Chasn (T)	Representatives will be in Chasn Monday to inspect compass stations 6th Dist.	W
✓ 494922	5-22	To Co at 9th Dist	D.H. Shallicross, radio compass engineer will represent Bur and make survey of locations in 9th Dist. in re to establishing of radio compass stations. W copy Direc Naval Comm.	
✓ 494919	5-24	To J.H. Hammond	Reference recent phone convsn. shipping order of C.E. for generator to be used in conn with oscillators on Ohio cancelled. Appr now on board, will fill requirements.	W
✓ 495494	5/21	Anacostia	Elimination of ignition disturbances on radio compass - fwd photos of apprs with comments on. to Operations - Gives detail comment on proposed change in instruments in Aircraft. 5-29 and C&R 7-25	W No 6/12 W
✓ 495599	5/21	Bur Light Houses	Fwd copy of letter to Canadian Pacf. Ocean Service, in conn with radio compass stations on Atlantic and pac coast of U.S. to facilitate operation of Ocean Vessel. fwd Dirce Naval Comm 6-3	W

Number.	Date.	From or To—	Subject.	
486594	4/8	Phila	reliminary instrns for instln of model T radio compass. - fwsd.	W.
486996	4/12	Bost T	Reqst temporary assignment of amplifier for Bellini Tosi compass experiments - W To Boston 4-13 (T) 1605-3 at Boston will suffice for test with compass W	
486098	4-10	To Nav	Fwsd article on radio compass W	
487139	4/7 4/12	3rd Dist Communications	Research problem No. 41 - wave front variations radio compass bearings - submit reports covering - W	
487384	4/13	Independent Wireless	Telegraph Co. fwsd copy of circular which English Marconi Co. is mailing to steamship companies in N.Y. in conn with wireless direct on finding stations. To Independent Wireless Telegraph Co. ack ow receipt 4-17	W.
487168	4-25	To Mare Island (T)	Advise action taken rel housing of compass operators. PT REYES-Sussist. at Coast Guard until permanent arrangements. W Mare Island - fwsd map of point Reyes. 4/5 W.	
477315	4/15	Ham-hds.	Subm information rel to proposed instln of compass coils on air ships.	918

Number.	Date.	From or To—	Subject.
488451	4/17	N.Y	Wave front variations- radio compass bearings taken in conn with study of; subm. W.
384765	FROM 55		To Im Ports- Relocation of A and B batteries- letter of 10-24-19 W 4-21
✓489487	4/23	Naval Intelligence	Fwds French paper on study of field distracted by a cylinder.
489160	4-26	To C-mit Phila	Recd copy of instructions for install care and maintenance of radio compass be fwded. W Phila- Fwds instrn for instln and care of radio compass. 5/1 W

Number.	Date.	From or To—	Subject.	
483193	3/9	Memo for Capt., Craven	Outlines special achievements in re to aviation in America, with detailed comments in re to award.	W
484425	3/29	Boston Copy	DALE can be released 4/1: recalibration of compass stations in first district completed. Boston Copy- Vessel left to calibrate Coast radio stations. W 2/29	
484768	4/3	To Intelligence	Radio compass bulletin L- issuance to Chilean Naval Insp. Rwd	
485506	4/1	Boston	Request 30 vacuum tubes be turn in conn with loop antenna and Bellini Tosi radio compass experimental work. W	598
470836	FROM CARD 108		Phila- Will conduct tests at Cape May. 4/8 W. Phila- Subm report on Experimental works. 4/16/W	

Number.	Date.	From or To—	Subject.	
485475	3/17 4/3	N.Y. SEA	Request authority to transfer to fleet ship Base, 5 radio compass houses. fwd SEA 4-12 RB 4/23 - W fwd SEA 6/25	W.
485497	4-7	To IM NY	Fwds copy of "Direction Finding Tests Conducted on Hills" by Rene Mesny, Prof. of Hydrography, Toulon. W To Comdt V.I. fws 4-7 To Comdt Wash fws 4-7 To Comdt Boston fws 4-7 To Co Anacosta fws 4-7 To Bur Stds fws 4-7 To Comdt Phila- fws 4-7	
485352	4/8	Phila. (T)	Prints and vandykes of preliminary instrns instrn of radio comp mailed 4/7.	
485492	4/7 4/9	13th Dist- Communications	Quarterly inspection re. ort.	W.
486100	4-9	To SEA	Reqst shipment from Washn to Phila radio receivers. W (2115)	
486103	4-9	To Comdt Phila	Will fwd forms later for use in plotting compass deviations.- pending recpt instrns on calibration now being compiled are not to include other forms for this purpose. W	

DIRECTION FINDERS

Number.	Date.	From or To--	Subject.
✓ 479867	3/5	Washington	Request instructions be furnished for operation of receiver and associated compass equipment. To Cdt Phila-reqst pamphlets be shipt to Washn by March 15th. 3/6 To Cdt Washn 3/16 Phila 3/11
✓ 479245	3/4	To Secty	Radio comp- model for display showing ability of Navy to accurately determine position of ships entering harbors by means of radio comp. Reqst authorization for expenditure. To Im Hy-Reqst take steps to have map made. for Marine Exposition. W 3/5 R.I. 3-15;
479453	3/5	To Cdt's IM's	Calibration of radio compass stations to 600 and 800 meter wave length. Have reqst assignment of destroyers to various districts.
479250	3/5	To Insp'r NN	Radio compass installns on destroyers bl'dg at IM. Call's attention to unsatisfactory methods see 477743-187-C-6
✓ 480536	3/6	Sperry Gyro.Co.	Request authority to publish article on dealing with the radio compass. To Sperry Gy Co 3/9 Sperry Co. 3/11
480707 9	3/9	Phila.	Fwd's detailed correspondence in conn with shipt of radio compasses to Base #6 for MALVILLE. requesting instrns as to accounting. Fwd S&A. 3-12 Phila- Request action/ 4/1 W.

Number.	Date.	From or To	Subject.	
4-0808	3/4	Reg. Jd.	Request authority to obtain graduated dials for radio compass stations, for Mare Island.	W
481054	3/9	A. N. Johnson	Request inform rel to radio; request pamphlet on gyro-compass. To A.N. Johnson 3/15	W
481458	3/12	oston	Quarterly inspection report.	W
480753	3-12	To Pensacola (T)	Information regted on progress of radio compass installation at Air Base Pensacola. Expedite report covering this work. W Pensacola (T) recommendations fwd 3/11 - 3/13	
481512	3-17	To Im Norfolk	Regst reports with recommendations be made covering radio compass stations 5th District central control of, communication line for. W	
482428	3/19	To Pensacola (T)	Advise status of work rel installn of compass appr. W	

DIRECTION FINDERS

1920

110

Number. 9	Date.	From or To--	Subject.	
470848	FROM CARD 108		C&B. Copy of action to Inspr N.Y. Ship 2/9 C&B. Circular - Copy of letter to yards forwarding prints of coll house 2/10 Norf - Fwds prints 2/15 NYS - reqst working instrns for installa- tion of radio compass be furnished - 3/3 To Norf 3/8 To Comdt Phila - instructions for installn and opr of type SE 1512 radio compass 3/8 copy Inspr NYS Phila - instrns will be fwded about 4/13/27 To Phila. reqst NYS be supplied with copy. also expd 4-12 copy NYS	
475625	1/20	Europ Forces	Fwds paper read before Institute of Elec Engineers on direction and position finding by radio.	W.
475887	2/13	Nav. Intelligence	Fwds report on direction finding test, submitted by Naval Attache, Paris. Fwd Intell 4/5	W.
469440	FROM CARD 108		Inspr FR - Copy of letter to Inspr Squantum 2/11 S&A 2/16 Boston 2/19 Fwd S&A 2/24 To S&A cancel action ship ord 1/31 2/25/20 Squantum - 2/21 FR - reqst disposition of compass - 4/10 - W To Inspr F.R. (T) complete installn radio compass on destroyer 295 before delivery not desired this work be done Boston yard. 4/15	

DIRECTION FINDERS

1920

Number.	Date.	From or To--	Subject.
476408	2/17	To Firms	Fwds prints, a'nd radio compass coil for use reg'n. 334- To Gas Accumulator Co. fwds 2/26 KAC Co. - Fwds prints showing aircraft radio compass coil 3/24 W. Martini Auhn Jorge - Returns drawings. 5/5 W
477198	2/18	Anacostia	Apparatus for measurement of antenna constance- fwds photos with report covering. W.
477475	2/20	Boston Copy Host-T impracticable to use North True for calibration. 2/26 To Opr 2/28 RB 3/15	Request suitable vessel be furnished for calibration of compass on GOLDSBORO 2W To Cdt Boston (T) 2/25 Boston Copy- Recommends early action towards providing vessel. 2/25.
474983	2/18	Bost	Recommends main stays of Dextra having radio compass equipment be broken by suitable strain insulators. Q-6
478295	2/26	Norx	Request prints pertaining to radio compass house and instln of apparatus therein. be furnished W.
478224	2/27	To Bur Standards	Fwds translation article by Rene Mesny on "Theory and install of radio compasses on board ship" W To Cdt Phila ditto 2/27 To Anacostia 2/27 To Cdt Wash 2/27 To Cdt Bost 2/27 To IM N.Y. 2/27

N.S.E. Form 134.

DIRECTION FINDERS

1920

Number.	Date.	From or To--	Subject.
472227	1/28	To Comdt Phila	Reqt copies of bulletin be mailed to Puget Sound W Phila 2/28
473058	1:30	C ^m <i>714</i>	Report on oscillating tubes and straight detection method for radio compass at Bethany Beach compass station. W
472345	1/29	To Bur Standards	Wds copy of article by Rene Mesny on Theory and installn of radio compasses on board ship. W To IM N.Y. fwsd copy 1/29 To Cdt Phila 1/29 To Boston 1/29 To Apacostia 1/29 To Cdt Washington 1/29
470501	1/19	C&H	Copy of telegram to Sug. Bd. approving alterations to upper deck radio houses for radio compass on ABLEAS, NEW YORK & CHL. W
471522	2/2	To Comdt Phila	Radio compass bulletins: Suggestions. W Phila- Subm estimates. 2/11 To Cdt Phila- allotment of 750.00 made. 2/19 Phila- Subm changed estimates for radio compass bulletins. 8/24 W Phila- 9-16: W To Phila- 1-13 allotment of 300 1/13 W 1921 Phila- fwsd radio compass bulletins 1/20 W Phila-fwsd corrected proof 4:26-W

DIRECTOR FINDERS:

Number.	Date.	From or To—	Subject.	
473521	2/4	To Naval Intelligence	Request for copies of Bulletin Tech du Bureau Veritas. W	
474427	1/4 2/4	Communications Naval Intelligence	FWDs request of American Photo Service for picture film showing work of radio compass fwd Intell 2/9	W
474020	2/7	To Cdt M.I.	Auth purchase of plot of ground vicinity of Eureka California for station W Larc Island— asks action. 5/25 W	
474029	2/7	To Cdt Washington	Asks expedite furnishing of items requested reqn enclosed. W	
474027	2/6	To IM Norfolk	Request info re Delco lighting units for radio compass 3/4 KW. W Norfolk— Fwd's special report on Delco Lighting units. 5/1 W	
475263	2/6	Pug.Sd.	Submit report on remodeling of upper deck radio house on ARKANSAS, NEW YORK, & TEXAS & WYOMING.	W

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
✓ 469411	1/14	Hydrographic Off.	Fwds postal card from J. Larsson asking if radio compass are for sale.	W.
469440	1-16	To S&A	Reqt shipment radio compasses from Norf to FR. W RB 3/10	
TO CARD	Quincy 1/29	From Fleet Base to RB 2/11	To Insp FR—Advise names and numbers of destroyers to receive equipment. 1-20	
RB 19/8	To S&A ship	From Boston to Quincy	To S&A amendment 1/29	
469443	1-16	To Insp Quincy	To Insp Quincy via Cdt Boston 1/30	
		To Phila 2/9	Radio compass coil model 1512. Reqt's fwd prints of. W	
469970	1/17	Operations	Directs radio compass be installed at Pensacola and San Diego Air Sta for obtaining compass bearing aircraft fitted with radio A 918	W
470029	1/16	S&A	Fwds printed matter rel to direction finders for ships, prepared by L. A. Read, American Consul at London.	W.
469444	1-17	To Phila	Radio compass coil. Defects in. Gives detail comment and fwd prints. 1-17	
470871	1:21	Norf T	Only one radio compass type SE 905 on hand. W Gross to 589-12	

919 DIRECTION FINDERS:

1920

Number.	Date.	From or To	Subject.
470009	1-20	To M. Fergusson	Suggests apply to commercial firms for radio compass coil and accessories. W
470453	1-21	To S&A	Reqd shipment radio compass coils from Phila to M la. W
470836	1-22	To Phila	Radio research problem #25 - Radio compass determination of relative merits of Damped and undamped Wave Signals using Oscillating and non-oscillating vacuum tube detector. W
TO CARD 112	3/24	Phila - submits weekly report-3/12 Phila - Weekly experimental report. Phila - Allotment of \$500 sufficient for client. To Comdt Phila allotment of \$500 4/6	Phila - Subm estimate covering work. 3/8 To Cdt Phila 3/11 To Cdt Phila 3/12
450990	1-22	Phila - Subm report cov exp work completed. To Wash	Radio Compass. Condensers to be used as compensators for. W Washington 1/17 To - Reqs report of progress of mfg of material. 3-10 Washn-3.15
470848	1-24	To Yards and Insps Insp NN-1:29 Insp ER-1:28 Insp Gramps-1:29 To Insp Phila 2/3 To Insp NYS via O&R 2/3	Destroyers. Installation of Radio Compass. W Insp NYS-in connection with radio compass installation on destroyers 241 and 256. 1:28 Cross to 241-Q-6 To Insp IN 2/6
471272	1-24	To Phila	Research problem #40- Battleship Radio Compass. Development of. W Phila - Ask if should complete Bellini Tosi install prior to departure of OHIO from Id. 2/3 To Cdt Phila 2/6

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
464398	12/19	Washington	Radio compass variations under 400 meters; recommendations covering. To Bu Standard. Fwds copy of above letter for information and comment. 1-9 To Anacostia. 1-9 Anacostia 1/15 Anacostia 1/15	W.
464964	12/20	Phila.	Fwds report on method for improving minimum of radio compass apparatus.	W.
465362	12/6	Radio Labr. Bur Stand.	Notes on Radio Triangulation by F/A. Kolster with prints.	W.
465068	12/27	Boston	Fwds special report covering defects in design of model T radio compass.	W.
466071	12/27	Insp'r Squantum	Copy of letter to Phila. requesting expedite allowance list in connection with radio telegraph and compass.	W.

Number.	Date.	From or To—	Subject.	
✓ 457646		FROM CARD 105	European Forces— Fwds letter from Marconi Co. giving information on loop receivers.	12/15
✓ 466580	1-3	To Comdt Phila	Radio compass coils, type SE-1512. Fwds special report by Boston. W Phila-fwds prints giving comments on reported defects in model "A" radio compass-1:23	
✓ 466822	1-6	To I.M. Ny	Repair of Radio compass G. cutter SEMECA. W U.S. Coast Guard: 1-22 Coast Guard-1:24 Fwd S&A 2/2	
✓ 467616	12/8	Bureau Stand. Tech. Bulletin	Comments on test and various investigations. X 878	W.
467781	9/9 1/7	European Forces Fleet Sup base	Spare parts for radio compass being shipped to U.S. for disposition. W.	787-8
✓ 457792	1-8	To 9th Dist	Radio Compass Work -Wave lengths for. W Fwds copy of circular letter on.	

PILGRIM JOURNALS

Number.	Date.	From or To—	Subject.
457015	11/18	To Cdt Phila	Reest fwd vandyke prints of drawings listed. W Phila 11-25 Fwds radio compass coil drawings—
458383	11/19	To SEA	✓ Re est shpmt from Norfolk to Charleston radio appr for SEMINOLE. W RB-1:23
458392	11/20	To SEA	✓ Re est shpmt from South Brooklyn to Boston radio comp equipments. W To Fleet Base asks status of shipt 12/8 copy Bost New York. Gives data on shipt. 12/8
459871	11-20	Mare Isl.	Submits report of development of radio compass. Makes suggestions re change in design. W
460003	11-25	F Strattnor	Asks if radio compass bulletin #1 can be obtained by one not connected with the Government. W To Fred Strattnor c/o Phila Elec Co. non available at present for public issue 12/8
459678	11/25	To SEA	✓ Re est shpmt from Washington to Phila so radio receivers amplifs. W RB 1/1

DIRECTION FINDERS

Number.	Date.	From or To--	Subject.	
453853	11/26	Navigation	Fwds reports of ME-4 flotilla on operation of radio compass on.	918
461553	12/4	Washington	Fwd's copy of instructions for type SE 1440 radio compass receiver. W.	
461978	11/29	Mare Island	Radio compass test at Point Argueta- fwd reports covering. W	
462478	12-12	To I.M. Yds	Radio Compass - Loading Inductance coil for. Auth to withdraw coils from S.O. and as in to various stations. When withdrawn, chargeable to Engineering 1920 W W	
464348	12/17	Anacostia	Design of radio direction finder equip.; fwd's photos of coil recommended for large aircraft. W.	

DIRECTION FINDERS

Number.	Date.	From or To--	Subject.	
454998	11/6	To S&A	Reqst shipmt from Washington to Phila radio amplifier W	
456147	11/1	L C F Earle	Directive radio transmitter.	896
456676	11/8	To Phila	Reqst fwd description of method developed at Ph for minimizing antenna effect on radio compass installations W	
457065	11-10	Atlantic Destroyer (copy)	Asks if satisfactory to have Winslow replace Dickerson on radio compass work.	W
457113	10-31	Mare Isl.	Fwd plans covg radio compass installations on destroyers. To MI 11/19	W
457646 TO CARD 107	11/13	To European Forces Europ. Forces-Copy 6865-Reqst repeat telegram 8352. 11/16 European Forces-Copy 7176- Mar conf & Fleming state no articles published prior to 1902. 11/13	(T) Reqst British and French radio authorities be asked names and dates of publ in conn with early work on loop rec loop trans and direc finders in general. W European Forces - copy 7166 - will fwd pamphlets in connection with - 12/15	

Number.	Date.	From or To—	Subject.	
286224 TO CARD 119	FROM CARD 101 Phila- Status report 4/20 W. Phila 4/26 W. Phila 5/4 W Phila- Status reports 5/10 W Phila- Weekly reports 5/15 W Phila- Weekly report 5/15 W Phila- Weekly report 5/15 W Phila- Weekly report 5/29 W Phila- Weekly status report 5/30 W Phila 7/3 W Phila 7/19 W Phila 7/28 W Phila 7/30 W. Phila 8/7 W. Phila 8/13 W. Phila 8/18 W. Phila 8/30 W. Phila 9/3 W. Phila 9/13 W. Philadelphia 9/20 W.	Phila- Exds report- 11/18 Phila 11/14 Weekly report Phila. 12/2 Weekly report. Phila 12/8- Weekly status report. Phila. 12/23. Phila. 12/31- compass report. Phila. Weekly report 1/5 Phila 1/12 Phila- 1;26 Phila- 2/2 Phila- Exds report 2/9 Phila 2/19 Phila: 2/24: Phila: 2/28: Phila 3/10 Phila 3/22 Phila. 4/1. W. Phila- Exds status report. 4/5 W. Phila. 4/14 W.		
457509	11/12	Insp'r Cramps	Request copy of radio compass bulletin #1 to Insp'r Phila and radio comp bulletin 11/17	W
457496	11/8 11/12	9th Dist Com	Subm report of radio communications with RC-4.	W
457624	11/7	Mare Island	Copy of letter to Pacific Fleet requesting Destroyer be assigned for radio compass test at Eureka Radio Station.	W.
458520	11/17	Boston	Exds radio compass calibration curves of Gillis & Aullick	W.

DIRECTION FOLDERS.

Number.	Date.	From or To—	Subject.
454022	10/25	Dept. Boston- Will make recommendations after device has been tested. 11/18 To Boston- auto install 12/4 and Secty 8/21/20 RB 8/25 W	Fwd invention covering compensators for radio compasses with specifications and plans, by Asst. radio inspr W. B. Burgess. requesting cash reward. W. X reward To Anacostia fws description 10/30 Anacostia-Subm description with compensator for radio compass, subm by Asst inspr W. B. Burgess. 10/31. To Boston- asks value of compenstor for radio comp dev by W B Burgess 11/10 Confirms telephone conversation in conn with assignment of destroyer for test of model 1512 radio compass and receiver. W.
454212	10/24	Phila.	
454368	10/25	Phila.	Confirms telephone conversation asking if supply of radio compass coils on hand at Phila. are sufficient to meet needs, of yards. W.
454601	10/4 10/20	CO HOPKINELL Atlantic Fleet	Subm report of firing test in connection with radio compass. W.
455051	10/28	To Phila	(T) Bur advised Com Chief has been directed arrange for destroyer report Oct 4th Dist for radio comp cal duty period arrange with Dis Oct re use of this vessel upon arrival Comments on radio compass system. W
454902	11;1	To Phila	R B 11-25

Number.	Date.	From or To--	Subject.
✓ 455052	10/29	Naval Intelligence	Subm manuscript entitled "Radio Compass" by Lt. J. B. Will; ask if any objections to publication. W.
454512	10/30	To Y&D	Reqt truck be shipt to Montauk Pt. L.I.N.Y. advising date of same. W
✓ 455770	11;3	Marine Corps	Merchant vessels not equipped to transmit on wave length of 750 meters when communicating with radio compass station. W
455610	11/4	To S&A	Reqt shipt from Washington to Boston airc radio comp amplifiers W RE 11/21
456560	11;3	Boston	FWds radio compass calibration curve for Rogers & Crowinshield. W
✓ 451178	11/4	To Professor Fessenden	Letter of 10/9 to Dept, referred for reply Investigation has shown safest method in using short wave lengths on damped waves and is standardizing apparatus. Should it ever appear desirable will consider prop made W copy to Amari Smith inventions

DIRETIC. FINDERS RADIO

Number.	Date.	From or To—	Subject.
443718	FROM CARD 101		Aspr NY.S. 10/17. Shipt Order 10:16 Received back 10:24 To Phila. 9/16 Recd. Back 10/28 Shipt order 9/16 RB 11/1
451178	12:22	RAFessenden	Fwds copy of translation of Fessenden german patent covering pelorus wireless compass.W
450623	10:27	MI	Submits estimate. To MI- allotment of 325.00 made 11/6
452443	10/17	Boston	Insulation of rigging on Destroyers for radio compass- reqt authority to make installation on 259. To Boston-Auth insulation and of rigging on destroyer 259 10:21 Boston- Fwds test conducted on Bd TURNER. W 12/8
446391	10/1	To Comdt Phila.	Designates USS OHIO to be used for installation radio compass for battleships and expt work in comm with. W. Phila- Request information as listed, be furnished. 12/15
452716	10:14	Boston	Fwds radio compass calibration curve for Southard, Bailey and Schaubrick

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Number.	Date.	From or To—	Subject.	
451973	?	M I	Diagram of radio compass be furnished. To MI fwd copy of dr 10/23	W
✓ 452029	10;13	A R Fletcher	Reqt copy of Navy Text book cov operation of radio compass. W To Genl Staff Collage, Wash.-Fwds bulletin. 10;20	
452617	10/16	Anacostia	Reduction of ignition disturbance on radio compass, fwds photos with report covering W 918	
✓ 452463	10;21	To Phila	Reqt hold in store one stant Type SE1512 radio compass coil.	W
✓ 453456	10;22	Boston	Fwds radio compass calibration curve for destroyers Bailey and Delong.	W
453715	10/23	Phila.	Subm list of mechanical defects found in model key radio compass subm by Wireless Impr Co. W To Inspr Brooklyn- reqst of 10/18- not approve will not taken advantage of liquid damage of if comp within time limits 10/25 cc to Wireless Impr Co. W	
		To Cdt Ph rel to Inspcr 10/25 Inspr Brook- ask if inspection of Inspcr Co. balance of material is to be made prior to inspect on. 10/27 To Inspr Brook- req detail of rep note date of del of compass coils 10/29		

Number.	Date.	From or To—	Subject.	
446391	10/1	To Cdt Phila	Designates USS OHIO to be used for install 896 radio compass for battleships and expr work in connection with W To Comdt Phila: 1-8	
449651	10/9	To Cdt Phila	Asks info re feasibility of using underground radio compass—Assigns number—Research Prob 24- W	
~~450781~~	~~10/9~~	Anacostia <u>VOID</u>	Reqst material and inventory at Miami be shipped to Reed Flying Field, Reed, Va.	
450781	10/9	Anacostia	Fwds photos and prints of directional field receiver, adapted for airplane reception. W	
✓ 451178	Oct	R A Fessenden	Reqst dept obtain refraction cov form of Fessenden Pelorus; wireless compass, which correction reading can be obtained, by fws copy of patent and specifications. W	

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DIRECTION FINDERS: RADIO.

Number.	Date.	From or To—	Subject.	
308529	FROM CARD 24		Shpmt order 3/29 R B 9-12	
✓ 445461	9-12	Boston	Submits curves of calibration radio compass on torpedo boats.	W
446015	10:4	M I	Copy of let to Pacific Fleet reqst de- stroyers be assigned for test.	W
✓ 445247	9/15	To Phila	Reest. 12 copies of Radio Compass Bulletin No 114 and Norfolk W	
446210	9/16 9/18	Engr. J. Stenworth D. H. C.	Two's claim of Carl H. Hanson, priority claim, for navigating vessels, radio signals by electric, soon as possible in airmail. Re: H. Hanson's claim, via mail, 11-1-15 and 11-1-16.	674
✓ 447165	9:22	CO PROMETHEUS	Asks if orders issued discontinuing use of vertical antenna in con with compass destroyers. To re install 9/29	W
445930 (Old No)	10:1	M I	End	

DIRECTION FINDERS: RADIO

Number.	Date.	From or To—	Subject.
✓ 447702	9:25	Wireless Imp Co ✓	Asks if Bu has any objection to furnish Japanese Gov data regarding radio compass equip. to no objection— provided no details are given out 9/27
447109	9/28	To Boston	Request tests be made Bellini Tosi and single coil— showing merits of each type of compass for use battleships.
✓ 448419	9:29	Boston	Fwds radio compass calibration for destroyers listed.
448036	9/30	To Atlantic Fleet (T)	Request reports tests receiving equipment HOPEWELL and THOMAS.
448998	10/4	To Cdt Phila	Request representative investigate and correct errors due to installn Cdr May, if found necessary recalibrate compass. Phila 10:9
✓ 449000	10/4	To DNO	Submits summary of radio compass station activities on Pacific Coast to date. W



DIRECTION FINDERS: RADIO

Number.	Date.	From or To--	Subject.
442367	8:26 8:27	Wash Test Shop Washington	Sub report on use of circuit for reception of sigs at Cape May. W To Anacostia- fwsd copy of ltr of 8/26 9/8 To Radio Lab Bur Stds- fwsd copy of ltr of 8/26 9/8 Anacostia 9-12 Comments on criticisms of Bur. Bur Standards 9-12 Comments on Bur criticisms To Navy lrd-Washington-Fwsd comment on radio compass signals. 1018
442467	8:29	C C Huey ✓ Tel ✓	Reqst auth to write and publish descrip photos of Navy radio compasses. W To CC Henry- sub to Naval Intel 9/4
443111	8:30	Bu Stand	Sub report on radio research propelling #6 compass Galvanometer method. W
443186 Old No.	9:27	Norf	Reqst vandykes. To Nork- fwsd prints 9/30
443267	9-2	Boston	Fwsd calibration curves for Radio Compass installation BANCROFT, MORRIS and TWIGGS. W
443511	9-3	Boston	Submits print showing calibration curves for radio compass installation for destroyers. W
44-101	9/5	No	

Number.	Date.	From or To--	Subject.	
443718 SEE CARD 105.	9-5	Phila. To S&A ship from Ph to MI 37 radio comp houses 9/16 To S&A ship from Ph to NY3 Camden 8 radio comp houses 9/16 To S&A ship from Ph to NY 10 radio comp houses 9/16 To S&A ship from Ph to Bath 3 8/16	Rqst 200 radio compass houses now stored at Yd be moved- no storage space. Phila 9-11 Rqst shipping instructions be expedited. To S&A req ship from Phila to Gramps Ph 11 radio comp houses 9/16 To S&A req ship from Ph to Norf three radio comp houses 9/16	W
444161	9-2	Everyday Engineering Magazine	Radio compass- Article on- Fwds for inspec. W To- suggests sub sketches 9/8	
443686	9/5	To Phila (T)	Bureau requests that report on radio compass test be expedited No report recd this Bureau this date W	
444776	9-9	Boston	Fwds special report on direction finders. W	
444985	9-4	Mare Isl	Rec transf of skilled radio compass operator for duty at 12th Dist. W F	
286224 SEE CARD 105	FROM CARD 18 Phila. Weekly report 10/25 Phila-Sub report 11:3		Phila 9-10- Weekly report. Phila 11/11 Phila 9-17 Phila-Weekly status report 10:14 NY and Operational ... NY 196	

DIRECTION FINDERS: RADIO

Number.	Date.	From or To—	Subject.	
440208	8-18	Cape May Tel	Test records on bearings, no variation. To(T)—Radio compass test will be continued for two more schedules on mornings of 19th and 20th. 8-18	W
440207	8-18	To Phila (T)	Attention Radio Aid Ballantine. Radio compass test will be continued for two more schedules on mornings of 19th and 20th. W	
440886	8-20 8-21	Nav Naval Intel	Edw's article cov latest radio compass work by John W Keen, asks if sat to publish.	
400558	FROM CARD 75	To Cat Host n	Confirms phone conv on 8/19- 8/21 To Boston Tel 8/18 To Y&D- sum of \$200.00 allotted, station Dams Cove is extension of masts 8/18 To Y&D- Request additional allotment of \$1,000 RB 10:14	10:11
		All entries should be on 400558 - 919 - 1		
		See Card 38 of 919-1		

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 DIRECTOR FINDERS RADIO

Number.	Date.	From or To--	Subject.
✓ 440209	8/21	To IM's Cats	✓ Rel to adjustment of trans on vessels of Shipping Board for radio compass work on 750 meters W 9th Dist - 8:25 → Gr Lakes 9-2 Rqst drawings of transmitters for Shipping Board vessels. (cross 771-2) To GL antenna shortening condensers be obtained on form SAA 20 9/12 Phila 9-12 Rqst vandykes to Phila 9/18 to Gr Lakes 9/18 Gr Lakes 9-15 Cans rqt for short wave condensers Kaiserin Augusta Victorian -cov disturbances. cross to vessels W
✓ 441153	8:21	Com	
441812	8:22 8:22	Anacostia Airc Radio Lab	Radio compass station under 4,000" submits report coering. W
441847	8:23	Phila - ~~Feb~~	Fwds drawings. W

DIRECTION FINDERS: RADIO.

Number.	Date.	From or To—	Subject.	
✓ 439061	8:11	Cape May Tel	Rec conditions uncertain, reqst Ensign Crossley bring arc radio set compass. To Cape May Tel 8/12	W
439527	(Old Number)		Copy of tel conv between Comnt 3rd Naval Dist and Lt Wild regarding radio compass work on destroyers. W	
✓ 439311	8:2 8:11	O E Curtiss Nav	Asks if Bu can furnish pamphlet. W	
439349	8:12	Phila	Preliminary report on method of improvement of maxima radio app, submits report. W	
439551	8:12	Phila	Fwds preliminary report on method of improving maxima of radio compass app. W	
440015	8/15	Wash	Instrus covering radio compass for standard spark trans W	898

919

Number.	Date.	From or To—	Subject.
✓ 439741	8;13	Washington	French method for compensating effect ground filament battery for radio compass instal, report cov.
45712	8/12	To Wash.	Reqt fwd revised specifications copy manu- of radio compass receiver in order that instr may be amended to provide for same. W-5 629
✓ 439870	8;15	Phila Tel	Radio compass test fairly sat. sug use of larger antenna. W Cross to 903 To Ph Tel 8/15 To Cape May Tel 8/15
✓ 440107	8;16	Cape May Tel	Report of test. W <u>Cross to 903</u>
440175	8;15	Bu Stand	Special radio report cov method of improvement to maxima of radio. W

DIRECTION FINDERS; RADIO

Number.	Date.	From or To -	Subject.
✓ 435079	7/30	To Comdt., Phila	Reqst be furnished with brief report on comparative accuracy and range of radio compass coils on 450 and 750 meters wave lengths. W Phila 9-18
✓ 436371	7:15	Norfolk	Fwds news paper clippings and various comments on direction finder instal at Hog Isl and Cape Henry. W
436392	8/1	To Phila	Has assigned investigation of relative merits of "Arc" and "Spark" reception in conn. w Radio Direction Finding to Bureau of Standards, known as Problem 26- Radio Compass.
437088	8:2	Boston	Fwds radio compass calibration curve for destroyers listed. W
435029	8/2	To S&A	✓ Reqst shipmt from Phila to Boston radio comp coils and houses. W RS 8:14

DIRECTION FINDERS: RADIO

Number.	Date.	From or To--	Subject.
434116	7/18	J.L. Bernard Jr	Req chart showing orig radio compass expr To fwsd copies of charts tested by CHICAGO 8/5 919-1
435158	7/28	To NY	Sec of navy establishing wave length of 750 meters for all radio comp work req stations 3rd Dist be calibrated W 919-1
437665	8:2	Boston	Radio compass and destroyer, fwsd spec report. W Cross to 496
437600	8/7	To Insp'r Gramps 476	Quotes from letter from Radio material officer calling attention to instances in which contractor failed to comply with spec, destroyer install W
437601	8/7	To Insp'r NYS- To Insp'r NYS asks greater care in installn of radio compasses at contractors yd 9/2 Insp'r NYS 9-4 Acknowledges 4/15 To Phila	Quotes from letter from radio material off rel to faults in destroyer compass instal W Insp'r NYS- 8:19 To Phila-Faults in radio comp instal. 8:28 Info reqtd possible date which instruct panchlets for operation of radio compass will be sub to Bur an for approval W: 919-1
416876	4/15		

Number.	Date.	From or To—	Subject.	
434592	7/22	~~Bijur Motor Appliance Co~~	~~Asks if have any information concerning electric starting on gasoline engines installed in motor cars~~	~~736-19~~
432564	7/18	To Secretary Navy (Oper)	Re failure of radio compass on the UC-3. States facts ascertained after investigation into all circumstances. DA.	736-19
435029	7:23	Boston	Request radio compass complete be turn for use in radio lab for demonstration purposes. W To S&A req shipment from Washn to Boston radio apparatus 8/5 Phila 9-18 Status of shipment	
431377	7/26	To Comdt Wash Yd Rad Research Lab Bu Std Lab Bu Std	Gives report made to Bu of SE on method empl by French Govt to compensate capacity effect of filament battery to ground in their radio compass install in cross to 919 and PG also Circular letters W	896
399233	7/28	To Comdt 7th Dist	Not contemplated start erection of proposed radio compass stations at Key West until after other stations on Gulf and Pacific Coast completed W	604

DIRECTION FINDERS

Number	Date	From or To	Subject
435568 SEE BELOW	7/28	To Everyday Engr Magazine	Permission granted to publish photos and descriptions req letter of 7/22. W Everyday Engineering Magazine 9-9 Fwds clipping from magazine on article concern- ing direction finders. Wireless Improvement Co 11/21 Rqst auth to supply Everyday Engr. Magazine with photo of radio compass coils. Wireless Improvement Co 11-26
435443	7:26	MI	tel-sub final estimate radio compass station San Francisco. W
435568 SEE ABOVE	7:22	(Every-day Engineering Magazine) Ever Ready Engr Magazine	Best permission to publish article on International Radio Co editorial and Western Elec Co Tel sets on which one can transmit and rec with one antenna. Cross to Laf. if photo included by authority of Dept. when produced in Every-day Engr Magazine 11/25
434015	7/29	To Sec of Agriculture	Desirous of locating radio compass station on Ozette Island near Cape Adva, Washington Auth req to occupy this land. W Dept of Agric - 8:7

DIRECTION FINDERS

Number.	Date.	From or To	Subject.
✓ 430509	7/10	To S&A	Req. shipment from Phila to N.Y. radio compass coil and compass house W for installn COLUMBIA RB 12/1
✓ 432175	7:11	Boston	Conf. tel. conv. in con. with transf. of Marconi goniometer from Gloucester to CO Birmingham. W To Boston - reqst info re appr. on hand Boston 7/25 Boston - Report on app. transf. from Birmingham. 7:30 To Boston - assigns problem to Boston Yard No 1. 8/7
432487	7:7 7:15	Naval Academy Naval Intel	Reqst. of Holland to publish text for use of Midshipmen in con. with operation of radio compass. fwd. Fwd. D.N.I. 7-16
432696	7:9	Atl Destroyer	Reqst. disposition of pamphlets on instrus of radio equip. compass. W
✓ 433128	7:16	Com	In con. with future use of direction finder brought out at meeting of Marconi Co in London on 5:20 W To European Forces - quotes from memo. in re to future of dir. finder 7/24 European Force 528 Comments on Marconi direction finder.

DIRECTION FINDERS.

1919

Number.	Date.	From or To --	Subject.	
✓ 432967	7-15	Boston	Method of calibration of radio compasses on shore. Report covering.	W
434119	8; 15	Inspr Newport News	Fwds plans of auxiliary radio room.	W
✓ 434118	7; 18	Boston	Report of volta in radio compass instal on destroyer. to Inspr NN- quotes from letter from radio material officer, re faults in destroyer compass installn 8/7 cc to Norr	
✓ 434411	7; 3	~~Bn Stand~~	Research propelling number 49 under direction finder report cov. W	
434721	7/24	To Comdt Wash	Req yd assist in conducting tests upon receipt of info covering. W Wash Yd 9-2 Gives schedule for test of radio compass.	
434722	7/24	To Comdt Ph	Desires info re variations in radio compass readings on wave lengths below 4000 meters. W to Phila Tel 8/8 to Phila Tel 8/12 To Phila asks re tests 8/29 Phila 9-8 Fwds plans Phila 9-8 Letter of 8/29 was answered letter of even date.	

N.S.E. Form 134.
DIRECTION FINDERS

1918

Number.	Date.	From or To—	Subject.	
428055	6/28	To Comdt Phila	Acknow receipt of drawing marked for estimating purposes only, request fwd vandyne prints of drawing for mfg purposes	
428550	6:24	Cape May	Sub report on radio comp test.	W
✓ 428464	6:19 6:26	W O Y&D	En type plan number 1 for radio compass house. Finds prints with comments as to correction of Grand Isle and Cass A lighthouse compass stations be erected in accordance with station plans. Y Cross to 719-1 and 724 fwd Y&D 6/30	
✓ 428216	6:28	Y&D	Report allotment cov over expenditures at Cross Isl. Lamiscove Isl. and ... Is.	
428982	6/28 Phila 7:30 Phila 7:30	To Comdt Phila	Desires use number of cuts shown in bulletin one, asks fwd. To Phila- info req date of fwd cuts 7/3 To Comdt Phila- request info who has possession of cuts, and what action be taken to obtain loan of same 7/8 PH-7:2-Finds photos. PH-7:2-Finds photos. PH-Finds radio compass cuts. 7:11 To Phila- asks use of cuts 7/18 To Phila- info ree action taken 7/24	

Number.	Date.	From or To	Subject.	
✓ 429489	5:24 5:28	Cape May Cape May	Radio compass test, report cov. request GE U tube trans be furnished.	W
✓ 429653	5:29	CO REC SHIP EXISCO	Sub comments for use of radio telegraphy for determination of proper course for vessels to steer when entering port. To E W Stone- acknow receipt of suggestions	W 7/12
✓ 429921	5:26 Done	✓ C Gibbons Jr/ Naval Consultant, Brd 872 ✓	Radio direction finder designed for use locating direction position of submarines, who is responsible for invention.	
✓ 430724	7:1	Guyamel Fruit Co	Instal of wireless plant at Puerto Cortez. ask if su interested in. Guyamel Fruit Co-Sub comments, 7:16 fwd Commun 7/22 To Guyamel Fruit Co- refer to Commun 7/22	
✓ 430503	7/5	To Comdt Washn	Req fwd to Wireless Imp Co vandyke print of drawing R W 61A 116- also three copies to Bureau ; Wash-fwd vandykes of insulated post. 7:16	

DIRECTION FINDER.

Number.	Date.	From or To--	Subject.	
✓ 425145	6;10	Post Office Dept	Reqst price of transm set complete in lots of one and five sets.	W
✓ 425357	6-11	Destroyer Force #2	Submits report of calibration of radio compass station on destroyers listed. Destroyer force report on radio comp work aboard destroyers. 6/28	W
✓ 425613	6;14	Boston	Radio compass calibration curves fwd.	
425895	6;16	Ph	Set of prints of compass coil, name plates, etc. furnished to mfrs listed, also report of conference held at German town.	W
✓ 426125	6;17	Price Bros	Reqst fwd spec for radio comp.	W
✓ 36124	6/7 8/12	Sperry Co. S & A	Rel to price for changes in design of radio compass. S. Fwd SEA 6/12	629

Number.	Date.	From or To—	Subject.
✓ 422244	6-6 6-17	Ensign G E Berghardt Com	Fwd copy of radio compass manual request be returned 7/29 Fwd Com 7/29
✓ 422101	6-21	To New Orleans	Advise charging unit for station Grand Is Lein. Supt. To NO let: 14419 allotment made K C-20 To CG- sum of 300 allotted 7/1 To NO- summary of corresp charging unit ship to NO for instal Grand Is 7/1 cc to Radio Mat of NO Coast Grd- 7-8 Director's del. of prints to rep of Director of Communications W
✓ 427391	6-21	To Communications	
✓ 422109	6-20	To NO	Advise two steel tubular one hundred foot masts ship NO from Chasn for ins. in Grand Is.
✓ 427731	6-21	Ph To Phila- asks fwd detailed estimate to be fwd 7/17 Phila- Sub report on expenditures completed. 7-22 To Ph- approve research work no spec allow be made 7/29	Request auth for additional allotment of \$10,000 for radio research. W Cross to Allot and Appropriation. To Phila- info req re amt of 10,000 should be in addt to all sums auth 6/30 Phila - 7/11
431588	6/16	European Forces	Submits report of visit to British Exp Radio Sta and status of investigation. W. 652

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
420680	5-26	To Phila Yd Tel	Req expert radio aid C S Gallentine and Radio draftsman J. S. Fogg, report navy yard Wash May 28th for radio compass conference W	
419289	1/27	To Bur Standards	Interference with radio compass of ignition system on NC planes- Submits report of tests log - 4.	736-19
45009	5/26	To Mazer Acoustile Co	Fwds blueprint copy of details for radio compass houses.	629
421560	5-29	To S&A	Req ship from Norfolk to New Orleans three 1/2 32 volt Genco gas eng con units. W for install in Passa Loure. Grant is Bruwood. N O-Reqst allotment be made cov radio equip. 6,11 N O-Tel-Reqst action 6:17 To S&A 6-19 N O-6600. R 6:20	RB 6:24
421526	5:26	Boston	Fwds radio compass calibration curve for destroyers listed.	W
421992	5:24	Pg Sd	Fwds copy of paper prepared by R Marriott entitled "Elec Sig Method for Guiding Vessels" reqst authority to present before Inst of Radio Engrs. To R H Marriott- no object to pub 6:26	
421561	5-31	To S&A	Req ship from Phila to New Orleans radio comp coils for station Passa Loure G is CG 214 and Burrwood Ia W To S&A req ship from Washn to NO radio rec and other material W 5-31	RB 7:24 RB 6:19
422109	6:18	New Orleans	Asks who will furn towers for for erection Ground Isl. Tel	
			N O-Reqst info the type of shore unit which will be furnished.	6:26

1019

Number.	Date.	From or To—	Subject.	
✓ 422725	5:29	Boston	Fwds copy of report of use of radio compass during voyage in con with Trans-Atlantic flight. W	
✓ 423329	5:4	Boston	Blotting paper for radio compass calibration fws proposed sample with comments on. To Boston— reqst sufficient diagram be purchase take care of requirements for next three months 7/9 Boston 12/3	
✓ 423424	6:3	Destroyer Force	Sub data on radio compass during voyage in con with transatlantic flight, on ward. fwd Commun 5-21	W
422494	5-4	To S&A	Req ship from Phila to Mare Is, one radio compass complete type SE-995— W	
✓ 423986	6:5	Bu Stand Lab	Modulation test of airc radio transm. fws oscillogram with report cov.	W
✓ 424997	6:12	Natl Elec Sup Co	Returns spec for radio direction finder coil.	

1919

Number.	Date.	From or To—	Subject.
✓ 417515	5-19	To American Radio & R Co	Per mission to visit radio station in vicinity of Boston, Mass. suppress location in vicinity of Gloucester. W
✓ 419826	5-19	To Boston	Re last radio compass personnel of Yard Besant be instructed to oversee installn of radio comp on Pitts. Equip installed comp on Pitts. 6:14 W
419294	5-20	To Boston	Instructions rel to installn of radio compass shore stations. W
✓ 420190	5-19	Ph	Conf tel conv in con mod drawings of new radio compass, same to be furnished Bu 22nd. W
✓ 420270	5-21	Boston	Maintenance of condition existing on after deck house of destroyers during calibration, comments on necessity for. W
✓ 419659	5-22	Charleston Tel	Work held up awaiting arrival of masts. To Chas Tel 5-21

1919

Number.	Date.	From or To—	Subject.
✓ 420535	5:22	Boston	Radio compass instal on destroyers, effect metal object on, when attempt to calibrate was made. W
✓ 356428	5-22	To Comdts, Insps,	✓ Advises unilateral features is to eliminated on radio compass installins on board ships. W
✓ 420694	5-22	Bur of Standards Lab.	Nocturnal variations of radio direction finder- Submits report covg - W
421049	5:23	Boston	Radio compass instal on destroyers, effects
To Ports- fws copy of lettr of 8/22		To Insp Union- 4/7 W. To Insp Union, under cognizance C&R for mig and installn 4-17	ound screen on auxiliary antenna rat-tail, submits report. W
Instructions to Yds 9/30			To Insp-s- Instruct re instal. of radio compasses on destroyers 6-18
To Insp Union- 4/7 W.		To S&A	MI 7-18
To Insp Union, under cognizance C&R for mig and installn 4-17			To MI-Asks that instruct be modified. 8:22
419656	5-26	To SEA	C&R-Copy of instruct to Navy Yrd. 9:3 re inst ship from Washn to Phila radio material for stock yd Phila. W

DIRECTION FINDER:

Number.	Date.	From or To—	Subject.	
417267	5:8	Destroyers Ford Sq 2	Reqt that all navy yards be given info as to wire instal of radio compasses.	W
NSA 1313	5-9	To Firms listed	fwd's copy of drawing radio direction finder coils W-R	
417539	5/10	Boston	Submits statement showing maintenance allow- 914 ance necessary during the fiscal year 1920 for radio and compass shore stations. W.	
417620	5:3	War Dept	Data on direction measurements of radio tel sig. fwd. To War Dept- asks further info results of test 5-14	W
418125	5:12	Phila	Asks if instruc contained in pamphlet issued by Ph Yrd are not explicit enough to permit instal of radio compass by ship yrd force, if not will prepare another bul- letin.	W
418087	5:9	Bu Stand	Reqt, info concerning direction finder to be taken on Arlington.	W

Number.	Date.	From or To—	Subject.	
> 418208	5:7 5:13	CO GUYOMA Com	fwds report of bearings received from various shore stations. CO COMM-fwds report of bearings received from various shore radio compass stations. CO VON HUBEN-fwds report of bearings received from various shore radio stations. CO AGOKULIN-fwds report of bearings received from various shore radio compass stations.	W 5:13 5:13 5:13
418145	5-1	To Bureau of Standards	fwds data on radio direction finders expressed which fwds from Signal Corps.	W
417457	5-16	To YAP	request construction of one story house near Damascove is CC 18 for a halter of trans.	set. W
419896	5:15 5:16 7/23	It T Appleby Com To Bu Standards-	req data be calls attention to under gr shore radio compass experiments in 1916 with Prof. L M recall of Central High School, Ph. To Bu Std- copy of letter fwd f ro info Bu Stand- Request under gr radio compass method be thoroughly tried out. Radio compass- Internatl R/T/Co. states expert radio aide Sharples assigned to duty in place of Forbes.	W 7/12 529
34429	5/12	Phila.		

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
413505	4:24	C&R	Copy of letter to E D Jarvis stating no schedule prepared covering radio compass house.	W
413544	5:30	Charleston	(Old Number)	
>414573	4:23	OO Sup	Submits report of radio compass bearings from Guantanamo to New York.	W
413940	4:28	To Boston	Effect of arc magnetic field on ship's compass.	W
414139	4/25	Phila	Conf tel conb in con with radio instal and radio compass pamphlets. Ill. Ohio. Blackely, Biddle, Borney and Dunonta W.	875
415395	4:29 4:30	CO CHAMPLAIN Destroyer Force	Submits report of cruise ex German sub in con with radio compass. W.	
>414577	5:1	To Boston	Assignment of radio storage batteries to Cross Isl. Damiscove and Applecore Isl. To S&A-Regt ship from Va. to Charleston of radio storage batteries. 5:1 RB 6:3 S&A-Copy of shipment order cov radio storage batteries from Boston to Damiscove Isl. 5:3	W

Number.	Date.	From or To--	Subject.	
415719	5:2	Bu Stand	Fwds copy of letter to Hampton Roads reqst infor in con with direction finder on Arlington.	W
415126	5:2	To Phila	Windings for radio compass coils. Phila 5/14	W
415229	5:5	C&R	Radio compass house, req infor listed in con with preparation of plans. C&R reqst action 6:19 C&R 7:28 C&R 9/4 Request action. W.	W
416712	5:6	Akron	Reqst information re radio equip for derigible.	W
415682	4/30	Hampton Roads	Fwds copy on constancy of direction of spark set sig received on direction finders.	918 W.
417075	None	G E Heid Dept	Reqst descrip of naval device used to indicate direction of wireless messages. To- has no publ of this kind info may be obtained from Bu Std. 5-13	W

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
412214	4:17	Airc Factory	Confirms tel conversation re authority to locate receiver for transp between starboard engine braces on F-5 boat.	W
412055	5:3	Airc Factory	Status report.	
412380	4:18	Phila	Conf tel conv asking if suf space on M-9 seaplane for instal of ammeter and rec in front of dummy tank.	W
412612	6:25	Charleston	(Old Number)	
412567	4:16	BU STAND	Fwds report of radio compass variation on continuance wave.	W
411468	4-15	Com	F via copy of letter from USS WILLIAMS reports on radio compass bearings W	919-1
411926	4-17	Commun	Shore radio compass opr fwds report from PITTSBURG	919-1
412587	4:19	Com	SHORT radio compass operation, report of bearings finished El Sud.	
13959-595	4/27	ComdtM I Eng	Radio Telegraph- Radio Compass- Reception of Submarine bell signals.	

1919

Number.	Date.	From or To--	Subject.	
412636	4:21	B D Jarvis	Req schedule number of 200 radio compass houses.	W
412517	6:2	TO S&A	Received back 6:6	
413083	4:22	Norf	Fyds calibration record of radio compass instal at Yrd. req 500 copies of stand form. To Norfolk- fyds form for radio compass calibration. 5-21	W
409442	4-22	To Boston	Reqst all compass coils at compass stations in 1st Dist be checked, W	
413270	4:17	CO SANTA TERESA	Submits report on test of radio compass installation.	W
412464	4/19	NY	Sub report on radio compass calibration.	610-771
412464	4/19	NY	Sub report on radio compass calibration.	610-771
412464	4/19	NY	Sub report on radio compass calibration.	610-771

DIRECTOR'S FINDINGS

1948

Number.	Date.	From or To—	Subject.
✓ 408640	4-12	To Boston	Asks special attention be given to keeping radio compass stations in efficient condition W
✓ 409424	4-14	To N.Y.	Asks special attention be given to keeping stations in efficient condition/ W
✓ 409426	4-14	To Phila	Asks special attention be given to keeping stations in efficient condition W
410176	4-14 TO S&A	To Comdt Boston 10:10 Pwd	Gives allowance of tools and equipment for each radio comp sta in 1st Dist. W To NY- allowance of tools and equip will be as listed 4-16 To Phila allow of tools 4-16 To Boston allow of tools 4-16 To Norf- allowance for tools and equip for stations 5th Dist 4-17 To Chasn ditto 4-17 Apr 10:8
✓ 410400	4-14	To Naval Comm.	Asks detail to each District one man, instruct radio compass operators. W
✓ 410698	4-14	To Norf	Asks special attention be given to keeping radio comp stations in efficient condition W Apr 4:20

DIRECTIONS FINDERS

Number.	Date.	From or To—	Subject.
410699	4-14	To Chasn	Asks special attention be given to keeping station in efficient condition W
411681	4-15	Insr Keyport	Shipment order be issued covering radio app listed.
411232	4-16	To Phila	Reqs representative bring with him sample coil, constructed at Phila Yd. W.
410595	4-17	To Y&D	Reqs furnish estimates in conn w purchase of six 100' steel masts, tubular, W Y&D - 4:22 To Y&D - Makes allotment. 4-26 W Y&D - 5:5 To Y&D addtl allotment of 10,440.00 made 6/25 To Y&D - addtl allotment 5/28
412023	4-18	CO DESTROYER FORCE	Reqs permission to permit unilateral on radio contacts destroyer force, and to use only bilateral. To R. Otilla - two dest force. autho granted to dismount unilateral antenna 4-19 W
410693	4-15	To Phila	Reqs furnish estimates in conn w purchase of 100' steel masts, tubular, W SA 101a and 101b of 180, 30 inch radio compass coil W
410241	4-19	To CER	Sum of \$100 allotted to cover cost of removal and reinstallation. PW TOPEKA to SP EDWARDS. W CER - Copy of let to Boston authorizing work 3:21

N.S.E. Form 134.

DIRECTION FINDERS

131W

Number.	Date.	From or To—	Subject.	
409428	4-9	To Boston	Installn Watch Hill being accomplished by Yard N.Y. W	
409431	4-9	To Phila	Instrus to prevent re changes affecting operation stations 4th Dist. W	
410155	4:4	USS FLEET	Req services of men listed attached to radio compass office Boston for over hauling of radio compass of Fleet. W	
410241	4:10	Boston	To PHA NSVL- men for radio duty ordered to report- 4-12 To NY- reqst orders be issued men listed 4-12	
			Req authority and allotment to cover removal radio compass house USS TO PHA and installation on EDWARDS. W	
409064	4-10	To Chasn	Authorizes installn Georgetown Lighthouse radio storage battery. W	
			To Chasn- reqst expedite installn 4-22 Charleston 4:28	
409423	4-10	To Norf	No changes be made in wiring or arrangement of a para us, as metallic objects remain in same position as when station calibrated. W	
409426	4:18	Phila	Radio number or ensign be detailed. To PHILA-Detail of Chief Elec. sent to BU 4:25	W

DIRECTION FINDERS

Number.	Date.	From or To	Subject.	
✓ 409427	4-10	To NY	Reqt report be submitted installn OG 58 at Watch Hill- W 25 1-1- reqt confirmation of info recd 5-15 NY- fws report 5:20 NY- Calibration curve Watch Hill Comp Sta	5,27
✓ 409604	4-10	To Chasn	Instruc to prevent error in radio compass readings, no changes be made in ar angement W	
✓ 410177	4-11	To Commissioner Lighthouse <i>kept close</i>	Reqt prints of property owned or leased by Bureau L.H. on Pacific Coast be submitted with data W	
✓ 410179	4-12	To Insp'r Brooklyn	Reqt inspection plant and factory, fwsd report covering re factory Dillwood Mfg. Co. W Insp'r Brook-Sub report on Dillwood Mfg Co. 4;16 To Brock- fwsd plan 4-23. Insp'r Brook-Reports plans on investigation of Dillwood Mfg Co. 4-24 To S.A.- report of Insp'r 5-6	
410532	4;11	Norf	Req and instruction book for radio compass. fwd Phila 4-14	
✓ 410590	4;12	Dept	Copy of tel to 5th Dist directing detailed chaser equip and will radio to report to Newport for duty in connection with calibration of radio compass.	

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
408627	4-7	To Boston	Reqst list of apparatus be fwd, station Surfside Nantucket Mass. inventory W Boston - 4;17
408628	4-7	To Boston	Reqst list of apparatus be fwd, station Price's Neck, Newport, inventory W Boston-lists app installation at com. ass station Procs Neck. 4;21
408637	4-7	To Boston via S&A	Reqst typewriter for Bar Harbor, approval in advance, reqst expedite W
408638	4-7	To Boston via S&A	Reqn approved in advance for typewriter Dana's Cove Island, reqst expedite W
408639	4-7	To Boston via S&A	Reqst approved in advance, typewriter for Appledore, Is. reqst expedite W
408642	4-7	To Boston via S&A	Reqn approved in advance, typewriter for Gloucester, expedite W
408641	4-8	To Boston	I nstructions to prevent, affecting operations radio telg stations 1st Dist. W
408640	see card 88		

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
408842	4-8	To Boston	Wda copy of instructions W
408843	4-8	To Boston	Regst approved typewriter for Fourth Cliff Sta. W
408844	4-8	To Boston	Regn approved typewriter, North Truro sta W
408841	4-9	To Boston	Regst approved typewriter Deer Is. W
409061	4-9	To S&A	Regst shipment from Chincoteague, Va. CG. Station 150 to Norf. for disposition by Officer Smith Is. W RB 5;19
409062	4-9	To S&A	Confirms phone conversation; re three radio compasses shipt to Quincy for destroyers 252 253 254 April 15th- W
409425	4-9	To N.Y.	Regst make no changes affecting operation, W

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DIRECTION FINDERS

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Number.	Date.	From or To—	Subject.	
407715	4-5	To Y&D	Reqst construction of house for trans station Georgetown Lighthouse North Island, S. C., sum of \$400 allotted	W
407717	4-5	To 3&A	Req shipment frn Fleet Base to Chasn radio trans set, W	
407964	4-4	To 3&A	✓ Req shipment from Washn to Chasn, wavemeter for installn G orgetown LH North Is W RR 5:29	
407980	4-5	To Boston	Reqst list of appr installed at C. G. 2 Cross Is similar to condensed inventory compiled at end of quarterly inspections be fwd W Boston—List app installed Cross Isl. 4:12	
408422	4-5	To Comdt Boston	Reqst list of appr, re Bar Harbor be fwd W Boston—list app installed Har Harbor. 4:12	
408439	4-5	To Chasn	Instructions re installn of apparatus at Georgetown Lighthouse W	
408444	4-5 4:12	To Boston Boston—List app instal at Damiscove,	Reqst list of appr be fwd, re Damiscove Is similar to inventory W	

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
408445	4-5	To Bostn	Reqst fwd list of appr installed at Appledore Is, similar to condensed inventory compiled at end of quarterly inspec. W	
408455	4-12	Boston	List app installed at Appledon Isl.	W
408648	4-4	To Chasn	Author to installn, one Lalley engine, Georgetown Lighthouse Sta. W	
409111	4-4	Phila	Conf tel conv in con with checking over radio compass coils data.	W
407188	4-7	To C&R	Reqst make arrangements del 200 radio compass houses navy type SE 1513, Phila for installn vessels. fwd drawing W C&R - 4-24 fwd C&R 5-28	
408446	4-7	To Boston	Reqst list of appr ins allied at Gloucester be compiled inventory. W Boston-list app installed Gloucester. 4-12	
408452	4-7	To Boston	Reqst list of apparatus installed at Deer Is be fwd. inventory W Boston-list app instal at Dere Isl. 4-12 To Boston- reqst locate batteries 4-17	
408453	4-7	To Boston	Reqst list of apparatus be fwd. inventory Hunkerock Mass stations W	

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DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
✓ 407177 <i>see Ind 82</i>	4-2	To C.G. Coast Guard- 10/22/21. W.	Re letter 3-31 to Secty Agriculture, establish of direct telg and telg commun between plotting room CG 161 Cape Henry and Virginia Beach sum of \$400.00 allotted cost of - W To CG- re establishment of- instruc 4-11 Coast Guard- Work completed - request transfer of money. 5/29 W	
407181	4-2	To CG	Regst telg and telg cable be shifted, re improvement of operation of rad comp CG 150 Hog Island W Coast Grd- Issue instructions. W 4:5 Coast Grd - 4:30	
407277	4-2	To S&A	Req shipment from Phila to Otter Cliffs- portable Weston voltmeter. W Received back 4:21	
407408	4-2	To Communications	Correction sheets for Cape Hatteras W	
407276	4-2	To S&A	Req shipment from Phila to Boston Weston voltmeter for Cross Is. CG 2 W BB 4:34 Phila 4:12	
✓ 408215	4:3	DeForest Co	Req place name on mailing list in con with bids on compass receivers. To- advises will do so 4-7	W
408377	4:3	Boston	Req airplane rec and control panel be shipped to Boston for use in test on Cromwell. W	

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
407418	4-4	To Norf	Fwds corrected sheets for Cape Henry, 600 and 952 meters W	
407712	4-4	To Communications	Fwds corrections sheets, for Cape Henry. W	
407698	4-3	To Comm	Reqst steps be taken to simplex existing tel line between Chasn and Morris is allots of \$100 W	
407714	4-4	To Chasn	Reqst stations be erected at Georgetown LA. W	
407776	4-4	To Boston	Reqst report be sub. re status of CX 58 Watch Hill W Boston-fwds description. 4:10	
406859	3:3	Boston	Radio compass station instructions fwd. 12, copy. W	
407353	5:2	To S&A	Received back 5:24 Shpmt order 4/2 R B 5/31	

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DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
407182	4-1	To Phila	Reqst fwd two sets of prints of drawing 69F 1035 radio direction finder. W Phila-Fwas prints 4:8	RL
402523	3-31	To Comdt, Washn.,	Authorizes mfg of three amplifiers similar to French type L-3, sum of \$300.00 allotted, for use install trials -	
407736	2:26 3:2	CO HENDERSON COM	Sub report on radio compass bearings.	W
407923	3:28	Pg Ed	Fwds prints of special radio report with radio compass chart with possible location at mouth of Col River.	W
407961	4:1	Bu Stand	Radio compass variation, submits report on observation taken at New Brunswick on long continuous wave. To Western Elec- fwds copy of report 7/17	
407188 Old No.	5:6	C&R	Fwd. C&R-Reqst issue instruc for shipmt.	5:21

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
406243	4-1	To S&A	Reqst shipment from Washn to Rockaway Beach telephones W
406244	4-1	To S&A	Req shipment from Washn to Sandy Hook, telephone equipment W
406245	4-1	To S&A	Req shipment from Washn to Mantoloking telephone equipment W Com Super MX - 4:30
406246	4-1	To S&A	Req shipment from Washn to Cape May, telephone equipment W
406247	4-1	To S&A	Req shipment from Washn to Cape Henlopen, Lewes Del, tel equipment W
406248	4-1	To S&A	Req shipment from Washn to Norfolk tel equip ment W
406249	4-1	To S&A	Req shipment from Washn to Charleston, tel equipment W
406250	4-1	To S&A	Req ship from Washn to Charleston, tel equip for Charleston Lighthouse Morris Is W BB 5:19
406233 Old No.	3:29	To S&A	Received back 5:9

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DIRECTION FINDERS

Number.	Date.	From or To--	Subject.
406240	3-31	To S&A	Reqst shipment from Washn to Newport R.I. radio apparatus for Prices Neck CG 53- RB 5:5
406241	3-31	To S&A	Reqst shipment from Washn to Montauk Pt radio appr for
406242	3-31	To S&A	Reqst shipment from Washn to Fire Is. radio appr for RB 4:22
406491	3-31	To N.Y.	Reqst install 3/4 KW gasoline engine charging unit CG 97 Sandy Hook in bldg/ sum of \$50.00 allotted to cover work To Y&D- sum of \$250.00 allotted 4-1 Phila-Submits recommendations. 4:21
406497	3-31	To Phila	Reqst recom be submitted embodying material within reason necessary to oper at, comfort personnel of radio compass stat dist.
406680	3-31	To Secty Agriculture	Advise steps taken establishment of direct telegraphic and telephonic commun between CG 161 Cape Henry and Virginia Beach necess installn of metallic circuit, ask formal permission-
407177	4:8	Coast Grd	Re cable bc shipped to Coast Grd Station 161. Coast Grd-Estimated cost cov additional wire. W 4:8 To CG- re shipment from Newport 4-12

DIRECTION FINDERS

Number.	Date.	From or To--	Subject.
406681	3-31	To N.Y.	Reqst recom be submitted embodying material necessary for comfort personnel stations within dist. N Y 6/12. Montauk. Makes rec for. W
406682	3-31	To Norfolk	Reqst recom be sub embodying material necessary for comfort personnel stations within dist.,
✓407353	5:25 5:27	Coast Grd Com	Req cable for Coast Grd line, Grays Harbor, Col. River, and radio compass station at Coast Grd 309 and North-head, Wash., recs approval. W To S&A req ship from Boston to CG 309, cable for Grays Harbor 4-2
406690	4-1	To Charleston	Reqst recommendations be submitted embodying material for operating personnel of compass stations in first naval dist. W
407178	4-1	To Norfolk	Reqst 140 sq ft of linoleum be shipped to CG 155 Hog Island, for flooring purposes-
407179	4-1	To Y&D	Reqst walls of CG 157 Smith is be lined with beaver board, and floor be covered with linoleum- sum of \$100 allotted for cost of-

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DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
406880	3:29	Boston	Fwds radio compass calibration curves for McKean and Barney.	W
406232	4:3	Boston, Fwd	[Old Number]	
405679	3-28	To Phila Tel	For Dist Radio Material Off SE 1012 receiver expressed from Washn March 25th lading one two nine eight three W	
406252	3-29	To Phila	Agost fwd two sets of candle prints of instrum booklet for type SE 995 radio comp Phila-Fwds radio compass instruction pamphlet. 4:8	
406815	3:29	Boston	Fwds compass calibration curve for Damiscove Isl and Dara Isl.	W
407134	3:31	Com	Recs radio compass station authority for Ground Isl be located in vicinity of Timbalier Bay.	W
406348	5:1	TO S&A	Received back 5:6	

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Number.	Date.	From or To—	Subject.
407231	3:28 3:31	1st Dist Com	Humarock Compass Station, quarterly in- spec report of. To Boston—, reqst estimate be sub 4-4 R D 4:25 with plans.
406233	3-29	To S&A	Reqst shipt from Washn to Boston radio apparatus for station Cross Island—
406234	3-29	To S&A	Reqst shipment from Washn to Bar Harbor Otter Cliffs, radio apparatus for— RB 5:2
406235	3-29	To S&A	Reqst shipment from Washn to Boston for Demiscover Is, radio appr— RB 5:9
406236	3-29	To S&A	Reqst shipment from Washn to Boston radio appr for Appledore Is.
406237	3-29	To S&A	Reqst shipment from Washn to Gloucester a. apparatus for C. G. 23—
406238	3-29	To S&A	Reqst shipment from Washn to Boston, appr for Deer Island Shipment order of 3:31 RB 5:1
406239	3-31	To S&A	Reqst shipment from Washn to 4th Cliff, Humarock Mass via Sea View, appr for

DIRECTION FINDERS

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Number.	Date.	From or To—	Subject.
405327	3-26	To Operations	Asks that cruiser or larger vessel be assigned for purpose of making complete and exhaustive test of stations listed, now in operative condition and ready for service-
405663	3-24	To Phila	Request five copies of radio compass instruction pamphlet RL 69A 171-
406108	3-26	Ph	States Cape May, Cape Henlopen and Bethany Beach radio stations ready for operation. W
400569	3-27	To N.Y.	Comments on reports recd operation of radio compass installn on ships and stations of 3rd Naval Dist-
405740	3-27	To M. Island	Report request on status of compass shore stations at Parallon Is. and Pt Arguello Cal. M - 4:26
405741	3-27	To Puget Sound	Request report status of stations Tatoosh Is Washn and N. Head Washn. Encl - Special Report. 4:15

Number.	Date.	From or To—	Subject.	
406570	3:20 3:28	1st Dist Com	Reports interference with radio compass calibration at Newport. Fwd Boston 4-4 To Naval Operations-Calibration of radio compasses on vessels. 4:24 W Boston-Reqst calibration location on destroyers. 8:13	
406571	3:22 3:28	3rd Dist Com	Radio compass station at Montauk, reports errors, confiscation. To NY- sum of \$ 100 allotted 4-2	W
406574	3:22 3:29	1st Dist Com	Quarterly inspection report of radio compass station at Maine. To Boston- reqst estimate stat Cross Is 4-2 W Boston 4:5 To Boston- sum of \$300 allotted 4-12	
405685	3-28 To Cdt skins to	To Comdt Boston Boston- issue of oil station at N Truro 9/8	Reqst recom be submitted embodying material necessary for operating personnel of radio stations in first dist- Boston 5:27 Boston-Recs oil cloth be added to equip. 8:16 To Boston-Gives equip to added to other equip ord. 8:22	
406738	3:29	Dept	Copy of despatch to USS PERLA and USS JIS directing conduct test with radio compass sta.	W

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DIRECTION FINDERS

Number.	Date.	From or To--	Subject.
404775	3-24	To Communications	Stations, Georgetown Lighthouse, Charleston Lighthouse, ready for service--
405632	3-25	Boston Tel	Damiscove calibration of radio comp station comp To Commun- compl of 3-26
No No	3-24	To Phila	Reqt Bu be supplied with five copies of radio compass instruc pamphlets EL 698 122.
404768	3-25	To Comdt Boston	Info reqstd re progress made on station C.G. 2 Cross Island Me.,
404769	3-25	To Boston	Info reqst progress station report CG 14 Appledore Island Boston - 3:27
404770	3-25	To Boston	Info reqst as to progress being made on report on location for radio transmitting station to be used in conn with CG 8 Damiscove Is. Boston - 3:27

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
404782	3-25	To Phila	Reqt two prints of sheets three and four of radio compass instruction pamphlet RL 69A 171 Phila-Lwds photostats. 4;7	
405887	3:21 3:25	4th Dist Phila	Reqs. as driven gen be instal at Cape Henlopen. To Phila- sum of 150 author to cover 4-18	Q
405843	3:26	Ph	Req authority for radio comp instructions. To Phila- asks prepare and sub to Bu ream, W for 400 addtl copies of instucns 4-21	
405968	3:21	H W McCormick	Report of visit to Pacific Coast also in con with recs of MI radio comp station.	W
406008	2:11	1st Dist	Adv to cont operation of compass station office Newport.	W

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.
404397	3;18	Ph	Conf tel conv concerning instal req on design on marble radio compass. To Phila- asks report 3-28 Phila 4;3 ? / Phila 4-2 To Phila- reqst report 5-12
404568	3-20	Communications Supt	Copy. Submits report of location of MELOSE as reported to Compass Station
404935	3-19	U.S.S. ROPER	Request be furnished with a list of all radio director find. station. To CO- fwsd list of stations 4-1
405077	3-21	Boston	Fwsd radio compass calibration grooves for survey surfside station.
✓ 405115	3-22	Y&D	Request additional allotment covering alterations to radio compass station building at light house. To Y&D- allotment of \$54.40 made 3-26
404098	3/14	Anacostia	Sub report on exp to dist what deviation of airplane compass is caused by radio app in its proximity W 918

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
403107	3-18	Hamp Rds Tel	Direction finder test set must have bat and new tubes for cont of test W	918
403692	3-21	To Comdt Washn	Reinst type SE 1440 receiver be provided with standard load coils spaced 2" apart—	
404763	3-24	To Comdt Boston	Re install on MCKEAN amplifier taken from POTTER, balance of receiving equip to be withdrawn from store at yard, also advise steps taken to supply Boston with two radio compasses to take care of emergencies of this nature— W	
404772	3-24	To Communications	Advise radio compass stations at Boston Harbor are ready for operation, Gloucester Deer Island, Poughkeepsie Cliff, North Truro, calibrated and ready to furnish ships entering harbor with bearings—	
404773	3-24	To Communications	Stations, Cape May, Cape Henlopen, Bethany Beach, ready for service—	
404774	3-24	To Communications	Stations Hog Is, Smith Is, Cape Henry, Cape Hatteras, ready for service—	

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DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.	
403249	3;15	Boston	Fwds prints and radio compass curves destroyers listed.	W
403253	3;14	Boston	Conf tel cov asking if test of dist radio compass stat has been postponed.	
403578	3;15	New York	Radio comp instal, fwds rep on status of work at Yrd.	
403785	3;18	Mazer Acoustile Co	Req app to bid on additional radio compass houses.	W
403916	3;19	Dept	Author instal of shore radio comp on points listed.	W
		MI-list stations which will	Dept-Authorizes instal of compass in vicinity of points listed.	
		req sets with estimate cov. 5:23	Com-4:2-Sub tentative program for Pac Coast	
		Pg Sd-T-Recast traveling orders	Radio Compass Organ. "W" To Puget Sd T 8/28	
		for W E White and RJ Griscol. 8:23	Sub report on radio compass bearing.	W
403918	3;18	CO BOSH New York		

Number	Date	From or To	Subject
403052	3:17	To Com Wash	Method sug by NY for mod rec to inc sharpness of radio comp.
403411	3-18	To Y & D	Additional allotment for teleg for Radio Comp Station W
403412	3-18	To Phila To Phila- report of ship	Shipments of radio teleg compass W To Phila- asks report dates of shipmen 4-14 To Phila- asks on amount of compass 4:16 To Phila- asks weekly reports be continued Phila- cont ltr communication. 4-17-19 Phila- 4:25 Ph-Weekly report 5:12 Radio req of Sandy Hook 4:9 fwd NY 3-29 Received Back 4:9
404004	3:19	Phil- 5:5 of radio compasses desirable 5-8 To Phila- recd appr be shipt to receiving ship San Frisco 6-10 SEA	
404042	3:15	Boston	Status of compass stations, Cross Isl. Bar Harbor, La. Gave, Applecor, Alondostan, Dere, Fourthcliff and North Arund. Isls.
403618	3/17	Boston	Req typewriter by sup to radio comp stations listed. 722

DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.	
401308	3:9	2nd Dist	Req authority in regard to space radio comp app at Coast Grd Sta 46. To S & A 3-15 recu shgmt radio comp coils in Mantucket Mass to Sup Off Phila To Mass 3-15 Issues shpg instrns...	
400035	3-5	Boston (T)	Submits status of radio compass stations in district - W	
402194	3:15	To S&A	Req one radio comp coil be shipped from Ph to Norf. To S&A with installn 5-29	
401639	3:10	Phila	Conf tel conv rel to ship of radio compass to Norf for stock.	W
401999	3:4	TO S&A	Received back 4:25	
400423	3-10	To NY	Sum of \$500.00 allotted- CG Sta 107 Mantoloking- W	
402350	3:12	Phila	Conf tel conv rel 6 ft coil system being shipped to Norf for stock.	W
402348	3:12	Boston	Exds radio calibration curve, sta listed. To Comm 3-17 receipt of W	W
374604	3-13	To Cherrystone Is	Reqst acknow receipt of shipment 2-6th	

DIRECTION FINDERS

Number.	Date.	From or To -	Subject.	
✓ 401246	3-13	To S&A	Req shipment from Norfolk to NY radio motor generator- To NY- advises to turn into store NY 3-24 RS 4:30	
401251	3-13	To S&A	Req shipment from NY to Newport radio teleph set- To S&A req cane 3-27	
401478	3-13	To S&A	Req shipment from Phila to Nantucket Weston Voltmeter-	
402327	3-13	Marine Corps	Req authority for Marine Officers to witness test at Compass Sta and operation for New York. To Co. U S Marine Corp To Marine Corp 3-17 New York 4:25	W
402522	3-15	To Director Naval Communications	Fwds letter giving latitude and longitude for Radio Compass Station Va.	
402523 see card 83				
402352	2:21	Com	Fwds copy of correspondence on prop tel line con compass stations at Hog Isl, Fishermans Isl.	
402612	3:8	Ph	Radio compass, req instruc in con with storage, shipment etc.	W
403105	3:15	Cape May	Compass Sta at Cape May Lewis and Bithony Beach ready for operation.	W

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DIRECTOR VES. S.

Number.	Date.	From or To--	Subject.
400139	3-8	To Norfolk	Info re correct address, Radio Compass Stations, in 5th Naval Dist
400186	3:15	New York	Powhattan.
400190	3-8	To Charleston	Info re correct address radio Compass Stations in 5th Naval Dist Charleston - 3:11
400418	3-8	To Boston	Re: radio compasses to be calibrated for 952 meters as well as 500 meters.
400419	3-8	To N.Y.	Re: radio compasses to be calibrated for 952 meters as well as 500 meters. New York 4:12
400450	3-8	To Manila	Re: radio compasses to be calibrated for 952 meters as well as 500 meters.
400421	3-8	To Norfolk	Re: radio compasses to be calibrated for 952 meters as well as 500 meters.

DIRECTIONS FINDERS

Number.	Date.	From or To--	Subject.
400187	3-10	To NY	Info re: correct address when supplying material for compass stations 3rd Dist-
400410	3-8	To S&A	Req shipment from Washington to Westerly R.I. C. G. Station 58 radio head telephones Received back 4:14
400569	see card 80		
400422	3-10	To NY	Sum of \$500.00 allotted maintenance of stations Montauk-
400657	3-10	To Boston	Reqs report on location of station CG 2 Cross Island Me..
400558	3-10	To Boston	Reqst report location of station CG 8 Damiscove Island Me. Boston-Req allot \$200. 8:16
SEE 100	3-22	To Boston	Boston-Fwds prints rec rel to estab of station, at Damiscove Isd. W 4:4
400659	3-26	To Boston	To Boston- space available 4-10 4:4
	3-26	To Boston	Reqst allotment of \$200 8:26
	3-26	To Boston	Reqst report location of station CG 14 Appledore Is Me. Boston-Fwds prints with estimate. 4:4
	3-26	To Boston	Asks estimate of cost To Boston- asks estimate be sub 4-8
401329	3:10	Phila	Asks if radio comp inf shall still be confid confidential. To Comdt Phila- info req answer by circular letter of 3-24th, 3-24

DIRECTION FINDERS

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Number.	Date.	From or To--	Subject.
399614	3-7	To Comdt 2nd Dist	Gives summary of correspondence on establish of station watch list.
399615	3-7	To Comdt 2nd Dist	Request calibrations be made without delay re operation of radio compass stations-
399616	3-7	To Comdt Phila	Request calibrations be made without delay-
399617	3-7	To I.Y	Request calibration be made without delay- New York 4:15
399618	3-7	To Norfolk	Request calibrations be made without delay- Norfolk 3:17
400033	3-7	To Nav Communications	Encs copy of despatch 17405, re compl of CC 2 Gross Is Me, calibrated and re op of radio compass stations to Boston 1-3-7
400130	3:10	Boston	Give correct address of sup material to radio compass station

DIRECTION BUILDERS

Number.	Date.	From or To—	Subject.
400178	3-7	To C. Mason	In order to calibrate all radio compass stations for 930 in time, necess to calibrat same, request expedite—
400180	3-7	To Boston	Info request re correct address to which be used when supply material to Radio Compass etc in 1st Nav-1 Dist—
400183	3-7	To Director Commun.	Send copy of Boston dispatch 17405 re CG Sta 28 4th Cliff Lumbrock Mass
400184	3-7	To Communications	Send copy of Boston dispatch 17405 re 10001 of CG 36 North Truro Mass
400185	3-7	To Communications	Send copy of Boston dispatch 17405 re compl of CG 43 price's back report
400186	3-7	To NY	Continues 2 and 300-100 131- req t that 11 of radio compass be made on re-attach.
400188	3-8	To Coast Pilot	Info request as to correct address radio compass etc in 4th Nav Dist

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DIRECTION FINDERS

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Number.	Date.	From or To—	Subject.
399231	3-5	To Y&D	Re alteration of rooms in CG bldg 58 Watch Hill New London Base 5:2 To NLondon- info-req that Genco battery for Watch Hl 11 C 58 recd. reqst verifico 5-6 Y&D- 5:16
399232	3-5	To 2nd Dist	Recd installn of radio compass coil and receiving apparatus in CG bldg 7 Watch Hill-
399485	3-5	To Y&D	Sum of \$50.00 allotted cost of installn of radio compass Watch Hill-
		To Comm- fwds copy of Sub Base letter 4-5	Y&D- Copy of letter to Sub base. W 4:5
		4-11-12- fwds prints of Watch Hill Compass Station. 4:25 W	Y&D- Reports on latitude and longitude Watch Hill Compass Station. 4:10
399486	3-5	To 2nd Dist	Sum of \$60.00 allotted for installn of radio compass Watch Hill-
399487	3-5	To 2nd Dist	Recom are approved re equipment for CG station 58 Watch Hill, office and personnel-
399833	3-4	Boston	Had to compass calibration curves for destroyers listed - fwds - W

Number.	Date.	From or To—	Subject.
400333	3:5	Boston	Kwds radio compass calibration curve ships listed.
400300	3:6	Com	Recs shore radio comp sta at Assatengua Isl be abandoned. To Commn-advises steps have been taken to abandon station 3-26
400568	2:17	NY	Radio comp instal on ships and stations, detailed comments in con with operation of.
400603	3:7	Com	Req radio transm formerly at section base 2 be instal on North Isl.
400954	2:19 3:7	Charleston 6th Dist	Proposed radio comp station on Isl of Palms recs in con with, estimate cov.
401037	None	Boston	Kwds radio compass and calibration curve.

Number.	Date.	From or To—	Subject.
398799	3-3	To Norfolk	Asks status of each Harbor Station. 1st Dist re progress Norf-1-3-7
		Norfolk 3/5 (T) Gives dates stations will be in operation -	Norfolk-Additional men and material being sent to Smith Isl Comp Sta. W 3:11
398800	3-3	To Phila	Request 1st Dist be supplied with 2 copies pamphlets R 1 694 171 covering descrip- tion, instruction and calibration of radio compass type SE 995- Phila 3:14
398803	3-3	To 1st Dist	Phila has been request to supply two copies of instruction and calibration of type SE995 radio compass-
398804	3-3	To MERCURY	Asks instruction pamphlets request
398805	3-3	To O E Campbell	Asks how taken up with CG question of a long help service over it. Lines author granted-
382601		FROM CARD 53 Norf- Submits corrections on POC card 53. 8:13	Norfolk 3/3 Norfolk 3/3 Norf-Lists transf of equip with radio comp. 3:6 Norf-Instal of radio compass on Huron comp 7th. 3:11 W Norf- 3-21 Norf- 4:26 Norf-Status of radio compass instal ships listed. 5:12

DIRECTION BUILDERS

Number.	Date.	From or To—	Subject.
397612	3-5	To Comdt 2nd Dist	Enl. report on location of radio compass station CG 58 Watch Hill RI-
397964	3-5	To NY	Re: prints showing location and surroundings of CG 137 Manitoaking be and Bu-
398300	3-5	To Comdt Boston	Wds print showing bldg erected Fourth Cliff Mass- request wires be re-laid by ropes in order to avoid possible interference with-
399229	3-5 Coast Grd 5:2	To Coast Guard	Request permission re use of Coast Guard bldg Watch Hill for establishment of radio compass station at this point. To Coast G- author sum of \$200.00 \$-50 awded S&A 6-70
399221 8	3-5	To Comdt Boston	Wds print showing bldg erected at Gloucester, request station be securely anchored with Manila rope-
399230	3-5	To Coast Guard	Sum of 3000 allotted re const of work CG sta 58 Watch Hill- Coast Grd recs in con with laying sub cable between Narragansett and Coast Grd Sta 58. To Nav Comm 3-18 requ recommendations W Com 4:7

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DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.
398485	2:26	1st Dist	Req drawings cov descrip and instruc of operation and calibration of radio comp. W
398749	2:21 3:1	Charleston Y&D	Sub report of estab of lat and long Georgetown Compass Station. To Command- fnds copy of P works off letter 3-7
398750	2:21 3:1	Charleston Y&D	Sub report of estab of lat and long for Charleston Light House. To Command- fnds copy of P, W Xs letter 3-7
398714	2:28	1st Dist	Fwds req of Coast Guard Sta 23 on type- writer machine.
397971	3-1	T o CG	Fwds prints of drawings to CG 135A Re CGA 124A Re CG 127 HA 168A 125 6A Re CG 119A Re CGA 127 Re CGA 125
398797	3-3	To Boston	1st status of each Harbor stations in first Dist into progress To file ditto 3-3

DIRECTIONS FINDERS

Number.	Date.	From or To—	Subject.
397616	3-1	To Coast Guard	allotment of \$ 0.00 made cost of commun work between CG 135 Hog Island and CG 161 Cape Henry
398582	3-1	To Coast Guard	Re cable for use in comm with all comp stations at Cape Henry Light, and Hog Island, advises removal of cable is to CG 157 arrangement made to furnish this place with commun
397615	2-28	To 5th Dist	Re at is req'd furnishing C. to of comm of stations CG 183 Capeatteras dist of 5 ft coil
397613	2-28	To Norfolk	Reat exn dte work and report weekly re maintain a vessels of the port force
398581	3-1	To East. R.	Author to del to CG ship rubber sixteen miles of four 1/2 inch rubber in 1/2 in. submarine cable for use in connecting with Comm. Sta with Cape Henry— To CG— asks be notified of progress of 3-26 Coast Grd—Progress of laying cable at entrance of Chesapeake Bay 3-28 Re 3-28 in 1/2 in. 1/2 in. cable and auxiliary rooms masters 22-71
397762	3-1	Fwd CoR	

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Number.	Date.	From or To—	Subject.
396312	2-24	To C. at 5th Dist	Was report on location of radio compass stations CG 157 Smith I Island—
396313	2-24	To C mdt 5th Dist	Allotment of 500.00 made for the intenance of stations Smith Island— ~~a-----land~~
396314	2-24	To 5th Dist	Re change of location of stations CG 157 on Smith Island
396322	2-24	To YAD	Allotment of 350.00 made for work CG 157 Smith Island—
396466	2-24	To 5th Dist	Summary of correspondence on establishment of CG station 157 Smith Island
396916	2-24	To JAA	Recd shipment from Phila to Boston Radio amplifier and radio stor batteries Received back 4:9
396918	2-24	To 5th Dist	Recd unused portion of yearly maintenance allotment letter J an lth be cance

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DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
396045	2-25	To Y&D	Allotment of \$500.00 made to cover cost of charges location of CG 157 Smith Island	of
398131	1:30	USS Calamores	Reports of bearings furnished by NY Radio Comp Sta.	W
398342	2:26	Ph	Conf tel conv in con with prog of radio comp instal at Bethany Beach, Del	
398375	2:26	Boston	Fwds prints of radio com calibration curves, vessels listed.	W
398300	2:27	Com	Fwds prints showing radio comp station at Gloucester at Fourtnclyff.	W

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DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.	
397318	2:20	Com	Fwds inspec report of Dere Isl Comp Station.	
397471	2:19	Boston	Radio booklets, fwds copy instruc and radio compass primer. Boston 2/19 Fwds Booklets of instructions covering - Boston 3-22 Fwds pr int.	
397762	2:12 2:25	Destroyer Force CAR	Instal of radio compass house and radio room on destroyer 22-74, recs for suitable location to be found.	W
397502	2:24	Phila	Radio compass assembly and house.	
397339	2-26	To 2nd Dist	Report present status of radio compass stations CG 13 Protons Point.	

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Number.	Date.	From or To—	Subject.
397341	2-26	To Comdt Phila	Reqt all future radio co pass shipment copy of instructions for operations be included-
397614	2-26	To 5th Dist-	Report restd furnishing date of completion after loss of CG 161 Cape Henry- 5th Dist 3/3
391887	2-24	To Comdt 5th Dist	Reqt report on calibration of radio compass stations Fishermans Island Va- re removal to Smith Island-
396046	2-24	To Y&D	Reqt after changes in letter 2-20 have been accomplished and stations established on new location Fishermans is req work is listed be performed-
396047	2-24	To 5th Dist	Reqt work as listed be performed after establishment of station on Smith Is
396311	2-24	To CG	Re location of stations on Smith Island and permissions reanted to quarter six men in old CG bldg dormitory- CG 157

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DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
396600	2:10 2:19	2nd Dist Com	Fwd's prints showing genl lay out Coast Grd Sta 58 with reccs. Dept-Author instal radio compass batteries listed. W 2:13	W
396706	2:18	Phila	Recc change in spec for radio compass parts.	W
396731	2:14	1st Dist	Rel to comp of instal for com wires with radio compass station at Bar Harbor.	W
396802	2:19	Phila	Fwd's drawings cov test of radio compass instal at Cape May and Cape Henlopen.	W
395425	None	Phila	Conf tel conv in conn w nsc to comp cont units started at Wash Yd for radio compass apparatus	918

Number.	Date.	From or To—	Subject.	
396741	2:20	Com	It Appleby report on inspec compass station at 4th Cliff, Mass.	
396941	2:20	Boston	Req ship of spare radio compass to Newport for instak on newbrd vessel which may need same.	
397022	2:20	2nd Dist	Req compass station 53 be granted appropriation for gasoline house. To 2nd Dist- allotments of \$100.00 2-26	W
397023	2:20	2nd Dist	Req station 46 be given appropriation \$141. cov purchase of nails and storm windows. To 2nd Dist allotment made 2-26	W
397305	2:20	2nd Dist	Reqs comp radio compass with list of spares be shipped to Sup Of for stock.	W
397694	4:18	New York	Ands prints showing compass house Coast Grd 10	W

19 19

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.
> 395136	2;14	NY	Status report of compass instal on various ships. To—Cdr. 1st material has been supplied Nor. Navy Yd. 2/19
✓ 395663	2;11	Atl Fleet	Recs establishment of a base at Boston Yrd for instruc of personnel in con with instal and maintenance of radio compasses.
395301	2-18	To Cdt 2nd Dist	Rest report on present status of Radio Compass Sta CG #46 Surfside, Nantucket, Mass- W To 2nd Dist- re shipment of material 3-5
> 395892	2;14 2;16	Norfolk Yd	Fwds computation showing lat and longitude of compass station 5th Dist.
395084	2;15	Hampton Roads	Theoretical curves for radio compass boilers, fwds prints of. To—States that B. will continue its present policy. 124 W
396272	3;29	Fwd Barharbor	(Old Number)

Number.	Date.	From or To—	Subject.	
✓ 396283	2:6	G E Gas Co	Fwds copy of let to Coast Grd Sta. 23 req report on instal at plant.	W
396515	2:19	Com	Reqs radio compass instal Fisherman's Isl to be located Coast Grd Station on Smiths Isl.	
✓ 396516	2:19	Com	Fwds copy of circular let Feb 1 rel to naval vessels using their 755 meter tuned for own direction determination when work with radio station be calibrated. To Be Ld. - reqst calibrations be made 3-6	
3-5208	2/20	To Co. 1st. Nav. Dist.	Reqs. B. be notified if any other equip. is necessary for operation.	
396044	2/19	To Co. Post.	States that suit orific. is granted to ins. all equipment. Boston App assigned Drayton had been instal USS HARDING. 2:25	

DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.	
394377	2-13	To S&A	1st shpmt from Wash Yd to SO Phila Radio Material listed - W	
394378	2-13	To 4th Dist	Bur authorizes Comdt 4th Dist to install radio compass coil at Radio Compass Sta Bethany Beach CG #143, Del. W	1
394474	2-13	To 4th Dist	\$600. is allotted for yearly maintenance of Radio Compass Sta CG #143, Bethany Beach, W	
394614	2-14	To 4th District	Notification of establishment of a Radio Compass Sta CG #143 Bethany Beach, Del. W	
394615	2-14	To 3d District	Apparatus nec to complete radio compass installation on USS MONCOLIA has been shipt to Navy Yd N Y - W	
394999	2-14	Com	Fwds inspec report of Gloucester station.	

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Number	Date	From or To--	Subject
395018	2:12	2nd Dist	Req prints and data to be used for instruc- purposes by Engr force on radio compass instal.
395017	2:8 2:13	1st Dist Com	Compass station at Appledore Domino comp. For C. 1st. Nav. Dist. 2/24
395019	2:10	2nd Dist <u>WRONG ENTRY</u>	Compass station at Woods Hall dismantled and apparatus listed returned to Dist radio sup- officer. W
395089	2:13	Bu Standard	Radio director finder, sub report of between New Brunswick and Annapolis.
395208	2:13 Fnds 1st Dist 2:20 R B 2:28	Boston	List radio apparatus which has been rec for North Truro Station. To S&I - Rost shpmt from Wash to Boston, radio app listed- 2/18 Each Dist. of material from Wash to N. Truro for Nav. Radio Stn. 2/19 To S&I req shipment from Wash to Annapolis - radio amplified and batteries 2-34

DIRECTION FINDER:

Number.	Date.	From or To--	Subject.	
393859	2-11	To Comdt 4th Dist.	Re establishment of Radio Compass Station at Betheny Beach, Del., CG #143. W	
393174	None	European Force	Radio tel and compass, submits reports on. W	902
394083	2-12	To 1st District	Rqst weekly report progress Radio Compass Station - W	
394597	2-11	1st Dist	Submits status of radio compass station. W	
394707	2-13	4th Dist Com Super	Compass Station Cape Henlopen placed in operation. T	
394098	2-13	To Commodore Comdt CG	Rqst authority for establishment of a radio Compass Sta at CG #143, Betheny Beach, Del., W Coast Guard Authority to estab compass station at Coast Guard Station #143. 2-15	
394369	2-13	To Y&D	Rqst 1 portable wooden house be provided for purpose of establishing Radio Compass Sta at C G 143, Betheny Beach, Del. W	

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Number.	Date.	From or To—	Subject.
394370	2-13	To Y&D	Rqst concrete foundation be provided for gas engine charging unit to be installed at Radio Compass Sta CG #143 Bethany Beach, Del. W
394371	2-13	To 4th Dist	Fwds report on location of Radio Compass Sta CG #143, Bethany Beach, Del. W
394372	2-13	To 4th Dist	Rqst 5 ft. coil. Type SE 515 and receiving app be installed in house provided, \$600. is allotted to cover cost of above- W
394373	2-13	To 4th Dist	Rqsns are approved for 1 stove, chairs, bunks, bedding, etc. for 5 men at Radio Compass Sta, also typewriter and supplies nec for oper- W
394374	2-13	To 4th Dist	\$350. allotted to provide telegraphic commn between Radio Compass Sta CG #143 Bethany Beach and Radio Compass Sta at Cape Henlopen- W
394375	2-13	To Y&D	Rqst engineer from Phila Yd be sent to sta to establish true north and south line thru center of shaft of radio compass coil. \$50. is allotted for this purpose- W
394376	2-13	To S&A	Rqst shipment from NY Yd to Phila 1 3/4 KW 32 volt Genco gas engine- W RB 2:25

DIRECTIONS FINDERS

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Number.	Date.	From or To—	Subject.
392112	2-6	To Comdt 5th Dist	Gives summary of work to be accomplished at CG 155 Hog Island Sta Va
393579	2-10	Cape May T	Radio compass out of commission due to instal new table. Cape May T-Station again in commission. W 2:8
390485	2-8	To Dir Nav Commun.	Fwds copy of Bu Y&D ltr 1/30 for info. W
390605	2-8	To Dir Nav Commun.	The Radio Compass Sta Coast Guard #38 Fourth Cliff Mass is ready for operation as soon as personnel is supplied - W
391499	2-7	To Comdt Phila.	Rqst Bur be furnished 5 copies of radio compass pamphlet RL 69A 171 - W
~~393740~~	~~2-8~~	~~To Dir Nav Commun.~~	~~Radio compass out of commission~~
392116	2-7	To Dir Naval Commun.	Radio Compass Sta CG #155 Hog Isl. Va. is ready for operation as soon as personnel is supplied - W

Number.	Date.	From or To—	Subject.
392609	2-8	To S&A	✓ Rqst shgmt from Phila to Assateague Isl Vd 1 radio compass coil type SE-515- W
392736	2-8	To Comdt Wash	Rqst Navy Yd Wash manf radio apparatus listed and make shgmt to Navy Yd Phila- W ✓ to S&A req ship from Wash to Phila ✓ three switches and three controls 8/9 RB 9:30
392835	2-10	To Comdt 3d Dist	Rqst future reports status of transports AMERICA and NORTHERN PACIFIC be included and ST. PAUL eliminated - W
393011	2-8	To S&A	✓ Rqst shgmt from Wash to Assateague Island 1 pair standard radio head telephones, syringe hydrometer, etc. - W
393325	2-11	To 3d District	Rqst expedite installation of apparatus at Montauk station- W
393649	2-11	To 5th District	Rqst expedite installn of apparatus at Cape Henry Sta- W
393665	2-11	To Internatl RT Co	Rqst approx price on 50 sets of coils as described- W

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DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
392001	2;5	Y&D	Fwds prints showing latitude and longitude of Rockaway, Fire Isl and Sandy Hook compass stations.	
392143	2;5	Phila	Fwds descrip and instructions for operation of radio compass.	
391284	2/3	Dept Copy	DRAYTON:JENKINS:TRIPPE & PAULDING auth to remain at Bost to calibrate radio compass W	498
391282	2/3	Dept Copy	STEVEN:CASSIN:CUNNINGHAM:PORTER:WAINRIGHT: BELL STRINGHAM: & KIMBERLY authorized to 496 remain at Bost to calibrate radio compass W	
✓ 392794	2-9	Euro Forces	Fwds prints showing construction of radio inst on 750 W	
392106	2-6	To Y&D	Re letter January 18th- reqst work be accomplished soon possible, radio compass stations GEORGE HOWES.C.	
392107	2-6	To Y&D	Asks expedite work re Charleston Lighthouse Morris Island, S.C. TO Y&D re report of work 3-6	

919 DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.
392110	1-7	To 5th Dist	Radio compass station, Coast Guard #161 Cape Henry Va. Summary of work to be accomplished at this station.
392115	2-7	To S&A	Reqt shift Batteries head phones hydrometer from Wash to Hog Island.
392121	2-7	To S&A	Reqt shift radio compass coil with control and switches complete from Phila to Cape Hatteras. W
392123	2-7	To S&A	Reqt shift head phones, hydrometer, vacuum tubes, storage batteries, radio. from Wash to Cape Hatteras. W
392167	2-6		Detailed report on status of compass station at Rockaway Beach.
391119	2-6	To Coast Guard	Reqt permission be granted to make slight alteration to roof of CG Sta 161 Cape Henry, asks co-operations with- W
392111	2-6	To 5th Dist	Gives summary of work to be accomplished at Sta. CG 183 Cape Hatteras- I.C. W

DURING FIELD RS

Number.	Date.	From or To--	Subject.
391487	2/5	To Y&C	Re: that work be expedited at the Radio Com. Ass. Bldg.
391497	2/5	To I&D	Re: that concrete foundation be constructed to support the Genco Gas Engine
391883	2/5	To C. 5th Naval Dist.	States that encl. (A) is fwd. for information
391884	2/5	To C. 5th Nav. Dist.	States that Encl. (A) is fwd. for information
391885	2/5	To C. 5th NavL Dist.	States that Encl. is fwd. for information
391887	see card 59		

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DIRECTION FINDING:

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Number.	Date.	From or To—	Subject.
391483	2/5	To S&A	Re: st. shift of material from Lark. to Monteloring for Naval Radio compass Sta.
391491	2/5	Shipment Order Fwd	Received back 2/8
391488	2/5	To C. 5th Nav. Dist.	Re: st. that work be accomplished without delay in order to render the Radio Compass Sta. ready for operation.
391484	2/5	To C. 5th Naval Dist.	Re: st. that a six foot coil be substituted for the present twenty inch coil at the radio Compass Sta.
391485	2/8	To C. 5th Dist.	Re: st. that a six foot coil be substituted for the present twenty inch coil at the Radio Compass Sta.
391486	2/5	To Y&D	Due to the importance of this S.A. it is re: st. that alterations be accomplished without delay.
392835	2-4	New York	List changes in radio compass installations week ending Feb 1 W

[OVER.]

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
391048	1:31	Com	Fwds copy of inspec report Cape Henlopen Station.	
391049	1:31	Com	Fwds copy of inspec report Cape May	W
391084	2:1	Com	Copy of procedure used in con with radio compass operation; fwds.	W
391738	2-3	To SEA	Re: ts shipment from Phila to Montauk Pt 1 radio compass coil	W
391740	2-3	To SEA	Re: ts shipment from Wash to Montauk Pt 1 short wave radio receiver To SEA Rqst above be cano as matrl has been supplied - W 2/8	W
391742	2-3	To SEA	To M ntau- reqst acknow receipt shipmer Re: ts shipment from Phila to Montauk Pt 1 radio compass coil To SEA 3-15 Radio Apparatus shipped RB	3-10 4:8
391749	2-3	To 3rd Dist	Re: ts installn of radio compass at Montoloking be expedited To 12- Reqst info re del of mate riel for Montoloking C: 107- 3-3	

DIRECTION DINERS:

Number.	Date.	From or To—	Subject.	
391727	2:4	Com	Fwds report of inspec of Cape Henlopen radio compass station by Lt Appleby. To 4th Dist- Fwdg Inspec report Cape Henlopen. Rest verify advice that sta is now ready for operation- 2/11 To Commn- Radio Compass Sta Cape Henlopen ready for oper as soon as personnel supplied- 2/18	W
391723	2:5	New London Exp Sta	Fwds detailed report on Radio Direction Finder.	W
391120	2/5	To Y&D	Rest. that the roof of the Coast Guard bldg. be altered in order to house this coil.	
391119	2:9	Coast Guard	Old Number	
391113	2/4	To C. 6th Naval Dist.	States that north & south lines should pass through the center of the shaft of the radio compass coil. Charleston-Report being fwd to Y&D 2:21	
391114	2/4	To C. 6th Naval Dist.	States that north & south lines should pass through the center of the shaft of the radio compass coil. Charleston-Have sub report on Y&D 2:21	
391121	2/5	To Y&D	Rest. that a concrete foundation be provided for the Genco gas engine	

MEDICAL RECORDS

Number.	Date.	From or To—	Subject.	
389711	1-30	To 1st Dist	Radio compass coil system for Damiscove shipped from Phila 1-23rd	Is - e W
389773	1-30	To 1st Dist	Radio compass coil system shipped from Phila 1-23rd for Cross Island La	W
389384	1-30	To NY	Parts & necessary to complete installn of radio comp's aboard MICHIGAN	
389684	1-30	To 1st Dist	Radio compass coil system shipped from Phila 1-23rd for Maledore Is Maine	W
389685	1-30	To 1st Dist	Radio compass coil system shipped from Phila 1-23rd for North Truro	W
389686	1-30	To Y&D	Allots 387.6 to est. a true No and South line at Fire Island Radio Compass Station	W
389687	1-30	To Y&D	Allots 3138.58 to est. a true No and South line at Rockaway Beach radio compass station	
389690	1-30	To Y&D	Allots 150.5 to est. a true No and South line at radio compass station at Montauk	W

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DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
390485	1:30	Y&D	Gives longitude and latitude of Humarook Moss	W
390279	1:30	Bu Stand	It C A H Taylor-rec authority to publish variations for direction of Long Elec Magnetic Wave	W
390605 See 390065 918-	1:31	Boston Tel	Radio compass station Coast Guard 28 completed. To... ships from Bu Standards-GE avi... for resc... lab in... Com Service-Regarding report of Coast Guard Station 28. radio compass work. To 1st Dist- Rgt prog report in conn w above- 2/12	W
390613	1:31	D C S Tel	Radio compass station at Fire Isl. Rockaway, Sandy Hook, Montoloking ready to give service.	W
390069	1-31	To Y&D	Auth to remodel and equip radio room with booths plotting table etc at Dist Comm Supt office	W
390879	2:1	Boston Tel	Appleshore & Demiscave Isl, radio compass instal completed.	W

Number.	Date.	From or To—	Subject.	
42979	1/25	NY	Gives disposition of miscellaneous radio apparatus including directing finders	629
387708	1-28	To Dept OP	Repts that Destroyers listed by held at Boston until radio compass is calibrated	W
390083	1:25	Boston	Submits report on radio compass instal on destroyers listed. 10- lists vessel not intended to equip with radio compasses at this time. copy to 1st Dist and Rad Mat Off Boston.	W
389033	1:28	Boston	Asks if Hoosatic, Canadagua and Cammicus will be equipped with radio compass.	W
389756	1:29	I&D	Instructions nec for instal radio compass station Daniscave Isl com 1:27	W

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
389758	1:29	Y&D	Instruc nec for instal for compass station completed at points listed on 23.	W
389764	1:29	Y&D	Give longitude and latitude of Gloucester Compass Station. To Dir Nav Commun. Copy of By Y&D ltr 780-1 1/29 fwd for info- 2/8	W
385493	1-27	To SAA	Re ts shipment from Phila. to Rockaway Beach 1 radio compass coil-switch-control	W
388746	1-29	To Boston	Lists radio material shipped for troop transport LT V. RMON	W
390279	1:30	Bn Standard	Lt Co A H Taylor req authority to publish "Variation in Elec Magnetic Mags" Fwd Dir of Nav Intell 2/8.	W

INJECTION FINDERS

Number.	Date.	From or To--	Subject.	
367201	1-12	To S&A	Repts shipt from Wash to Rockaway 1 short wave receiver Received back 2;10	W
367455	1-23	To S&A	Repts shipt from Phila to Bost for Radio compass stations listed 4 radio compass coils To Bost in ackno receipt shipt 2-20 RB 3;8	W
337456	1-23	To S&A	Repts shipt from Wash to Bost for radio compass stations listed 4 short wave receivers W RB 3;19 Ship order of 3;13	
397696	1-23	To 3rd Dist	Repts that amplifier be installed on arrival to port Received back 2;8	W
338122	1-24	To 3rd Dist	Asks for copies of sketches of drawings listed New York-Feds prints 1;31	W
398635	1;24	Y&D	Radio compass station 3rd dist, estab of north and south line, sub estimate, req quotations to cov. to Y&D- Allots \$110.04 for above 1-30	
398510	1;24	DGS NY	Tel Compass station Montoloking out of commission due to location of same.	W

DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.
388746	1:25	Boston	Radio compass and material for Mt Vernon not received. W
388703	1:25	DCS NY Tel	Unable to complete calibration Fire Isl Station due to heavy weather. will rush Montauk on completion of Montoloking station.
386492	1-19	To SCA	Reqt shipment from Phila to Rockaway Beach radio material
387709	1-25	To 4th Dist	Re report of results of laboratory test for securing absolute minimum with radio compass coil Bu Standards by Lt Comdr A Hoyt Taylor was del to Radio Aid Ballantine of Phila Yard by representative of Bureau.
389186	1:27	DCS Tel	Phila-Fwds report on practicability of Taylors method for improving radio compass. W 4:10 Radio compass station Fire Isl calibration, will calibrate Montoloking 28th
389379	1:28	YAD	Gives latitude and longitude of Dera Isl. radio compass station. To Dir Nav Commun. Copy of Bu YAD ltr 700-1 Dera Isl ltr for info- 2/8 2:20 Com-Gives position of Derahead Compass Sta.

DIRECTION FINDERS

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Number.	Date.	From or To—	Subject.	
✓ 385886	1/18	To 3rd Naval District	\$950 hereby allotted for engineering work Panama Canal Coast Guard one hundred and seven account removal radio compass station new location To 3rd Dist-auth above 1-21	W
✓ 386507	1/20	To Dept Commerce	Confirms verbal arrangement between Rep of Pu Comm of Light House. Re meeting to be held Wednesday January 22 Room 2527 Navy Bldg	W
387669	1:22	Y&D	Req allotment be made for \$100 cov work radio compass station 6th Dist. To— Above allotment made 1-24	
387920	1:16	MI	Submits report with prints of radio compass, Pacific Coast. W	
386840	1:27	Chatham	Drawings sub sat.	

DIRECTION FINDERS

Number.	Date.	From or To.	Subject.	
257570	SEE CARD 15		To NY - Auth instal n of radio equipmt as listed on ~~TABLE~~ ~~SON~~ To NY Auth to install radio app as listed on above 1-22 To Ch Nav Oper-Re above- 2/11	W
386502	1-21	To 5th Dist VOID	RE radio compass installn on NN Div Trans force To NY-Auth to install radio app as listed	W
386505	1-21	To 1st Dist	Repts burial of plans for housing of Radio compass to Cro's is ~~RE~~ 1st Dist-Fwds prints. 1:26 ~~1st Dist-Conf tel conv Relative to 126~~ 1st Dist-Fwds drawings. 1:29	W
386841	1-21	To Director Nav Comm	Req that personnel be supplied for operation of radio station at Bear Is	W
386854	1-21	To 4th Dist- Repts	pamphlet for LOW TGC-EN Operation and Calibration of Radio Compass Phila- Copy of letter to CG Montgomery, fwsd pamphlets. 1:25	
357014	SEE CARD 38		To 3rd Dist-Auth- granted for installn of radio compasses aboard mine sweepers as listed To S&A req shipment from Washn to ships listed radio app for install Mine SW 1-25 To Comdt 3d Dist. Above matrl shipt to NY Yd-2/10 To S&A req ship from Washn to Westerly radio app for CG sta 68 3-7 RB 3:31 To S&A- reat del be shown advising action taken. 4-17	W
To S&A req ship from Phil to Westerly radio material 3-8 To S&A req shipment from NY to CG station one 3/4 KW 2 volt Genco gas eng 3-14 S&A -Co y of let to NY giv instruc of delivery. 3:15 To NY- asks inventory of material 3-28 TO- S&A 3:25 Received back 4:10 To Boston- confirms phone conversat 4-10				

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DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.
386474	1:17	Phila	Edw's radio compass calibration curve of Henley Lea & Rathbun.
386495	1:19	Atl Fleet	All battle ships equip with radio compasses. W To Atl Flt. is old requirement rad o 80m- bases of battleships sufficient or should oil battleships have compasses urgent 1/18
386621	1:15	3rd Dist	Req authority to expend \$1,000 cov instal of radio compass control station.
386595	1:18	Boston Tel	Radio compass station coast guard 23 and Dere Isl ready for operation. W To Dir for Navy Co L- Radio compass Station Have ready for op-rcnts. record oil 1-21 Direct Com Serv Coast Guard Station 23 is not ready for operation. 1:20
386553	1:16	To 3rd Naval Dist Tel.	Authorizes installation Fire Island Compass station compass coil complete. To 3rd Dist- installn of 6' oil authorized 1-21

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DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
385872	1:17	To 1st Naval Dist	Sum allotted for yearly maintenance supercedes the allotment of Deer Isl. and Boston Harbor.	
385885	1-19	To Y&D	Allotment sum of \$250.00 for purpose of moving Radio Compass House—	
386744	1:17	Phila	Conf tel conv relative asking, if coils etc had been shipped to compass station Nantucket. Phila-Weekly report 7:8	
387035	1:20	First Dist Tel	Astex sails with radio equip. W	
387036	1:20	First Dist	Heron sailed with radio compass equip. W	
387125	1:19	Phila	Conf tel conv relative to having complete set of compass apparatus to destroyers 630 NY. W	
385880	1/18	To 3rd Naval Dist	Req complete set radio compass with coil be installed NY- instal radio compass comp at Fire Isl.	1:30

DIRECTION INDEX

Number.	Date.	From or To—	Subject.
384701	1-10	To 3rd Dist—	Reots that radio compass material for NONHEMERN PACIFIC be installed on the ST PAUL W
384710	1-11	To 2nd Dist	Re extension of phone line into Coast Guard building to Coast Guard REAR radio operating room W
384554	1:11	CO Chicago	Copy of radio compass test comp. Co Chicago—Ship left to sea for radio compass test W 1:11
385475	1:14	Com	Contract for radio house at Sandy Hook awarded H Rothschild.
385638	1:15	Com	Report of test of radio compass at Cape May. W
385594	1:15	Marf	List radio compass apparatus instal at Fishermans Isl. W

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DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
385892	1:13	Norfi	List radio apparatus instal at Hog Isl	
384765	1-15	To Yds and Dists- Ph-Fwds prints. 4:30	Recds fwd plans showing the exact location of the radio compass house on all destroyers previous to 7/4	W
113	To Cdr's D's- instruc re installa of radio compass on destroyers 9/24	Portsmouth - 1:25	Norfi-Fwds print of radio comp instal. W 3:11	
385231	1-15	To 2nd Dist	Phila-Fwds prints. 4:15 Phila-Fwds prints. 4:30	
			Hosts to be notified when JCB AT arrives that they may calibrate radio compass	W
385249	1-16	To 5th Dist	Allots \$600.00 for maintenance of Radio Compass Sta at Fishermans Is	W
385248	1:16	To Com 3rd Naval Dist	Authorizes \$1,000 for instal of new cont station. Tel. Com-3rd Dist asks status of app 6:25	
386375	1:16	Dapt	fwd 3&4 7/2	
			Fwds copy of report of late Board to conduct test on radio compass instal at entrance of New York harbor.	
388451	1:14 1:17	CO HUNTINGTON Com	Shore radio direction finder station, sub report cov and recs station be estab at Staten Isl.	

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.
383297	1:4	Insp'r Phila	Status of radio compass instal at Cape May and Lewis.
384026	1:8	Newport News	Req publication on operation of radio compass. W To Under Secy Navy for info to inst all radio compasses aboard troopships 1-13
380761	1/9	To 5th Dist.	Reqd that yearly cost of maintenance of \$800.00 for radio sta at Coast Guard #155 Hog Is be itemized to give a more detailed conception of proposed disbursement for this station. W
380762	1/8	To 5th Dist	Reqd yearly cost of maintenance of \$800.00 for radio Sta at Fisherman's Is be itemized to give more detailed conception of proposed disbursement for this stat. W.
380966	1/8	To Comm 6th Dist.	Allots \$250.00 for maintenance of Rad Sta at Georgetown lighthouse, Georgetown S C W.
380967	1/8	To 6th Nav Dist	Allots sum of \$250.00 for maintenance of radio sta at Charleston Lighthouse Morris Is S C W.

Number.	Date.	From or To—	Subject.	
383131	1/8	To Com 1st Dist	Inst reqd in ref stated, has not reached Bu. Rqst info be furnished without delay. W. Received back 1:20	
383562	1/8	To Com 3rd Dist.	Rqst Bu be furnished with copy of drawing # X2278 3rd Dist. Hyds prints showing location Fire Isl Station. 1:26	
383563	1/9	To Comm 3rd Nav Dist	Rqst estimate of maintenance cost of sta at Sandy Hook. W. To NY- sum of 500 allotment maintenance Sandy Hook 3-10	
384208	1:9	Boston	Shaft extension and land for use radio compass, states ready to commence work. W	
384224	1:10	Fourth Dist Tel	Gives position of compass station. W	
382187	1/7	Cable way	Request on cable compass station of Commission. W	384

DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.
382188	12/4	To 1st Nav Dist.	\$600.00 allotted for maintenance of radio sta at Coast Guard #28 4th Bliff Mass. W
383065	1:4	Boston	Radio compass, report of trouble experienced with slip rings. W To 4th Naval Dist-Consid to be given in designing new radio compass, coil. 1:1?
~~383060~~	~~1:6~~	~~Bureau Standard~~	~~Req arrangements for conference in con with radio direction finder as side. W Room of Stas, Reconference held at Room 2527 3 PM Wednesday. Navy Bldg 1/20~~
377155	S.M. CARD 47		To 6th Dist-Auth maintenance allowances for radio stations within 6th Dist as listed W
383151	1:4	Boston	Radio compass review for compensating errors, gives reasons why believes same will be unsat. W

1919

DIRECTION FINLERS

Number.	Date.	From or To-	Subject.	
381942	1-6	To 2nd Dist	Auth est of radio compass station at Cuttyhunk- Asks report of location and sketch of surroundings Received back 1:29	W
383166	1:4	5th Dist	Report of trouble with gas engine at compass station Assateague, req that same be repaired or replaced.	W
To - Reqt. return of papers showing action taken. 2/5			To S&A Reqs shipment from NY to Radio Compass Sta Assateague via 1 Genco 5/4 W battery c charging panel 1-1	
To - Reqt. that all installation work be discontinued. 2/21			To 5th Dist- reqt install Genco bat 1-25	
To S&A req ship from CG Sta 150 to Norfolk gas eng battery 3-22			Shipment order of 1:14 back 2:5	
382592	1-7	To 3rd Dist	Lists vessels of NY division equipped with radio compasses	W
			To 3rd Naval Dist-Req progress of instal. 1:18	
			NY-submits report on compass instal. 1:29	
			Asks for radio status report 2:5	
382593	1-7	To 1st Dist	Asks blueprints showing all alterations to be made to existing buildings at Radio Compass Station at No Truro Received back 1:14	W
382601	1-7	To 5th Dist	Lists vessels in NY division equipped with radio compasses	W
To 72		Norfolk 2-7	To 5th Dist- reqt report- 1-18	
382603	1-7	To 5th Dist	Norfolk - 1:29	
			Auth to ins all on troop transports listed 1 radio compass coil house	W

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
381031	12-30	To 5th Dist	Fwd list of radio compass operators	W
381784	1;2	Hampton Adls	Shows location of radio compass stations at Hog Is and Fisherman's Is	
376397	12/12	To SEA	Reqs ship from Wash to Akron 10 air plane compass receivers	W
377882	12/13	Hampton Adls	Shows characteristics of radio compass boiler for 1-5 boats	918 W
382105	12:30	Y&D	Houses for radio compass stations at Hog Is and Fisherman's Is will be completed within about a week. W	
382153	1;2	Boston	Req Phila Yrd fwd copy of calibration of radio compass. W	

1919

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
381370	1-3	To 3rd Dist	Asks date Sandy Hook Station available for furnishing accurate bearings to ships entering NY 3rd Dist-Report of completion of compass station Sandy Hook. W 1:14 NY-Sub status for, various compass stations. 1:25
381371	1-3	To 3rd Dist	Asks date Fire Is station available for furnishing accurate bearings to ships entering NY
381928	1-3 NY-Fwds report.	To 3rd Dist	Asks date Rockaway station available for furnishing accurate bearings to ships enter ing NY 3rd Dist-Report of completion of compass station Rockaway Beach. 1:14 3rd Dist-Report of completion of compass station Fire Island. W 1:14 NY-Fwds calibration curve with report on Sandy Hook. 2:11 NY-Reports on Montoloking. - 2:11 Conf tel conv rel to dials in radio compass. W
382315	1:5	Phila	
382424	12:18	Phila	Conf tel conv rel to radio compass station at At Lewis.
382184	12/4	To 5th Nav 1st.	Bu advised that battery has been ordered sent to radio stations at Cane Henry, Cane Hattoras, and Assateague. W To 5th Dist-ditto 1-4
382187	12/4	To 1st Nav Dist	\$500.00 allotted for maintenance of Radio Co, mase Sta at Coast Guard #23 t Glou. W.

Number.	Date.	From or To--	Subject.
330033	7/17	To Forest <i>See Card 19</i>	<i>in 1st radio report rec'd. W</i> Gib. Sept. 16 Apparatus received 7/15 Fwd S&A 11-27 To S&A Repts cancellation of ship report of May 5th 1918. 10-2 (510-5) Subsequent order of 1st received back 11:00
330034	7/17	To Gibraltar	
329245	7:28	Sims Copy 1899	Radio comments for sufficient data for definite answer. recommends investigation of British airplane type. W
331981	7:26	Naval Communication	Fwd's report of Lt Appleby on Shore Radio station at Montauk. W Referred to NY back Oct. 15
331980	7:26	Naval Communication	Fwd's report of Lt Appleby on Curtiss High School.
331979	7:27	Naval Communication	Fwd's report on Shore Radio Station, Curtiss High School, St. John's, N.Y. true north by sighting Statue of Liberty W Reg. No. 111. VI 11/1
331977	7:26	Naval Communication	Fwd's report on Fire Island. To 3d 11-27 - 11-27 - 11-27

DIRECTION FINDING

Number.	Date.	From or To--	Subject.
18981		See C 17	To report (7) to the Director of the Radio Phila - Fwd's prints for Cape May 8:9 Phila - Fwd's prints for Assatague. To Phil. Allet. Sept. 11 To 8/13 - Lt. Allet. Lieutenant
332927	8:1	Naval Communication	Fwd's report of Lt. Allet's cov. in: Improv. I of radio compasses from Newport to Branton Point W. To Phil. Allet. Sept. 11 At Branton Pt. 8/16
332929	1/2	F.d. Isl. Dist. vi	For Phil. Allet. Sept. 11 For Phil. Allet. Sept. 11
332931	1/3	To and. St. Louis	To and. St. Louis
334116	7:22	Mare Island	Leveling rings for radio compass supplied destroyer, f.w.s. prints. W F.d. Phil. Allet. Sept. 11 To Mare I. to leveling rings for rad. compasses installed on F.Ds. 9/18 Mare Island Sept. 30
334734	8:1 8:1	At Appley Naval Communication	Sub report of visit to Shore station for first dist. W

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
380572	12-30	To 5th Dist	Asks present status of Radio Comp ss sta 185 Cape Batteras	W
380758	12-28	To 1st Dist	Asks estimate of maintenance cost of C G Sta 23 Gloucester	W
380759	12-28	To 1st Dist	Asks est. of maintenance cost of Radio Compass station at Deer Island	W
			1st Dist-To maintain Deer Isl Station. 12:31	
			Co 1st Dist-allots \$1200 for maintenance of Deer Isl Radio Compass	
380760	12-28	To 1st Dist	Asks est. of maintenance cost of Radio Compass Sta C.G. Sta 28 4th Cliff Mass	W
			Boston 1:3	
B				
380761	12-28	To 4th Dist	Asks estimate of maintenance cost of Radio compass Station at Cape Henlopen Del	W
			To 5th Dist ditto C.G. St. 155 Hog Is	12-28
			To 4th Dist-3800 allotted for maintenance of radio sta Cape Henlopen 1-3	
380762	12-28	To 5th Dist	Asks estimate of maintenance cost of R. Compass Station Fisherman's Is for 1919	W
			5th Dist-3800 necessary for maintenance of Fisherman's Isl.	1:2
			3rd Dist-1wds estimate.	1:13 W
380965	12-28	To 5th Dist	Asks est of maintenance cost of Radio compass Station for 1918 at Georgetown Lighthouse	W
380967	12-28	To 6th Dist	ditto Morris Is-Chasin Lighthouse	W

INJECTION FINDERS

Number.	Date.	From or To—	Subject.	
380754	12-27	To 3rd Dist	Reqs status of radio compass sta Montauk Pt LI	W
380755	12-27	To 1st Dist	Reqs status of radio compass Sta Coast Guard #6 No Truro Mass To 1st Dist Asks status of radio compass stations listed 1-6	W
380756	12-27	To 1st Dist	Boston- Report fwd tom bureau. 1;10 Reqs status of Radio Compass Sta Appledore Is Maine	W
380757	12-27	To 1st Dist	Asks status of radio compass Sta Coast Guard #8 Demiscove Is Maine Boston 1;3	W
381157	12-27 of above	From Dist 304 1-16	Reqs status of radio compass station at station 1-16 Fwd 3rd Dist via Directo N v Comm 1-3 Received back 1;10 To 3rd Dist allows \$250.00 for dismantling	
377688	12-30	To S&A	Reqs shipmt from Wash to C.G. Sta 183 Cape Hatteras	W
380575	1;3	First Dist	Reqs.	

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1518

DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.	
✓ 37.944	12-26	To Chasn	Advices of shipment of battery charging set for installn at Sullivan Is - now for Georgetown Lighthouse	W
380557	12-27	To 5th Dist	Asks present status of Radio Compass Sta Coast Guard #101 Cape Henry	W
	12-27	To S&A Repts submit from Norfolk to Cape Henry radio app - charging unit 1-10	5th Dist-Tel-Report in con with Cape Henry. 1:7 To 5th Dist- (T) Repts replies to Busenget's 1-6 with progress radio compass stations Norfolk 1:21	
✓ 380563	12-27	To 2nd Dist	Ships radio app to insure so much range and efficiency of station at Sidside Nantucket To 2nd Dist- (T) Asks listed shiped Coast Guard 46 for inst 1:1 1-21	12-27
380568	12-27	To 5th Dist	Asks status of radio compass sta Coast Guard #110 at Assateague Is VA 5th Dist-Installation completed at Assateague Is. 1:3	W
380573	12-27	To 1st Dist	Asks status of radio compass sta at Bar Harbor	W
380751	12-27	To 1st Dist	Asks status of radio compass Sta Coast Guard #2 Cross Is Maine	W
380752	12-27	To 3rd Dist	Asks status of radio compass Sta Coast Guard #107 Mont. looking N.J. To 3rd Dist- (T) Asks reply to above 1-6	W
380753	12-27	To 2nd Dist	Asks status of radio compass Sta Coast Guard #103 Brenton Int Newport RI	W
		Second Dist- Sends copy of correspondence 1:6 To 2nd Dist- Approves in advance reatn for oil heaters 1-10	Received back 1:6 To 2nd dist (T) Asks reply to above 1-6	

DIRECTION INDEX:

Number.	Date.	From or To—	Subject.
> 390356	10;26	Ch. location	Compass station at Morris Is. and George Town. 1-11 1-11 1-11
36947458	12-22	CARD 42	To Phil Asks for duplicates of "Instructions for installn. Calibration and operation of the Kilstermeter" he fwded
		To Comd 1st Dist- Rqst status of radio compass installn on MT VERNON- 2/11	To 1st Dist- Shipt of app being expedited 1-10 To 1st Dist- All material necessary for radio compass installn as listed has been shipped to 1st Dist for installn 1-15
To — Information is reqd. if material not be located. 2/21	1st Dist - 2:14		NY-Asks when material will be shipped. 2:15
378500	12223	To 1st Dist-	Reqs that contaminated installn of radio compass at Shelbourne NS be abandoned W Boston 1:12 Boston - 7:21- 1st Naval Dist 4:9-Radio compass house not nec. asks what disposition Bu wishes to make. W 7:21
3779421	12-23	To 1st Dist	Gives instrns for winding 6' coil for max efficiency at a wave length of 60 meters - info for installing shore stations radio compasses W To 1st Dist ditto 12-23 To 3rd Dist ditto 12-23
379661	12-23	To 4th Dist	Asks that radio transmitting set at Quor antenna be removed to 50' from Radio compass Sta. Cape Healdopen W
378688	12-23	To SANTA TERESA	Asks report of radio compass recently installn CO SANTA TERESA - 1:7 To 3rd Dist- Reqs that above radio compass be calibrated 1-24 New York-RADIO COMPASS AT Santa Teresa will be calibrated. 2:1

Number.	Date.	From or To—	Subject.	
378817	11/19	TO LBY NY (C)	authorization granted to employ necessary labor to install 1000 watt radio compass	W
378858	11/20	Operations	req that destroyer USS DE 210 out in at New York in order that radio compass may be calibrated W Received back from Dpt 1:11	
379919	11/19	Enclined	Method of setting absolute minimum from on.	
379205	12/20	5th District	Impossible to comp radio compass station house before Jan7 unless overtime is allowed W	864
379221	12/21	To 4th Dist-Allots \$400 for above trans of supplies and mail to Cape Behopen 1-3	To continue contract for team to furnish trans station L-27	
379229	12/2	European Forces	4th Dist-Allow \$200 per month Tel Feds copy of report of destroyers cov radio tel and radio compasses	12:31 905

4-3381

Number.	Date.	From or To—	Subject.
378488	12/19	To Wash.	Rqsts Wash Yd proceed with manufacture of radio compass control panels. W
378495	12/19	To Phila To S&A Radio apparatus ship Sup Officer Phila. 1:15	Gives order in which Type SE 995 radio compasses are to be shipped. W. To Phila— gives sequence of shipments of radio compass material 12-27 None Copy of let to Inspc PR stating radio comp being shipped. 1:12 In re to compass house at Morris Island. W
378496	12/19	To CharL	
378498	12/19	To 3rd Nav Dist.	Bu allots \$80.00 for making necessary wire connections between Radio Compass Sta and Radio Sta at Rockaway Beach NY. 1) 20 Yd Dist LY allotment. 50 Yd Dist LY allotment between Radio Sta & Radio Compass House Rockaway Beach LY 12/23
378499	12/20	To 1st Dist.	Rqst copies of all destroyer radio compass calibration curves be fwded to Bu without delay after calibration has been completed. W

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
377017	12-14	To S&A	Boats shipment from N Y to Phila 1 Geneo 3/4kW Gas engine & generating unit	W
377155 S.E. CARD 53	12-14 12/19	To 6th Dist To Chasn--Compass house authorized for Morris Island Installation 1;:7	Allots 34.0 for est of radio compass station on Morris Is Installation will be made at Morris Island not later than 1;:11	W
377160	12-14	To 5th Dist	Material for est of Radio compass Station at Hog Is and Fishermans Is will be shipped to Norf	W
377173	12-14	To 3rd Dist	Material for est of radio compass station at Sandy Hook will be shipped to Brook New York 1;:0	W
377367	12-14	To Y&D	Allots 1200 For erection of portable house for radio compass Sta at Sandy Hook	W
327152	S.E. CARD	30	To Phila--Asks that they ack receipt of radio app on shipment order of 7-17th radio compasses from Wash	W
377157	12-16	To Y&D	Re qts that necessary alterations to buildings at Georgetown Lighthouse for radio compass station	W
377158	12-16	To 6th Dist	Allots \$500.00 for installing radio compass at Georgetown Lighthouse To 6th Dist--Gives direction re installn of above 12-16 Installation 1;:01	W

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
377362	12-16	To Y&D	Reqs that wooden house dimensions given, be constructed at Georgetown lighthouse for charging purposes	W
369746	12/17	See Card 43 To Phila Yd.	Recoms rsted in ref(a) will be fwded to Bu not later than 12/17. Rst duplicates be fwded in case original copies were lost.	W
370324	12/10	To Y&D	Gives location of compass house at Morris Island. W.	
371297	12/17	See Card 44	Rst rpt not later than 12/23 on progress of work in conn w radio compass installn at Coast Guard # 23, Gloucester Mass. W. Rst rpt not later than 12/23 on progress of work in conn w radio compass installn at Morris Is. W.	
377690	12/16	To 5th Dist.	Authorizes constrn of house to shelter coil and receiving apparatus of radio compass being inst. filed on Morris Is. W. To—Rst rpt on progress of work in conn w radio compass installn at Morris Is not later than 12/23. W/16	
377692	12/17	To S&A	Rst 1 radio storage battery 6 volt type CU-119 be shipped from Assataque Va to Wash. W. Rst 1 radio storage battery type CU-237 be shipped from Assataque Va to Wash. W.	

DISPATCH FILE NO.:

Number.	Date.	From or To--	Subject.
✓ 76104	11:18	European Force	... of 30 ... of ... of radio
✓ 76812	11-10	To 5th Dist. -- Rest rpt on progress of work in conn w radio compass installn at Hog Id Va not later than 12/23 12/18	Allets ... for install. radio compass To 5th Dist- re above 12-14 Fishermans Is To 5th Dist- ditto Hog Id 12-14 Received back from 5th Dist 12-16 Encl: copy of report ... destroyed to ...
✓ 76813	12-10	To W. Sh.	...
✓ 76816	12-10	To Y&D	Repts. that ... portable houses be provided for ... To Y&D- Gives exact location of above 12-13
✓ 76818	12-10	To Y&D	Repts. to provide portable houses for
✓ 76819	12-11	To ...	...
✓ 76823	12-11	To ...	...
✓ 76827	12-11	To ...	...
377158	12/18	To 5th Dist.	Rest rpt not later than 12/23 on progress of all work in conn w radio compass installn at George town S.C. W

Number.	Date.	From or To—	Subject.	
✓ 273911	12:10	5th Dist	Report on signal light and radio compass station at ~~St. John's~~ and ~~St. John's~~ N.Y.	
✓ 3 277122	12:11	Phila	Com. to on radio compass station at ~~St. John's~~ and ~~St. John's~~ N.Y. Detailed comm. to on recs in comm. file. Fwd Director Nav Comm 12-27 Fwd " " " 2-10	
370324	12-13	To Y&D	RE exact location of Radio compass house on ~~St. John's~~ is To 1st Radio compass Station will be est at Chasn Light House Morris Island 12-13 To 6th Dist material has been shipped to Chasn for erection of various compass stations in that Dist 12-13	W
✓ 374684	12-13	To Ch. rrv Stoma Nav Base	Returns receipt for to be held until receipt of all material for radio compass To Norfolk Asks info re batteries used at Fishermen's Is radio compass sta 12-31 R B 3:20 Reqs. shipment from Phila to Wm Cramps 4 radio compasses for destr. as listed Received back 2,3 Ph-6,28	House W
376844	12-13	To S&A	Material for est of radio compass stations as listed will be shipped to Phila	W
376161	12-14	To 4th Dist	Georgetown Lighthouse on North Is for site of station to use in conjunction with Morris Island to give bearings to ships bound for Chasn	W
376646	12-14	To Comm		

DISPATCH LIST.

Number.	Date.	From or To--	Subject.
374195	11/30	Dart.	Copy of telegram to 2nd Dist. showing in- test of radio compass.
375352	12/2	Shipment order fwd	Received back 1,28
374119	None	4th Dist	Report of radio compass being found used on ship to Cape Henlopen.
37176	12/5	To 1st Dist.	To furnishings for radio compass work at 1st Dist.
37177	12/5	To Co at Board	Post rpt not later than 12/23 on progress of work in conn w radio compass installn at Deer Is. Post Harbor, Post Mass. 12/17
37350	12/5	To W sh.	No def cts reported in receivers.
37151	11-5	To Qu. sh.	For info of Qu. sh. of radio compass at 1st Dist.
37170	11-6	To W. sh.	For info of W. sh. of radio compass at 1st Dist.
37171	11-6	To W. sh.	For info of W. sh. of radio compass at 1st Dist.
37172	11-6	To W. sh.	For info of W. sh. of radio compass at 1st Dist.

[OVER.]

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
374024	12:2	4th Dist	Available radio compass, radio traffic, report 3:2	
374072	11:27 12:2	5th Dist Com.	Report on location of radio compass in at Cape Henry station.	
370715	12-2	To Phila	Reqs that vandykes and instrns for wiring of radio compass aboard destroyers be fwded	W
373543	12-2	To S&A	Reqs shipment from Phila to Bost for Coast guard station 25 1 radio compass coil Received back 1:24	W
373552	12-2	To S&A	Reqs shipment from Phila to Bost for C.G. Sta 28 radio compass coil To S&A Reqs shipment from Phila to NY for C.G. Sta 97 1 radio compass coil L. 12 shipment order 1:10	W
373554	12/2	To S&A	Reqs shipment of radio compass coil from Phila. to Cherrystone IS.	
373555	12/2	To S&A	Reqs shipment of radio compass coil from Phila. to Sullivan IS. 12:2 Charleston - 4:2	
373904	12/2	To S&A	Reqs shipment of radio compass coil from Phila. to Chasn.	

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
374151	12/3	To Y&D To — Authorize add- itional sum of \$300.00 for remodel- ing of buildings at Sta #23. 12/20	Re sts. alterations to buildings at stations listed. To — Authorize \$500.00 for remodeling of buildings for radio equipment at station #23 12/20
370724	12/4	To Y&D	Alloys mt. for the purpose of — fitting portable houses
37157	12/4	See Card 47	Re — buildings for radio compass where no plans to be set in place Most detailed rpt to reach office not later than 12/23 in conn w radio compass installn at Sandy Hook. 12/17
37157	12/4	Re: rpt not later than 12/23 in conn w radio compass installn at Cape Manlopen. 12/17 Re: rpt not later than 12/23 in progress of work in conn w radio compass installn at Coast Guard #28 at Fourth Cliff Mass. 12/17 To Phila.	Re: rpt not later than 12/23 in conn w radio compass installn at Cape Manlopen. 12/17 Re: rpt not later than 12/23 in progress of work in conn w radio compass installn at Coast Guard #28 at Fourth Cliff Mass. 12/17 To Phila.
37159	12/4	To Phila.	Re: rpt not later than 12/23 in conn w radio compass installn at Cape Manlopen. 12/17 Re: rpt not later than 12/23 in progress of work in conn w radio compass installn at Coast Guard #28 at Fourth Cliff Mass. 12/17 To Phila.
374130	12/4	To Boston.	Re: rpt not later than 12/23 in conn w radio compass installn at Cape Manlopen. 12/17 Re: rpt not later than 12/23 in progress of work in conn w radio compass installn at Coast Guard #28 at Fourth Cliff Mass. 12/17 To Phila.
374131	12/4	To Brook.	Re: rpt not later than 12/23 in conn w radio compass installn at Cape Manlopen. 12/17 Re: rpt not later than 12/23 in progress of work in conn w radio compass installn at Coast Guard #28 at Fourth Cliff Mass. 12/17 To Phila.
374136	12/4	To Boston	Re: rpt not later than 12/23 in conn w radio compass installn at Cape Manlopen. 12/17 Re: rpt not later than 12/23 in progress of work in conn w radio compass installn at Coast Guard #28 at Fourth Cliff Mass. 12/17 To Phila.
37157	12/4	To Y&D	Re: rpt not later than 12/23 in conn w radio compass installn at Cape Manlopen. 12/17 Re: rpt not later than 12/23 in progress of work in conn w radio compass installn at Coast Guard #28 at Fourth Cliff Mass. 12/17 To Phila.

4 3381

Number.	Date.	From or To—	Subject.
✓ 37254	None	E H Clark	Report of image of direction finder installed on Loughajord. W
372548	11-27	To S&A	Rest shipment one Bellini radio direction finder Philadelphia to Boston. W
372769	11-29	To Commodore Coast Guard to Best 12-14	Authorization request for use and alterations of Coast Guard stations and buildings. W
50		To Y2D—Rgts engineer	To Naval Comm. comments re above, 11-29
✓ 372857	11:7	Envo. on Force	Com 12:11-Rec. 12:10
373354	11:11	Easton	To 1st Dist. Material for est of radio compass stations as listed has been shipped
373331	11-30	To Nav Comm—	Com - 2:10

Recd NY-Id. 12/20

Cdore Cdt. reports that each coast guard station lead all possible assistance in establishing radio compass stations as points given W

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.
366325	11-14	To GO COLHOUN	Rqst for inform re radio telegraph W
367956	11-13	To 3d Dist	Points to be noted in instructing Radio Compass Operators. W
367937	11-14	To Boston	Re ahip of radio compass amplifier for Breton Point W
367939	11-14	To Dept	Rqst for authority to carry out test on radio compass. W To Dept, comments re above, 11-29 back 12:2
368644	11:9	4th Dist	Fwds report shore radio compass station To 4th Dist., Comments re above report, 11-27
367954	11-14	To Boston	report to Capt Pringle on the operation of radio Compass, Fwds copy of report; comments W
368660	11-15	To Sims	Fwds report of test on USS MAHAN on the most most desirable location of the radio compass equipment, comments W
368690	11-16	To Phila	Rqst for compass instructions for type SE 995 Radio Compasses, comments W

Number.	Date.	From or To—	Subject.	
369560	11:19	Radio Com pass Officer	Encls summary report received from chief elec Henry on radio compass station. W	
369920	11/13	To Navyn	Rest don't NY Boston be author to permit design to then as n r lio compass officer to take action on vessels equipped with radio compass. Also don't NY Boston vessels in off Atl coast of US for inspec. 632	
369745	11:18	Phila	Recs relative to radio compass instal on navy ships at 17th & E St. Plans to install every ship in navy.	
368604	11/2 11/6	Com Coast Guard.	Proposed instal of underground cable in vicinity of Coast Guard station for the installation of radio compass interference. To Coast Guard station at 17th & E St. for furniture and labor underground cable 11/8 704	
369745	11-19	To Phila	Rest set of vandykes on booklet for type SE 74 radio compass. W 11-19 12:5	
SEE CARD 49			To Comm. re instal of radio compass 11-22 To NY & PHILA authorizing the instal of radio compasses on vessels listed 11-22	
370600	11:19	Boston	Comm-Copy of letter to NY, Norfolk and Phila authorizing work in connection with instal of radio comp 11:2 Amplifier for radio compass at Boston point received. "	

EXCHANG FIELDS:

Number.	Date.	From or To—	Subject.
✓ 365654	10:28	Rieber Lab	Req report of operation of instal on Fairfax. To—comments on above 11-14
365917	11-8	To Boston	Design of Radio compasses for radio comments W
✓ 366928	11:3	Hampton Roads	Test of Mes. Elec phones set between places. W Cross to poles.
367787	11:9	Boston	Descrip and instruc on radio compass rec.
366998	?	?	Gibr. lte. recs all radio operations on Gib. lte. as per instructions gov't for protection of radio pass. and radio tel. before leaving home waters. W 894

DIRECTION FINDING:

Number.	Date.	From or To—	Subject.
366025	11:9	Boston	Radio compass outfit instal at Shellbourne R.C. reg infor in con with ship order cov. W
361200	11/12	To Boston	Re req. inv. t. of merits of Bellini T. type of direction finder Boston—has report of comparative test Bellini-Tosi direction finder and stand type. 1:15 COSTON—Authorizes cont invest. 4:25 Boston 5:7
367192	11/12	To Wash.	Defects noted in the type rec'r sup. filed for use with Rad. Compass aboard USS MALLARD 1:10 1:10 1:10 1:10
361202	11-13	To Sims	Report on the influence of paint on the radio compass house W
361207	11-13	To E J Simons	Comments on bids and awards of contracts under Schedule 6515-172 W
365916	11-13	To Phila	Re design of radio compasses comments W
367755	11-12	To Washington	report on test of elastic mounting for type audio frequency amplifier W
To Wash—rest mfr e info completion		of 5 shock proof mounting of 2-25	Wash—Ryds sketch showing mounting of apparatus. W 2:10
367935	11-13	To Wash	Extracts from report to Capt. Prince coming from abroad on the operation of the radio Comp W

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
360009	10-25	To Wash	Fwds copy CO Nav Air St a Hamp Rds— let 40-2 10-16th	W
363333	10-26	S&A	Fwds bill of J L Heebner cov radio booths, asks if same have been received. K Fwd bill 10-1	
361963v	10-26	To Phila	Reqs 2 sets of vandykes and 3 sets bprints of RL 894 1717 description and instrn for ~~operation~~ operation and calibration of SR-995 radio compass To Phila Hqst when vandykes can be expected 11-16	W
362784	10-30	To Director Nav Comm	RE giving vessel her position by radio suggests that some conventional signal be issued to service-radio compass shore stations	W
363218	10-30	To S&A	Reqs shipment from Wash to Phila 50 sets complete receiving equipment	W
365583	11-4	NY Tel	Proposed site for radio compass station at Rockaway sat.	
365008	11-18	To Boston	Fwds duplicate extracts from report of Lt RA Laird re the radio compass W	

Number.	Date.	From or To—	Subject.	
341547	11-2	To Phila	To Phila, re instruction book, 11-29	7
341584	11-20	To Phila	To Phila, re instruction book, 11-29	7
34213	11-2	To Director Navy Com.	To stations at New Harbor and Cape Henry	
344721	11-2	To Phila	To Phila, re instruction book, 11-29	
344733	11-2	To Phila	To Phila, re instruction book, 11-29	
345189	11:1	To Phila	To Phila, re instruction book, 11-29	
345772	11-2	To Phila	To Phila, re instruction book, 11-29	

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
358496	10/12	Communications	Submits report on side of radio compass building at Cape May	
358498	10/14	Communications	Revis report of inspection of Cape May radio compass station by Lieut. Apollon: Fwd Phila. 10-19 Received back 11-7	
358722	10/15	Sims Copy 7029	Request five amplifiers be shipped to Paulsac for use with radio compass W	
340451	SEE CARD 33		To East (T) DNO reports radio compass Cape Henry does not function re: report	
348794	10-17	Fwd Dept	RE install. of radio compass repeated in Radio Compass Room 41/19 Fwd. Bu. of 11/19 W	
359401	10/19	To Comdt C.G. Washn	Approves tele communication by underground cable to US Naval Radio Compass Sta. W 707	
359372	11-6	To J. vComm.	Re difficulties in lists with antenna.	

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Number.	Date.	From or To—	Subject.	
361347			Report of installation of radio compass of vessels listed	
350750	1:5	Boston	Old Number	
361489	10:21	Boston	Spec report be made by each ship in con with dir in operating radios compasses.	W
330806	S. E. CARD 31		3rd Dist-10-22 Rec changes in location of radio compass rackaway bench to Dist 11 Repts Dir. Washington Recs re estab radio compass station roof officers quarters Rockaway 10-26 To 3rd Dist- in re above 10-24-29 RWD Y&D 11-6	W
✓ 351822	10-24	Sims Comd 7779 To Phila- HE prior to of 6 radio compasses 10-28	Req six destroyers type radio compass be shipped to base 27 for instal on vessels of this base. W To Sims (T) 7779 Radio Compasses type SE 995 for Mine Sweeper Forces Base 27 ordered shipped 10-28	
319243	BEE CARD 27		To Ports-Bost. Authorizes Emergency fund \$500.00 to each of radio compass stations listed To Bost. Additional funds for housing of personnel at radio stations listed not approved 10-24 Boston - 11:2 action-Req. in case of appropriation. 11:9	W
161103		350 CARD 41		
361207 on card 918		791		

DIRECTION FINDERS:

Number.	Date.	From or To.	Subject.
355901	None	Boston	Rec provision be made for proper tel lines coming to radio stations. W
356099	10:5 To Ports- 160 acn action taken Francisco 6/25	Boston approve estimate of PITTS SD San	Comments on precaution to be taken on ship equip with radio material. W To S&A re grounding of wiring to prevent variation in radio compass adjustments-10-17 Ports-Sub estimate. 6:6
355764	10/7 To S&A- Reqt cancel	To S&A shipt order. 7-15	Reqt. shipt. of radio apparatus from Phila. to Cross Is. Me. for Rad. Compass Sta. Phila 7:11 To Ph- Bu reqt cans of shipt of type SE 995 radio compass 7/15
355184	10/8	To Insp. Keyport (T)	Call report. to be starting 1 line may be ship- ped without att rose
352626	10-9	To Boston	Re test to determine best location for radio compasses aboard destroyers. W
356484	10-9	To Director Naval Com	Rqst method of operation of shore radio compass stations. W
334098	10/9	To 3rd. Dist. (T) 7-1	Author. ~~xpctkox~~ . allot. for rad. compass school Rechar Bay.

DIRECTION FINERS

Number.	Date.	From or To--	Subject.
353773	10/10	To Mare Is.	Gives instruct. for shipt. of radio compasses.
355428 sec 92			
354732	10-11	To Marconi Wireless	Rest inform re an apparent necessity for a device for dividing angles. W
356482	10-11	To Comdts and Yds.	Elimination of rotary tone condenser W
357014	10-11	To Directr Naval Comm	instruction of radio compass operators W
SEE CARD 57		To Sec Navy--Recs that above mine sweepers be equipped with radio compass, and men be placed aboard for training. W	To Comm- Asks action taken on suggestion of Patrol boat at Pelham bay for instruction of radio compass operators 11-20 Ship Ord 12:9 back 2:8
357411	10-11	To Dept.	To Dept 12:18 received back 1:13. Test to determine best location of Radio compass aboard W To Dept. 10/11 R. B/ 16 Adm Post 10-23
357303	10-14	To Dept	Rec that all destroyers have their compasses Radio- calibrated when they put in at Newport
358246	10/9	N. C.	Changes in type 74 radio compass W
357114	12-9	To SEC	Re is. shipt. of radio mater. I From T. M. to J. M. of 36-4-11. sh.

DIRECTORIAL FILE 100:

Number.	Date.	From or To—	Subject.
351053	9:20	Coast Guard	Radio compass station at Lador Isl will shortly be put into operation. R/d Coast Guard 10-1 received back 10:7
351054	1/20	to Phila. - 10-1	Radio compass station at Lador Isl will shortly be put into operation.
351511	9:20	Second Dist	Request installed by authorized for Coast Guard compass station 55 and 16 W
351511	1/20	to Phila. - 10-1	Radio compass station at Lador Isl will shortly be put into operation.
316596	9/21	To Phila.	Author. install. of a protective relay equipt. for radio compasses. W
✓ 353299	9:27	Sims Copy 5697	Advises to have available direction finder apparatus in sea plane for locating convoys. W To Sims (T) will comply above as soon as possible, 10-3

DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.
353655	9:25	2nd Dist	R a new equip for radio coast guard compass station 55 and 46 To--Sills instruct. to clothes lockers. 10/4
35369	10/7	To C. Sills	10/7. to C. Sills of a compass station Boston. Oct. 10 ~~Boston. Oct. 14~~ Boston Oct. 17
354733	10:2	Com	Ends report of Lt Appleby and investigation of errors made at shore radio compass station, and reports on use of angle div. W
✓ 354780	10:1	Experiment Station	Asks result of <u>test</u> radio compass station to New London--Test completed and found satisfac- tory. Desires compass remain on sub-chaser. 12/20
✓ 354098	9:28	3rd Dist	Req allotment for radio comp school.
354555	10/4	To Sills (T)	What wave length range desired on new design of radio compasses.
To Sills (T) re delay in radio compass equipment 11-12			Sims - Copy 5556-Great amplification of radio compass essential. 10:9 Sims-Copy 5558-Compass not essential.

DIRECTION FINDING

Number.	Date.	From or To -	Subject.	
346472	9/11	To S&A	Repts. shipt. of rad. apparatus from Wash. to Anytar Ft. Cross Is. for Rad. Com. Sta. W	
346823	9/11	To S&A	Repts. shipt. of radio apparatus from Wash. to St. Georges for Rad. Com. Sta. W	
347533 Old No.	9:2	TO S&A	Received back 5:9	
346771	9/11	To S&A	Repts. shipt. of rad. apparatus from Wash. to St. Georges for Rad. Com. Sta. W	
347332	9/13	To S&A	Repts. shipt. of rad. apparatus from rail. to Boston for Rad. Com. Sta. W 10:24	
To S&A Repts. shipt. radio apparatus Boston to Charleston. 11-23	9/13	To S&A	Received back 10:20	
347271	9/13	To S&A	Repts. shipt. of rad. apparatus from rail. to Boston for Rad. Com. Sta. W 10:24	
295395		See CARD 21	To Boston. 2 compasses will be shipped from rail. to Boston. 9/14	
347853	9/14	To Phila.	Repts. shipt. of rad. apparatus from rail. to Boston for Rad. Com. Sta. W 10:24	
347337	9:12	End Norfolk	Repts. shipt. of rad. apparatus from rail. to Boston for Rad. Com. Sta. W 10:24	
348744	9/17	To S&A	Repts. shipt. of radio apparatus from Wash. to Phila. for Pauline. W	

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
349879	9:17	Wireless Lamp Co	Adv copy of proposed agreement sent by Sperry Co covering assembly of 150 radio compasses receivers, protest against signing.
349879	9:17	40	File—Ames W. Lykes. 11:16
349012	9:13	Boston	Req audion control box and air condenser shipped to Superintendent Newport.
		To SEA req ship from Washn to Newport radio variable condenser 6-12	Boston Oct 28. To SEA req can SO 9-19-18 5-29-19 SEA 6:7
349299	9/18	To Paile.	Req instr. for operation of compass.
349649	9/18	To SEA	Req instr. for operation of compass.
349298	1/19	To SEA	Req instr. for operation of compass.
350710	9:22	2nd Dist	Req instr. for operation of compass.
349657	7/20	To Paile.	Req instr. for operation of compass.
353772	10-2	To Insp FR	Req instr. for operation of compass.
34429	10/11	To Internat. Tele Co.	Req instr. for operation of compass.

DIRECTION FINDERS:

Number.	Date.	From or To-	Subject.
343086	8:29	Marconi Co	Fwd's instructions covering flying boat radio transmitter for J F Donohye, 2nd C Elec.
343570	8:27	R S 80	Have purchased a carload of plain red oak from Williams, Varis Lumber Co, acknowledges with thanks authority of bureau to fwd. W
312449	8:21	Navigation	Fire Room Unit for training firemen operation of same. 15 copies of reducing valve ordered from Boston Valve Co. To Mr. Is. (T) 18018 - Boston Valve Co. have no record order number 8/27 RB from C&A 6:9 was issued to Mr. Boston Gate 9/3 cancelled for destroyers building 9/3 to Mr. Is. (T) Gives position rad. compasses for TDS. 9/9 Insp Boston-Order cancelled S F Bailey R 8/3 MI Tel- no authority to mfg radio compass house for destroyers listed W ?
fr. cd 26		To Mr. Is. (T) 18018 - Boston Valve Co. have no record order number 8/27 RB from C&A 6:9 was issued to Mr. Boston Gate 9/3 cancelled for destroyers building 9/3 to Mr. Is. (T) Gives position rad. compasses for TDS. 9/9 Insp Boston-Order cancelled S F Bailey R 8/3 MI Tel- no authority to mfg radio compass house for destroyers listed W ?	
to Boston, re post for dwgs on receiver transfer switch, 10-2			
344779	6:11	Annoma Constr Co	Quotas prices for receiving booths. W
344886	9:4	Com	Variations for bearings taken by radio compass, fwd report on experiment conducted at Belmar. W Fwd. Phila. 9/10 received back 9:28

See Doc. 35

DISPATCH FINDERS:

Number.	Date.	From or To—	Subject.
345603	9:4	Phila	Radio booth, conf tel cov rel to, erection of
345823	9:5	Boston	Fwds radio compass calibration for three vessels. W
345502	9/7	To Phila. To—	Allots amt. for develop. work rad. compasses. W Bu authorizes Phila to carry on necessary re- search work to improve sharpness of minimum of in setting compass. 12/17
342570	9/6	To Russell-Sc. Mo.	Reqs. information as to contract referred to. W
345501	9/9	To 2nd. Dist.	Re calibration of Radio Compasses. W Fwd Dept, 10-9
346345	9:3 To Phila 10/8 R. B. Oct. 10 Fwd Coast Guard 10-14	Boston to be given to let. Fwd. Phila. 2/23	Radio compass station at Demiscove Isl. W Instructions to have door omitted. W Fwd. Phila. 2/23
34430	9/9	Int. H. 2 Co	Status of shipment of Radio compass coils 529
346167	9/10	To Phila.	Gives ship. instructions for receivers. W
348794	12/15	To Nav.	Bu reqs to be inf rmed when deliveries of repeaters can be expected from Sperry Gyroscopic Co. W fwd Navgn 5-8 rec back 5:16

DIRECTION FINDERS:

Number.	Date.	From or To--	Subject.	
/ 312449	10/11	Maré Island	Asks probable date of shipment radio compasses for destroyer 136 Maré Island Oct. 14 Telegram information of radio compass holding up work To Phila is (1) 10-11 radio compass coil and use dest. and thirty-six shipped from Phila Oct 11th 24 Railway Express Lading thirteen een forty three 10-19 To Phila- confirms phone- Radio compass coil and use for Dest. 136 shipped 10-11th Am Ex Lading 1123-10-21 Boston Oct. 19 - Fads vandykes Shipment Order 6:4 received back 11:29 Shipment Ord of 6:3:18 HB 6:12:19 Reports inability to make radio compass at Cape Henry work W	W
359818	10/17	Communications		
359872	10/17	Communications	Fads report of Lieut. An loly in connection with certain distortions at Bay Shore radio compass station W	W
✓ 360011	10/15	Hampton Roads	Direction finder coils - Fads report of tests of detail comment	
360009	10/16	Hampton Roads	Direction finder coils for planes - comments on trouble experienced W	W

Number.	Date.	From or To—	Subject.
308839		FROM CARD 25	Phila Oct. 14 Phila. spec. 1 report of ... Oct. 14; 14
348941	11:12	To Dept	Old lumber received back a ... alteration, 11:21

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.
8 339850	8:17	Naval Com	Ends copy of authority for use of Coast Guard Station 13 and 46 for shore radio compass. 2nd 1st Dist Via Boston 8-27
339278	8:20	Y&D	Make additional allotment covering cost of billets at radio station.
✓ 340264	8:22	<u>Sims</u> Copy 3389	Asks when radio compass will be shipped. W
341195	8:27	Dept	Copy of letter to 1st dist giving correct position of shore radio station 1st dist.
341194	8:23	Dept	Copy of letter to 1st dist giving correct position of shore radio compass station for 1st dist.
341193	8:23	Dept	Copy of letter to 1st dist giving correct position of shore radio compass station 1st dist.

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.
✓ 341924	8/22 8/26 Fwd. Rm. 9/14	Naval Com Coast Guard	TEL: Request arrangements with New Eng T & T Co be made in connec with radio com- pass station at station 46 Fwd. S&A 8/29 received back 9:12
341500	8/27	To Boston	Re to. that Ensign Washington report to SE Fwd. morning 9/3. W
341576	8/27	To Phila.	Re to. that Ensign Forbes be ord. to report to SE. W
341577	8/27	To Seemav.	Re to. that Ensign Bullantine be ord. to report to SE 9/3. W
342268	8:27	Naval Com	Fwd. copy of letter from Coast Guard author- izing use of coast guard reservation #8 for radio compass station. W Fwd. 1st Dist. 8/29
✓ 342681	8:29	Marconi Co	TEL: Request expedite delivery of short bulletins for test flying boat transm.
342906	8/28	To Phila.	Re to. that Comd. be supplied with in trust for compasses. W
342906	8/29	To S&A	Re to. shipment of Radio apparatus from Phila. to Wash for R. C. Test Shop. W
345339	9/9	Sims 4248	No definite practical results yet obtained with radio compasses



DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.
336665	8:5	Naval Com	This report of Lt Appleby in connection with shore radio compass station of Cape May W Fwd. 4th Dist. W
336767	8:1	Phila	Confirms tel conversation reast purpose auxiliary audion controll box. received. W
337168	8:10	Hampton Roads	Submits report of British method of determining direction of sig. using 1st method. W
337266	8:1	To Boston	In connection with locate direction compass station. W
337392	8:13	2nd Dist	Reast all available information with To 1st Dist. W
337521	8:13	Washington Yrd	Protection of radio compass received. fwd report on. W

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
337527	8:7 8:13	Super Boston Communication	Relative to radio direction at Portland Radio Station.
340086	8:27	Fwd 2nd Dist	Old Number New York - Material to be purchased. " 9:10 S&A Oct. 8. Request recommendation in connection with assignment Fwd S&A 10-15 To S&A Rgt info re ship of radio 11-19
338690	8/16	9th Dist	Radio list from the ... for 9th Dist ...
337527	8/20	To 1st Dist.	All ... Y&D - S&A allotment 8:27 To ... as possible. 8/16
340329	8:22	Communication	Gives position of shore radio compass station Newport.
340423	8:21	Boston	Improvement of radio compass which will shortly be needed by oversea forces in large numbers, request Bulletin be authorized to look into. W
340451	8:22	Communication	Gives correct position of shore radio compass station Cape Hatteras and Henry and Cape Hatteras & Cape Henry. 9/6

DIRECTION FINDERS:

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Number.	Date.	From or To--	Subject.
334129	8:4	Naval Communication	Ends report of Lt. Appleby on radio station at South Bay Coast Guard Station received back 9:14
334830	8:4	Naval Communication	Submits report of Lt. Appleby on radio station at South Bay Coast Guard Station received back 9:21 Boston - 8:21
334833	8:4	Naval Com	Submits report of Lt. Appleby on radio station at Officers Quarters received back 9:23
334932	8:4	Naval Com Communications Oct. 17	Submits report of Lt. Appleby on radio station and recommends that all tel. and other lines leading to South Bay radio station at Deshaugh be under the ground or as near as possible.
335192	8:7	Communication	Copy of letter from Coast Guard authorizing use of coast guard station #2 for radio compass station. Received back 9:23
335573	8:7	Insp. Newport News	Recast prints and instruction radio compass and tel. installation on destroyer be supplied w
334096		See CARD 38	

THE ETHICAL FOUNDATION

Number.	Date.	From or To-	Subject.
336230	8:10	Communication	Report from Lt Appleby on radio compass station North Star received back 9:13 to Dist. Officer will be sent by Roy 1st station center box not by il die 10-21
336857	8:12	Y&B WRONG ENTRY	E H Freeman. Elec Co - 4 yds samples of sockets also catalogue, reqd to be considered in placing future contracts. L
336857	8:12	Y&B	Make allotment covering construction of radio compass station at Cape Henry & latter

Number.	Date.	From or To—	Subject.
✓ 329245	7/23	To <u>Sim</u> (7)	To receive obtained from Radio Com. S Type 329245 sent to <u>Sim</u> 7/23/35
329249	7/25	To Boston	Re: H. H. T. in Charge of Rad. Com. S installations be directed to expedite installation on Station. 7/25
329775	7/16	Porton	Continues tel. conversation in conn w. radio compass and names of destroyers & pt w. radio compasses 79-6
✓ 330155	7:24	Sperry Co	Re: Instructions as to further shipment of radio compasses. To: <u>Sperry Co.</u> to be del. to Station. 7/20
V 330414	7:25	Naval Com	Re: copy of correspondence authorizing instal. of radio compass stations at Coast Guard station #107, 150, 181, and 183. To Com. 1st Lt. 7/23/35 Capt. Co. US Coast Guard let. 7/23. 7/35
✓ 330638	7:26	West Elec Co	Re: Request two copies drawings covering radio compass receiver. West Elec Co
330806	7:22	3rd Dist.	Re: sketch of New York City vicinity showing location of proposed radio compass station. 7/22/35 received back 9:12
CARD 331012	7/20	To Inter. Co.	Re: (3rd Dist. 10-22-Rec changes in location) Y&D - makes allotment to Inter. Co. 7/20/35

DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.
331848	7:25	Phila.	Confirms tel conversation in connection with method of protection of radio compasses. W
332423	7:30	Naval Communication	Fyds report of Lt. T. Appleby on Shore Radio compass station Newport R. I. Rec. in dist. 3/4
330380	12/3	To Phila.	Asks what material comprised a Type SE 515 compass coil.
332296	7:29	Naval Communication	Fyds report of Lt. T. Appleby on Shore Radio compass station Rockaway. W
332426	7:29	Naval Communication	Instruct set true north shore radio station Coast Guard Station #16 W
332427	7:29	Naval Communication	F&D - allotment made - 9:15 Bill for Coast Guard Station 53 received back 8:16
332425	7:31	Naval Communication	Rec radio compass station be established on Coast Guard Reservation #36 Rec. in dist. W. T. Port. 1/2 received back 8:16

DIRECTION FIELD NO.

Number.	Date.	From or To—	Subject.
326390	7:12	Naval Communication	Radio compass at Coast Guard Station 107 can be set true north by line marked on top of north and south rails. "
324764	7/13	To Phila.	Quotes long distance tel. conversation requesting that report Radio and Bullentine be sent to Boston and then to Phila. to take up matters of the Radio Compass. "
326896	7:12	Department	Request disposition of radio compass at Madrid. "
327152	SEE CARD	47	To H.V. Intell. Rept. that radio compass available at Madrid be turned over to Com. Silvester. 7/12
328045	7:18	Communication	Shore radio compass station makes report on finding and recommendation for installation of radio compass. Rept. sent to Phila. by 7/18 to instruct. to be sent to Boston. 7/18
327818	7:17	Boston	To Phila. 7/18 to instruct. to be sent to Boston. 7/18
328573	7/23	To SEA	Recommends installation on audion deduction, to eliminate vibration. received back 3:11 To Boston. Rept. received in operation of radio compass. 7/23
328978	7/23	To Phila.	Rept. ship's of radio compass from Wash. to Phila. 7/23
			Author. to Phila. 7/23 to take up matters of the Radio Compass. "

N. S. E. Form 134.

Number.	Date.	From or To—	Subject.
216979		See Card 26	To Phil. Repts. hist. of radio apparatus
Phila. 10/19		To MELVILLE- Asks they ack receipt of 6 radio compasses 10-16	From Phil. to Brest France- Ack that they ack receipt of above material 10-16
174414/174415	7/19	To Phil. Repts. report Sh Order 1;3	Phila. report on receipt of 3 radio compasses. 8:20
		To Brest France four type 38	To Brest France- Ack that they ack receipt of above material 10-16
		598 radio compasses be cable	Phila. copy of Report on receipt of radio compasses apparatus during transmission. 12/16
		To Wash.	
227585	7/19	To Inter. Tel. Co.	Desires that they ship 4 type rad. compass coils & 4 switches to Phil.
227902	7/19	To Phil.	Repts. to modify 6 rec'ds. making them suitable for use with 3000 rad. compass Washington 8:28
328518	7/22	To Inter. Rad. Tel. Co.	To Phil. Repts. of shipment & rec'ds to Phila. 9/14
			Repts. to investigate shipment of hand wheel for rad. compass for Phila. 7:24
328305	7:19	Naval Communication	Fwds letter from Lt Appleby sub report of visit to various shore radio compass stations. W Rad. 3rd. Dist. 7/23
328518	7:19	International R T Co	Hand wheel of radio compass will be shipped to New York. 7:18
329039	7:2	Simms	Copy of letter to France directing careful record be kept of alterations of radio compass.

Number.	Date.	From or To—	Subject.
223788	7:3	Signal Corps	Re: at Light Station can be given with visit Phila in connection with direction finders.
322470	7/9	To Phila.	Reqs. report & recom. on design of radio compass. W
323856	7/9	To Phila.	Gives tel. conversation re tracing ship. of compass coils. W
324036	7:8	Naval Communication	Shore radio compass station #183 and Cape Hatteras Light House, can be set True North by NS line of main building. W Fifth Dist - 7:12
325010	7:8	Naval Communication	Radio compass at Coast Guard Station #150 can be set True North by NS line of main bldg. W Fwd. 4th Dist. via Com. 4th Dist. 7/12
325009	7:8	Naval Communication	Compass at Cape May base can be set true North by sighting at Cape May Light House. W Fwd. 4th Dist. via 4th Dist. 7/12

DIRECTION FINDERS

Number.	Date.	From or To--	Subject.	
	7/10	To Phila.	Repts. wave length range of radio compass.	W
325151	7:2	<u>A J Mantsche</u> & Co.	Are in position to mfg at once sound proof receiving booths, factory not busy. Are in position to mfg. 7:2	W
325478	7:10	Naval Communication	Submits report of Lt. Appleby to Shore radio compass station at Assateague Isl. Fwd. Phila. 7/16	
> 325477	7:10	Naval Communication	Submits report of Lt. Appleby to Shore radio compass station at Cape Hatteras. W Fwd. 5th Dist. 7/16	
> 326391	7:12	Naval Communication	Radio compass at City College New York can be set true north by line marked at top of railing around tower. W To Phila. for int. llation of radio compasses at Washington City College. 7/17	

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DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
✓ 322774	7-5	To NY International R.T. Co. 7:15 Washington 7:5 received back 7:18 Philadelphia 7:16	In re radio compass for International R.T. Co. 7:5 To Phila. Repts. that 1 compass be shipped by for NEW TELCO. 7/5 To NY. Re above. 7/5 To Wash. Repts. shipt. of rec'ng equipt. 7/5 To Inter.R.T.Co. States one set of switches will also be needed. 7/9 received back 7:15 Instal. of radio compass. True north can be obtained at Coast Guard Station 151 at Cape Henry.
322878	6:28	Communication	
✓ 323393	7:3	E J Jarvis	Present radio contract covering radio compass will shortly be completed. asks information future requirements. " To — No further needs at present. 7/10
✓ 322472	7/6	To Phila.	Confirmation of tel. call re shipt. of radio compasses. W Phila - 7:15
✓ 322824	7/5	To Boston	Re shipt. of 2 rad. compasses for installat- ion. W
✓ 324748	7/11	To MI.	Repts. report re installation of radio compasses on S.C. "
324749	7/11	To Inter.R.Tel.Co.	Believes that overtime work was nec. W

Number.	Date.	From or To	Subject.
	1-1		To Cd. Sta. Cape Hatteras. Asks if rad. apparatus rec'd. 9/3
	1-1		To Shipent order 6:21 received back 9:16 Cape Henry, 11-5 radio apparatus was to
	1-1		
	1-1		
	1-1		
	1-1		
	1-2		To Sta. Siscoonsette Ask if rad. apparatus rec'd. 9/20
	1-2		RE 1/3/20

Number.	Date.	From or To—	Subject.
320516	6:18	Phila	Personal - Relative to securing shipping instructions for house. W
319440	6/27	To Inter. Rad. Tel/Co.	States have decided to use 20" coil. W6/27 To Phila. Gives tel. conversation re 6 ft. compass coil ordered from I.R.T.Co. for coil of 6.01 MI. 7/2
258582	6/27	See card 7	Re SCA ltr. ship to Phila to NY for Radio Listener - i - to Radio Compass for 707
320708	6/28	To Boston Boston - Sub estimate of radio compass required. 7/5 Boston - Fwds vandykes 8:14	Author. Ensign Bowdin to obtain 2 radio compasses from HL Cox TBM. W Boston - Fwds prints. 7:25 Boston - Report of installation of compass on destroy SS. S. S. V. V. S. S. 7/1
First Dist 6:24 received back 7:2 To 1st. Dist. Sum allotted for purpose of providing suitable blanks for radio compasses. 7/8. To 2nd Dist. Re t. that rad. compass be shipped to Siasconsett for installation. 7/8 Showing transmitter and radio compass sketch 5th Dist - Submits report 7:10 To 3rd. Dist. via Com. Y. Re to be advised when station is completed & equipped for service. 7/15 Will recommend improvement in 24 inch searchlight. L WRONG ENTRY			

4-3351

DIRECTION FINDERS

Number.	Date.	From or To	Subject.
318141	5/20	To SAA	Re. t. sh. t. of radio apparatus for Radio Station from Phila. to Cape Henry.
318141	5/20	To SAA	Re. t. sh. t. of radio apparatus for Radio Station from Phila. to Cape Henry.
318142	5/20	To SAA	Re. t. sh. t. of radio apparatus for Radio Station from Phila. to Cape Henry. IS: Phila - No source of power available for shore storage battery at Coast Guard Station #156 5/7/10
318145	5/20	To SAA	Re. t. sh. t. of radio apparatus for Coast Guard Station from Phila. to Cape Henry. V. To Cape Henry. Asks if rad. apparatus rec'd. 10/4
318788	6:9	Boston	No radio compass for Walke, Jonette and Stringham. W

Number.	Date.	From or To--	Subject.
		To Phila. Give schedule for ships. To Phila. Give ship directions for To Phila. Change in position of compass for Base 25.9/25	To Best- In re shipment radio transmitting sets--6-6 Phila 11:4 Phila - 7:37 To Re: that all reports in future show dates & other data. 7/31 Fwd to Boston 8:22
cd 35	8:8	S&A - Fwds copy of report on shipment, and asks if progress sat. I - TEL: Ship can be shipped at once and install prior to sale of vessel or can use ship for Rollinson. To Phila 9/5 Fwd S&A 9/5	MI - TEL: Request reshipment of radio compass from destroyer 99 to 92 and 104 to 112 w (with Ashton Co. No prices und. \$500)

DIRECTION FINDERS) 919

Number.	Date.	From or To—	Subject.
✓ 313016	5/31	Mazer Acoustile Co	Submits estimate covering sun pr f booths-W
313885	6-7	To NY (T)	Auth expenditure 250 dollars installation radio compass Montauk Naval Emergency a.p. 3 Y&D - 8:5 To Y&D. Allots amt. for install. rad.com- pass. 8/30 Received back 8:28
314062	6/7	Naval Communications	Rept copies of instructions for installation of radio compass - W
315249	6/7	Hard Leonard Elec Co	C B French Cabinet Co highly recommended as mfr of sound proof booths. W
315375	7/7	Phila	C. Sims T conversation asking if yards shall purchase one of ten foot coil to Phila. Approved re t. 7/13
316596	10/1	Mare Island	Fwd's prints requests telegraphic action W 10:31 11:43-3 days not in stock. 10:31 to Phila. 11:12 Ph-Tel 45 relay shipped tp M I. 3:21 to Phila Tel 3-14 To M Island Tel 3-27

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
301751	4-30	To Phila	Radio Tel. Shipment of 20" radio compass receiving equipment from Washington to Phila-W
302357	5-2	To N Lon	Best every effort be made to install three radio compasses on submarine chaser W TO S&A-- Rgst shipment from Phila to N Lon 3 radio compasses--
✓ 304432	5/6	K & B Co.	Ask for additl order for radio compass house. To -- Cannot give no. of radio compass houses to be ordered in future but that already delivered are satisfactory 5-9
✓ 283317	5-8	See Card 17	To Int Radio Tel Co-- Fwds one vandy ke of each of listed drawings--W
✓ 305742	5-13	To S&A	Re shipmt from Washington to Phila of 2 type SR-712 radio receivers, W Shipment order 5;13 received back 5;24
✓ 307174	5-17	To New London	Fwding report on test of short wave radio compass, W

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
307797	5-20	To Bost (T)	Install future radio compasses on destroyers in auxiliary radio room after deck house. Separate compass room over engine hatch disappeared.	W
308529 To S&A ship from Phil	5-22	To S&A To MI amend of 3-20	Repts shipment from Phila to Bost for ships radio compasses	W
TO CARD 102	5-22	Shipment ordered 5/22, RB 6/19	Repts shipment from Phila to MI for ships radio compasses 5-22	
		To Phila. Re priority of shipment of radio compasses to Boston 9/14 received back 11/1	To — Repts shipment to Ports ditto. 5-22	
		To S & A requ shipment radio apparatus from New York to Phila	To — Repts shipment to Norfolk ditto 5-22	
		To S & A requ shp radio apparatus from Norfolk to Phila	To — Repts shipment to NY ditto 5-22	
309446	5-22	To S&A amend of 30 5-22 3-29 Sperry Company	Received back 7:22 Shipped. W 7:55 Ship Ord of 5:22 RB 6:22 Drawings listed of radio campus. W	
310799	5/9	Pearl Harbor	Recommends installation of radio compass Cavita, Pearl Harbor, Pago Pago & San Diego or Darian for use in detecting enemy wireless plants in Pacific Ocean - W Fwd Dept 5-31	
311641	5/28	Mazer Acoustile Co	To S&A Repts shipment of radio compasses from Phila to Pearl Harbor To S&A-Req ship from Phila to Pearl Harbor be of radio compass be canceled. 1:17 Request insurns re submitting specifications for single and double type of sound proof booths-W	
311641	5-29	Phila-Material shipped to NY 12:15	Repts shipment from Phila to Liverpool To S&A Repts cancellation of above 1 2-12	

DIRECTION FINDERS

Number.	Date.	From or To	Subject.
298797	4-23	To Phila	Radio Tel-Supply of receiving equipment to complete the lot of 25-30" compasses-- will be informed of delivery dates-- W
298798	4-23	To Phila	Radio Tel/ Supply of receiving equipment to complete lot of 25-30" compasses--
298799	4-23	To Phila-- Phone conversation in re to above and shipment of compasses-- 4-24	Phone conversation in re to same-- W
298799	4-23	To Inter. Radio Co. in re above-- 4-25	To Phila in re above-- 4-24
299871	4-23	To Phila International Radio Co--	In re above-- W
299871	4-23	TO SEA	Rqst shipment from Wash to Sims radio compass--
301082	4-25	Sims copy 7023 IL 6970	Recommends radio compass on new destroyers be calibrated for error on CCO meters. W
298860	4-24	To Navy Radio School N.Y.	Radio shaft will be replaced as soon as possible W
301587	4-26	Internatl R T Co	Test of sample airplane transmitting sets being built for Signal Corps - requests arrangements for. W

DIRECTION FINDERS

Number.	Date.	From or To	Subject.
298795	4-25	<i>Amex</i> To International Radio	Tel. Co- Radio Tel- shipping of compasses Log distance & phone conversation with Lt Hogan-
✓ 301692	4-27	International R T Co	Cannot make shipment of 2 coil transfer switches and control switches for radio compass today - gives reasons why. W ~~XXXXXXXXXXXXXXXXXXXX~~
✓ 301804	4-26	Internat'l Radio Tel Co	Request drawings covering details radio com- To Int Radio Tel Co-Will fwd drawing--5-1
302301	4/25 4/29	Phila S&A	Submits report on shipment of radio compass - W TO S&A- Understanding correct--5-4

DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.	
296130	4/12	To Prof Robinson ✓	Re progress of instructing men for operation of radio compasses. Re add'l apparatus, more complete training, etc. W College of the City of NY—4/15	
296596	4/12	To Phila	Reqt Expert Aid # allantine be assigned to no other work than development, and work on radio compasses. W	
298072	4-12	Phila	Radio compass - boxing of material for shipment - forwards print and requests that Internatl Radio Tel Co be authorized to pack houses in crates. W To — Next order of 225 will be shipped by suggested method of boxing 4-24	
298126	4/13	Inspr Allis Chalmers VOID	Asks what routine reports Insp'r Machy is supposed to make. SG	
298124	4/12	NY	Radio compass boxing material for shipment copy of letter to International Radio Tel Co. W	
✓ 298337	4-16	Decker Co T	Reports receipt of audion amplifiers for compass. Compass too large. Request small portable. W	
296159	4/11	To Dept via Nav Intell	Fwds prints showing radio compasses. W	876

DIRECTION FINDERS. 919

Number.	Date.	From or To—	Subject.
✓ 298192	4/17	To Harvard Radio School.	Quotes from letter of Dr. Goldsmith re fitness of men transferred from Harvard to Columbia College, to undergo further training in radio compass operation. W
✓ 298934	4/16	GE Co	300 audio frequency amplifiers for radio compasses—request action on their quotation of March 28th. W
GE Co - Request wire J J Kline whether or not additional 100 amplifiers are to be duplicates of those already furnished. 4-5-3			To GE Co- Contract amended to call for 200- W Co - Submits quotation on am 4-27
✓ 298961	4/16	Phila	Radio compass house-recommends those being mfgd by B.E. Jarvis be shipped Phila -fwds prints. W
To J J Kline - Ignore Tel May 6th Defer Mfr 100 additional amplifiers reasn NSA50048 until receipt of new drawings will be fwded Friday P 5-7			To B.E. Jarvis - Directs pack compass houses in extra heavy box. 4/20 To J J Kline - GE Co- 100 additional amplifiers are to be duplicates of reqn NSA 548 with modification stated by Was-Yard-5-6
✓ 299460	4-18	Internatl Radio Tel Co	Re-inforced strap for radio compass house error in drawing. W To Phila - Best drawings corrected and fwd. To Int Radio Tel Co- 4-26
298984	4/18	To Phila	Development work on 20" radio compasses. Directs undertake. W
299325	none	Phila	Radio compass-confirms telephone conversation. W
298780	4-23	To B E Jarvis To B E Jarvis Inc- 5-10	desired that you box houses as shown on drawing RD 69F 164A -inform Bu cost of increase- 4-23 W B E Jarvis - Submits quotation on new style of crating. W 5/4 To J J Kline - in re above- 5-11

DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.	
✓ 294169	4/4	To Inter'l Radio Tele Co	Reqt stencil designation "SE 995" on all boxes containing radio compass coils or houses. W Phila - Copy of letter to Internatl Rl Co, relative to name plates. "4-?"	
✓ 294170	4/4	To Phila	Shipt of 20" compass coils and houses by Inter'l Radio Tele Co. Submits report of. W	
✓ 294168	4/5	To B. E. Jarvis	Contr for radio compass houses awarded. Detailed instrns in connection with. W To Phila--Reqt send inspr to Jarvis works. 4/20	
2955395	4/2	Dept	Radio compasses on destroyers gives procedure to be followed. W	
To Boston 8:23			To Best-(J.I.H.) installation radi compasses on destroyers. Det info in re to-6-4	
✓ 2955003	4/4	See CARD 295536	To Nri- Ditto- 6-4 To Nosi- Ditto- 6-4	
		Phila	Radio compass-fwds report of radio elecons U.S. Ballantine on report and recommendations radio compass being used Internatl Radio Co and visit to College of the City of New York. W	
38661/2	4-6	To Washington	Radio Tel Motors for radio compass sets bids fwd return of papers reqd	706
294945	4/8	To New Lond Base T	Lt. Forbes, Exper Radio Aid Forbes, and Ballentine will visit New Lond to confer re install of radio compasses. W To Phila--(T)Traveling instrns. 4/8	

DIRECTIONS FINDERS. 919

Number.	Date.	From or To	Subject.	
296126	4/9	To Phila	Tracings of instrns for use of radio compass receivers. Wash will fwd. W Phila-5/7	
✓ 296127	4/9	To Inter'l Radio Tele Co	Re ship of houses to various points. W Internatl Rad Co 4-11 To Int. Radio Tel Co-shipping dates s.t. factory. 4-23	
297255	4-9	War Department	Request pamphlets and drawings covering direction finders. W To Evds. 4/18 Signal Corps-acknowledge booklets. W 4-23	
294174	4-6	To Phila (T)	Expert Radio aide Ballentine and Forbes should reach Boston Sunday afternoon--- connection radio compass installation on the Little	79-Q-6
✓ 296592	4/11	To Sperry Co	Directs keep accurate record on weekly reports of estimated deliveries, etc., of receivers. W Sperry Company 4-17 To Sperry Co- --5-2	
294174	4/8	To Boston (T)	Please direct Lt. Alex Forbes now installing radio compass on Little New London on return consult with Lt. Comdr Libbey regarding installation compasses on 110 and 200 ft. boats. W	79-Q-6
292709	4/12	To Wash	Manuf of two add'l SE 712 radio compass receivers. Instrns re manuf to replace instruments on PENNA. W	

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
290766	3/21	To Weston Elec Inst Co	I f receive an order for ammeters from City College of New York, directs expedite delivery of Weston Elec Co-- Will have special instruments ready for shipment in about three weeks. 4/1 Western Elec Inst Co--4/19
290771	3/21	To City College of NY	Submits report of conference between Bu. Prof Robinson and Dr. Goldsmith, re radio compasses. W College of the City of New York-W. 3-23
290772	3/21	To Phila	Manuf of fittings for radio compasses for seaplanes. Directs proceed with work. W--
291479	3/25	To Phila	Schedule of delivery of 20" compasses. Fwds chart of. Reqt send weekly report. W To Inter'l Radio Tele Co--Ditto. 3/25 To Wash--Ditto. 3/25 Internatl Rad Co-3-29 To Inter'l Radio Tele Co--4/4
292051	3/25	Phone NY	Training of men for radio compass operators at City College of New York. Ask when 25 men will be available. W To 6th Dist--Re training of radi compass men. 3/29
291702	3/23	To Harvard Sch of	Description booklets for radio compass. Fwds. W

DIRECTION FINDERS. 919

Number.	Date.	From or To—	Subject.	
292056	3/26	To Bost T	For Lt. Forbes no drawings available for compass antenna. W	
292057	3/27	To Dept	Recommending that radio compasses on destroyers be calibrated prior to sailing of vessel for European waters. W	
	4/11	Dept-states destroyers will be available for calibration of radio compass. W	Operations-Directs Little be allowed time to calibrate radio compasses. W (Cross to LITTLE-6)	
292707	3/29	To Johns Manville Co	To LITTLE-Directs arrange to carry out calibration. 4/1	
J-M Co--4/19	4-20	J-M Co--Request further information. W	Directs expedite delivery of flexible shafts for radio compasses. Gives reasons why. W	
J-M Co--	4-20	J-M Co--req shipping instrns. 4/20/4-25	J-M Co--Gives dates of shipments. W 4-2	
(T) To	4-23	To J-M Co--Expedite order 4-23	To--Ask if can maintain rate of delivery desired by Bu. 4/10	
293291	3-28	GE Company	To--(T)Directs proceed with manuf of flexible shafts. 4/16	
		Req NSL 1670 to Wash 4-24	Quotes prices on amplifiers for radio compasses. W	876
294796	3-28	Puget Sound	Reports result obtained from radio direction finders. W	
294171	4/3	To Phila	Details of manuf of radio compass. DTelephone conversation in connection with. W	
294556	3/30	Phila	Copy letter to Internatl Radio Co reuqting expedite delivery of hardware for compass houses.	

Number.	Date.	From or To--	Subject.
287501	3/9	To Exp Sta To C&R - Recommends that chart house on 200 ft patrol boats be modified for radio app 5-9 Fwd Dept 5-17 R B 6/1	200' patrol boats. Installation of radio compass and telephone in chart house. Fwds drawings with detailed comments on. W Fwd Dept 5-17 Fwd C&R 5-17 Fwd Under on 200' boats. (Circs to 5-2-5)
3175	3/11	Phila - Fwds prints. W 4-12	Radio compasses - recommends certain changes in land wheels, supporting boxes, etc. W To Inter' 1 Sig Co - Fwds copy of above letter with comments. 3/14 To Phila - Lists changes recommended. 3/14
288032	3/12	To S&A To S&A Reqs that shipment be made from Phila to NY for Melville - radio compass 5-9 S & A 5:13. W To S&A - Shipment of radio compasses from S & A factory - 5-18 To 30 - 10:19 To MELVILLE - RE error in records by Phila - 5-6 Phila - Report on shipment 9:26 CO MELVILLE - 10:19 Fwd S&A 10/2/19	Radio compasses with houses ship to MELVILLE Brest and Gibraltar. Directs ship in equal proportions. W To S&A - Reqt ship of compasses from Phila to MELVILLE. 3/12 To S&A - Ditto to Brest and Gibraltar. 3/12 To Sims - 3/15 To S&A - Non-shipment of 20" radio compasses by Phila - 5-6 Phila - Report on shipment 9:26 CO MELVILLE - 10:19 Fwd S&A 10/2/19
288861	3/8	Phila 11-21	Reports on status of shipment abroad.
34429	3-5	Internat'l Sig. Co. See CARD Doc 1.51 See CARD Doc 1.51	Acknowledges receipt of letter re method of determining cost of construction of radio compass receivers. W. 629.
289145	3/14	To Phila	Delays concerning assembly of radio compasses. Auth Machinery Division to take over assembling. W
289146	3/14	To Nat'l Elec Sup Co	Will expect company to deliver 5 SE 998 receivers to Wash Yard on Friday, March 15th. W

DIRECTORY TELEGRAMS

Number.	Date.	From or To—	Subject.	
289845	3-14	Frank C. Stewart	States impossible to submit bid for radio compass coils and to see, due to non-accept of plans. W	
299286	3/16	To Wash	Interchange of corres on radio compasses. fwd Bu copy of all corres. 3/16 To Inter'l Lig Co--Ditto. 3/16 To Phila--3/16	Directs
290183	3/19	To Phila	Rest for Vanderkes of radio compass drawings. W Phila--radio compass-fwds plans. 4/5 To Phila--ask when drawings will be fwded. 4/9 Phila Drawings were forwarded April 5th. W 4-15	
290763	3/20	To Wash	Reqs for 225 DC motors, 225 high speed flexible shafts and 225 rotary ton condensers, being prepared. W	
1291336	3/20	Internatl Radio Tel Co	Reqt ruling on engraving graduated dial. W To--3/25	
1290764	3/21	To Inter'l Radio Tele Co	Desirable to ship radio compasses and houses to Phila by auto truck. Directs concentrate on manu of Henderson engines. W	
290765	3/21	To General Radio Co	Directs expedite delivery of variometers to Dr. Goldsmith at City College NY. W	

DIRECTION FINDERS.

Number.	Date.	From or To--	Subject.
✓ 285070	3/1	To Sims	Instrns for install, calibration and operation of radio compass. Fwds. W
✓ 285320	2/28	Sperry Co	Radio compass receiver - request drawings - W
✓ 285938	3/2	Sims	Request type of radio compass for 110 & 200 foot sub-chasers - W To Dept--3/8--RB--3/26 To Sims--Radio compasses appgd. 4/8
✓ 286000	3-1	Washington Yard	Copy of letter to Natl Elec Sup Co re: r'ing delivery of the Navy surplus radio compass receiver to be used by the in the production of similar articles. W Natl Elec Sup Co/3/4
286195	3-2	European Force	Forwards admiralty publications on radio compasses. W
285948	2/1 2/27	Naval Attache' London Nav Intell	Sykes-Morris direction finder-request information relative to use of in US Navy.W Fwd Nav Intell--3/7
286711	3-4	NY	R B 5/1 giving method followed at Phila Yd and recommends same procedure for all Yds. W radio compass - forwards drawings. W Fwd Phila--3/8 To--Lists drawings for which Vandykes are noted.3/9 Reqd shipt of radio compasses, etc. from Wash to City College. W.
284724	2-28	S&A.	876?

~~286674~~ 919: DIRECTION FINDERS.

Number.	Date.	From or To-	Subject.
286674	3/4	Internatl Sig Co Internatl Sig Co reports status of shipments. 3-11	20 inch radio compass coil reports delivery of first to the College of the City of NY on March 2 gives dates when ~~plane~~ will be shipped. 3/4 balance To--Acknowledges. 3/8 To Phila--Fwds copy of above. 3/9 20 inch radio compass coil-reports
286674	3/4	void Internatl Signal Co	
287104	3/7 To S&A--3/15	Sims 4741, 3158, 3706	Request information on status of shipment of radio compass abroad. To--(T) Gives action re shipt of compasses. 3/11 Sims - Copy - 5083 and 3730 - Asks how compasses wer. shipt. W 3-13
286624	3/7	To Phila Phila- Fwds weekly report. 9:21 Phila- 9:30 Phila- 10:26 fws report. Phila- Weekly report 5:21. Phila- Weekly report 6:20	Weekly report on receipt of 20" radio compasses. Instrps in connection with. W Phila- 4- radio compass weekly report on status on word. 4/6 Phila- weekly report. 4/15 Phila -- Fwds report week of 5:4 W S submits revised schedule for delivery of producing coils and houses for 20" radio compasses. W
286625	3/8	To Inter'l Sig Co	
286626	3/8	To Wash	Manuf of 75 rotary tone condensers. Auth proceed with. W
287258	3/8	To Post 3-8- Gives number of compasses at SE 74. installed at Cape Cod. W To Ports--Ditto for SE-74 at Portland. 3/8 To Harvard Schol--Ditto. 3/9--RB--3/16 To CONN M. Is.--Ditto. 3/9 Suggested plan of J.H. Hammond Jr for detecting unauthorized stations. 6-1 install of direction finders on Ford Cars not practicable. W	
287357	3/8	USS CONNECTICUT-3-20 (3-20) M Is. Gives serial # of rad comp to Point Argu'to To Nav Intell	

DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.	
✓ 281132	2/12	Phila	20 inch radio compass fwds prints of receiving apparatus. W	
✓ 281198	2/13	Sims Copy	No 3900 - recommendations for preference in installation of radio compasses from ocean seacraft to armored cruisers with trip convoys - W	
✓ 280526	2/16	Fwd Hydrographer	Prof A. Artom, fwds paper re radiogoniometer and triangular directive aerial patents. W	
✓ 34429	2-15	To Phila	Instrns re delivery of radio compasses on contr. W	629
✓ 282460	2/19	To Triumph Elec Co	Fwds drawings as listed. W	
283317	2/25	To Inter'l Radio Tele Co--4/2 To International Rad Tele Co--Fwds To Firms Sperry Co--quotes price on radio compass coils. 3/26 To S&A--3/26 Internatl Rad Tel Co Reqt vandykes. W 3-28 2/21	Inter 1 Radio Tele Co--Fwds Vandykes. 4/15 drawings listed. 4/3 Proposal for 225 20" radio compass coils will soon be fwded. Fwds prints, and repts prepare bids. W. See Card 24 Wiley Gray Electric Co - Request additional information. W 2-27 To Wiley Gray Co--Giv's information. 3/5 Drawings not recd. W 5-1 Ditto for Radio compass houses. W	

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
284126	2-23	Phila	Radio compass-instrns for installing, calibrating and operating-fwds. W
✓ 283570	2/23	To Inter'l Sig Co	Directs send one 20" radio compass coil out of first lot completed to City College of NY, for instrn purposes. W To—3/4
✓ 284385	2/25	GE Co T	Will complete two direction finders mufflers tomorrow - request expert be sent to Fort Wayne to conduct acceptance test - W To--(T) Ensign Eaton arrives Ft. Wayne Friday, 2/26
✓ 284558	2/22	Triumph Elec Co	Radio compass - have taken up manuf of with the Willey-Wray Elec Co - W
✓ 284360	2/26	To A.N. Goldsmith	25 men will report for radio instrns about Mar 4th. Recd pay special attention to matter how compass error is determined. W To 3rd Dist. Makes allot for equipment of Lab at College Point. 3/9
285102	2-12	Phila	Radio compass material - status of orders - To Phila--Gives action on. 3/2 To Phila--Gives action. 3/9 To Phila--Fwds sheet showing status of. 3/25
285403	none	Washington	Submits list of apparatus comprising 20" radio compass outfit. W

DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.
✓ 274111	1/17	To Wash	Development of control box for radio compass on seaplanes. Instrnc in connection with. W
274115	1/17	To Phila	Radio telegraphy data on 20" radio compasses furnished to Inter'l Sig Co. Wash Yard will supply. Phila 1-25
275522	1-22	Sims cable 3158	Radio compasses: additional required.W
218096	1-21	Phila CARD 13	W
275164	1/22	To Chief Signal Officer	Radio compass plans. Fwds drawings as listed.W
✓ 275799	1-22	C&R	Radio compass house; fwds prints.W
276915	1-25 Phila—4/12	Phila	Theory of radio direction finder applying to new types of radio compass; fwds vandykes.W To Phila—Reqt Vandykes covering.3/26
278212	2/2	To Phila	Radio compass for airplanes. Developed at Wash. Reqt make install on H-16 flying boat at Aircraft Factory. W Phila—3/2—fwds prints. To Dept via C&R—Fwds prints showing general layout.3/13

DIRECTION FINDERS. 919

Number.	Date.	From or To—	Subject.
✓ 278794	2/5	To E. J. Simon	Reqd furnish Wireless Improve Co with drawings and specs of the aurofan to be used with airplane transmitter. W
✓ 279016	2/5	To S&A	Arret for contractor procuring wire from Bost. Reqd make satis arrets for International Sig Co—procuring wire from Bost. W—RB-2/23 Fwd S&A—2/26
267870	2/7	To Inspa	Destroyers. Install of radio apparatus in auxiliary radio room. Install of Radio compass. Instrns in connection with. W
✓ 280583	2/11	Hims	Request that new destroyers be equipped with radio compass before sending to European waters. W
280526	2/9	Hydrographic Office	States triangular protective aerial patents have been ~~textbook~~ decided as belonging to Prof. Artom.
279767	2/9	To S&A	Shipt of apparatus for asembly of. Re status of such shipts. Directs check shipts. W—RB-3/28 Phila—fwd shipping memo. 3/11
279948	2/9	To S&A	Reqd shipt of material for assembly of radio compasses from Wash to Phila. W

DISPOSITION SUMMARY

FILE No.	From or To-- (Dated)	Subject
271926 12-4 1-4	VON TUBEN at1 Flt	Recommends installation of radio compasses in all vessels of the cruiser and transport forces; disapproved by Fleet W
270654 1-8 To Sims T Wavemeter for Gibraltar shipt Dec 22nd. Will trace. 2/5 To S&A--Req trace. 2/5 Sims radio 3/7/11 272197 1-2	To Sims T Wavemeter for Gibraltar shipt Dec 22nd. Will trace. 2/5 To S&A--Req trace. 2/5 Sims radio 3/7/11 272197 1-2	15 compasses for Queenstown and 7 compasses for Gibraltar will be shipt this month. W Sims 43623 copy asks when delivery of radio compasses for Gibraltar may be expected 2-4 Sims. 2-7 #3706 & 2569 relative to confirmed telephone conversation relative to shipment of radio compass to Madrid, Spain, via Paris W
272631 1-5	Phila	Radio compass, combined audion detector and amplifier for; request apparatus be secured for use at Radio Laboratory. W Fwd Phila--1/12
272631 1-5	Phila	VCID--See above.
272917 1/11	Internatl Sig Co	T Phila unable to identify delivery compass receivers on requisition 420.W To--(T) Ask if have given Phila sufficient data. 1/12
272533 1/10	To Phila Wash	Development of radio compass of airplanes. Fwds copy of Lt. Loftins report and blueprints. Detailed comments on. W Phila--Asks if sparking in engine ignition system of airplanes will effect radio compass. W Phila - 1-11 - To Phila--1/26

919: DIRECTION FINDERS.

273416 1/11 Internatl Sig Co

Fwds copy of correspondence with Phila Yard
rel to yards inability to identify shipment of
January 4th.W

To Norf--Fwds Vandykes.4/16

257870 SEE CARD 12

CARD To C&R--Recd blueprints shwing
57 location of radio compass be
fwded.3/8

To C&R--Directs provide for en-
larging radio rooms.3/18

274174 To Norf--3/23
1/11 S&A

To Wireless Improve Co--Fwds prints.2/18

✓ 274252 To Wash--Outlines work for special short wave radio compass.2/9
1/15 Internatl Sig Co

Internatl Sig Co-W-1-24 under manufacture and asks form in which

To Phila--1/28

Phila--Fwds rint of compass 2/2 -W

Phila 2/2 fws rint - W

To Phila--Acknowledges.2/6

Co 2-5
274624 1/16 Comm

Norf--recd VanDykes.3/19

To Yards--Install of radio compasses and auxiliary
radio room on destroyers. Instrns in connection
with 1/11

C&R fws sketch 1-19

C&R--Fwds print - W - 1-22

To C&R--Fwds Vandyke of type plan.2/8
C&R - Inq. its action taken.W 3-5

States has instructed Paymaster Phila Yard rel
to importance of immediately locating compass re-
ceivers and inspect packages at the yard.W

Radio compass material reports on those

requisition will be submitted.W

To quotes General specns.1/17

Co submits detailed report; request prints 1-18

88 1-21 Phila--fws prints.2/15
1-23

Request recommendations concerning commercial
radio stations and location of direction finding
stations in connection with bill giving control
of commercial radio stations to the Navy.(Cross
to 914)

To Nav Com--Rec be placed at minimum of 10 life
saving stations. 2/1

DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.
269515	12-21	Wash	Modified radio compass: fwds prints W
269499	12/21	Internatl Sig Co	6 ft coils and batteries for radio compass— status not yet received print.W To 12/28 To Phila--Directs fwd patterns to company. 12/28
269627	12/21	Washn	Radio compass receiver-fwds print.W
268631	12/22	To Phila	Reqt informat on re assignment of radio compasses. W--RB-2/26
269825	12/26	Internatl Sig Co	Formal order covering second lead of 16 radio compass receivers. To--Reqt submit est. 1/3
269816	12/10 12/10	Lieut E.M. Loftin Sims	Reports on witnessing test of direction finder used in the Royal Naval Air Service-- recommends each seaplane furnished from US be equipped with finder of type described.W
269399	12/28	To Bost	Effect of arc transmitter on compass. Directs carry on test of. W To Phila--Directs prepare rough specs for radio compasses. 12/29 Bost 1-5 Phila 1-9
269891	12/29	To SEA 741	Reqt shipt of apparatus from Phila to France for shipt of Madrid. W
270104	12/29	To Nat'l Elec Sig Co	Reqn numbers for radio compasses under manuf on cost basis. Reqn number is 420. W Internatl Sig Co--1/2.W To--1/5
		Internatl Signal Co 1-10 To Intern'l Sig Co--1/16	

DIRECTION FINDERS. 919

Number.	Date.	From or To--	Subject.
270467	12-29	Sims copy	Asks approximate date of shipment of radio compass. S
270928	12/31	Internatl Sig Co	Hardware for compass housing which differ from specifications--confirms tele conversation. W To--1/3
270739	12/1	USS CHESTER	Request authority to dismantle Kolster radio compass. W Fwd Patrol force 1/10 RS 4-15 European Forces--redt dismantlement of Kolster radio compass. W 3-1
271107	1/3	International Signal Co	States first compass receiver expressed Jan 26th -- will deliver one per day until 14 delivered -- W
271171	12-26	Phila	Radio compass: modification in. fwds 90 drawings. W To--Instrns re modification. 1/19 Phila - fwds print - 1/31 - W
271095	1/4	To Phila T	International Sig Co is contractor for radio compass houses. W To Phila - 1/4 Phila 1-13 Fwd S&A - 1/18 Fwd Phila - 1/28
271418	1/5	To Phila	Lists receivers, and reqts information re wave lengths of. W Phila 1-18

1917

DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.
✓ 260755	11/17	To S&A	Reqt shipt of radio compasses from Phila to
To Sims	(T) 1/29		MELVILLE. W
			To S&A—Reqt shipt of houses for radio
			compasses from Phila to MELVILLE. 1/8
			To Sims—Gives action taken. 1/8
1-26		Sims Copy #3327	Asks relative to prep compasses to be shipped W.
260755	11/17	To S&A	Reqt shipt of radio compasses from Phila to
			Gibraltar. W
262228	11/6	Sims	Radio compass lists vessels on which first
To (T) 1/29			six are to be installed and list showing
			order in which additional equipment are
			required. W
1-26		Sims. Copy #3319	Requests status of shipment of small
			radio compass.
✓ 262625	11/23	To Phila	Directs furnish Nat'l Elec Sig Co with drawings
			of coils, etc., for radio compasses. W RB 1-30
			To Wash—Directs furnish company with
			certain drawings. 11/23
			To Nat'l Elec Sig Co—Directs proceed with
			manuf of radio compasses. 11/23
✓ 263704	11-26	Natl Elec Signalling Co	14 radio compasses; asks where should be
			delivered. W
			To—Directs fwd without inspection. 11/30
✓ 263528	11/27	To Phila	Assembly and point of delivery of radio compass
			material. Phila will be such a point. W

DIRECTION FINDERS. 919

Number.	Date.	From or To—	Subject.
✓ 264959	11-30	Phila	Radio compass; ~~for~~ recommends installation of at each yard for instruction of Naval personnel. W
✓ 265188	11/26	Phila	Fwd report on radio compass report E.D. Forbes on trip to the PENNSYLVANIA in connection with test of radio apparatus. W
264954	12/5	To Phila	Radio compass. Instrns of navy personnel in use of. Will assign to yards as soon as available. W
✓ 265948	12-6	Phila	Radio compass; reports on development of new type. W
✓ 268051	12/17	International Sig Co	States will furnish best grade of oil yellow pine in place of yellow pine specified in connection with radio compass house. W To—Comments on 12/21
✓ 268098	12-14	Dist Com Jupt Best	Portable direction finder; reports data for manufacturing. W
To Best	Quoted suggestion made by		
Phila. 1/21			
✓ 268619	12-17	Arlington	To Phila—Ask if any standard finders available. 12/27
Phila	Prepares complete plan		Request direction finder be installed in SWEN building. W
To Phila	In re above 10-14		Reqd Nav Com—12/26 PB 12-29
269133	12-23	Sims copy	To Phila—Said that even cuts. be corrected n. on 6/12 Request radio compass for Madrid be made to receive continuous wave up to 4,000 meters. W Sims (copy) corrected 12-23

CARD 16

DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.
✓ 255814	10/20	Sims — copy	Unidirectional radio compass: request plans be expedited. W To — Fwds prints. 10/23 Sims - Copy - No 3620 - drawings not yet recd - 2/4 - W To Sims — Fwds prints as listed with comments. 3/20
256364	10/21	4th Nav Dist	Radio direction finder: reports on test of. W To Phila — Reqt comment and rec. 10/25 PHILA 1-10
✓ 256283	10/23	To Atl Flt To Phila — (T) States how men will visit ship for test. 11/15 Phila fwds report of trip of expert radio aide 12-26	Installation of radio compass. Being shipped to PENNA for test. Radio Aid Forbes will install. W U SS Pennsylvania = (Radio) new radio set compass ready for test - W
257492	10/29	ARIZONA	Marconi direction finder: submits report on. W To NY & Marconi Co. — Directs remove from vessel has been rejected. 11/5
257370	10/2	To NY — referred to Dept 2-5 C&R — copy of instrns relative to housing 1/24 W 10/31 Phila fwd C&R 3-1 C&R	Radio compass house: fwds type plans. W Fwd C&R — 11/9 — CAPD 15 To C&R — Reqt comment with appvl of plans. 11/13
258251	10/26	Fwd C&R — Submits summary for need for changes in room size, etc., for each destroyed. 1/12 Philas European Corps — French authorities will investigate report. 2/23 Nor F — 3/19	RB — approved by Department. 12/6. Fwds form manufactured by the Lefax Co and sold to general public, relating to radio compass and radio telegraphy, certain parts of which the Bureau has directed be kept secret, especially radio compass. Fwd Nav Intell — 11/6 To Lefax Co — Directs print nothing in connection with. 11/13 Lefax Inc will eliminate all reference to radio compass 11/22

DIRECTION FINDERS. 919

Number.	Date.	From or To—	Subject.
✓ 259918	11/5	Sims cable-copy	Recommends radio compasses be installed on certain destroyers and patrol boats; also 12 complete sets shipped to Brest for spares.W
259081	11/7	Sims T	Radio compasses for destroyers-reqd 21 in addition to those previously reqd be shipped Queenstown.W
250411	11/13	To Phila	25 radio compasses now under construction. Comments on and reqts be complete as soon as possible.W Phila 11/23 Phila 11-30 To European Force--Apparatus fwded without complete antenna. 12/5
✓ 260412	11/13	To Dept	Radio compass for destroyers in European waters. Re: install of unidirectional radio compass be appvd. W --RB--12/1 To European Force--(T)Install compass appvd. 12/5
✓ 260812	11/12	Phila	Fwd's prints recommendations relative to application of the Sperry Gyre Compass and Target bearing indicator to radio compass.W To--Plan not practicable, with reasons. 11/27
260612	11/14	To Wash	Directs manuf 14 control switches for radio compasses.W
✓ 261897	11/19	Natl Elec Signalling Co	Request print showing size of radio compass house in connection with special order receivers and houses.W

1917

DIRECTION FINDERS.

Number.	Date.	From or To--	Subject.
219071		C RD 8	Wash submits report on radio compass of F.S. McCullough. Sh. To F.S. McCullough--Fwds copy of report. 8/7
✓ 243188	8/8	Phila	Radio direction finder: fwds scheme and sketch submitted by Lt Thomas Appleby, RNAS Force W To Phila--Submits letter received from Mr. Appleby. 8/14 To Lt. Appleby via Phila--8/14
✓ 243737	8/11	Phila	Marcconi radio compass, contract 26141; fwds report on acceptance test of W Fwd S&A--9/20 RB 9/27
✓ 246272	8/27	Phila	Radio compass; fwds prints. W To--Approve general design, with comments. 9/18 Phila will forward drawings by Oct 24 10/14 Phila 11-28 To Phila--Ask status of radio compass drawing. 11/27
✓ 246655	8/30	To Nav Com	British Admiralty reqt information on radio compass. Submits brief description of. W
246697	8/29	To Atl Flt	New design of radio compass. Re info reqtd in connection with by British Admiralty. W
✓ 247626	8/13	Marcconi Co London Office.	Fwds description of their latest type direction finder installations for shore station and on shipboard.

DIRECTION FINDERS. 919

Number.	Date.	From or To—	Subject.
248281	9/1	Phila	Confirms telephone call relative to radio compass work at yard.W
249798	9/18	Marconi Co	Marconi direction finders: states unable to use commercial work but if government cannot use them request be returned.W To S&A—Reqt shipt of radio compass from Phila to Marconi Co. 9/20
250103	9/18	Phila	Radio compass being manufactured for installation for experimental test on the PENNA; confirms telephone conversation.W
250156	9/20	To Phila	Directs expedite manuf of new design radio compass.W Phila 10/1
251625	9/26	Phila Nav Intel reports apparatus found at Phila Yd 10/9 Fwd S&A—10/11	Radio compass-reports on status of development of new type.W To S&A—Loss of special radio apparatus shipt from Wash to Phila. Directs endeavor to locate. 10/1 RB 10/10
251730	9/28	To Aero Sta	Development of radio compass for radio air craft. Directs take up with S&A at earliest convenience.W Pensacola--states will take 2 or 3 months to complete test. 11/8.
254609	10/11	Radio Test Shop	Confirmation of Reel telephone conversation with Western Elec Co. relative to development of amplifier for radio compass.W

DIRECTION FINDERS.

Number.	Date.	From or To—	Subject.
✓ 233827	6-14	~~Dept Commerce~~ personal	Evans letter from F.A. Kolster rel to report covering results of Board meeting to consider use of radio for navigational purposes. W
235815	6/27	De Forest Co	Reports radiophone or automatic telephone ship warning device for lighthouses completed and tested; states developed at request of Navy Department and request orders for or permission to submit bill for expense. W De Forest Co request orders for set sold to Bureau 9/5
225581	6/22	To Phila	Changes in type SE-74 Radio compass. Reqt construction of two large coil sets be expedited. W
✓ 236620	7-2	F. H. Kroger	Encloses copy of abstract of his work in connection with radio compass. W
✓ 238002	7/9	Nav Intel	To Sims—(T)Compass on board HENDERSON. 1/19 Quotes letter of Naval Attache, Madrid, requesting that a direction finder be forwarded in connection with locating suspected enemy radio stations in Spain. W To 7/15
	12/15	Nav Intel	Nav Intel quotes from Sims, requesting information as to status 10/13
	12/21	Nav Intel	Nav Intel will possibly ship middle of November 10/19
	12/21	Nav Intel	Nav Intel fwd's copy of cable from Sims requesting shipment to Paris 11/9
	12/21	Nav Intel	To Nav Intell 11/12
	12/21	Nav Intel	To Phila 1-20 - W

Number.	Date.	From or To—	Subject.
✓ 238455	7/12	Geo. H. Clark	Radio compass; suggested improvements using multiple turning receiving coil. W To Phila. Fwds copy of above. 8/17 Phila 8/17 Phila 9/12 Phila 10/19
✓ 238722	7/12	Atl Flt Fwd Dept—8/30 RB 9/18 Fwd Dept—9/19	Fwds copy of letter from British Naval Officers Commander, requesting radio officer be given information concerning radio compass and short range sets. W Orig via Dept 7/18 To—8/15 To NY—A assigns radio set at NY to VIKEN. 8/15 To S&A—Reqst shipt of radio compass from Phila to NY. 7/17 Wash request modification of Bureau's letter of July 17th 8/8 Report on study of radiation and oscillating receivers and recommends further experiments in connection with using for direction finding stations and locating by direction finder 898
231977	SEE CARD 9 To Wash—8/14 To S&A—Reqst shipt reqt of 7/17 be cancelled. 11/8	NY	
240160	7-23		
240561	7/23	Atl Flt	Fwds report from COLUMBIA and CHESTER on dependability of radio compass. W To C. and S. via Atl Flt—8/4 CHESTER 8/26

Number.	Date.	From or To—	Subj. act.
✓ 222781	4/14	To Warde Ships	Instructions to ship's radio room in Type 37 74 LYNNING radio compass is fitted with permanent direct drive 4/17
✓ 223111	4-13	Phila	Radio compass; type plans; Avda. W
✓ 225533	4/28	Atl. Destroyer Force To S&A—Reqt shipt of radio compass from S&A 7/17 to Wash for dispo. 5/16	Requests authority to turn in Bellini-Tosi direction finder W To S&A—Reqt shipt of radio compass from BIRMINGHAM to Wash for disposition. 5/3 BIRMINGHAM states Bellini Tosi radio compass removed with flag 5/26 Reqt description of radio direction finder, British Naval Vessels. W Nav Intel fwsd copy of report from Naval Attache, London 6/27
✓ 225578	4/30	To Nav Intell	
✓ 226461	5/4	NY	Fwsd print showing distance and direction of US Radio Stations from New York yard W
193559	SEE CARD 2		Fwd S&A--5/7
✓ 228427	5/15	To Atl Flt To Phila--(T) Reqt Kroger be ordered Coast via Sussex 6/11 Co Coast--(T) Reqt Kroger arrives Sussex morning. 3/10	Reqt recommendations as to ship new type of radio compass should be installed on for test purposes. W Atl Flt designates CONNECTICUT 5/17 To Phila--Reqt E.H. Kroger be ordered to conduct test. 6/5 To Coast via Atl Flt--6/8

DIRECTION FINDERS. 919

Number.	Date.	From or To--	Subject.
224017	5/17	Nav Intel	Returns papers.W
✓ 229374	5-19	Phila	Impossible to install radio direction finder instrument on SALEM; rec test to be substituted for test on SALEM.W To--Comments on.5/25
✓ 230545	5/26	Phila	Radio compass: fws prints.W
✓ 230486	5-23	Dr. L. W. Austin	Report on possibility of using Braun-Kolster direction finder so that the indicated direction shall be single value.W Fwd Phila--6/1 RB 7/14
✓ 230801	5/28	To Phila	Installation of radio compass on submarines. Comments on. W Phila recommends no further steps until radio compass for battleships, etc has been completed 6/26
✓ 231058	5/26	Phila	Fws report on conference on type of re- ceivers to be used on radio compass.W
✓ 231977	6/2	NY To Wash--Instructions re fitting long wave receiver at yard, 7/15 To--7/16	Require radio receiving set for listening in station to be established by city; fws quotation from Adams Morgan Co.W Fwd Nav Com--6/7 RB 7-10 To Nav Com--next reply. 6/5 CARD 10
✓ 231636	6/2	To Sperry Co	Aeroplane compass repeater. Have referred to Navn. with reqt be made standard. W To Navn--6/4 Navn 7/2

DIRECTION INDEX:

Number.	Date.	From or To—	Subject.
216962	3-6	Phila	Radio compass; development and manufacture of; submits recommendations relative to developing for airplanes at station, etc. Full report will be submitted Apr 1. W
217914	3-3	Atl Flt	Radio compass; copy of instructions relative to calibrating.
✓ 218071	To Wash—7/21 3-13 3-14	Ph McCullough CALD 11 Director	Apparatus for receiving and sending radio messages in one direction To—Sent details of. 3/17 McCullough fwds sketch 3/21
	To—Reqs demonstrate apparatus McCullough will demonstrate 14th 7/3		To—Comments re test of at Wash. 2/26 McCullough submits further data; asks if could use on submarine chasers 3/19
✓ 218257	3-6 7/18	Phila Atl Flt	Radio compass; submits recommendations for improvements in W To Phila—Lists rec as above, and reqts comment. 3/19
✓ 218394	3/13	J. A. Kolster	Reports on experience with fleet; states troubles due to poor mechanical construction W
✓ 219653	3-14	WYOMING	Radio compass: reports on experience with; believes will always be accurate within one degree; reports on calibration of. To via Atl Flt—Acknowledges. 4/2
✓ 219654	3-13	UTAH	Reports damage done to radio compass at Jay individual practice; recommends roof of compass be made stronger, and coils be lowered on W Wd CAR—4/2 RB 4-6

DIRECTION FINDER: 919

Number.	Date.	From or To—	Subject.
220265	3-24	Telephone Phila	Construction 50 additional radio direction finders
221102	4-3	Phila Personal	Confirm order received thru Mr Forbes for manuf 24 radio compasses.
221519	4-4 4-5	Kolster, FA 3 A	Request additional payment \$ 5,000.K PA Dept 4/10
221466	4/7	To C&R—New type	New type of radio compass will need less space. New type plan of radio compass C&R copy of instructions to Phila 4/13
221705	2-27 4-5	At Flt Dept	Submit report on radio direction finder work enroute to Cuba.
phone	4/4	Phila	Phil directed proceed manuf 25 radio compass sets.
222380	4/14	To Phila	Phil directed proceed manuf 25 radio compass sets. Phila report on progress of work on radio compass Phila as to whether 25 or 30 sets to be manuf 5/16 To—25 sets to be manuf. 5/22

DIRECTION FINDERS.

Number.	To	From	Subject.
212904	1-16 1-23	ARLONA NY	Faults in proposed plan. 7 Fwd NY via C&R--For report and rec of changes to be made. 2/1 RB 2-24 To NY--Action withheld. 2/23 Fwd C&R--2/27 RB 4-2 Can 4-1-20. Satis 2/19
212976	1-30	Phila Guantanamo. --4/3 RB 5-8 Fwd S&A--6/10	Radio compass; manufacturers name plate; fwrds plan. 11 Fwd S&A--4/8 RB 4-19 S&A fwrds Corres; original corres not ret'd 3-30
211301	1/15	Ports	Boston reports disposition of Kolster meters at yard 138-6
213477	1-27	CONNECTICUT	Kolster meter; reports on apparatus under test for year; recommends changes in to lighten coil construction; make detector more sensitive. W
209327	12-21	To Dept vi Nav Com	Reqt authorization of fitting light houses with radio warning signals to be used in case of heavy fogs when lights cannot be seen. 678
213313	2/2	NY	States have received report that code signals of varying intensity have been observed and that their use nullifies present direction finders; suggests apparatus be developed for changing amplitude of antenna current 9 05
214107	2-5 2-9	Moilloux, CO Navgn	Calls attention to a Bellini type electrostatic Radio Goniometer (Direction Finder) is not same instrument being marketed by Marconi Co. " No--not complete set of drawings and plans. 2/12 Moilloux suggests cable to Naval Attache, Paris, for additional information 2/13 To Nav Intell--Paris agrees and reqt complete info be furnished. 2/20 Nav Intell have received no reply from Nav Attache, Paris 3-12

DIRECTIONS FIVE. 919

Number.	Date.	From or To-	Subject.
✓ 214531	2/14	To Aero Sta	Mr. E. A. Kolster to visit Pensla in connection with Radio Compass. Direct to Pensla via Cndt. To New York via Cndt. Direct to be in Pensla at time of Mr. Kolster's visit. 2/14 To At. Flt. Direct to make arrangements for Mr. Kolster on board ship. 2/14 To Dept. Request transportation be arranged. 2/15 To E.A. Kolster--Fwd's letter of identification. 2/17
✓ 215460	2-21	TO Sub Force To Dept. Ask departments wishes in connection with 3/16 to 3-21 Fwd C&R--3/23 RB 3-28	Radio compass installations for subs; request comment on installing W all sub Flt recom. is against installation on account of limited space, recommends that bearing be transmitted to submarines from tenders and submarine bases in lieu of 2, 28
✓ 215967	2-9	Guantanamo	Kolster meter; reports receipt of apparatus consisting of 2 coils only. W
215080	1/27	To Yards & Stations	Installation of radio compasses at Radio Station. The work be completed as soon as possible. W Best submit estimate for Cape Cod 3/3 Guantanamo (R) request allotment to cover for Guantanamo Station 3/7 NY 3/6 Guantanamo--(T) all radio work To Yards & Stations all at Cape Cod station. 3/4 RB Ports 3-12 Fwd Ports--3/13 RB 3-17 Guantanamo reports status 3/5 Fwd Phila--3/19 RB 3-28

[illegible]

DIVISION FINDERS

19.2

Number.	Date.	From or To—	Subject.
✓ 648508	10/28	Pacific Fleet Circular	Gives limiting sections of calibrated and radio compasses in 11 and 12 Distr. cts. W
✓ 648569	10/16	Pacific Fleet Circular	Use of shore radio compass station. instruction covering W
✓ 649848	11/16	Y&D	Copy letter M&D requesting suggestions rel to changing standard design for Radio compass stations to include modifications necessary W M.I. 12/12 Submits recommendations covering alterations W Y&D 12/22 Submits recommendations from Yard. W Y&D 12/23 Submits 1/5/23 to us & Docks - Gives action taken 4/7/23
✓ 649886	11/17	Norfolk 2	Calibration of compass station - 5 Dist. satisfactorily completed W

DIRECTION FINDERS

1922

Number.	Date.	From or To--	Subject.
✓ 653115	12/11	Dept	Copy of letter to CO HANNIBAL stating vessel will be used calibration compass stations at Atlantic Coast W
✓ 653119	12/6	12th District	Fwds radio compass report for Nov. W
✓ 653214	12/12	Dept	Fwds table of calibration sectors as to present and as suggested W
✓ 653571	12/13	Phila	Fwds calibration curves and report on calibration of compass stations in 4th District W

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
646425	10/19	NY	Radio compass stations on Atl Coast directs destroyers detailed in certain ports for Navy day be used to calibrate compass stations W
646901	10/26	Boston T	W Boston 10/26 Copy W To 2 Dist (T) Expedite calibration radio compass stations 10/25 (T) To 3 Dist- expedite calibration 10/25 (T) To 4th Dist expedite calibration 10/25 (T) To 1st Dist Expedite calibration 10/25 To Norf (T) Expedite calibration 10/25 New York 10/27 Childs can be used for calibration W To G-I-C Atl. Fleet- Gives Action taken 10/28 To S-I-C Atl. Fleet (T) Compass calibration satisfy 10/26 To 1st Dist (T) appvd 10/27 Fwds O. erns 11/2 To 1st. Dist.- appvd 10/27
647367	10/27	Y&D	Returns saying allotment covering improvements for Radio Compass Station W
647417	10/27	Dept.	Copy T to Atl Fleet stating 1st District will not require calibration duties W

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DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
647601	10/26	CCS	Submits information rel to limiting sectors to calibrate areas at 11th and 12th Dist. "W."
645060	11/2	To rug Snd	13 Dist.— comments on calibration— W PS 11/16 Arrangement of 31 ht Cape Hinchinbrock and Soap 3000 ft Stations. Fwis prints W
646173	11/3	3d Dist. Copy	Calibration of Mannaguch and Sandy Hook completed— Fire Island delayed. "W."
646344	10/27	Mare Isl.	Copy of letter to Pacif. Destry giving instructions concerning calibration of compass stations in 11th and 12th Dists. "W."

DIRECTION FINDERS

1922

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Number.	Date.	From or To—	Subject.
644538	10/6	Hydrographic Office	Copy of letter to Communications requesting advance information rel to prospective changes in radio compass stations. W.
645125	10/11	Y&D	Copy of letter to 15th dist. giving prints rel to Atlantic and Pacific entrance to Canal Zone. W.
645114	10/7	POCS	Gives calibrated areas of radio compass stations in 13th dist. W.
645196	10/11	Hydrographic Office	Reliability of radio compass stations limited by calibrated arc - gives list of stations. W.

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
644697	10/12	To Chr Nav Opern	Quarterly calibration of Radio Compass Stations, Atlantic Coast. W
645930	10/17	N.Y.	Payment to N.Y. Telephone Co. for telephone service, for compass stations at Sandy Hook, Mantoloking and Amagansett. W. To NY— ~~apvd~~ 10/30—
646505	10/21	Operns	Copy letter to Pacific Fleet re: to efficiency of Radio Compass Station W
646369	10/21	9th Dist	Calibration of compass station—wds report W

DIRECTION FINDERS

1922

Number.	Date.	From or To--	Subject.
641197	9/12	N.Y.	Recommendations rel to spare receivers for compass stations. W. to NY- rel spare receivers for 9/23
641550	9/14	Phila.	Fwds special radio reports covering operation of compass stations in 4th Dist. W.
627331	from card 85		Fwds "ds" Decks- Rel disposal of building 9/15 W

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
✓ 641585	9/11	Dept.	Copy of letter to Pacf. fleet approving recommendations concerning RC stations on Pacf. Coast. W
642622	9/19	Mare Isl.	Request a signment of suitable vessel for calibration of compass stations in 11th and 12th Dist. rel to external calibration of vessel- cc MI 10/10 Dept- Copy letter to Pacf. fleet. 10/13 W
✓ 643572	9/30	Y&D	Copy of letter to Pug 3d stating approved credit cards will be fwd covg over expenditure on work at radio compass stations in Alaska W
643951	10/3	NHrf.	Copy of letter to 5th Dist. stations rel to discrepancies of DM wire and necessary delay in correspondence. W.

DIRECTION FINDERS 1922

Number.	Date.	From or To—	Subject.
✓ 63927	8/18	Norfolk	Communication line. To "Plover" Pointers Hill showing by magnet machine
✓ 639341	8/24	3d Dist.	Comments on radio compass report on bearings recd by WYOMING. W.
✓ 640294	8/29	CO BROOKS	Fwds reports on radio compass bearings obtained for shore stations. W.
✓ 640338	9/5	Norfolk (T) n	Virginia Beach, Poyners Hill, Capeatteras Cape Lookout, land lines out, due to electric storms. W.

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.	
640333	9/1	CO SWALLOW Copy	Completed calibration Hintchbrook Comp station. W. CO SWALLOW Copy- arrives at Sitka. 9/3	W
640559	8/30	CO SHAWMUTT	Radio compass test- fws hydrographic office chart showing track and fixes Cape Cod to Newport. W. fws Dir Commas 9/21 RB 9/26 W.	
640636	9/7	Hydrographic Off. <i>Commendation</i>	fws commendatory letter from CO SALANO rel to bearings obtained from compass stations at Cape Elizabeth and Bar Harbor. W.	
640665	9/7	3d Dist.	fws radio compass report for month of August. W.	

Number.	Date.	From or To—	Subject.
634077	7/21	Dept	Copy of letter to Chief of Fleet directing detail destroyer for use in calibration of compass stations in 13th Dist. W.
634309	7/17	Pug.Sd.	Request action be taken rel to placing Ft/ Stevens and Ocean Mark compass station on permanent bases to function as individual units. W.
635280	7/28	Dept	Authorizes work in conn with erection of 2 radio compass stations in Panama Canal Zone. W. To 15 Dist via As & Decks- gives action taken 10/10 To S&A Request shipment of equipment from Was n to SO Balboa 2221 2/20/23 RB 7/27 W To S&A Request shipment of Coil from Phila to Balboa 2225 2/20/23 RB 5/8 W
635336	7/27	Dept	Copy of telephone conversation with Hon. Briggs rel to status of construction of radio compass station at Galveston. W. with Hon. Briggs. 7/27 W

FWD TO CARD 93

1922

Number.	Date.	From or To—	Subject.	
636011	7/31	New Orln .	Request travel orders be issued to Gurner J.M. Kirkpatrick for purpose of making quarterly inspection report of radio Fwd Stations s/o 8th Dist. PW.	
636207	8/9	To Western Elec Co	Ask what Company would consider undertaking the development of system for distant control of radio compass stations. Western Elec. Co. Will cooperate with Bureau 8/25 W to Western Elec Co- Submits details re equipment 9/23	
637625	8/10	Battleship Force-	Subm reports on bearings obtained by shore radio compass station. W.	
637724	8/10	Fug Snd	Fwds photographic prints of Alaska radio and compass stations. W	845

DIRECTOR FINDERS

1932

Number.	Date.	From or To--	Subject.
630173	6/27	Y&D	Copy of instructions to Norf. rel to award of contract for development on compass stations in 11th dist. Engineering is allowed 1577. W.
630294	6/27	Communications	Ocean Mark Com. Sta. opened - other stations delayed on account of lack of personnel. W.
630369	6/28	Y&D	Copy of telegram to N.Y. directing contracts be awarded for storm cash and storm entrance omitting heating system. W.
630434	7/3	To Dir Nav Communications	Calibration of Radio Compass Stations, 11 and 12 dists. W To Pac Coast Com Supt- 7/3 W RB 7/12. W RB 7/26 W To Pac Fleet- FW's special report 7/3 W PCCS 7/20 Rvds corres rel to unsatisfactory condition of compass stations W Pacf. ltr comments on. 7/24 W To MI- Request estimates 8/4 Fwds Navign via Dir Comms 8/10 RB 8/16/22.W

DIRECTION FINDERS

1922

Number.	Date.	From or To-	Subject.
631056	5/30	3d Dist.	Fwds copy of address by Lt. Cmdr. ... C. atterson on radio compass stations.
632403	7/12	N.Y.	Fwds copy of letter from E. Levick requesting auth to take photos of Sandy Hook compass station for publication. W. Was NY 7/17
632700	7/13	8th Dist. Copy	Request auth to use BRION to calibrate PORT EDES station. W.
633779	7/19	Y&D	copy of letter to N.Y. in conn with work being done under allotment 2601-34 compass stations in 3d Dist. W.
633855	8/17 7/19	Asst. Fleet Communications	BU stations for Asst. Coast- recommendations concerning W. Fwds Navign 8/4 cc Dir comm BR 8/15/22. W Fwds Nav Opera 9/5 W To Navign corras not in bu 11/9

DIRECTION FINDERS

1922

Number	Date.	From or To—	Subject.
627331	5/23 6/6	13th Dist. Communications	Juan de Fuca RC group - Subm recommenda- tions and comments rel to improving efficiency. 6/22 W RB 6/28 W to Comd Seattle to close and abandon Radio Comms Station at Fog Island as recomd your letter 22 May Submit records for disposition of buildings. W R. S. Nav Co Communications 7/1 W To the Sound. R'sts matl be removed from station: 7/1 W Rug. Sd. Recommendations cov disposition of buildings 7/5 W Rug. Sd. (1) Request decision regarding disposi- tion of buildings. 7/26 W To Rug Sd via Y&D Disposal of 8/15 W RB 9/1/22 W Copy of endorsement to SdA requesting Rug Sd be authorized to make award cov purchase of matl for Alaska Radio & compass stations W
628357	6/15	Y&D	
628614	6/13	Pac Fleet	Copy of endorsement to Des Sqn directing snip not keep head & plot compass bearings when given to but one vessel W
629127	6/21	Y&D	request recommendations cov awards on improve matl at compass stations Fog Island, Cape Batteras, Cape Lookout & Pointers Hill W

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Number.	Date.	From or To-	Subject.
✓ 629352	6/22	Y&D	Ask if Bureau will auth additional allotment ovg improvement s to compass stations in 13th Dist W
✓ 629756	6/24	9th Dist.	Compass stations, White Fish point and Detour point, Grand Marais, will be placed in commission 7/3 W.
✓ 629591	6/21	Charleston	Reports on recalibration & checking of radio compass sta in 6th av Dist W To Comdt, Charleston-Comments on cali- bration 10/14 W
✓ 629127	6/24	To Yds & Docks	Radio compass Stations- authd improvements at- W K
✓ 629924	6/26	Y&D	Tory of allotment to Aug'd for radio compass work W.

Number.	Date.	From or To--	Subject.
623237	5/1	Y&D	Copy of letter to Norf. stating approved allotment card will be fwded copy improvements to compass stations in 5th Dist. W.
622058	5/12	To Hon Clay Stone Briggs, establishment of a Radio compass Station at (Asst Sec Sig) — Galveston inform rel W	
622823	5/17	To CO MARYLAND	Report of Bearings Radio Compass Stations - cc Phila Norf - Gives Action taken cc Dir Comms W N.Y. Only one set of bearings obtained by MARYLAND. 5/22 W.
623040	5/17	To MI- Union	Radio compass- Unsatisfactory condition of stations in the 11 and 12 naval districts cc dir comms To MI Comd Supt- Dir Comd 8/3 cc Pac Fleet- pac Coast More Isl- report on test of compass beacon installed on Frisco light vessel. 8/30 W To MI- Regate Inform 10/4 M.I. 10/17 Gives comments on test of beacons W

DIRECTION FINDERS

1922

Number.	Date.	From or To--	Subject.
625828	5/22	MI	Calibration of compass stations in 11th and 12th Dist. W.
625445	5/24	Great Lakes	Copy of letter to Communications re 854 installation of Model T-D radio telephone transmitter for calibration of radio compass stations W
626511	6/3	Y&D	Copy of letter to Norf. stating approved credit card will be fwded cov savings under allotment, cov improvements to compass stations in 5th Dist. W.
626765	6/2	New Orleans	Inspection of work at Compass stations at mouth of Mississippi. W.

DIRECTION FINDERS

(dup for last card)

Number.	Date.	From or To	Subject.
618747	4/15	Y&D	Copy of letter to Norf. stating instln of rustler hose indicating mains at compass stations will be eliminated. W.
615017	FROM CARD	SI	Aug. 3d. - Fwds vandykes. 4/11 W. To Hon Sec of Treas. (Act Sec Sig)- Fwds print 5/15
619385	4/19	Y&D	Copy of endorsement to Y&A requesting Norf requisition 33 covering tanks and pumps for compass stations be cancelled. W.

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
62 976	4/27	N.Y.	Location of compass station at Mausquan, N.J. re: to interference by beacons under Dept of Commerce. W
621699	5/3	9th Dist. Copy	Chaser 419- left Waukegan for calibration duty. W.
621927	5/5	Norrf. (T)	Calibration of check cruise of all compass stations 5th Dist completed. W.
622823	5/9	GO MARYLAND	Subm report on compass bearings obtained. W.
623133	5/12	Norrf.	Subm list of additional work at compass stations in 5th Dist with estimates. W. To Norrf- authd cc lds & looks 5/20 YED- Copy action to Norrf. 6/1 W.

DIRECTION FINDING STATIONS

1922

Number.	Date.	From or To--	Subject.
615828	3/28	Dept	Sends copy of letter to Hon. F. D. Scott rel to commissioning of White Fish Point, Detour Point and Grand Rapids compass stations. 7-9th Dist- (2) Gives date compass stations listed will be ready for calibration. 3/31 W To 9 Dist (T) Request estimate 3/30 To Great Lakes- Asks if any suitable vessel for this duty 4/4 W
616611	3/29	Y&D	Copy of telegram to R. D. giving instrns rel to install of heater system in compass house of some Alaskan radio compass station. 7-
616461	3/1 3/24	Pug. 3d. Y&D	Alaskan radio compass station- adjustment of Pwds SAA via C&R 4/6 RE 6/6 W Pwds for SAA via Ordn Nav on 6/22 Pug. 3d - Request allotment to make adjustment of appropriation. 7/11 W Dept 7/11- K Sends 2/17/21
616562	3/25	Aviation	Sends copy of direction for recording and reporting weather and statistic observations at air bases. Pwds Nav Communications 4/15 W
614841	4/1	To Comit Pug 3d via Y&D	Radio Compass Station Projects in 13th Naval Dist Chargeable "1st 1922". W Y&D- copy section to R. D. 4/5 W Y&D- copy section to Pug. 3d. 4/5 W Y&D- request requisition for 2 be acc. 115d 7/17 Pwds SAA 5/10

DIRECTION FINDERS STATIONS

1922

Number.	Date.	From or To--	Subject.
614843	4/5	To MI via Yds- & Dock	Radio Compass Station Projects in the 11th and 12th districts, chargeable "Engineering 1922" Allotment authd W MI- Fwds prints showing Arcola type of heating system. 4/25 W. Fwds Yds & Dock 5/13 Y&D- Copy action to MI 5/16 W
616690	4/5	To Washington	Radio Compass Stations-Location of Buildings on Coast Guard Reservations- Fwds prints W
929 613828	THRU JULY		9th Dist- Request expedite shipment of material to Grand Lakes 4/7 9th Dist- Experiments are being conducted. 4/10 W to 9 Dist- Gives inform 4/12 9th Dist- 4/18 Material can be purchased locally. 4/18 To S&A Regt shipment of Tubes from Washn. to 30 Great Lakes 4/26 RB 6/5/22 W. 9th Dist- Fwds monthly radio report. 5/1 W

DIRECTION MATTERS STATION

1922

Number.	Date.	From or To--	Subject.
614338	3/6 3/13	fwdd. R-33	Effect on bearings, radio compass stations by using cutting, shielding screen - To 8 Dist. Comms 4/14 To Eng Snd- Effect on bearings of cutting shielding screen 4/17
614389	3/23	To Comdt's Boston	Fwds vandyke- radio compass house W
604894	fwdded from card 78		✓ To Comdt's Co's listed- Quarterly calibration and check of stations on Atlantic Coast- Detail of destroyers for duty W 3/23 To 8 Dist- Gives Action taken in conn with Quarterly Calibration 3/26 Eng Snd- Will proceed to 5th Dist upon completion of calibration. 4/11 Phila- Fwds deviation of composition curves for compass stations in Phila. Dist. 5/22 Pensacola- Fwds radio compass calibration curves, 6/1 W.

Number.	Date.	From or To—	Subject.
614583	3/25	To Chasn via Yds & Docks	desires listed projects be undertaken and completed during present fiscal year to place radio compass stations w ED- Yds request of this for allotment for improvements at AI and distant control station. 4/17 Fwd- Copy action to Chasn. 4/17 7. Fwd- Yds & Docks 5/2
615017	3/25	To Comdts yards Hist. d	Radio Compass Stations located on Coast Guard Property w 704 this- Plans showing radio and compass stations at Cape May Bethany Beach & Montaloking - Yds. 4/7 w- Yds sent to Yds & Docks station at To Coast Guard Fwd prints 4/13 To Yds in Coast Gd-F as 8 prints 4/15 w Pu Yds - Fwd compass report for Tatoosh station. 3/21 7.
608855	FROM CARD	77	

DIRECTIONAL RADIO STATIONS

Number.	Date.	From or To—	Subject.
611745	2/7	To Comdt NY via Yds- & Docks	Desires all radio compass stations in 3rd dist. New York, New Jersey, to be provided with Y&D- Copy action to ~~Post.~~ 3/11 W. Y&D- Copy action to ~~Post.~~ 3/11 W. Y&D- Copy action to ~~Post.~~ 3/11 W.
613116	3/10	Y&D	Copy of letter to S&A rel to charge for mast shipt to compass stations in Alaska.
539859	1-14/21	To S&A 5909	Request shipment of radio receivers from W. to Puc Snd To S&A Request shipment of Receivers from Wash. to Puc Snd 2556 3/10/22

DIRECTION FINDING STATIONS

1922

Number.	Date.	From or To--	Subject.
613038	3/11	To Norf via Yds & Docks	Radio compass Station projects in the fifth Naval Dist Chargeable to "Eng ineering, 1922". W Norf- Request motor driven plunger pump 5/25 W. To Norf- Reconn for motor driven pump at Hog Island will be considered 6/3 W
612922	3/14	To Phila via Yds & Docks	Radio compass Station projects in the Fourth Dist. Chargeable to "Engineering, 1922" Gives list of projects authd W Y&D- Copy action to Phila. 3/16 W Y&D- Copy action to Phila. 4/5 W.
612925	3/14	To Washn giv Yds & Docks RB 4/1/22 W.	Radio compass Station Anacostia- Heating System at Gives list of projects authd W Y&D- Copy action to Washington. 3/16 W Y&D- Copy action to Washn. 4/5 W Y&D- Copy action to Washington. 4/7 W.

Number.	Date.	From or To	Subject.
✓ 607108	1/30	Norfolk.	Copy- all compass control lines placed out of commission due to storm. 7.
607159	1/10	Pacif. Fleet Circ.	Use of shore radio compass station- instruments covering. 7.
✓ 607588	2/1	Norfolk. (T)	Land lines still up at compass stations listed. 7.
14568/523	1/27	Commit 15th N. Dist-Eng	Radio Compass Stations- Establishment of in outlying possessions.
✓ 609488	2/13	Norfolk. (T)	Coast guard communication lines used by compass stations due to recent storms- report on damage to various stations. 7. Norfolk- Defective anode delivered to Yard for repairs. 3/16 . 7. To Norfolk Regt plans 3/24

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
✓ 609513	1/28 2/13	Atl. Fleet Dept	Subm instrns issued rel to calibration of radio compass stations. W.
564495	FROM CARD 74		Dept of Commerce- 2/13 W Dept of Commerce- Returns prints 3/24 Capt. Orin, 4/6- apparatus removed from Grand Island & Burwood - can be used at Sabine test. To NO- Gives disposition of apparatus 4/29 To Hon Secy Commerce (actg secy sig.) Dept has decided to abandon project for present returns print W 12/7
611741	1/7	To Boston via Yds & Hooks	Desires all radio compass stations in provided list now in permanent list. de Y&B- Copy action to Boston- 1/6 W

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DIRECTION FINDERS STATIONS

1921

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Number.	Date.	From or To—	Subject.
601900	12/19 12/22	Pug 3d 13th Dist	Summ recommendations on PCCS inspection 895 of stations at Marsh Field and Tatoosh and various compass stations. W
✓ 602893	12/29	MI 1922	Cppy of letter to PCCS requesting specify trans itting and receiving circuits required for each stations to meet present requirements. W
603138	1/4	W. R. F.	Report on check cruise of radio compass stations. W.
585322	FROM CARD 74		Pu 3d. Summ data. 1/9 W To Air Comms - Hves Inform 1/ 19

DIRECTION FINDERS STATIONS

1922

Number.	Date.	From or To--	Subject.
605255	1/18	13th Dist: Copy	Smith Island and New Dunganese stations commissioned. W
604851	1/11	To C. 1.5	Radio to the station Atlantic and Self. 1/11/22. 1/11/22. 1/11/22. and Dept. 2/17 W To Chf. Opera- Assignment of Two Destroy- ers. 1/23 W Dept. 3/23 W Phil. Request inform as to availability of destroyer for calibration. Ask if you can will take up construction of port radio compass station at end of present fiscal year. W May. 1/11- Request action. 2/21 W 8th Dist- Request action. 3/7 W
606363	1/19	8th Dist.	
606847	1/27	10th Dist. (T)	Power lines at Moorehead City out of commission- Coast Guard lines from Batteries to Cape lookout out of commission. W.

DIRECTION FINDING STATIONS

1921

77V

Number.	Date.	From or To--	Subject.
595036	11/13	Fug 3d.	Asks if will construct two radio compass stations in Alaska during 1922. Alaska Radio Stations. To Fug 3d- Gives inform 11/23
596432	11/9	Mare Isl.	Fwds report on radio compass coil constance. W.
597660	11/21	NI	Recalibration of compass stations in 11th and 12th Dists- fws reports. W.
599096	12/6	Norrf. (T)	Request auth to make shift of outlying radio and compass stations by commercial carriers. W. Norrf- Recommends suitable craft be assigned for transporting radio apps if commercial carriers are not to be used. 12/7 W 600- 2 Shipments / Fwd SAA to Norrf 12/16 Fwd SAA to Norrf 12/16 To SAA Norrf. Cond of each dist le auth to make shipment 12/16 SAA- Can not comply with request. 12/24 W
600569	12/15	Norrf.	Request decision as to whether expenses incurred for special delivery stamps should be borne by
VOID		VOID error	

DIRECTIONS FINDERS STATIONS

1921

Number.	Date.	From or To-	Subject.	
✓ 600568	12/7 12/15	CO GILNER Communications	Subm report on radio compass bearings	W..
✓ 601119	12/14	MI To Comdts MI 11-12 Dists- Gives Action 1-10/22 cc Opers- Director comms 1/10/22	Request assignment of suitable vessel for calibration of compass stations in 11th and 12th Dists. 1/1/22 To Oregans- Gives action 1/1/22 Dat 17 Copy 1-10/22 t 1-10/22 approving 176 W.	
590140		~~fwdd from card 11-1~~ # 75	Fwd Dir of communications 12/22 W RB 2/8 with To Sec Commerce (Asst Sec Sig) Give rel removal of Radio Compass Station at Pass-A-Loutre La to Port Edes South Pass 1/10/22	W..
TO CARD	77- A		Dept of Commerce- rel to removal of compass station at Pass-A-Loutre to Port Edes. 1/16 W. To Sec (Asst Sec Sig) Request authy to permit Dept use land listed 1/15 Dept- Commerce- 2/9 W. To NO- Allotment authy. 3/9 cc dir com 6th Dist- (M) Recommends do not calibrate Pass-A-Loutre Grand Isle and Burwood sta. 3/15 W For Port- Edes location sketch 1-10/22 structures at Port Edes. 3/9 W. To NO (M) Hold project in to-yance for for further instrs 6/20 W Y&D- Copy action to New Orleans 3/22 To Sec of War (Sec Sig) Authority to Use and Occupy Portion of Army Reservation on East Bank of South Pass cc 4 Dist- 3/27 Key Delin- Copy- Request auth to place compass stations listed list of commission. 3/30 W	
✓ 601855	12/14 12/23	Fug. 3d. Communications	Monthly report of activities for October rel to radio compass. W. Fwd Director of Communications 1/4/22 To Sec- Gives action 1/6/22 Fug 3d- Fwd	

Number.	Date.	From or To—	Subject.
590140	FROM CARD 77		Var Dept- Grants license - fws prints. 5/1 W To NO fws cc letter from War Dept to Navy 5/5 5/18 Fws Lir Commns 5/19 RB 5/26 W. To NO-- Gives Instrns cc Lir Commns 6/5 To Sec of War (Asst Sec sig) - radio compass Station Port Lads acceptable 6/17

DIRECTION FINDERS STATIONS

1921

Number.	Date.	From or To—	Subject.
592397	10/20	Ing. - d p	Fwds radio compass data. W.
592965	10/27	Norf.	Calls attn to excellent performance of SHARKEY in conn with calibration of compass stations in 5th Dist. Atlantic 11/3
593600	10/31	Phila	Fwds special report on calibration of com- pass stations in 4th Dis. W
593785	12/1	Y&D	Copy of letter to Norf. outlining work for radio compass station in 5th Dist. fiscal year 1922. W
59417	11/3	To Dir Comm	Test of shore Radio compass Fwds report of W
592990	11/3	To Dir Comm	Location of position of radio compass Stations-W
592993	11/3	To Dir Comm	Errors in bearings furnished U S S OHIO- Gives instances W Communications- 11/29 W.

DIRECTION FINDERS STATIONS

1921

Number.	Date.	From or To--	Subject.
594371	11/4	Dept	Copy of telegram to Pacf. Destroy and Eng/Sd. authorizing defer calibration of radio compass station until completion of work on WICKES. W.
595169	11/9	Phila.	Was special report on quarterly calibration of compass stations, in 4th Dist. W.
595168	11/9	Phila.	Special report on quarterly calibration of compass stations in 4th Dist. W.
583601	FROM CARD W4		N.Y. - Was deviation curves and reports. New York City on 11/10 W 8th Dis-report on calibration-12+5-W Chas-report on calibration of Polley and North Isl. 12/27 W CLEMONS as. 1/11 W N.Y. - Aka when destroyers will be available. 1/9 W To NY-2:24-W To NY-reqt info re peer results-no objection to calibration by vessel available in district-3:2W N.Y. - Will submit report on erratic performance 5/30/22 W

DIRECTION FINDERS STATIONS 1921

Number.	Date.	From or To—	Subject.	
587304	9/26	Communications	Request care takers be provided at stations listed in order to make services of Nav radio personnel available. W.	
587621	9/27	Pug. Sd. (T)	Ask when vessel will be available to calibrate Alaska radio compass station. W. To— (T) Will advise later 9/28 Dept. Copy of telegram to 13th Dist authorizing use SATURN for calibration 9/30 W. To Pug Sd (T) Gives inform 10/1 Pug. d. Copy- SATURN not suitable for work. 9/30W	
587224	9/29	To Navign	Quotes inform regarding British Stations W	
588386	10/3	Communications	Report on decisions reached at conference between communications and engineering representatives in conn with various radio compass stations built, building and proposed. W.	
588352	10/3	Dept	Copy of telegram to 13th Dist assigning vessels to calibrate Alaskan compass stations. W	4-2-3
588566	8/17 10/3	5th Dist Communications	Fwds table of comparisons, radio directions, 919 with true directions. W	

Number.	Date.	From or To—	Subject.
589288	10/4	Chasn.	Subm special radio report on electrical constants of radio compass instns in 6th Dist.
589488	10/8	Dept	Copy of telegram to Pacf. Destroy and 13th Dist approving detailing destroy for calibration of radio compass station in 13th Dist. W
589779	10/11	Pacf. Destroy Copy	WICKES detailed for calibration of compass stations in 13th Dist. W.
590148	10/10 10/22	Communications Dept	Radio compass station at entrance of Mississippi river -recommendations cov. W.
77- New Orln. - be issued to Lt. J. M. Kirkpatrick to Lt. R. S. select compass site. N Orleans-12:53-11	10/10 10/22	(T) Request travel orders to Lt. J. M. Kirkpatrick to Lt. R. S. select compass site.	To 8 Dist Calibration of station at panacola To NO- Penacola 10/21 To NO- Rel relocation of compass Station 10/21 stations for 8th Dist. 10/21 Report on further test of shore radio compass.
591417	10/18	CO OHIO	
591994	10/17 CANCELLED	Fed Tele. Co. - 919-1 CANCELLED	Fwds circular describing a Kolster radio compass and position finder. W.
591968	10/22 Fwd Yds &	T&D Docks 11/19	Fwds sheets cov misc data for data book public use of the Navy. Compass sta. Soapstone Point. Fwd Aug Snd 10/31 Fwd Sd. Subm misc data. 11/9 Fwd Yds & Docks 11/19

DIRECTION FINDERS STATIONS 1921

Number.	Date.	From or To—	Subject.
563763	FROM CARD 71		Great Lakes Rqst Coast guard make inspection of buildings. 8/24 W. To Great Lakes Gives inform rel care taken for lighthouse 9/1
583601	9/1	Operations	Directs Atl. Fleet to designate two destroyers to calibrate radio compass stations. W
061 Phil- Copy instrns to SHARKY 9/12			Atl. Fleet- Copy- BRECK designated for duty in 3d Dist- ISHERWOOD in 4th Dist. 9/3 W
To Comits- Stations- Gives instrns 9/12			To Opera- Communication- Washn- Anastasia- and check of stations- and comments rel future calibrations W 9/9
To Comits 11-12 Dists- 11- CO Calibration			
76 CARD vessel Gives comments 9/15			
To Comits 1-8 Dists inc rds- Stations listed			
Phil 9/23 W			
To Pac Snd LI Gives instrns 10/4			
580498	9/2	Operations	Copy letter to Atl. Flt rel to assigning destroyers to calibrating compass stations. W 919
585080	9/9	MI	Assignment of destroyers for calibration of radio compass stations- copy instrns to Pacif. Fleet. W.
584495	9/12	To Dept of Commerce	Request permission to erect radio compass house quarters and tearwalk- Pwss prints W
79 CARD Gives Detld instrns rel condition of lighthouse 11/13 W			in the vicinity of Saline Pass Texas W
To Dept of Commerce- (See 11/13)			Dept Commerce- 9/20 W.
Atre Dist 11/13			Dept Commerce- recommends be located on different Dist on 1st reservation. 11/1 W
			And 8 Dist 11/13 RB 1/23, with prints and estimate W

DIRECTION FINDERS; STATIONS 1921

Number.	Date.	From or To	Subject.
585337 m	9/13	Pacif. Fleet Copy	Schedule of calibration of radio compass stations in 11-12th Dist. W.
585322	9/8	Pug. Sd.	Alaska Station- first assignment of vessel to calibrate. W.
585322	9/16	Pug. Sd.	
585322	12/30	To Dir Comms Gives Action 12/30	To Pug Snd- Calibration of Alaska Radio compass- Stations W
585547	8/27	CO NEW MEXICO	Report of observations of shore radio compass stations. W.
585547	9/14	Communications	
586137	9/19	DNS	Gives geographical positions of radio compass stations in 12th Dist. W.
586304	9/23	To Dir communications	Cape Winchentrock and Soapstone Point, Alaska- completion of- Report ~~and~~ ready for calibration and subsequently can be placed in operation cc Pug Snd W
586304	9/24	Communications W.	To Dir Intelligence- Gives Inform 9/23
586956	9/22	CO OHIO.	Subm report on test of radio compass bearings. W
586956	9/30	Reqs Dir communications	Reqs Dir communications 9/30 RB 10/11 W.
586956	10/8	To CO- Request Inform	
586921	9/23	Norff. Copy	Request authority for over time work in cond with calibration of compass stations in 5th Dist. W.
586660	9/24	To MI	Geographic position of stations- Ewds data W

DIRECTION FINDERS STATIONS 1921

Number.	Date.	From or To—	Subject.
573084	6/28	Pug Sound	Fwd report of inspection of radio & Radio Compass Stations at points listed W
573288	7-12	To Comdt Puget Sd	Radio compass stations 13th Dist. approval of W
565801	7-16	To S&A	Reqst shipment of condensers from Washington to Key West W 7554
565802	7/167	To S&A	Reqst shipment of condensers from Wash to New Orleans W 7555
574000	7-20	Y&D	Reqst additional information re Y&D action to Pug. 31-7-20 W To Y&D 7/25 Y&D-Copy action to Pug. Sd. 7/27 W
574410	7-18	Pug Sd	Reqst additional information re Y&D action to Pug. 31-7-20 W fwd Y&D 7/28
577130	7/23	Communications	Copy of letter to 9th Dist rel to use of radio compass stations for weather and static observations. W.
578373	8/1	Y&D	Copy of enforcement to Boston authorizing items of work listed at various compass stations fiscal year 1922. W

DIRECTION FINDERS STATIONS 1921.

Number.	Date.	From or To—	Subject.
578532	7/29	Y&D	Copy of letter to Puc. Bd. stating necessary to obtain surveys of compass stations in 13th Dist. from Bureau of Light Houses and Coast Guard.
579151	8/3	N.W. Min.	Provides calibration curve for compass at Centre Burwood and Grand Isl. station.
3 554127 FROM CARD #68	7/15	Dept	Copy of letter to Pacif. Fleet directing Assignate Destroy for calibration of radio compass stations in 11th and 12th Dist. W. To Comd. U.S. 8/18 To Comd. WI 8/19
581623	8/18	CO ABBOTT	Provides chart showing calibration of compass station. W.
581897	8/18	Pug. Bd.	Alaska Subm report on testing of compass sites. W.
14197-140	7/23/21	Joint Bd W.S.Pye	Locations for radio finding stas. in the Philippines.

DIRECTION FINDERS: STATIONS

1921

Number.	Date.	From or To—	Subject.
562952	5-26	To S&A	Reqt shipt of condenser from Washington to N.Y. W 7550 RB 7/16
565981	5-27	To S&A	Reqt shipt of condensers from Washington to Mare Island W 7556
565800	5-27	To S&A	Reqt shipt of condensers from Washington to Charleston W 7553 RB 8/24
565954	5-27	To S&A	Reqt shipt of condensers from Washington to Norfolk W 7552
562953	5-27	To S&A	Reqt shipt of condensers from Washington to Phila W 7551
565983	5-7	To S&A	Reqt shipt of condensers from Wash to Great Lakes W 7547
565982	5-7	To S&A	Reqt shipt of compensating condensers from Wash to Puget Sd W 7541 RB 7/5 Aug. d. 9/21 W
569794	6/14	Norfolk	To Puget and Reqt shipt of condensers 10/4
14121-279	6/28-21	ONI Eng	Request Wickless vapor oil stoves, be furn to stations listed. W. Locations for Radio Direction Finding stations in the Philippines.

DIRECTION FINDERS STATIONS 1921

Number.	Date.	From or To—	Subject.
551443	FROM CARD 67		8th Dist Fwds map showing location of compass stations of Sabine Texas, with estimates. 6/6 W.
563763	6-21	To Naval Commun	Radio compass stations within Great Lakes Dist. Wal caretakers for - W To Great Lakes 8-16
571426	6/17	Grt Lakes	Fwds prints of radio compass station Whitefish point Detour and Thunderbay Island. To Dept Com 7/6
571260	6-24	To S&A	Regst shipment of Delco units from Norfolk to Mare Island W 7947 RB 10/26 W.
571259	6-24	To S&A	Regst shipment of Delco units from Norfolk to Puget Sound W 7948 RB 10/3 W. To Puget Sd 7/28
571852	6/25	New Orln.	Foundations for buildings for radio compass stations at Sabine Pass - calls attn to condition of sale etc W. To Comdt N.O. 7/23 9th Dist- Subm recommendations and estimate 8/29W

DIRECTION FINDERS: STATIONS:

1921

Number.	Date.	From or To—	Subject.
557889	4:27	NY	Gives geographic locations of stations. W To Commun 5-4
557892	4:25	9th Dis	W
560836	4:28	Norfolk copy	Hog Island, Virginia Beach, Cape Hatteras and Cape Lookout compass stations calibrated— Pointers Hill will be calibrated April 29. W
560751	4:21	Pug Id	Request auth to purchase furniture for Alaska radio compass station. W fwd Y&D 5-7
561358	4/29	New Orln.	Compass stations in 8th Dist. -rqst be calibrated. W. To N.Orlns 5-6
561496	5/2	Washn.	Subm comments on criticisms made by Boston Yard on performance of SE 1440 receivers at shore radio compass stations. W.
562015	5/2	Atl. Battle ship Force	Copy of letter to Dept submitting report cov practical use for shore radio compass stations. W.
562214	5/5	Dept	Copy of telegram to Pacf. Fleet directing Destry report to LI about 5/10 for calibration of compass stations in 11th and 12th Dist. W. Pacf. Fleet C py- complied with. 5/6 W

DIRECTION FINDERS STATIONS

1921

Number.	Date.	From or To—	Subject.
56260	5/7	7th Dist. Copy	Ask probable date of arrival of destroyers for calibration of compass stations. W.
562945	5/12	Chasn. (T)	To Key West 5-12 Reconstruction work, oily Isl. W. To Chasn Tel 5-11
563019	5/10	5th Dist. Copy	DALE now calibrating compass station in 5th D.st. W.
562316	5/10	Norfolk (T)	Date of completion 5/14 W.
563143	5/10	Pacr. Destroy Copy	HITCHFIELD detailed for radio compass calibration in 11 and 12th D st. W.
563456	5/9	New Orln.	Request authority to lump maintenance allotments for radio stations, radio compass stations and light vessels withing 8th Dist. W. To NO 5-16
563763	5/12	Communication	Cannot commission radio compass stations on Great Lakes except White Fish Point and Eagle Harbor. W.
CARD 74	5/12	To Coast Guard 7/19	To Comdt 9th Dist 5-16 W.
563996	5/14	Phila.	5th D.st. 5/27 W
565251	5/18	Atl. Destroy	Calls attn to utility of radio telephone at Bethany Beach for transmitting their bearings direct to Cape May. W.
			Instrns to vessels listed rel to calibration of compass stations. W.

DIRECTION FINDERS STATIONS

1921

Number.	Date.	From or To—	Subject.
586130	FROM CARD	63	N.Y. Subm corrections. 4/15 W.
558792	4/19	Norfolk (T)	Recommends Morehead tubes be furn Yard immediately. W. To IM Norfolk Gives status of shipment 4/21
559167	4/19	Grt Lakes	✓ To S&A Request shipment of tubes from Washn to Norfolk 4/21 8 compass station ready for calibration; Chaser 419 being used. W.
559227	4/20	PCCS Copy	Gives priority list of compass stations in Pacif. Division. W
559194	4/23	To S&A	Request shipment of Condensers from Washn to Boston 4/27 W AB 5/17 W.
559772	4/23	Y&D	Copy of letter to S&A requesting stoves listed to be shpt to Grt Lakes for compass stations in 9th Dist. W.

Number.	Date.	From or To—	Subject.
540515		FROM CARD 65	Key West- East Martello tower station ready for calibration 5/15. W. 4/23 N.O.- 7/5 twin report of ~~Abbot~~ work done by ABBOT on stations. W To CO ABBOT 7/25 copy Opns and AtI Flt. 8th Dist- was. chart and bearings MISSISSIPPI River to Galveston. 7/21 W 1st Dist- Copy letter to Lawrence 8/25 W
551443		SEE CARD 67	To H. H. Proposed Radio compass Sta in vicinity of Art Arthur W 4/25 n
560299	4:26	S&A	Copy of shipment order covering heating stoves from Phila to stations listed. W

Number.	Date.	From or To—	Subject.
✓ 556059	4/4	Pug. Sd.	Fwds report by Lt. Cdr. F. Luckel covering investigation for site of compass station at Nation Point, Alaska. W.
✓ 556055	4/4	Pug. Sd.	Fwds report by Lt. Cdr. F. Luckel covering investigation for site of compass station at Southern entrance of Cross Sound. W.
✓ 556060	14/4	Pug. Sd.	Fwds report by Lt. F. Luckel covering investigation for site of compass station at Loni Point. W.
✓ 556058	4/4	Pug. Sd.	Fwds report by Lt. Cdr. Luckel covering investigation for site of compass station at East Chugach Island. W.
✓ 556057	4/4	Pug. Sd.	Fwds report by Lt. Cdr. F. Luckel covering investigation for site of compass station at St. Elias. W.
539321	FROM CARD 84		N.Y. 4/8 W. To NY via S&A re Shipment of Delco units cc S&A 4/14 Pug. Sd. 4/8 W. To Puget Sd 6-3 Phila. 6/14 W. Pu. Sd. 8/4 W.

N. Eng. 1st
DIRECTION FINDERS

Number.	Date.	From or To--	Subject.
556794	4/11	Y&D	Copy of letter to Boston submitting list of stoves secured from War Dept for compass buildings in 1st Dist. W.
556796	4/11	Y&D	Copy of letter to Great Lakes submitting list of stoves secured from War Dept for compass buildings in 1st Dist. W.
556795	4/11	Y&D	Copy of letter to Charleston submitting list of stoves secured from War Dept for compass buildings in 1st Dist. W. Y&D- Copy of action to S&A- 4/21 W.
556797	4/11	Y&D	Copy of letter to Norf. compass submitting list of stoves secured from War Dept for compass stations in 5th Dist. W.
557203	4/12	Eng. Sd. Y&D	Fwds photos showing Smith Island radio Comp Station in conn with type of building and construction at stations in 13th Dist. W.
557691	4/14	Y&D	Copy of telegram to Boston in conn with keeping ranges in stock for use of compass station. W.
558026	4/9 4/15	Boston Y&D CANCELLED SEE 1032	Recommendations covering disposition of buildings at abandoned radio stations. North and South Wellfleet- fws photos. W. 4/23
Boston- fws letter from M.B. Baker rel to purchasing buildings at So. Wellfleet sta. 12/6- W. 1032- ✓			Fwd Solicitor cc Y&S & Decks Boston 4/27
557701	4/15	To S&A	Reget shipment of Testing sets from Brook to Harrington 7027 L RD 5/17 L
558021 ??	4/14	Coast Guard	W. (old number)

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
546018		SEE CARD 65	✓ To S&A Regt shipmt of com ass from Phila to Eagle harbor 5627 3/16 L 9th Dist. 3/29 LW To 9 Dist Gives inform re sh pmt of battery 4/21
553731	3/12	Nav. Attache Spain	Radio compass stations will be constructed on Coast of Spain. W.
553493	3/24	Y&D	Have made allotment to Norf covering cost 919-10 cost of installing casement window at Bog Island Cape Looklut Cape Hatteras and Pointe à la Peste
554259	3/24	Eng. Sd.	Hill Compass Station. W Meridian and geographical positions requested for certain radio compass station. W. To Eng Sd. Gives inform 4/22 Eng. Sd. 6/2 W. To Supt. U.S. Coast & Geodetic Survey. Request that Geographic position be established at Eng Sd 7/6

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
554766	3/31	Y&D	Copy of letter to Pug. Sd approving alterations in radio compass House 13th Dist. W.
554767	3/31	Y&D	Copy of letter to Phila stating two ranges will be transferred from War Dept to Phila. for use at Bathany Beach. W.
554127	4/1	To MI	Radio compass stations, calibration of W
CARD in 13th Dist. 6-24	5/26	W.	To Pug Snd Reqt one month in advance of calibration period of radio compass stations 4/1
73	8/1	W.	To Pug Snd 4/1
555016	4:1	Y&D	MI-111 Reqt action 5/1 W.
			Copy of letter to Boston in connection with transfer of two ranges from War Dept to Boston for use of compass stations. W
555144	4/2	Y&D	Copy of letter to Boston authorizing in tall casement windows in coil rooms at compass stations listed. W.
555513	4/2	Boston	Geographical positions of newly established compass station- subm. W.
555561	3/31	Y&D	Copy of letter to Pug. Sd. approving alterations to radio compass houses in 13th Dist. W.

Number.	Date.	From or To—	Subject.
549083	3/1	Y&D	Copy of letter to Pug.Sd. fwding print showing details of construction of masts for radio compass instlns in Alaska. W.
550523	3/4 3/9	1st Dist Communications CANCELLED-	Siasconsett North Truro Stations- discrepancies of Chatham, commissioning of Morse circuit G-63- extension of. W.
550937	3/5 3/11 Y&D- Copy	Pug.Sd. Y&D of Action to Pug.Sd. 3/25	Subm report covering conditions of various radio compass stations with estimates for alterations necessary. W. Fwd Yds & Docks 3/22
550936	3/4 3/11	Pug.Sd. Y&D	Ask if Bureau intends to purchase furniture from present allotments or from addtl allotments for compass in Alaska. W. Fwd Yds & Docks 3/21
551028	3/5	MI	Fwds report on recalibration of compass stations in 11th and 12th Dists. W.
551430	3/14	Y&D	Copy of letter to Key West fwding vandykes of revised drawing showing radio compass house. W
551431	3/14	Y&D	Copy of letter to Chas. n. fwding vandykes of revised drawing showing radio compass house. W
551432	3/14	Y&D	Copy of letter to Pearl Harbor fwding vandykes of revised drawing showing radio compass house. W.
551433	3/14	Y&D	Copy of letter to Pug.Sd. fwding vandykes of revised drawings showing radio compass house. W

DIRECTING FINERS STATIONS

1921

Number.	Date.	From or To—	Subject.
551434	3/14	Y&D	Copy of letter to N.Y. fwding vandykes and revised drawings showing radio compass house W
551435	3/14	Y&D	Copy of letter to Boston fwding vandykes and revised drawings showing radio compass house. W
551435	3/14	Y&D	Copy of letter to Norfolk fwding vandykes and revised drawings showing radio compass house. W.
551439	3/14	Y&D	Copy of letter to New Orln. fwding vandykes and revised drawings showing radio compass house/W
551428	3/14	Y&D	Copy of letter to 9th Dist. fwding vandykes and revised drawings showing radio compass house w.
551427	3/14	Y&D	Copy of letter to Phila fwding vandykes and revised drawings showing radio compass house. W.
551426	3/14	Y&D	Copy of letter to MI fwding vandykes and revised drawings showing radio compass house. W.
551443	3/12	Dept 572a	*authorizes establishment of radio compass station at Port Arthur, Texas. W.
TO 8th Dis-4:6-W			
CARD 8th Dist-4:6-W			
72 Location compass stations near Sabine Pass. 4/21 W			
551606	3/15	Atty. Desty Capt	Destroyers on radio compass calibration duty. 4/15 W
551611	3/14	Dept To 13 Dist via S&A. 3/3	Fwd correspondence rel to subsistence of Navy yard employees on duty in Alaska on radio compass station and relating plant work. W. Fwd 13 Dist via S&A 3/19

Number.	Date.	From or To—	Subject
13708-273	1/27/21	Eng.—Comdt. Mare Is	Radio Telegraph - U.S. Naval Radio Sta. Guam - Establishment of Distant Control & Receiving Station for at Merizo instead of at Ilgo.
543763	1/21	Pug. Sd.	Furniture and equip for wireless of electri cals in quarters at Pattle Point New Guinea and Smith Island Comp Sta. - Item list of with estimates. Rwd Y&D 2-2 XII-2.4.4 of action to Pug. Sd. 3/4
534343	FROM CARD 63		Port n-7. Rkin; sectors and aerias compass station in first list. P is 1/10 Pug. Sd. - Fwds radio compass reports. 2/16 W To Pug Snd Returns calibration curves for inform on points listed 3/10 Pug. Sd. - Fwds calibration reports. 4/11 W. Pug. Sd. - Fwds radio compass reports cov calibration of Port Stevens and Empire Sta. 4/13 W New rin. Fwds print with report. 4/16 W. NY. Fwds prints showing working sectors-4; 27-W Norri-fwds Vandyke-4; 28-W To NY 5-3 Pila. 5/3 W. To Communications 5-12
533943	1,25	Dept Agriculture	No objection to use of unaccounted for and equipment and other forest & related To Puget Sd. auth granted use land 2-3 to Dept Agriculture 2-3-21 to Dept Agriculture 2-3-21 to use stations Soapstone and Nation Points within the Tongass National Forest Alaska 2 W

89:5561-6421

DISPATCH SUMMARY

Number.	Date.	From or To—	Subject.
5-5065	2/5	Ref.	Request authority to submit requisition for furniture for 4th stations in 4th Dist. W.
45745	2/8 2/8	Eng. Sd. (T) Y&D	Estimate cov furniture. 4/4 W Y&D 2-17 Y&D 2-12-21 Request 2nd allotment covering substitution of brick for tile chimney, radio compass battery, etc. Y&D 2-12-21
545735	2/8	9th Dist.	Y&D 2-12-21
546818	2-12	To Comdt 9th Dist	Rel shipmt of radio comp appr for stations in 9th Dist. W
Charging Units Alpena 6654 3/17	2-12	from Warr to SEE CARD 68	9th Dist. Rel shipmt inform rel to ship etc batteries. 2/25 W
547335	2/18	Y&D	Copy of telegram to Eng. Sd. directing obligate as much of original allotment for present fiscal year, as possible, at stations already authorized. W.
547533	2/19	Copy	Request permission to commission Imperial Beach, Point Arguella, Point Huenequa and Point Fernan. W.
548228	2/16	MI	2 1/2 gal badger fire extinguishers are in being fwded all compass stations. W.
548252	2/24	Y&D	Copy of letter to HqsRds. asking if any engineers transits are available for assignment to Engineering for year, in conn with calibration of compass stations. W.
548692	2/25	Atl. Destry Copy	Ask if shall dispatch Cassin GORP to 1st Dist and 4th Dist for radio calibration. W.

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.	
540515	1/12	Dept	Copy of log for 121.1 feet in conn with	
50 CARD	Phila. 2/23	W.	assist in duty for calibration duty	
50	Phila 3-1-21		on 121.1 ft. dist.	
	To Key West Gives Instrns 4/16		To Comdt Corps Commn- duty in conn with 1/22	
	To Chas Equipmt not available 4/16		Phila 2-14-21	
540050	1-15	To Y & D	Allotment for Tybee Island. W K	
529859	1-14	To S&A	Request shipment of radio receivers from Wm	5909
			to Puget Sound W	
540710	1/12	9th Dist.	Request listing listed be ship to	
			Great Lakes for issue to compass stations. W	
			1wd S&A via Navv 1-19	
540386	1-18	To Comdt Boston	Recommend 11ns rel radio compass stations	
			Daniscove Island and Cross Island W	
			1wd Sec 2-2 RS 2-18 RS 2-24	
540384	1-18	To S&A via Intl and	1wd Boston 3-9	
		Naval Communications	Info rel establishment of radio compass	
			stations along the Great Lakes. W	
511021	FROM CARD 56		Large island- Copy of action to 12th Dist. 1/10 W	

DIRECTION FINDERS

Number.	Date.	From or To--	Subject.	
540391	1-19	To Coast Guard	In conn abandonment of stations Damscover and Cro's Island W	
			Y&D- Copy of endorsement to Dept. 2/14	W.
541858	1/21	Y&D	Copy of letter from N.Y. directing tests and erection of radio compass stations as soon as possible for compass station in Alaska.	
543130	1/26	N.Y.	Copy of letter to Navy Dept. directing tests and erection of radio compass stations in Alaska.	
543119	1/26	Y&D	Copy of action taken 1/26 W.	
539443	1/3	Mare Island	Copy of endorsement to Fur. Id. requesting turn immediately estimates of furniture required for radio compass stations in Alaska. W	
539443	1/3	Mare Island	Copy of letter to Pac. Fleet relating services of Destroyer for calibration of compass stations. W	919
534343	SEE CARD 63		M. Is. -- Copy of action to Coast & Geodetic Survey. 1/25 W	
13708-273	1/26/21	Eng. -- Y&D	Radio Telegraph - US Naval Radio Station Guam. Establishment of distant control and receiving station for at Marizo instead of at Higo.	
13782-196	1/25/21	Eng. -- Mare Isl	Radio Telegraph - US Naval Radio Station Guam. New installation of/	
13708-273	1/26/21	Eng. -- War Dept.	Radio Telegraph - US Naval Radio Station Guam. Establishment of remote controls and receiving station at Marizo.	

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
539488	1/8	YAD	Copy of letter to IY requesting 4 masts be built to in .Sd. for Radio compass station in Alaska W.
539482	1/8	YAD	Copy of letter to Chas. in com. with details of screening compass houses. W.
539320	1-12	To Puget Sound	Assignment of radio equipments for install at Cape Elias and Cape Hinchentbrook Alaska W
	1/12	action to Puget Sd. 1/15/21	To SAA request shipment of radio comp coil systems from MI to Puget Sd 1/12 5887 RB 2-28
539836	1/11	YAD	Copy of endorsement to Puget Sd. giving instrs rel to radio compass work at Cape St. Elias and Cape Hinchentbrook. W
539322	1-12	To SAA	Request shipment of material from Washington to Puget Sound W 5889 RB 3-15
539850	1-13	To SAA	Request shipment of radio receivers from Washn to Mare Island W 5892
539848	1-13	To SAA	Request shipment of radio receivers from Washn to Puget Sound W 5890 RB 3-3-21
540051	1/12	YAD	Copy of endorsement to IY/ station cannot accept shipment of V. rish unless samples are submitted for analysis W.
540050	1/12	YAD	Request addtl allotment be authorized covering compass house and quarters at Puget Isl. W. YAD Copy of action to Chas. 1/12/21.

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
539851	1-13	To S&A	Reqt shipment of radio receivers from Wn to to Boston W RB 2/12/21	5893
539821	1-12	To S&A	Reqt shipment of gas engine trans from Brooklyn to West Sound W	5888
TO CARD 69	1-31	Reqt shipment of engine	Pug. Sd. (T) Reqt material be shipt be express.	
539869	1-14	To S&A	Reqt shipment of radio receivers from Wn to Great Lakes Training Station W 9th Dist. 4/27 W.	5911
539856	1-14	To S&A	Reqt shipment of radio receivers from Wn to Charleston W RB 4/11 W.	5906
539857	1-14	To S&A	Reqt shipment of radio receivers from Wn to New Orleans W New Orleans 3/21 W To L. R. Givens Inform 4/8	5907
539854	1-14	To S&A	Reqt shipment of radio receivers from Wn to N.Y. W RB 3-5	5894
539855	1-14	To S&A	Reqt shipment of radio receivers from Wn to Norfolk W	5896
539858	1-14	To S&A	Reqt shipment of radio receivers from Wn to Mare Island W	5908
539859 card 80			To S&A Reqt shipment of Receivers from Washn to Phila 9/57 3/10	
539861	1-14	To S&A	Reqt shipment of radio receivers from Wn to Phila W To S&A Reqt shipment of receivers from Washn to Phila 9/57 3/10/22	5910

LAW OFFICE RECORDS

1920

Number.	Date.	From or To—	Subject.
534064	12/9	Mare Island	Awls deviation curves for compass station listed...
534243 TO SARD 7th 66 492055	12-16 Dist 1/7 Chase- AWS prints 1/8 W Chase AWS prints 1/8 W 492055 frd cord 49	To Comdts IN's W. W. W.	Radio compass working sectors and areas of re-establishment of W Phila- AWS print of working areas in 4th Dist. 1/3 W Mare Island- Submarine covering comp sta in 12th District. 12/31 W Rad Operations via Commun 12/18 12/27 W
		<u>TRANSFERRED TO CONFIDENTIAL FILES.</u>	Dept- Ask if funds available. 1/4 W via Commun- Request with file Expand 1/7 BB 1-14 Rad Secty 1-19 Communications 1/18 W Letter from Navy Aircraft Secty 1/18 placed in Confidential Files.
535435	12/17	Y&D	Two specific files for radio compass house and quarters Y&D Island. W.
534616 OVER mat rial 535723	12/20 Phila 12/29 W Shift order frw Wash to Phila condn 12/30 5715 Phila Request authority to purchase 12/29 W 1/8 CID- Who entry	To Phila T W To Phila displayed 12-24 Phila. 12/27 Progress report. 12/27 W Request disposition of requisitions listed. W	Bureau auth 2000 for radio compass equipment Phila- (2) Gives estimated cost- not recommended. 12/15 To Phila displayed 12-24 Phila. 12/27 Progress report. 12/27 W Request disposition of requisitions listed. W

DIRECTICE. FINDERS

Number.	Date.	From or To—	Subject.
536130	12/20	CO OHIO	Report cov run test of shore stations."
TO CARD 70	1/24	W.	To Ky 1/16
536916	1/24	W.	To Norf 1/10
Phila- Subm comments on test, 2/21 W			To Comm 1-11
Fwd CO OHIO 4/6		RB 5/16 W	To CO OHIO 1-13-21
9th Dist. 2/25 W			Busi. short orders to issued covering uprs
To Comdt 9th Dist. 3-9			To Co at 9th Dist. 1/2/2
9th Dist. 4/13 W			To Y&D- rel motor truck for Eagle Harbor 1/5
536977	12/22	Lure Island	cov 9th Dist
			Report on calibration and test of
			Prisco Comp stations. W.
534816	FROM OVER		Phila- Progress report. 1/3 W.
			Phila- Subm list of material. 1/17 W.
533274	1-7	Fwd Y&D	Radio compass hours- details of standard screening W
539303	1-10	To Comdts IM's	Fwds vandyke copy of drawing W
539197	1/8	Y&D	Copy of letter to Eng. Jd. requesting list of furniture required for quarters of electrician in charge at Cattle Point, Slip Point and Smith Island stations. W.

DIRECTION FINDERS

1920

Number.	Date.	From or To—	Subject.
531953	11/30	Boston Copy	Calibration of compass stations delayed due to heavy gales. W.
531994	11/30	Y&D	Request recommendations as to cancellation work at Long Island in view of fact that some other site will be selected. W. To Y&D copy of estimates 12/5 Y&D typographical error 12/9
532006	11/30	Y&D	Copy of letter to 6th Dist. authorizing construction of radio compass house and quarters at North Island and Tybee Island. W.
532207	11/29	Great Lakes	Request blank forms for inventory of compass stations be furn. W. To Comdt 9th- forms not yet ready 12/4
532240 OVER	12/1 To Phila 12/6 To Comdun 12/6 RB 1-14 To Norfolk 12/6 RB 1-14	CO OHIO	W. test data in conn with test of shore compass stations. W. To CO OHIO 12/4 RB 2-15 To Phila 12/6 Request shpmt of radio compass from Phila to Puget Sound W 5438 RB 2-23
532360	12-6	To S&A	
532362	12-6	To S&A	Request shpmt of radio receivers from Washn to Puget Sd W RB2-8 5441
532363	12-6	To S&A	Request shpmt of radio compass coils from M.I. to Puget Sound W RB 6/9 W Pug. Sd. Request authority to withdraw receiver from store. 2/10 W To Puget Sd 2-21
534381	12/11	Y&D	Copy of letter to Comd. making addtl assignments covering compass stations in 5th Dist. W.

Number.	Date.	From or To--	Subject.
534393	12/11	YAD	Avds. specifications covering 4 mm barracks and battery care in house at Cape Batteries. Also remodeling old Coast Guard building and construction of 20 x 30 house and battery charging house at Poyners' Hill Sta. W.
534600	12/14	YAD	Copy of letter to Post and McCord stating in-fm of proper screening over partition is to be included in contract for Sandy Hook and Rockaway compass buildings. W.
534794	12/14	YAD	Copy of memorandum to 9th Dist. and wiring expenditures for 20 x 30 house for towers at White Fish Point also furniture and misc expenses at other stations. W.
532240	FROM OVER		Phila. 12/4 W. Phila. Report on test 12/27 W. and CO OHIO 2-4-21 and Commun 2-24
534342	12-15	To Comdt Puget Sd	Recd status of stations W Pac. Sd. 12/3 0 - R/R 1/5 and Commun 1-7
534816	12-15	To Comdt Phila via YAD Phila. Avds. Project report on radio compass project. 1/3/21	Radio compass project C-70 SE 21 W YAD - addl allotment necessary. 12/16 W Phila. Progress report. 12/21 To Phila 1/3/21 Phila 1/11

DIRECTION FINDERS;

61

Number.	Date.	From or To—	Subject.	
525930	Mr ---	Mare Is	Copy of instructions to BRUCE rel to calibration of Frisco compass sta; W	
526256	10-28	W.G. Ellis	Report on amounts obtainable for radio material at Cape Henlopen and Cape May comp stations; W	
524865	10/16 10/22	Jacket Sound YAD	Furniture for quarters at Radio Compass Sta. in 13th Dist; request allotment to make W	617-1
525770	10/30	To Charleston T	Furnish information rel procuring land line control wires from Tybee com. sta. to Savannah radio station	
526923	10-25 10-27	Mare Is 12th Dist To MI Gives instrns 3/22/21	Submit detailed comments rel to certain features applicable to all compass stations; W To Comdt. Island 11-26 11th Dist. 3/2 W	
528759	9/28 11/10	Norfolk 5th Dist. To H. Norfolk 12-23 RB 1-13 2nd was copies of corresp. W	Request services of freight lighter and motor sailer for a new construction at compass stations. W fwd Comdt 5th Dist Norfolk 11-18 RB 12/18 W	
528799	11/11	Boston Copy	Request WASHINGTON be directed to report to Dist. Commandant for duty in conn. with calibration of compass station. W 1st n-Corr- Request WASHINGTON complete calibration 11/11 W To Boston Tel 11-18 W	

DIRECTIONAL MATTERS

Number.	Date.	From or To	Subject.
529391	11/15	Boston Copy	Request IRETON be detailed at once to calibrate radio compass in 1st Dist. 7.
529421	11/15	Communications To Puget Sd via Y&D 1-24 W. To Puget Sd 12/31 To Puget Sd via Y&D 1/6/21 To Puget Sd 1/11 - Reconnaissance repairs to SATURN be completed 1/13 To Puget Sd 1-14-21	Was reports of investigation with photos, plans, etc. of radio stations listed, in Alaska.
530183	11/18	Dept Fwd Common 6/21 RB 6/25 W	Copy of telegram to 1st Dist assigning vessel to 1st Dist. for duty in connection with calibration of compass stations.
53039	11/18	Puget Sd.	Request report listed in App. for compass stations be completed.
531055	11,23	Dept	Copy of telegram to Newport Torpedo Sta directing DEWITT report to 3rd Dis in connection with calibration of compass stations.
531081	11,18 11,19	Puget Sd 13th Dis	Ask if compass stations listed are on mailing list for monthly radio report W
531068	11,24	Comm	Progress report in connection with matl work Comm activities 5th Dis W Fwd Mon 12/1 12/11 W Fwd Y&D 12/2 RB 12/24 W

DIRECTOR FIELDERS STATIONS 1920

Number.	Date.	From or To	Subject.
521537	9/29 10/7	Lorf. Y&D	Sub list of work with estimates of various compass stations in 5th Dist. fwd Y&D 16/14
521538	10/7	Y&D	Copy of endorsement to Mare Island authorizing charges in products fiscal year of 1921, compass stations 12th Dist. W.
509530	FROM CARD 55		New C. In- Report of placing awards and contracts. 10/7 W. To No 10/14
522961	10/7	Mare Island	Copy of letter to Pacif. Fleet requesting destroyer be assigned for callinet or for radio compass stations, entrance to San Fran. W
523133	10/14	Lept	Copy of telegram to Atlantic Fleet saying that destroyer designated for callinet of radio compass stations 11/14 Atlantic Fleet, Cyp. - William W. Passer designated. 10/14 W.

DIRECTION FINDERS STATIONS 1920

Number.	Date.	From or To—	Subject.
523961	10/18	Y&B	Copy of letter to Norf. fwding specifications and tracings covering radio compass work at Various stations. W.
523995	10/18	Norf.	Recommendations covering addtl allowance for calibration of compass station. W.
		Norf. Rqst addtl allowance cov calibration of compass stations. 11/4W	Calibration of stations need without of extra funds 10/28
524696	10-22	To Hydrographic Office	Rqst copies be made of charts showing test of radio compass shore stations. M Hydrographic Office- This bill for printing charges. 11/9 Fwd S&A 11/22
524785	10-23	To Pathe News	Inform that upon application to Genl NY will receive necessary perm to take photographs of Sandy Hook etc cc NY W.
525159	10/21	Boston	Plans for North Truro compass station have not been received; have no authority to erect stations on light house reservations, Cape Elizabeth and North Truro. W. To Boston 10/30
525404	10-27	To 1st Dist via Boston.	Calibration and check of dist radio compass station. 11/16
		Boston- Report of test runs from CO GREEN. 2/18 W.	Calibration of dist radio compass station. 11/16
		For Opns 10/22	Dent- Ask if Bureau desired services of GREEN for compass work. 10/15 W.

DIRECTION FINDERS: STATIONS

Number.	Date.	From or To—	Subject.	
517497			PATAPSCO left yard to demolish;	
517609	9-15	Phila	Assignment working arcs to radio compass stations; W	
471288	9/10	NY	Wds reports on radio compass station.	376
518053	9/14	Pug.Sd.	Wds report on conditions under which Alaskan radio compass sites are being investigated.	
518342	9/16	Pug.Sd.	Maintenance of radio compass station- planting of grass on shifting sand dunes. W.	
518525	9/21	Pug.Sd. Copy	Surveyed compass sites completed; makes recommendations. W.	
518666	9/21	Y&D	Wds plans for 4 man barracks and transmitters used at four stations in 9th Dist. W.	
518150	9/18	Boston	Request 8 new coil frames of standard design be authorized for instln at radio compass stations in this Dist. W	919

DIRECTION FINDERS STATIONS

Number.	Date.	From or To—	Subject.
519031	9/21	Chasn.	Recommendations for establishment of compass station on Tylce Island. W.
		War Dept location of compass sta at Ft. Screven. 11/9 W	Communications: fnds print of radio compass station, Savannah, Ga: 9-25; W
		To Comd Chasn via YAD 12/8	To Sect War 9/30
519464	9-28	To Boston (1) FOLLOW	Bureau making arrangements for destroyer start quarterly calibration stations Oct 4th.
		Boston-Conv. repairs for calibration of compass stations completed 10/7 W.	Boston- (T) Request authority to install standard coll. frames at Bar Harbor and Surr- side 9/29 W
7278		To Boston (2) Adv date comp. of Dist. 10-15	To Bo 10-29 (T) 9/29 authority granted
510427		FROM CARD 56	Work- Subm data 8/28 W
		To H. Ports cc corr-Boston 10-4	To Tropical RI Co 10/4 regst action in re to service at Burrwood and Pass A Loutre.
		RB 11-2; W	Tropical Radio Tele. Co. report covering expenses to equip Burrwood Sta. for compass work. Adv. storage battery instln. 10/5 W.
		To Comd correct positions 2/25	Boston: 10-28; W
		RB 5/31 W.	Ports- Adv. wires from radio station to main cable. Cts. Va. have been provided. 10/9 W
			Reg. Sta. gives correct geodetic positions of stations listed. 2/16 W.
511031		from card 57	To Dept Agriculture. Dept will not locate at Narragansett Pier 9/30
519-64		3.22 ABOVE (T)	To Dist Asst. Adv. report when District calibration complete 10-15 W.

DIRECTION FINDING

STATIONS

1920

FILE No.		From or To— (Dated)	Subject.	
515046	8/31	Phila.	Ask in script order to be made for charging generators for Cape May and Egham Beach. To Phila. rel equipment. 9/7	W.
516123	9/8	Mare Island (T)	Compass stations recommended Mare Island be commissioned by 10/15. in conn with defects of Sq. San Fran. and Challos Heights, etc	W.
516127	9/4	Boston	Radio compass stations, 1st Dist- Rel to American T/T/Co. running a C-90 circuit.	W.
516185	8/23	Pug. Id.	Report of inspection of compass stations in 13th Dist. To Comm. comments and re os 9/13 Re 11/12	W
516331	9/9	Boston	Proposed station at Narragansett Pier. Y&D- Copy of action to Boston. 10/18	W.
516412	9/10	Boston Copy	PATAPSCO to dismantle radio compass station at Cross Island and Dumas Cove.	W
517162	9-10	Mare Is	Give geodetic position;	W



DIRECTION FINDERS STATIONS 1920

Number.	Date.	From or To--	Subject.
513271	8/23	Y&D	Copy of letter to Boston rel to constructing buildings at various compass stations. W.
513316	8/19 and Y&D 10/15	are island RS 10/21 W	Ask what action has been taken on contemplated work, present fiscal year. W.
505258	from 54 Aug. 3d.	to H. trans arrived cc East Boats 10/10 are island- Request approve transfer of W. 10/6	Pug. Sd. - concurs re:st despatch. recommends Pug. Sd. be instructed to arrange for E.T. Jones accompany party making survey of compass locations W. 8/24 or Cape Spencer with prints. 9/25 Pug. Sd. (T) 8/23 Pug. Sd. - Reports on investigation of Alaska compass station sites. 9/17 W Pug. Sd. - Report on investigation with chart, showing site at Muzon. 9/24 W.
513145	8-24	To N.Y.	Confirms phone conversation rel gas engine generators contract 40638 w/ Trent & Conover auth release complete shipmt. W
513162	8-26	To Comdt 9th	Auth draw from store Gr at Lakes equipment for Detour Point, and Whitefish Pt. W Coast & Geodetic Survey- 11/6 W Request assignment of property at Narragansett Pier to Dept for radio station W Dept Agriculture- Grants use for indefinite time. Cannot make permanent transfer. 8/7 W Request complete list of radio stations W. ~~XXXXXXXXXXXX~~
511031	8/17	To Dept Agriculture	
59	8/17	To Boston (T) 9/8	
513700	8/19	SAA	Report mailed 8/9
514011	8/20	Korf. Y&D	Radio compass stations in 5th districts Subm list of projects to be undertaken. W. Y&D 8/31 Y&D 9/3- Copy of action to Korf. W.

DIRECTION FINDERS STATIONS

Number.	Date.	From or To—	Subject.	
513612	8-27	<i>all 513162</i> To Coast & Geodetic Coast Geodetic Survey 8/21 will do	Lists stations ready for operation. Request establish meridian and geographical position W To Puget Sd. gives fnds letter from C&G rel positions of radio comp stations on 1st Coast 8/20/30 To Puget Sd. C&G have assigned officer 11/11 Expedite work all possible rel stations listed above.	W
513611	8-27	To Puget Sd		W
514420	8-31	To Communications	Fnds radio compass reports.	
514429	9-1	To SAA	Request shipment from Phila to Great Lakes radio compasses for station Grand Marais. 9th Dist. 10/12 W To Comdt 9th Dist 11-13	W
514659	8/25	PCOS	Fnds itinerary of radio compass surveying expedition. W.	
514745	8/28	Great Lakes	Fnds blueprints showing property required by Navy. from Light House Board at Beaut Harbor Bay, and White fish Point, for radio compass station. W.	
514865	9-2	To SEA	Request shipment from Norf to Great Lakes. W RE 10/22 W	W
514430	9-2	To SEA	Request shipment from Wash. to Great Lakes W	

DIRECTION FINDERS STATIONS

1920

Number.	Date.	From or To—	Subject.
510420			
510427	8-11	To Comdts IM's	Radiocompass stations correct geodetic position of. Request fwd data/ W
TO CARD 59	8-11	N.Y. - Office decision. 8/31 W	Key West 8/17 W.
	8-11	Phil. 9/17 W	Mag. sd. - Recommendations matter be taken up with Coast and Geodetic Survey 8/20 W
	8-11	Boston - outlines policy which will be put into effect 9/11	Boston - Gives correct geodetic position of compass station. 8/24 W.
509541	8-11	To Comdts	Quarterly inspection report of stations. Request more info to be added with report W
	8-11	Key West - T-can send subchaser with 1/2 kw set to Jupiter - 9/8 - W	Key West 8/18 W.
	8-11	To Key West (T) rel subchase 9/9	To Key West - request calibration 9-1
510447	8-12	To Comdt Boston	Fwds Coast Guard report for comments. stations SIASCONSETT and SURESIDE W R5 9/1
511254	8/12	Y&D	Copy of telegram to 9th Dist. authorizing work at various compass stations. W.
511010	8-12	To Comdt Puget Sd	Radio compass stations EMPIRE common lines to MARSHFIELD.
	8-12	To Puget Sd 10/18/20	Ex. 10/20 - 3 copies of letters from COC & Coast in conn. with stations lines to Marshfield station. 10/8 W.
511024	8-14	To Comdt Coast Guard	OCEAN PARK INWACO BEACH WASHINGTON - Request permission to construct bldgs. W
	8-14		Coast Guard - Permission granted. 9/10 W.
511021	8-13	To K.I (T)	To Comdt Puget Sd 9/23
TO CARD 65	8-13	To M.I. 1-7	Make survey for station CYPRESS POINT submit complete report and estimates at once. W
TO CARD 65	8-13	To K.I. 1-8-21 (T) Supt	Make island - Fwds recommendations on proposed site at Cypress Point. 9/11 W
511595	8-16	To Comdt 9th Dist (T)	EAGLE HARBOR / GRAND MARAIS Have rep confer with Supt LH Detroit who will give final decision on WHITEFISH DETOUR and THUNDERBOY Shipt of matrl reqst will be expedited W
511600	see 919		

DIRECTION FINDERS: STATIONS

1920

Number.	Date.	From or To-	Subject.	
511602	8-17	To Comdt M.I. via Y&D	Authorized projects in conn w fiscal year 1921. stations 12th Dist.	W
RB 12/7-	12/7	12th Dist: fwas request of Bird is Comp Sta for Ford car: 10-20-1	To M.I. via Y&D- rel MATERIAL LUNCH 9/28	
512624	8/19	To Comdt M.I. 11/25 Y&D 12/8	Y&D- Copy of action to Mare Island. 10/4 W. Y&D; copy of action to Great Lakes: 11-1: W	
		RS 2-11	Copy of endorsement to Mare Island giving outline of work authorized projects in 12th Dist. W.	
512708	8/18	9th Dist.	Copy of letter to Dept stating Harbor Tug will be commissioned for use in conn with Great Lakes. W.	
512993	8/17	Pug. Sd.	Radio compass stations- reports on: reqst allotment \$1700. for drilling well at Dunsmuir. W. To Sd via Y&D- modification of project: 8/31	
506364	from 54	Ship from Boston to GL Keys for Delour Pt. serial 4600 10/1 RB 10/23	To Comdt 9th Dist- advise action taken rel reqst for lists of required furniture 8/23/20	
		Ship from Boston to GL Keys for Grand Maries 10/1 B 10/23	W Great Lakes- Fwas list of furniture: 1/30	W
		Fwd Comdt 9th Dist 10/13	Great Lakes: fwas plans: 9-13: W	
		9th dist. Monthly progress report 12/1 W	9th dist- Request action. 9/24 W.	
		To Comdt 9th Dist 12/10 appvl	9th Dist. 9/24- report on allotments. W	
512821	8-23	To S&A	Ship from Bos to Great Lakes for white fish Pt. serial 4594 10/1/20 RB 10/23 W	
			Request shipment of Dalco gas engine from FSB Puget Sound RB 1-17-21	W

Number.	Date.	From or To—	Subject.
508246	7/27 7/28	Norf. Y&D	Request for plans for building barracks at Cape Cod Station.
508276	7-29	To Boston(T)	Expedite drawings showing desired locations for barracks at compass stations 1st Dist. W
508281 RB 9/25 W	7-30	To Norf via Y&D --To Im Norf. Request same action be taken with prints as outlined 8-4 Y&D-copy of action to Norf-8:5-D Norf-copy of action to Norf-8:3-W Norf- Request copy of letter 7/30 9:1 W To Norf. Advd 9/9	Radio compass stations Hog Island and Cape Hatteras. Plans for barracks at To Norf via Y&D. remodeling of buildings at stations at Cape lookout and Poyner's Hill W 7/30 Y&D- Request prints of Coast Guard reservation at Hog Island and Cape Hatteras. 8/20 W
508285	7-31	To Dept Commerce	Request copy of proposed location of radio compass stations at Tatooch Is. Smith Is. New Bungress Cattle Pt Pt Nechemie Pt Per in. W
508831	7/27	Eng. Sd.	Semi-monthly radio compass report. W.
508669	8-3	To Coast Guard	Radio compass stations, CHIEF W. L. S. MICHIGAN and W. L. S. MICHIGAN. Communication lines connecting. Coast Guard 9/3 W Coast Guard- Request transfer of \$1500- 4/22 W Wd SEA 5/2
508675	8-4	To Coast Guard	Request authority to erect a wireless station to Coast Guard. Request print showing location of station at Trenton's Point. 8/11 W

DIRECTION FINDERS STATIONS

Number.	Date.	From or To—	Subject.
508677	8-4	To LI (T) To Sec. 8/11 RE 8/18 W 13th Dist. (T) Request arrange for transportation of 20 to serve compass sites. 8/18 W.	Bu contemplates constrains compass Stations Alaska adv if Dunklee available immediately for term anty PS to conduct survey. 1/2 Water Island - (T) Radio inspr Dunklee available for Alaska investigations. 8/5 W. To Puget Sd (T) 8/6 Pug. Sd. - (T) - W.E. White and E. T. Jones will accompany party making survey. 8/7 W.
509531	8-6	To Comdt Puget Sd	Radio compass stations 13th Dist. auth projects in conn with W To Boston Concurs with recommendations auth abandonment and cancel of project 9-29
509530	8-6	To N. Orleans New Orln-Lista improvements nec at Pass-A-Loutre. W. 9/18 60 To LI HQ 8/29 510200 8/2 Boston (T)	Radio compass stations 8th Dist. W 8/20 - Sec. of action to Pug. Sd. W 8/12 New Orleans; request auth for transfer of belt driven generator to Pass-A-Loutre Sta; 9-14; W To Boston (T) granted 8/9
510238	8/5	Boston	Authorized projects in conn with shore radio compass stations in 1st District. Fiscal year 1921- finds prints with detailed report covering. W.
510328	8:2	Pug Sd	Radio inspection Report of progress. W
510325	8:5	Grt Lakes	Request report on calibration radio stations. W
509532	8-10	To Director Commun	Report of Coast Guard communication facil at Sault St. Marie Mich. - Pwds W

Number.	Date.	From or To—	Subject.	
507109	7/22	Y-D	Sites for radio compass stations in first Dist are nearly all still undetermined.	W.
507172	7/23	Y-D	Copy of letter to Comd stating revised Vandykes of drawings, compass stations 5th Dist. will be added.	W.
506354 RB 8/17	7-23	To Comdt 9th Dist. To Y-D via SEA- rel for instruction 8-5	Authorized projects in conn with fiscal year 1921.	W
56	8-5	9th Dist- action being taken.	Copy of action to 9th Dist- 7/28	W.
507563	7/24	9th Dist- Request approval of radio comp station work. 8/12	9th Dist- Gives action being taken. 7/28 W. 8/2 W. Copy of letter to Phila. giving instructions rel to construction work at Cape Tenio, on and Henry Beach.	
507597	7-25	Y-D	Copy of letter to Comd authorizing projects radio compass stations fiscal year 1921.	W.
507753	7-26	Phila	Submits report on work on 4th Dist radio compass stations.	W
507992	7/19	CO	Report on radio compass bearings for shore stations received. CLIC W	SEC-6
508030	7-27	Y-D	Gives special report on calibration of radio compass stations in 10th calibration of	

DIRECTION. FIDERS ST. NOL.3

1920

Number.	Date.	From or To--	Subject.	
503774	7/1	Mare Island	Progress report, compass station, 12th Dist. W To Communications- stations which are ready for operations lists 7/8	
502991	7/7	To Comdt 9th	Radio compass stations sites outlined in letter of June 21st authorized W	919
504044	7/7	P C C S. Copy	Recommendations covering location of radio compass stations at Cape Spencer, and Cape Bingham and other bays on West coast. W PCCS- Copy- Recommendations cov compass station sites? 7/8 W.	
504217	7/8	P. C. C. S. Copy	Gives geodetic positions of various compass stations. W.	
504504	7/9	Communications	Summ. recommendations covering survey of radio compass stations in Alaska. W.	
504500	7/9	Norfolk Navigation - Subscriptions placed for Popular Mechanics and Saturday Eve. Post. 7/28 W	Recommendations stations listed be provided with subscription of Popular Mechanics and Saturday evening Post. W. To Nav. and disapproval of recs 7/15 lists stations To Norfolk. Ads showing action taken 7/17 Copy of letter to Eng. Bd. making allotment covering completions of compass stations in 13th Dist. W.	
504539	7/10	YAL		
502983	7/8	To Comdt Coast Guard	Communication and control lines for out- lying radio and compass stations in the 3rd Dist construction of- Request action copy to IM NY W	704

DIRECTION FINDERS STATIONS

Number.	Date.	From or To--	Subject.
✓ 504040	7-13	To Dept Commerce	Request auth to locate radio and radio compass stations on Lighthouse reservations on Great Lakes. Lists. Fwds prints, request return of same. W
		~~To Dept Commerce~~	
		Great Lakes- No enclosure. 9/4 W	
		Dept of Commerce- radio authority.	
		Fwd address change and maps. 9/9 W	
		To Comdt Great Lakes 9/23	Dept Commerce- 7/23 W Dept of Commerce- Grants permission at certain points. 8/23 W To Comdt 9th Dist. request expedite 8-30-20 9th Dist. (2)- Report mailed locally. 9/4 W To Dept Commerce. Fwds prints. 9/8 W Copy of letter to ... authorizing constns. of radio compass house at Long Beach and double barracks at Sandy Hook. W
505059	7/13	YAD	
505060	7/13	YAD	Copy of letter to Boston authorizing constns. at stations listed. W
505990	7/16	Lorr.	Subm report on condition of shore and compass station, 5th Dist. W
505991	7/16	Lorr.	Subm report covering assistance rendered by East Guard personnel shore and compass stations 5th Dist. W To Coast Guard 7/25 East Guard 10/6 W
505992	7/16	Lorr.	Calls attn to excellent cooperation of Destroyer USS CUSHING in work with calibration of radio compass stations in 5th Dist. W

DIRECTION FINDING STATIONS.

Number.	Date.	From or To—	Subject.	
501508	5/18 5/23	1st Dist. Post	Request spare receiver be supplied to each compass station. W.	
501589	5-25	To Y&D	Radio compass directive. For For- Request subm to Asst Sec for approval. W	
501591	5-25	To Operations	Request assignment of destroyer to 4th Dist. for calibrating radio compass stations W	
501720	5/17 5/25	Eng. Bd. Y&D	Construction of radio stations in 13th Dist. Subm report covering, with estimates necessary finding photos. W.	
501670	5-26	To Secty	Communication and control landline circuits for outlying radio and compass stations in the 3rd Dist. Subm data. If desirable request authority to start constructions RE 5/30 W.	W
501388	5/26	Dept	Copy of telegram to Atlantic Fleet detailing one destroyer to report to 5th Dist. temporary duty in conn. with calibrating comp stations. W	
502032	5/28	P. C. C. S. Copy	Request information as to recommendations being made for Alaskan radio comp sta. W.	

Number.	Date.	From or To—	Subject.
✓ 501297	6-28	To <u>Coast Guard</u>	Auth request make use of Coast Guard reservations for barracks for compass personnel W To Coast Guard- re: radio compass Va Beach. 9/1
502320	6/29	Dept	Copy of telegram to Atlantic Fleet directing Destroyer report to 1st Dist for temporary duty in conn with calibration of radio compass station. W
✓ 502607	6/30	YAD	Progress report radio compass stations, 12th Dist. W.
✓ 502608	6/25 6/30	4th Dist. YAD	Comp stations at Bethany Beach- ewes and Cape May. was recommendations with print, covering new construction. W.
✓ 502699	7/1	San Diego Copy	Recommendations for radio compass stations alias. W.
✓ 502790	6/24 7/1	Pug. Sq. YAD	Subm estimated cost of cable, compass stations in 13th Dist. fwd YAD 7/7 copy Puget Sq W
503487	7/1	Pug. Sq.	Request radio compass stations listed be placed on callin list for daily radio bulletins. 7/1 W.

DIRECTION FINDERS STATIONS

1920

Number.	Date.	From or To.	Subject.	
498268	6/1	Mare Island	Progress report. radio compass stations. 12th Dist.	W.
498328	6/2 6/8	8th Dist. Communications	Comments in conn with date of placing in operation. 8th Dist. Compass Sta. and Com 6-17	W.
497855	6-9	<u>To Boston (T)</u>	Bar P.D. will be in Boston to inspect radio compass stations in immediate vicinity of Boston period make necessary arrangements to expedite this work W	
498987	6/10	Ing. Ad. Y&D	Request \$10,000 to cover compass stations. W. and Y&D 6-12	
499578	6/11	Boston	Request for authority for Experimental work in conn with shore radio compass operation. W to Anacostia 5/20	
500623	6/17	.9th Dist.	Will subm reports on investigation of radio compass sites within a week. W	

Number.	Date.	From or To—	Subject.
500782	6/16	Ware Island	Progress report, radio comp stations, 12th Dist. W.
492065	6/15	To Sec. via com	Summary concurs in policy outlined - 88, approving expenditure of \$93,000 cov establishment of radio comp stations in Alaska. 919-1 6/22.
500871	6/21	Communications	Recommendation covering establishment of radio compass stations on Great Lakes. W.
500833	6/17	Pug. sd.	Progress report on radio comp stations. W.
499564	6-22	To Comdt MI	Radio compass stations- 12th Dist. Compliments M.I. upon completion, results obtained calibration of San Francisco Harbor entrance troups.
501168	6/21	9th Dist.	Recommendations in conn. with constrn of buildings at stations, by public Works Office Great Lakes and not by contract. W.
9th Dist- Report on proposed radio	6/21	9th Dist- Report on proposed radio	9th Dist- Report on proposed site of Eagle Harbor Sta. 6/22 W.
compass station, Devil's Island.	6/21	9th Dist- Report on proposed site for Salt St. Marie. 6/22 W.	9th Dist- Report on proposed site for Menistigue Sta. 6/22 W.
		9th Dist- Report on proposed site for Grand Parais Sta. 6/22 W.	9th Dist- Report on proposed site for Whitefish Point Sta. 6/22 W.
		9th Dist- Report on proposed radio comp sta- Thunder Bay Island 6/21 W.	

Number.	Date.	From or To—	Subject.	
496805	5/24	Pug-Sd.	Fwds semi monthly report radio compass.	W
497472	5/29	Pug-Sd.	Fwds report with prints and photos cov radio compass station in vicinity of Port Angeles, Washington.	W.
497474	5/28	Mar. Island	Fwds report of test of SF. entrance group of radio compass stations. To Communications- fwds 6-8 RB 6/16	W.
498074	5/2	Pug-Sd.	Radio compass station locations, Pacif. Coast.- Fwds prints.	W.
498068	6/1	Pug-Sd.	Progress report on radio compass stations.	W.
498214	6/2	Mar. Island	Copy of letter to CO GILLIS giving instrns rel to calibration of radio compass station in 12th Dist.	W.
498222 SEE 1019	6/4	B. Gero CANCELLED To Comdt 9th Dist. ins fwds 7/2	Are willing to deed to Govt. piece of ground fronting on Lake Michigan for radio Compass Station.	W.
MANISTIGUE 9th Dist. sta. at Manistigue.	8/11	Dist-Subm data regarding property 8/11 W.	To B. Gero- pending return of Bur rep. no	W.
498291	5/7	Surpp Forces Copy	British Admiralty have presented for pay- ment, bill covering construction and building of apparatus, direction finder station at De- Mullet, Holland; request inform in conn with	787

COMMUNICATIONS STATIONS 1920

Number.	Date.	From or To--	Subject.	
489566	4/17	Mare Island	Copy of letter to Pacific Fleet giving instructions covering proposed test of San Francisco group of Comp Stations. Iwd Com 4/26	Y
489564	4/19 4/19	Puget Sd. 13th Dist	Request radio stations listed be placed on mailing list for monthly radio report. To Oct 13th Dist. Puget Sd. asks advise when stations placed in commission for reports 4-30	W.
489694	4/20	Puget Sd.	Subm report on radio compass stations.	W.
490172	4/27	Y&D	Status of completion of radio compass stations in 12th Dist.	W.
490240	4/27	Norff	Request two storage batteries be furnished for use in conn with Simplex Circuits between Capeatteras and Cape Lookout Compass Sta. To Norff. authorizes withdraw from store, 2 batteries. 5/4	W.
490593	4/29	Chasn. Copy	In conn with recalibration of North Island and Morris Island Comp Stations.	W.
492065	5-8	To Director Communications	Information reqd as to establishment of radio compass stations at our outlying possessions. Request subm tentative locations to Bureau. W	
63 card 6-7	6-7	To Sec via Com. concurs in policy	Communications. Gives policy in regard to establishing of compass stations in outlying positions. 5/25 W	12/15
		To Sec via Com. concurs in policy outlined 6-16 Reed back, approving expenditure of \$93,000 for establishment of radio comp stations in Alaska, 6/22. X 91941 W.	Communications Dept has authorized.	12/15 W

Number.	Date.	From or To—	Subject.	
491607	4/27	Mara Is and	2 KW gas engine generator sets in store at "I are not required at any compass stations in 12th Dist.	W
491726	4/30	Mara Island	Copy of letter to CO MEDE in conn with test of radio compass stations, San Francisco group.W	
492327	5/1	HI Is	Progress report radio compass stations 12th Dist - W	
491430	5/5	To Norf (T)	Bur reps will be in Norf 5/10 to inspect radio compass stations Desire have Hog Island inspected first W	919
493476	5/13	YED	Status of work on radio comp stations, 12th Dist.	W.
493437	5/13	Communications	Calls a tn to unsatisf. calibration of radio compass stations in 5th and 6th Dist. by HARRIS & CO. IS.	W.
		Chas - submits report. 5/21	To Cdt Charleston - reget report 5/18	
		Norf - Recommends Hog Island and Cap	To L. Norf reget report 5/18	
		Henry stations b, recalibrated. 6/5	To C. Com	
493919	5/10	Aug. 2d.	Progress report, radio stations, Aug 2d. Dist.	W.

DIRECTION FINDERS STATIONS

Number.	Date.	From or To—	Subject.	
464310	4-6	Norf	Outline of radio work Cape Henry radio compass sta: W	604
464310	4-6	Norf	Outline of radio work Hog Is radio compass sta: W	604
486510	4-13	To Comdt Puget Sd	Recd and reports covering locations of SLIP POINT, WESTPORT, CAPE ARAGO, SMITH ISLAND, Puget Sd. Give geographic location of Compass station, 13th Dist. 6/1 W.	
486955	4/5	Mare Island	Progress report, radio compass stations, 12th Dist.	W.
487255	4/13	Phila.	Subm report on calibration of radio compass stations in 4th Dist. W. To Comm. fwas print 4-19	
487656	4/15	Y&D	\$26,500 additional will be required to complete compass station in 13th Dist.	W.
487173	4-15	To IM N.Y. (T)	Bureau representatives will make inspection of all radio compass third district—those Long Island first make arrangements expedite W	

Number.	Date.	From or To--	Subject.	
487766	4/15	Norfolk	Subm list of list of work and material necessary for completion of simplex telegraph system from Cape Henry to Hog Island comp stations.	W.
			To Norfolk - Informed work completed. material requested for no approval. 4/28	W.
487762	4/13	New Orleans	Fwd error curves for radio comp stations.	W.
488009	4/8	Mare Island	Request authority to issue wave meter to radio compass stations listed. 4/23-4/26	W.
			To Cat M.I. do not approve issuing of wave meter to each radio compass station	4/26
488039	4/12	Pug. Id.	Fwd semi-monthly radio compass report.	W.
488641	4/20	Y&D	Subm extract from monthly report, radio compass stations, 12th Dist.	W.
488805	4/14 4/21	Pug. Id. Y&D	Subm request for addtl funds for construction of radio compass stations in 13th Dist.	W.
	To Asst Sd (T) 4/23 fwd Y&D 4/26		Pug. Id - (T) - \$2,500 should cover appropriation charges due to increase in overhead rate.	4/24 W.
489505	4/23 4/8	Coco. Id. 5th Dist	Recommend establishment of radio compass station on aciric side of the 21st Dist.	A.
		Coast & Geodetic Survey - Re. res. to Supt. Coast & Geodetic Survey. Request establish geographical location of comp house: first cal position of radio comp sta at	co. indicate with commandant. Post. 4/28	W.
		for Hill Island. 4/29	Fwd Director Nav. Comm. 4/28	W. RH 5/5 W
		To Comdt 15th Dist - rel location 5/8		

DIRECTION BUILDERS STATIONS

Number.	Date.	From or To	Subject.
481183	3/13	To Cdt. Phila.	Request copies of radio compass bulletin #1. be fwded by March 20th Phila- fwd radio comp bulletin #1. W 4/6
481192	3/13	To Cdt. Pug. Sd.	Authorizes dials from Mare Island for radio compasses to be installed in 12th Dist. Pug. Sd. Rqst prints be fwded. 3/7/21 W.
481831	3/10	Mare Island	To SC Sd. Snd. Gives Inform re app cc Copy of letter to CO GILLIS giving instrns covering calibration of radio compass stations in vicinity of San Francisco. W.
482818	3/15	Pug. Sd.	Fwds progress report, radio comp stations. W.
482967	3/14	12th Dist	Recommends Bird Island station be placed in commission of other stations. fwd Naval Comm 4/1 W.
483350	3/15	9th Dist	Quarters for operators and receiving quarters proposed radio compass stations- fwds print and specifications. W.
484412	3/24	Mare Island	Progress report, radio comp stations, 12th Dist. W.
484258	3-30	To IM Norf	Radio compass stations, 5th Naval District. \$800. authorized. W
484258	3-30	Norf- request one unit of reserves be shipped stations listed 8-6-W To Norf. auth 8/11	Norf- Instrln of control keys and telegraph instruments close to operator, essential 3/17 W
484250	3-31	Norf-Subm estimate. 8/19 W To Communications	Lists stations completed, radio compass- W

Number.	Date.	From or To--	Subject.	
428356	FROM CARD 18		Chasn.- Status allotments, North Island and Morris Island - recommends increase for. 3/29 Chasn. Annual maintenance allowance, Morris Island Comp Sta- should be increased. 3/29 W. To Comdt Chasn- \$500.00 N. Island \$300 Morris Island 4-10	
485944	4/1	Eng. Sd.	Progress report, radio comp sta.	W.
486174	4/7	New Orln Copy	All stations in 8th Dist calibrated.	W.
486259	4/7	Worf	Request authority for over time work. Bowen and Owens, in conn with calibration of radio compass stations in 5th Dist. 5/1 W	W
486091	4-10	To CAR	Assignment of motor boats-radio compass stations. Request 40' motor sailing launch be assigned to CAPE LOOKOUT 20' dory HOG ISLAND. W J.H. Copy of action to Worf. & New Orln. 4/14 W	W

1920

DIRECTION FINDERS

BAR HARBOR RADIO COMPT STA

Number.	Date.	From or To	Subject.	
484969	3/31	Bost	Quarterly inspection report	W.
527152	11/1	Boston	Quarterly inspection report. W.	
		1921		
541195	1-20	To S&A	Reqst shipt from Wn to Bar Harbor of protec devices W Canc of 5981 1-22 6013 To Boston rel shipt 1-24-21	5981
541779	1-22	To S&A Otter Cliffs - Copy of action to Bost. 3/25	Reqst shipt of devices from Boston to Bar Harbor W S&A 3/18 W. To Otter Cliffs Reqst inform 3/22 Boston 4/1 W. Quarterly inspection report. W.	6015
541349	2/1	Boston		
576691	5-26	To S&A	Reqst shipt of radio matrl from Wash. to Otter Cliffs Bar Harbor W 8268 Amendment of 8/2/ 8322 Amendment of 8/9 8420	W. 7/
595059	11/8	Boston	Quarterly inspection report. W.	

DIRECTION FINDERS FAR HARBOR RADIO COLP STA 1922

Number.	Date.	From or To—	Subject.
623470	5/27	To S&A 300	Reqt shipment of battery charging unit from Norfolk to O-I-C Far Harbor W.
630602	5/28	Boston	Copy of report of inspection. W.

DIRECTION FINDERS

Number.	Date.	From or To -	Subject.	
435158	FROM CARD 24		Norfolk. Request destroyer be detailed for calibration compass sta. 5th Dist. 2/26 Boston- Ask if Destroyer will be assigned. 2/27 To Operations 3/2 RB 3/8 To Cat Boston 3/2	
479662	3/4	Communications	Recommends some reliable auxiliary means of communications be established at important radio compass stations.	W
479884	3/2	New Orln	Request allotment of \$550 be made covering finding latitude and longitude of Compass stations listed To N. Orleans 3/6	W.
480569	3/2	Mare Island	Progress report, Compass Station, 12th Dist.	W
454310	---	Great Lakes	Lists stations which should receive radio compass stations;	604

Number.	Date.	From or To—	Subject.	
480652	3/4	Pug-od.	Monthly progress report, radio comp sta.	W.
480655	3/9	Communications	Recommends separate telegraph line be established between Cape Hatteras and Cape Look Out Compass stations.	W.
480329	3-10	To Boston	Radio Compass Stations - Calibration of - Assignment of Destroyers for this duty. W Reqs work be completed by April 1st.	
480330	3-10	To I.M. Ny	Radio Compass Stations - Calibration of - Assignment of Destroyers for duty. W Reqs work be completed by April 1st. copy to Phila. NY - all compass stations calibrated, with exception of Fire Island - 3/17	
480331	3-10	To I.M. Norfolk	Radio Compass Stations - Calibration of - Assignment of destroyers for this duty. W Reqs be completed by April 1st. copy to Comdt Cham. W	
480332	3-10	To Coast Guard	Radio Compass Station, Fourth Cliff, Mass. Coast Guard Station #28. Status of. Advise when the property desired by coast Guard will be acquired. W	919-19

DIRECTION FINDERS.

1920

Number.	Date.	From or To—	Subject.	
474805	2/2	Mara Island	Progress report, radio comp stations in 12th Dist. 12th Dist. 2/2	W.
474808	2/2	Mara Island	Fwd s report on radio compass equipt for instn in 12th Dist. To MI (T) 2/13 To Cdt Phila 2/13 (rel to shortages in shipment of compass equip. sent)	W.
464310	2/3	To N.Y.	General comments on radio compass stations in 3rd Dist;	604
475170	2/9	Dept.	Copy of telephone conversation with 3d Dist in conn with probable completion of calibration of radio compasses by O'Brien.	W
475275	2/6	Pug.Sd.	Progress report, compass station in vicinity of Pug.Sd.	W.
475788	2/11	Phila.	Subm request for addtl maintenance funds. Compass stations listed. To Cdt Phila- increase of maintenance allowance from 500 to 600 2/18 Re Albany beach- asks more info re Cape Henlopen. 2/18 Phila- Request addtl allotment of \$200. 2/24	W.

919 - 1

Number.	Date.	From or To—	Subject.	
✓ 477857	2/20 2/24	M.I. Y&D	T	
			Request increase overhead additional allotments to complete radio constrn under way at radio compass stations listed in 12th Dist-WK	
			Y&D - 3/3	
			To Y&D 3/5	
			Y&D - Copy of action to Mare Island 3/5	
			To Y&D 3/8	
477735	2/16	MI		
			Progress report. Comp Stations 12th Dist.	W.
477814	2/18	Pug. Sd.		
			Monthly progress report on radio comp stations.	W
478275	2/21	Pug. Sd.		
			Request latitude and longitude of Coast Guard station in 13th Dist be taken by Coast Geodetic Survey.	W.
			To Sup C&G Survey Wash 3/2 copy Puget Sd and Mare Island W	
			Coast & Geodetic Survey - 3/5	
			Mare Island 3/22 W	
			To Comdt M.I 3/31	
			Pug. Sd. - In action taken to establish north and South lines of station in Dist. 8/18 W	

DIRECTION FINDERS

1920

Number.	Date.	From or To--	Subject.	
468577	1/10 1/12	Pug. Sd. Y&D	T Subm estimate of addtl funds required for construction of compass stations, at Ft. Stevens and Cape Arago. Fwd Y&D. 1-14	W.
468612	1/7	Pug. Sd.	Subm semi-monthly progress report on radio stations.	W.
468941	1/8	Pug. Sd.	Fwds semi-monthly radio compass report.	W.
470112	1/16	9th Dist.	Copy of letter to Y&D requesting copies of plans and specifications of buildings in 9th Dist for radio compass stations.	W.
470279	1/10 1/19	Pug. Sd. Y&D	Fwds report of T. J. Briscoe covering inspection of proposed radio compass sites in 13th Dist. Also fws photos.	W.
470600	1/10 1/20 Y&D 2/4	Pug. Sd. Y&D	Radio comp Stations at Ft. Stevens and Cape Arago. Subm request for addtl funds covering constn of. Fwd Y&D. 1-22 Y&D-1:26	W.
471234	1:22	Y&D	Understand Bureau has received monthly progress report on radio compass stations in 12th District. W	
471409	1:23 To New Ori (T) 1-24 New Ori. (T) - Asst. Engr engineer may be expected. 2/5 To N.O. (T) 2/7 NO. (T) - Engineer reported 2/12	N. Orleans T	Coast and Geodetic representative at N Orleans in connection with radio compass stations unable to perform duty- request another engineer be detailed. W	

919-1: DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.
✓ 471947	8:14 1:20	M IS Pug SA	Radio compass stations at Tatoosh Island and Ozett Island—fwd detailed correspondence in connection with. Fwd Com 2/8 RA 2/10
473116	1:28	9th Dis	Request information in connection with plans for radio compass stations.W
447118	FROM CARD 35		Key West- (T)- Request addtl allotment of \$400 labor, and \$600 material, covering compass house for Jupiter. (X Jup Sta.) 2/7 Key West- Request authority to issue transfer orders to F. C. Brown to Jupiter Fla. in conn with compass Station. X638 2/6 Key West- Request authority to issue transfer orders to Sumner A. G. Bullock. in conn with Compass Station, Jupiter. 2/6 To Key West (T) 2/9/20 ✓ Fwd S city (recd) of K.W. for travel orders to F.C. Brown 2/11 Key West- Request allotment of \$1,000 be authorized for Jupiter Station. 2/10 To Cpt Key West- allotment made. 2/18 Key West- Request addtl allotment of \$500 for completion of compass instn at Jupiter. 3/6 To Cpt Key West 3/10

DIRECTION BINDERS

Number.	Date.	From or To—	Subject.
464945	12/17	Puget Sound	Progress report, Radio Comptations. W.
464325	12-26	To I.M. New Orleans	Radio Compass Stations in the 8th Naval District - Calibration of. W RB-1;26
465764	12/24 12/27	Inspr Cramps Dept.	Suggestions, with prints, etc. covering apparatus for observing approach of aircraft balloon antennas for wireless communications as submitted by P. I. Banneizer. W.
465070	12-27	To Dept Commerce	Reqs authority to establish a combined radio and radio compass station on the Lighthouse reservation, West Port, Grays Harbor, Washington. W Communications 12/3
465788	12-30	To Dept via Y&D	Reqt for motorcycles with side cars. W in the 12th Naval District. RB 1/14 To M Is- No motor cycles available at present. 1-16
465806	1-12	To Phila	Radio Compass Stations in the 4th Dist. Ammeters for amplifiers for. W Mils- Summa recommendations. 2/3 To Phila 2/6

919 - 1 DIRECTIONS FIELDERS:

1920

Number.	Date.	From or To—	Subject.	
466579	1-3	To Dept Commerce	Fwd's prints showing location of compass buildings at Farallon Islands, Cal. and Point Montara, Cal. W	
467078	1/5	1st Dist Copy	Radio Comp Sta- Gross Rip. placed in commission 1/4.	W.
466556	12/18	Nare Island	Copy of letter to Pac. Fleet in conn with assignment of Destroyers for duty in conn with calibration of radio compass stations. W.	
466950	12/29	Pug. Sd.	Subm list of furniture and equip and supplies nec to put radio compass stations in commission. To Pug Sd- 1-6 copy to Y&D Pug Sd-recommends allow listed be auth for various stations. To Cdt Puget Sound 2/3	W.
468007	1/9	Nare Island Copy	Request orders for working parties for construction of radio compass stations.	W.
467307	1-8	To Dists and I.M.'s	Radio Compass Stations - Calibration of. W In pr Phila. 1/10	

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
461968	12/1	Mare Island	Progress reports radio compass stations, 12th Dist. W.
452474	FROM CARD 38		Mare Island 12/1 - Fwds addtl prints. W. Mare Island 11/29 - Fwds photostats.
461991	12/2	Pug. Id.	Progress report on Radio Comp Stations. W.
462208	12/1	Mare Island	Progress report, radio Comp Stations in 12th Dist. W.
463135	12/13	Y&D	Semi-monthly report of progress radio compass stations - W.

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.	
447104	FROM CARD 36		War Dept- Fwds prints 12/10	
463475	12/9	Mare Island	Request typewriter be issued to radio Compass stations listed. To Cdt M.I. S&A will be reqstd to furnish 4-18 Mare Island 10/6 W. to M.I. Fwds acc. of 100 or 10/50	
463762	12/16	C&R	30' motor sailing launch 14612 assigned for shipment to Smith Is Radio Compass Sta; Y	61112
464708	12/15	Mare Island	Progress report. radio Comp Station. 12th Dist. W.	

DIRECTION FINDER3.

Number.	Date.	From or To—	Subject.	
459314	11-17	12th Dist.	Fwds monthly progress report. M 11-17 Prog report	W
459456	11-17	Mare Isl.	Rest maintenance allotments of radio compass stations listed be increased. To M.I. auth maintenance allowance as listed	W K 11/25
459532	11-19	Puget Sound	Semi-monthly prog report on various radio compass stations.	W
459535	11-22	Phila.	Vandykes of model "T" radio compass- Fwds.	W
459862	11-24	Phila.	Reports on lack of receiving equipment for radio compass shipments. To h. amt reqd 11/26 Phila. 12/6 Phila. 1/14 To Phila. Lists shipments made. 1-22	W
459872	11-19 Mare Island 12/11	Mare Isl.	Gives reason why Yd should be supplied with CO-101 transmitters instead of CT-104. Submits estimate covg manf. of CO-101. To M.I. - auth withdrawal of store type CG-101 17 kw transmitter for P. Reyes Bird Island and Point Lueneme 11/26	W

Number.	Date.	From or To--	Subject.	
459691	11/26	To Y&D	Advise rel to delay in construction of radio compass stations in 13th Dist. W	
450551	11-28	Norfolk.	Fwds calibration curves of Cape Lookout Radio Compass Station.	W
⁵ 460800	11/25	Pug. Sd.	Ask if authorization of radio comp sta in 13th Dist automatically carries with it an allotment of funds. To "get Sound" funds cover all cost of instal 12/5	WK
460803	11/29	Y&D	Fwds report from Mare Island Yd covering radio comp stas. Bird Island, Montara, Farallones Island and Point Reyes.	W
461487	12/5	To Supt Coast & Geod Survey	Reqst detail of representative of C. G. S. to each of stations to conduct work. W Dept. of Commerce 12/8	
461967	12/6	Communications	Suggests experiments be conducted with a double electro magnetic screen around receiving room. W	

DIRECTION FINDERS

Number.	Date.	From or To--	Subject.	
455437	10/29 11/1	5th Dist Com	Quarterly inspection report, Smith Island Compass Station. To Norfolk rel discrepancies 11/4 sum of 106.00 authorized 11/28	
455354	11/3	To Y&D	Allotment of 6500.00 made, covering cost of blag matrl and work station Smith Island Wash. W	
455355	11/3	To Puget Sound	Auth of matrl to be withdrawn from store, cons of Slip Pt and Smith Island. W	
455366	11/3	To Y&D	Establishment of station point Bueneme Cal.	
455367	11/3	To Mare Island	Authorization matrl to be withdrawn from store MI for establishment of station Pt. Bueneme Cal. W Mare Island 11/14	
420676	11/1	To Communication B/	Boston- Quarterly inspection report Surf- side Compass Station.	914
455619	11/5	To Y&D	Allotment of 1600 made, covering cost of erection house, Avalon, Santa Catalina Is. Cal. W	

Number.	Date.	From or To—	Subject.
456200	11/7	To Y&D	Establishment of radio comp station Point Fermin Cal. W
456854	11/7	Y&D	Twds progress report for establishment of radio compass stations, under jurisdiction of Puget Sound. W.
457510	11/12	Y&D	Twds semi monthly report recd from Mare Island in conn with compass station at Bird Island, Farallon and Point Montara. W.
457772	11/15	To Cdt Boston	Re-establishment of radio compass station Fourth Cliff Mass. No action to be taken re. ding purchase by Coast Guard. W Boston 3/3 To Cdt Boston 3/10
458492	11/16	Phila. (T)	Calibration of radio compass stations in 4th Phila. with DICKERSON completed. W.
458539	11/26	Atlantic Destroyer	copy AULICK substituted for RODGERS. W.

DIRECTION FINDERS:

Number.	Date.	From or To -	Subject.	
453589	10:22	Dept	Effective Jan 1st at all compass stations will use wave length of 800 meters. W <u>Cross to Wash</u>	
453200	10/23	To Y&D	allotment of 1000 made covering repairs to blug at Fort Stevens. W	
453833	10:21 10:24	Boston Y&D	Reqst additional allotment for Damiscove Is, Compass Station. Y&D 10:31	
452478	10/20	To Sec Commerce	Dept desires establishment of 5 kw radio station in vicinity of Detroit.	899
453845	10/28	To Y&D	Allotment made, 3350.00 covering cost of bldg mast and tank of comp station Pt. Reyes Cal. W	
453846	10/25	To Odt MI	Rel to establishment of station at Pt. Reyes Cal. W	

Number.	Date.	From or To—	Subject.	
454124	10/18	Pug. Sd.	Progress report on radio compass stations. Fwd Com 10/28 RB 10/30 Puget Sound—Progress report. 11/10	W.
454390	10/15 10/27	5th Dist Com	Quarterly inspection report, Hog Island Compass Station. W.	
454576	10-27	Dept.	Copy of telegram to Atl Fleet directing detail destroyer to 4th Dist for duty in conn with calibration of radio compass stations.	W R
445041	10/28	To Y&D	Permission granted to use reservation at Slip Point East Clallam Wash. for comp sta. W	
445042	10/28	To Puget Sound	Permission granted to Dept use reservation at Slip Point, Clallam Wash. Be leaves comm can be had with Tatoosh Station over the weather bur line. W Pug. Sd. Fwds print showing proposed communication line. 2/3	

DIRECTION FINDERS:

Number.	Date.	From or To—	Subject.	
400558		See Card 100 of 919 also Card 75 of 919		
451654	10;18	Boston	Quarterly inspec report Grossa Isl Sta; To Com-Bud 10;22 BB 10/28	W
452035	10;18	Pacific Fleet	Copy- Burns left for Santa Barbara to carry out compass station test, off Arguello.	W
452061	10;15	Phila	Reqst auth to issue Arctic outfit to Beth Beach Radio Station. To Phila-Arctic outfits to be added to equip. 10;20	W

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Number.	Date.	From or To—	Subject.	
✓ 452590	10:19	Atl Fleet Copy	In con with detail destroyer in place of Nonner to complete work of calibration at radio compass station.	
452471	10:22	TO Y&D	Establishment of radio compass station at Imperial Beach Camp. W	
✓ 452506	10:15	War Dept	Will auth construction of radio compass station at Fort Rosicrans and Camp Hearn. To Sec of War 12/11 To Sec of War asks expedite info req 1/28 War Dept. 2/5	W
452472	10:22	TO M I	Establishment of radio compass station at Imperial Beach, Camp Hearn, Cal. Mare Island-Progress report 10:31	W
452678	10:17	NY	Reqs electric meter be furnished for Sandy Hook Compass Station. TO Y&D-Fwd 10:21 RB 10/25	W
452833	10:13 10:20	6th Dist Com	Quarterly inspec report Maria Isl Compass Station. W To Naval Com- Returned - 10:22	
453378	10:22	Y&D	Construction of radio compass station on Ozetti fws correspondence in con with To Puget Sd- reqst further investg 10/28 Puget Sound 12/16	W
452474	10:22	To M I	Permission to use reservation for compass station at Point Loma, held in obexance. W	
TO CARD 42	Te MI- non receipt of photostat prints 11/19		MI-fws photostats showing location of dorma- tory and house for charging unit. W 10:30	
447828	?	Boston	fws correspondence in con with proposed re location of Appledore Isl Comp Sta.	898

DIRECTION FINDERS: STATIONS

Number.	Date.	From or To—	Subject.
449656	10/9	To Y&D	Allotment of 3750.00 made- reqst work on construction station Farrallon Islands, be commenced- fwdg report covering. W
449657	10/9	To Comdt M Island	Authorizes apparatus to be drawn from store for use construction station Farrallon Is. W Mare Isl. 10:31 Mare Island- Progress report 10:31
451162	10:11	Boston	Quarterly inspection report of Appledore Isl.
451281	10:7 10:11	3rd Dist N Y	Reqst Montauk Radio Station be recalibrated. W To IM NY req detail rep from Office to calibrate comp to 500 and 750 meters 10/17 N.Y. 10/23
451205	10:7 10:13	6th Dist Com	Quarterly inspec report Shore Radio Comp Station North Isl. W Fwd DNO 10/15
451898	10:18	To Norf	Relief for vessels detailed for radio compass stations calibration.

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Number.	Date.	From or To—	Subject.	
450622	10;11	TO Y&D	Etab of radio compass station at Point Montara. W	
450623	10;11	To MI	Lighthouse Reservation at Point Montara be used as location for radio station. M I 10:31 Mare Isl 10-31 Prog report, Pt. Montara. To MI- Dates shipmt made 11/12 Mare Isl 11-21	to W
450625	10;11	To Coast Grd	Permission for estab of small bldg on Coast Grd Reservation. Coast Grd-Reqst auth to suspend antenna fire sig mast. 10:14 Coast Grd-Sug erect suitable masts at Appledore Isl. 10:20	W
451370	10;11	Boston	Quarterly inspec report of Demiscove Isl. Iwd DNG 10/15	W
450979	10;13	To Pg Sd	Asks for report of radio station in vicinity of Point Edwards, Alki Point, and Tillamook. W	
450980	10;13	To Mare Island	Asks for reports of radio stations in vicinity of Ocean Beach and Eureka, Cal. To MI re: establishment of Pt. Fermin 11/7	W

DIRECTION FINDERS, STATIONS

Number.	Date.	From or To --	Subject.
447104 SEE CARD 42	10/1	To Mare Island To Mare Island (T) Desires to establish radio compass stations on Bird Isl. and Point Reyes. 10/18 Mare Island 10/20	Establishment station Bird Island, Ft. Barry Cal. Allotment made 10:10 MI-Regst reconsideration. 10:10 MI- 10/11 MI - Progress report 10:31 MI- Regst reconsideration. 10:10 MI-Auth instal of transm at Bird Isl. gives reasons. Material for radio compass station San Juan W 10:20 Puget Sound- Fwds radio compass report. 10/21 Puget Sound- Fwds radio compass report. 11/25
449009 TO CARD 50	10:8	To Pg Sd Pg Sd- semi-monthly report- 1:21 Puget Sound; semi-monthly report; 2-20 Pg Sd - semi-monthly report - 3/8 Pg Sd - Semi Monthly report, 3/26 W Pg Sd - Semi Monthly radio compass report	Puget Sound 12/6 Puget Sound 12/23 semi monthly report. Pg. Sd. Fwds radio compass report 2/5
448953	9:30 10:2	1st Dist Com	Quarterly inspec report of Gloucester Radio Station.
449042	10:2	Boston	Quarterly inspec report Deer Isl Radio Sta.
448664	10/2	To Y&D	Regst construction of compass house Cape Ango- Allotment of 2500.00 made. W
449156	9:30 10:3	1st Dist Com	Inspe report Surfside Comp Sta. W fwd DMO 10/7
449159	9:30 10:3	1st Dist Com	Quarterly inspec report Prices Neck Comp Sta.

DIRECTION FINDERS: STATIONS

Number.	Date.	From or To—	Subject.
448575	10:4	To Cdt Puget Sound	Authorizes 1400.00 covering work and material for establishment of station Cape Arago, Oregon. (T) Recommends 25' signal motor which boat be furnished to Cape Arago. 12/31 Fwd C&R. 1-2 RB 1/15 Aug 3d (T) Request instrns. 1/12 Pg 3d - Fwds copy of letter from Coos & Curry Co. in conn with. 3/4
449532	10:4	Dept of Commerce	Auth construc and bldg of quarters at radio compass station and light house reservation at Point Montara and Farallone Isl W To Mare Isl-Regst infer on water supply. 10:14 Mare Island 10/25
449708	10:2	Pg Sd	Semi monthly report on progress of compass station at Port Stephen and Ozett Isl. W To Naval Com-Report on radio compass station Pacific Coast. 10:8
449744	10:4 10:7	1st Dist Com	Quarterly inspec report of North Truro Sta. fwd Commn 10/9
449946	10:8	Dept	Auth estab of radio compass station in the vicinity of Port Angeles, Wash. To Pg Sd-Auth estab of radio comp sta. 10:11

DIRECTION FINDERS' STATIONS.

Number.	Date.	From or To--	Subject.	
447528	9:21	NY	Radio compass station Rockaway Beach, quarterly inspection report. W	
446813	9/23	To Norfolk(T)	Operations advises destroyer CONNOR ordered report Oct 5th Dist for duty connect calibration radio compass stations period. Arrange with dist Oct re orders to CONNOR W on to 5th Dist	
SN 12479-1253	9/24	To Secretary War	Authority request establishment radio compass station Admiralty Head Pt. Casey, Washn., W	
446887	9/22	Destr Squad 3 Copy	Vessel ordered Norfolk in connection with calibrating radio station - W	580-3
447118	9/26	To Key West	Req survey of site St. Augustine be made	
TO CARD	9/26	Key West. Encls sketch with estimation of St. Augustine radio Compass Station W 10/25.	subm. report with recommendations. Key West 10:4 To Cdt K. W. 1/30/20	
#44	9/26	Key West. Red printed map of proposed location Jupiter Sta. 11/18	To Key West-Radio station St. Augustine. 10:10 To K W. relocation of station in vicinity Jupiter Inlet Rd instead of St. Augustine 10/24	
447123	9/28	To Director Naval Com	Req information if Director of Naval Comm contemplates substituting location at Pt Reyes Cal for auth site Ocean Beach Cal. W	
447104	9/24	To Sec War	Request auth to establish radio compass sta. at Fort Casey.	



Number.	Date.	From or To—	Subject.	
✓ 448354	9;24	Pg 84 317	Fwd spec report on investigation of radio compass site in vicinity of Cape Araga, Oregon.	
✓ 448656	9;26 10;1	3rd Dist Com	Quarterly Inspec report Sandy Hook Sta.	W
✓ 448651	9;29	Boston	Calibration curve for Gloucester.	W
✓ 448839	9;27	Pg 84	Correspondence in con with radio compass station Seaside, Oregon.	W
✓ 448940	10;2	Com	Reqst deficiency of Cape May Comp Sta be restored, bearings are doubtful.	W

DIRECTION FINDERS: STATIONS.

Number.	Date.	From or To—	Subject.
445057	9-16	Charleston	Radio Compass Sta Morris Isl. Quarterly Inspec. W
5 445649	9/18	To Puget Sound	Relocation of Tatoosh Island station as submitted by Pacific Coast Radio Material Officer's report considered satisfactory. W Authorizes material to be withdrawn from Puget Sound for use station W To 120 blags and other work required for 9/19 Puget Sound. Supm list of material to be drawn from stock. 12/1 To Puget Sound- 12/10
440821	From Card 30		Charleston-Acklgs receipt of drawings. 8;29 Ph-Tel-Reast action. 9;2
445653	9;24	TO Sec Commerce	Reqt auth to estab radio comp sta on lighthouse reservation at Slip Point and Smith Isl. W Dept Com- Grants auth. 10;20

DIR NEW FIELDS: STATIONS

Number.	Date.	From or To—	Subject.
445905	9/19	To Secretary Commerce	Authority request establish radio compass stations on Lighthouse Reservations Pt. Fermin, S. San Pedro, Calif. Pt. Lauenoma, Cal and Pt. Co. cent in Cal. Dept. Commerce 9:26 Dept. Commerce—Grants authority. 10/28 W
446385	9/20	To S&A	Request shipment from Norfolk to Puget Sound eight type A 3/4 KW 32 volt gas engine driven battery charging units. W RB 12/17
446699	9/20	Operations Co. y	Directs use USE HONOLULU or HONOLULU co- 580-8 sent to work for temporary duty in connection with calibration of radio compass stations - A
445910	9/22	To Cdt Mare Island	Request take up with Santa Catalina Is. Co. Avalon, re purchase of site for station at Avalon Calif. W MI-Fwds correspondence with reas. 10:27 to MI- re to establishment of 11/5
447253	9:23	NY	Radio compass station Sandy Hook, fws quarterly inspec report.
447250	9:23	NY	Radio station Fire Isl, fws quarterly inspec report.
447104	On Card 36		

DIRECTION FINDER STATIONS

Number.	Date.	From or To--	Subject.	
44 277	9/10	To Coast Guard	Authority must remove tower replacing same with wooden mast, Ocean Park Wash.	
445041	see card 39			
444841	9-8	Charleston	Compass Sta North Island Georgetown- Quarterly inspection.	W
✓ 444856	9-4	Mare Island	Fwds photostats radio compass stations Point Conception, Pt. Buena Vista, Pt. Fernum.	W
444981	9/12	To Coast Guard	Fwds print of Ocean Park Reservation-W	
444288	9/12	To Puget Sound	Establishment of station Gattle Point- San Juan Is Wash. sum of 50.00 authorized W To Van re constructions of bldg 9/12	
✓ 444280	9-13	*o Norf	Radio Compass Station Cape Lookout- Fwds two copies of error curve and two copies of error sheet. W	

Number.	Date.	From or To—	Subject.	
445392	9-12	New York	Compass Station Monteloking- Quarterly inspection.	W
445460	8-29 9-12	1st Dist. Communications.	Radio compass station Watch Hill- Quarterly inspection. fwd Com 11/10 fwd Com 11/10	W
444985	9-13	To Pug Sd	Radio Tel- Radio compass station New Dungeness. fwd copy of letter to Y&D re establishment of. copy to Radio Material Officer, Pug Sd- To Y&D- Gives detail comment on construction of station and fws prints. copy to Radio material officer and Comdt Pug Sd. 9-13 Pug Sd 10/21 To Cdt Pug Sd 10/28	
445861	8-30 9-15	USS CHICAGO Hydrographic Office	Report of Bd on test of Radio Compass Sta.	W
445015	9-10	Mare Isl	Radio Compass Sta Pt. Conception- Submits print of available site. to Al-req temp install be made Pt. Arguella 9/27	W

Number.	Date.	From or To—	Subject.	
444369	9/8	Atl Flt Co y	Detailed for duty calibrating radio compass stations - ~~AW~~	580-8
444210	9-5	Boston	Radio Compass Station Otter Cliffs- Fwds quarterly inspection report.	W
444488	9-6	Navigation	Recomends instruct compass stations to transmit on 750 and receive on 450 meter wave lengths. ~~Q~~ ~~To Command- P q taken up with Dept Commerce~~ 9/16 Pg 3d-Submits estimate. 10;10	W
444404	8-30	Mare Isl	Radio Compass Station 12th Dist- Reports on locations of- Fwds photos.	W
444513	9-8	Boston	WATCH HILL compass station- Fwds quarterly inspection report.	W

Number.	Date.	From or To—	Subject.	
444610	9-8	Boston	HUMAROCK FOURTH CLIFF Radio Station- Fwds quarterly inspection report.	W
444715	9-8	Mare Island	Fwds copy of letter from Jos Ferguson re securing site for radio compass station at Balboa, Calif.	W
444269	9/10	To Puget Sound	Req estimate of funds required for installing radio compass apparatus for Coast Guard Station on 309- Ocean Park Washington Pg 8d-Submits estimate 10;10	W
444271	9/10	To Y&D	Req work as authorized be started, reporting progress semi-monthly, allotment of 2400 Fort Stevens Oregon. W	
444275	9/10	To Puget Sound	Req fwd estimate of funds required for establishment of station Ft. Stevens W Pg 8d-Submits estimate 10;10 To act Puget Sound- allot auth 10/23	
444276	9/10	To Puget Sound Pg 8d-Fwds prints 9;25	Req survey be made of Coast Guard reservation with view of locating site for site of bldg, Ocean Park, Wash. W	
444925	9-10	CGR	Coast Grd-Grants auth to const bldg at Ocean Pk. 9;20 Letter to act station master sailing home to compass station, Mare Island, to replace meter very 1918, damaged by fire y	611-2

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DIRECTION FINDER STATIONS.

Number.	Date.	From or To--	Subject.	
443082	8;30	Boston	Conf tel conv regarding naval radio station at Gloucester.	
✓ 442175	9-15	War Dept	Grants auth to install radio compass Sta Bird Island. To Y&D- establishment of station Bird Is- reqst construct bldg etc. 9/25	W
442992	8;28	1st Dist	Watch Hill and Surfside being closed, turned over to Coast Grd until operators available. W	
442177	8/29	To Y&D	Authority granted to construct bldg for Radio station Ozette Island, Washn. W	
442178	8/29	To Puget Sound	Instructions in re to establishment of sta at Ozette Island Washn. W	
✓ 443363	8;28	War Dept	Auth instal at Fort Stephens reservation. To Puget Sound- asks report and recs 9/5 Puget Sound 9-11	W

DIRECTION FINDER STATIONS

Number.	Date.	From or To—	Subject.	
442179	9/2	To Comdt Puget Sound	Req fwd estimate of funds required to install radio compass apparatus and associated communication power lines. Separate from estimate made by Public Works Officer for station Ozette Island. Pg 8d-Sub estimate 9/20 To Puget Sound establishment of station Ozette Island 9/29	W
443472	9-5	Donnell-Zane Co.	Best bidding data for chain of Radio Compass Stations on West Coast. To Donnell-Zane Co. bids will come under cognizance of Cds of yards Pacific Coast 9/8	W
443305	9/3	Boston T	Request travel orders for Lieut W. J. Russell to Newport in connection with calibration of radio compasses. 704	632-1
442774	9/4	To S&A	Req ship from Norfolk to Bar Harbor one gas engine for Otter Cliffs St W	
443204	9/4	To S&A	Req ship from NY to Newport 1 1/2" searchlight for install in Coasters Harbor Island L	
443813	9/4	Norfolk	Gas generating sets at radio compass shore station - casualties to - twis reports and prints; are making new type charging panel W. Cross 88-1.	

DIRECTION FINDER STATIONS:

Number.	Date.	From or To—	Subject.
440779	8:5 8:15	MI 13th Dist	Sub information re transm on power req for compass station. W
440821	8:23	To Norfolk	Trouble experienced at radio compass stations. W
Card 34	To New Orleans—Trouble exp at radio compass stations. 8:25	Phil—Asks if station are in 1st or 4th Dist. 8:28 Tel	To MI—Trouble experienced at radio compass stations. 8:25
	Phil—Takes 3rd req for info re comp coil. W 8:30	To Phila Tel 8:30	To Phila—Trouble experienced at radio compass stations. 8:25
440910	8:16 8:20	5th Dist Com	To Charleston—Trouble experienced at radio compass stations. 8:25 Hqs quarterly inspec report Cape Hatteras Compass Station. To Boston—Trouble exp at radio compass stations. 8:25 Boston 8:28
440806	8/21	To Dept of Commerce	Auth request to locate station at Pt Maitara and Paragon Is. Cal. To Dept Com—Regarding location of radio compass station. 8:22 Dept of Commerce 8-30 States matter is now being considered.
441119	8/10 8/21	Appledore Sta OER	Req 28' motor sailing launch be furnished instead of 21' motor dory Y 611-2
441188	8:13	Norfolk Copy	Tel & Tel Line from Cape Henry to Smith and Hog Isl in commission. W

DIRECTION FINDER STATIONS

Number.	Date.	From or To--	Subject.
✓ Norf SE	194 8/21	To Norf	Req detailed report covering spare parts for gen sets for Shore Radio Comp Stations W
441516	8;16	MI	Reqs instal of radio compass on Santa Cruise Isl be auth. W Mare Island 9-6
441224	8;22	1st Dist	Ice station at Gloucester out of commission due to guth changes. W
441626	8;22	Com	Report of calibration of compass station at Cape Lookout. W
442534	8;22	Fg sd	Fwds prints of light composition for radio compass site at Cattle Point. W

DIRECTION FINDER: STATIONS

Number.	Date.	From or To—	Subject.	
439527	8/15	To Cdt Boston	Desires info as to when curve of errors of radio compass stations for 750 meters wave length will be completed. W	
	NY 10:16 Phila 10:15		To N.O. ditto 8/15 To Ph ditto 8/15 To N.Y. ditto 8/15 To Norf ditto 8/15 To Ches ditto 8/15 New York 8:19 Boston-Sub progress report. 8:22 New Orleans 8:20 Charleston 8:25 Phila 8:30 Submits report	
439061	8/11	Cape May Tel	Rec'd ditto's uncertain. request English Crossley 5:12:30 radio compass. W To Cape May 8/12. W	919
437497	8/6	To C&R	Request 21' motor dory be assigned to radio compass stations at Grand Is., Lurwood L. and Passa Lourte La. asks numbers of boats assigned. Y.	611-2
440029	8:14	Com	Rece investigation be made to determine why pointer on control joint at Cape Cod compass station was placed at an angle of 25°. W	
436733	8/8	C&R	Copy of letter to Norf directing 21' motor boats be furnished radio compass inspectors Grant Island, Lurwood, Pass & Lourte; Y.	611-2

DIRECTION FINDER STATIONS

Number.	Date.	From or To--	Subject.
439024 SEE 28	8/11 CO HANDING 12, 17	CIRCULAR LETTER D-4	Fwds report on test of radio compass stations for consideration persons connected with navigation of vessels. Mariners request fwd results form and comments on operation of stations in clear as well as thick weather. W Insp. Ellis Chalmers- Comments on report of 10/9 To Insp. Ellis Chalmers- acknow comments 10/9 To Hydrographic Office- request copies 7-23 Fwd S&A 7-28
439659	8;14	Com	Reqs in conn with future calibration charges radio station. W To Boston- asks fwd report 8/30 Boston 9-5 Fwds deviation curve for Fourth Cliff. W
440535	8;19	SOL	Rental of premises in town of Maine, fwds copy of agreement. W
440624	8;18	MI	Request Birk Isl Compass Station be sup with plant. W
440605	8/19	CAR	Report on 21' motor dory assigned to radio compass stations Grand Island; Burwood; Pass a Lourte; L. 611-2

DIRECTION FINDER, STATIONS

1919

Number.	Date.	From or To—	Subject.
437611	8/7	To S&A	✓ Req ship from Ph to Montauk Pt voltmeter W RE 10:1
437924	8/8	To S&A	✓ Req ship from Ph to Boston for Demiscove voltmeter W R B 9-8
438896	8:7	Com	Asks when calibration of Shore Radio Comp Station will be completed.
438962	8:5 8:9	3rd Dist Com	Reqst action on instal under gr cable at Montauk Station. W To NY allotment of 1000 8/14 1st Comm 8/14
✓ 439169	8:2 8:7	MI 12th Dist	Radio compass station Coast Grd 320. fwd print of proposed site. W

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Number.	Date.	From or To--	Subject.
✓ 439153	8:9	NY	Test lab at NY asks for facilities for continuance of work on dyscrasite app. Cross to 635-11.
✓ 439165	8:7	12th Dist	Fwds detailed report on radio compass station Barrallon Isl., Point Reyes, Point Bonita and Point Montara. W
✓ 439166	8:1 8:7	MI 12th Dist	Fwds print of proposed site for radio compass station Barrallon Isl and Point Montara. W
✓ 439160	8:12	Cape May Tel	Sug use larger antennas at Washington Yrd, no sigs received. W
✓ 439024	8/13	To Operations Via Mar	Approval of May and Opr req on issuing reports and circ letter test of radio comp stations W Operation-Approved 8:18

SEP 29

DIRECTION FINER STATIONS:

Number.	Date.	From or To—	Subject.
438429	7:28 8:7	4th Dist Com	Quarterly report Bethoney Beach Compass Station.
438517	8:8	Norfolk Copy	Smith Isl out since 7:30. spare parts not available at Delco Agency. W
437597	8/6	To S&A	✓ Req shipment from Phila to Norfolk one portable Weston voltmeter W RB 8:26
437598	8/6	To S&A	✓ Req shipment from Phila to Cape Henlopen Weston voltmeter W RB 9:2
437599	8/6	To S&A	✓ Req shipment from Ph to Charleston voltmeter W
437922	8/8	To S&A	✓ Reqst shipment from Ph to Brentons Neck Coast Guard Station 53 Newport Weston voltmeter W

DIRECTION FINDER STATIONS

Number.	Date.	From or To—	Subject.
437923	8/8	To S&A	Reqst shipment from Phila to Boston for installn Ampledore, one voltmeter W RB-1:28
437602	8/7	To S&A	Req ship from Ph to Charleston one portable West on voltmeter W R B 9-10
438582	8:2 8:8	Notes Com	Reqs radio compass station be instal at Jupiter Inlet. W
437606	8/7	To S&A	Req ship from Ph to Gloucester for CG 22 voltmeter W
437607	8/7	To S&A	Req ship from Ph to Boston for Deer Is one voltmeter W
437608	8/7	To S&A	Req ship from Ph to Fourth District, Sta 21 one voltmeter W
437609	8/7	To S&A	Req ship from Ph to Rockaway Beach one port voltmeter W
437610	8/7	To S&A	Req ship from Ph to Bay Shore Fire Island voltmeter R B 2-15

DIRECTION FINDER STATIONS

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Number.	Date.	From or To—	Subject.
437213	8/6	To Bureau of Commerce	Auth request to install radio compass station on Lighthouse Reservations at Tatoosh Is., New Dungeness, and Cattle Point Wash. W Dept Commerce 9-8 Auth.
439219	8/6	To S&A	Req shipmt from Phila to Mantoloking one portable Weston Voltmeter W Communications 8/22.
437221	8/6	To S&A	Req ship from Phila to Sandy Hook, one Weston Voltmeter W TO S&A-Regst shipmt from N J to Phila of one voltmeter. 8:28 NY - Fwds correspondence 10:21 TO S&A- Fwd 10:27 To S&A Canc of ship reqst 8/28 10 29
437596	8/6	To S&A	Req ship from Phila to Cape May, one Weston Voltmeter W R B 9-8
437825	8:1	Pg 8d	Fwds print of Fort Stephens radio compass station W To Secty War Auth req to instal radio compass station on Mil Reserv Ft Stevens 8/13
437824	8:1	Pg 8d	Fwds prints of Ocean Park Compass Station. W

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Number.	Date.	From or To—	Subject.
438419	7:29 8:7	Cape May Com	Quarterly inspec report Cape Henlopen.
438429	7:15 8:7	1st Dist Com	Quarterly inspec report Coast Grd Station #46.
438430	7:17 8:7	1st Dist Com	Quarterly inspec report Watch Hill Compass Station. W To Boston authorized 9/4
438443	8:7	Boston	Quarterly inspec report Compass Station, Nantucket W

DIRECTION FINDERS: STATIONS:

Number.	Date.	From or To--	Subject.
436106	7:27	Boston	Sub quarterly inspec report of Prices Neck Compass Station. W
436368	7:30	Y&D	Reqt allotment of \$81.84 be made to cov exp on construc of quarters for operating personnel at Moria Isl. Compass Station. To Y&D- allotment of \$1.84 8/5 Y&D 9-2 Have ret'd balance of \$81.
436226	7:25	New Orleans	Report of status of compass station at Grand Isl. Burwood and Pass a Louvre. W MO- Reqt action 9:22 To MO- auth allotment 10/1 To MO- sub detailed report 10/1 New Orleans- Progress report 10:10 New Orleans- Reqt for addtl allotment. 10/24 To N.O. 1400 authorized 11/4
436609	7:27 8:31	New Orleans Y&D	Burwood Compass Station, cost of station will be 5,150 instead of 3,000 as auth by SE W I wd Y&D 8/2

Number.	Date.	From or To—	Subject.
437087	8:2	Boston	Ends calibration curves for stations listed. W
437037	7:28	13th Dist	Room re quarters at Radio Station 13th Dist W To 13th Dist - recommendations re quarters for personnel 8/20
437647	8:4	Boston	Quarterly inspec report of North Truro Station. W
437205	8/5	To Comdt Mare Island	Desires all reports and sketches of proposed radio compass stations be submitted in triplicate MI-Report on radio compass location 13th Dist. 8/18 MI-Reports on radio compass station. 8:22
437206	8/5	To Comdt Puget Sound	Desires all reports and sketches of proposed radio compass stations be sub in triplicate Pg Sd 8:20

DIRECTION WINDER: STATIONS.

Number.	Date.	From or To--	Subject.
✓ 434015	7:14	NI	Reqst permission be obtained from Dept of Agri. to erect radio compass station, on Oahu Isl.
✓ 434116	7:18	J L Burnard Jr 4-4	Reqst chart showing original radio compass experiments. to J. L. Burnard- fnds copies of charts test by CHICAGO 8/5
✓ 434117	7:18	NO	Reqst motor batteries, Grand Isl, Burwood and Pass-A-Loutre. Gross to 611-2 W
✓ 434674	7:17	Pacific Coast Radio Material Office.	Copy of letter to Com Super Frisco, reqst rep accompany part to locate radio compass at 12th dist. W

DIRECTION FINDER : STATIONS

Number.	Date.	From or To--	Subject.
434731	7/25 Cutting & Washington 5/4 To Cutting & Washington 3/6	To Firms Washington 5/4	Fwds info re calibration of radio compass stations W Cutting & Washington 7:28 Independent Wireless Isl Co. 7:28 To C&W will recommend wave length at conven 8/7 Marconi C - 8:27
434730	7/26	To Shipping Board	Sec of Navy has established wave length of 750 meters for all compass work. SE is having all stations calibrated for this wave length. W Ship Brd Request instal new radio equip on ship brd vessels. W 7:31 To Shipping Board provision will be made for 750 meter wave length on Ship Board vessels 8/14 Shipping Bd 9-16 States no immediate steps will be taken to provide transmission on 750 meters. W
435623	7:19	Pacific Coast Radio Material officer	Fwds prints showing proposed location of radio station at Port Stephens, Ore.
435158	7/28 Norf-Fwds vandyke and print cov calibration of Cape Hatteras Comp Station. 11/11 To C&W INDICPCS- Outlines proceed to Phila- Fwds report on improvement calibration of radio compass sta 4th Dist. 12/24 1st Dist- East Destry be assigned for calibration.	To N.Y. Norf-Fwds vandyke and print cov calibration of Cape Hatteras Comp Station. 11/11 To C&W INDICPCS- Outlines proceed to Phila- Fwds report on improvement calibration of radio compass sta 4th Dist. 12/24 1st Dist- East Destry be assigned for calibration.	Sec of Navy establishing wave length of 750 meters for all radio compass work. req stations 3rd Dist be calibrated W To Boston ditto 7/28 To Ches 7/29 To Norf ditto 7/29 To No ditto 7/29 Norf-Fwds corrected calibration sheets 10:8 Norf-Fwds table of radio compass calibration at Smith Island. 7/7
435404	7:19	Pacific Coast Material Officer	Radio compass station at Dungeness, Cattlepoint and Lagoon Isl. Fwds prints.
435152	8:23	Phila	Fwds report of test of system employing visual observation of obtaining radio comp readings. W

DIRECTION FINDER STATIONS:

Number.	Date.	From or To—	Subject.
✓ 433127	7:15	Com	Quarterly inspec report Cape Henry Comp Station. W
432945	7:16	Hampton Roads Tel	Asks what arrangements have been made for destroyer calibration Cape Look-out Comp Station. W
433452	7:16	1st Dist	Conf tel conv in com with calibration of radio compass at Cape lookout and have destroyer force available for. W Destroyer force - Alvin designated. W 7:17
433458	7:9	1st Dist	Fwds log radio compass station Gloucester quarter ending June 30th. W

DIRECTION FINDER STATIONS

Number.	Date.	From or To-	Subject.
432753	7/17	To Comdt Phila	Request report be furnished giving comparative accuracy for direction finding of spark and continuous wave transmission W
433150	7/17	To Comdt Phila	Request experiments be made with screen mounted above radio compass coil, ascertain the value for sharpening minimum of incoming signals and obviate variable error due to static screen being stationary W Phila-8:5
432937	7/15	NY	Quarterly inspection report Fire Isl Com- 812 pass Station. W.
433162	7/19	To Comdt Phila	Request representative be designated to accompany rep of Bureau of Standards to Cape May to make tests W Phila-Fwds prints showing test. 8:25
434024	7:19	Boston	Fwds various drawings of Daniscove Isl Radio Comp Station.

DIRECTION FINDER STATIONS

Number.	Date.	From or To	Subject.
433866	7/10	To Comit Phila	Acknow receipt of 50 copies of radio compass bulletin No 1. W Phila 12/20
431380	7/11	To S&A	Regst shipt from Norf to Boston one Delco battery charging unit W RB 9-13 To S&A came of 8/27 Boston 9-4 Returns yellow copy To Boston- Advises arranging for purchase of five units for station Appledore 9/16
431996	7/12	To Secretary	Regst auth to lease land at \$200.00 per year at Appledore Is. for station W RB 7,17
432640	7/15	To Comit Boston	Allotment of \$175.00 to Coast Guard for sumplexing telephone line between station and North Truro W
432541	7/15	To CG	Regst simplex phone line Radio Station Comp sta am North Truro W sum of 175 allotted. Coast Grd 7:16 Coast Guard 5/8 Fwd S&A 3/16
432448	7:7	MI	Location of radio compass shore station, sub report cov. W
432998	7:15	Popular Science Monthly	Desires to use illustration for radio compass bulletin #1 article on radio compass station. W To no objectio to publ 7/17

Number.	Date.	From or To--	Subject.	
/ 432691	None	Boston	Sub comments and recs for radio shore station instal.	W
/ 432692	None	Boston	Frds special report on calibration of Ottercliff Radio Compass Station. W	
/ 432834	7:12	Dept	W O smth purchase of site for radio comp station Grand Isl. La.	W
432941	7:9 7:15	1st Dist Com	Quarterly inspec report Princes Neck Radio Station. W	
432942	7:9 7:15	6th Dist Com	Moris Isl Compass Station, reqst construe tel cam between Charleston. fwd Chasn 7/15	

DIRECTION FINDER STATION:

Number.	Date.	From or To—	Subject.
✓ 430494	7/7	To Mare Island	Tel; advise reqstd progress re selection proposed radio compass station sites P S. Period impr locations be completed without delay W To Pug Sd(T) - Expedite information proposed compass station sites Pug Sd. 7-15 Pg Sd-Tel 7:18
430911	8:14	5th Dist	Sub outline of com facilities. W
431037	7:7	Pg Sd	Sub report of location of various radio comp stations also final estimate. Tel W To Puget Sound reqst fwd data 7/9 To PS info reqst letter of 7/9 urgent 7/24 To Puget Sound 7/24 Pacific Coast Superintendent, Sub report on radio compass station on Pacific Coast. 7:19 Pg Sd-Reports fwd. 7:28
✓ 431079	7:1	Moris Isl Station	Radio log quarter ending 30th. W
431414	7:8	Dep't	Auth erect radio compass station listed on Juan de Fuca and P. Sd. W To Comdt Puget Sound req survey be made 7/15 Pacific Coast Material Officer - 8:8 Pg Sd-Rep left to inspec site. 8:8 Pg Sd-fwds prints- 8:19 Reqst ship be made from Washington to Mare Island. radio equipment W To MI equip should be held in stock until locations selected approved by Bd 7/14
430503	7/9	To SEA	Req ship be made from Wash to Puget S radio telegraph material W RB 8:14 To Puget S hold in stock until approv by Bd 7/14
430504	7/9	To SEA	

DIRECTION FINDER STATIONS

Number.	Date.	From or To—	Subject.
430505	7/9	To S&A	✓ Req ship from Phila to Mare Island 11 radio compass coils W H B 3/20 Phila 9-13
430506	7/9	To S&A	✓ Req ship from Phila to Puget Sound 8 radio compass coils W Png. Sd. 2/19 and Cat Phila 2/28 RB 3/31 W.
430515	7/9	To N.Y.	Re shipment of one complete SE 995 radio comp equipment for install on board USS COLUMBIA request be given prompt attention W
✓430991 CARD 20	7/9	To Norfolk	Request sketch and estimates for removal of station Cape Henry to another location W Norf. Sd's calibration results of Cape Henry. Station. 10/23 W
431090	7/9	To S&A	✓ Request ship be made from Washington to Newport, radio receiver W RB 7:30
431091	7/9	To S&A	✓ Req ship from Phila to Newport radio compa coil W RB 7:30

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DEPARTMENT OF THE NAVY

Number.	Date.	From or To-	Subject.	
✓ 429844	7:1	1st Dist	Sub report of inspec of Hog Isl Radio Sta. fwd Comm 7/3 RB 7:16	W
✓ 429843	7:1	5th Dist	Sub report of inspec of Smith Isl Radio station. fwd Comm 7/7	W
✓ 423679	6/28	To Mare Island Tel:	17327.25,000.00 auth for radio compass material 12th naval dist. W	
✓ 429388	7/2	To S&A	Req shipt from Washington to Chatham one radio receiving equipment W	
✓ 429945	7/3	To Norfolk	Info reqst date of compl of stations 190 Cape Lookout, req sub weekly report covering installn W co to Rad Off Norfolk	
✓ 429895	7:7	Boston To Dept. Auth rected to lease land at Fourth Cliff Cape Cod Mass. 8-19 To Dept. ask OG arrange purchase of land 8/20	will re open negotiations. Boston Tel-List ants for which owners will lease property compass stations Fourth-cliff. W To Dept 8:19 RB 9:22	W

DIRECTION FINDER STATIONS

Number.	Date.	From or To -	Subject.
429387	7/2	To S & A	Request ship be made from Phila to Boston one radio compass coil W
429589	7/7	To Comdt 1st Dist	Info request re development work completed and any comparative data obtained from exper with in Conn W Bellini-Tosi system of direction finding. W cc to Boston RB 7/18
430493	7/7	To Comdt MI	Info request when data on proposed location of radio compass stations at Puget Sound may be expected. W
430494	7/10	MI Tel	(Old Number)
430827	7/5	NO	Request Genl Gas Elec Co be adv that no guarantee certif of instruo books were rec with outfit, Sunwood Comp Station. W fwd Norf 7/11 RB 7/28
430829	7/5	NO	To Gen Gas Elec Co- asks what action taken non receipt of instruo booklets etc at Norf 8/18 Request Genl Gas Elec Co be adv that no guarantee certif of instruo books were rec with outfit, Passe a lantre W fwd Norf 7/11
430991	7/5	5th Dist SEE CARD 21	Sub inspec report cov Cape Henry Compass Station. to Norfolk reqs full report be subm 10/9 W
431018	7/5	5th Dist	Quarter inspec report Cape Hatteras Radio Sta.

TRANSMISSION RECORD: TRANSMISSION:

Number.	Date.	From or To—	Subject.
429101	6:27 6:37	3rd Dist Com	Fwd report of test made at Montauk Com Sta cost 1,600 be appropriated cov placing of tel circuit. To NY- sum of 430 allotted covering cost 7/3
426195	6:27	Newport Com. Sta	Reqt station be furnished with chart of all Coast from Boston to NY. Fwd Comma 7/3
429252	6:27	Boston To S&A Comdt Bos has been req to enter into nego with owner rel to obtaining lease 7/21 Boston-Fwds prints for Chatham 9:19	Fwds reqt cov cert in land sites on Nantuxet Isl. spec 11/10/19 Boston - Comments on proposed location 7:11 Com - Sub report of visit of officer of Com in regard to proposed radio compass station at Chatham. 7:11
428752	6/28	To Comdt Boston To Boston- asks fwd estimates 8/21 To Boston- req fwd copies of prints 9/15 To Boston- req test be made 9/26	Reqt representative from Boston be designated to meet rep from office Commun at yard 8/7 to proceed to Chatham selection of site for station W To Boston- estimate reqt 7/17 Boston-Fwds prints with recs. 8:26
428753	6/28	To Communications	Reqt info if can have officer from office in Boston 7/7 for purpose of selecting site for station Chatham. W

DIRECTION FINDERS: STATIONS

Number.	Date.	From or To--	Subject.
429216	6/30	To Y&D	Allotment of \$1,176.66 made to cover over expenditures made at station Demiscove Is. W. To Y&D allotment of \$1,192.74 made covering over expd station Cross Is. 6/30 To Y&D allotment of \$37.63 mde Appledore 6/30
429216	6/28	Y&D	Reqst allotment cov over expenditures 919 at Cross Isl. Demiscove Isl. and Appledore Isl. W.
421833	7/1	To Coast Guard	Sum of \$400.00 allotted covering cost of telephone extension run underground in cable between Burwood station and and radio compass station being established at this place. W Coast Guard- Request transfer \$400 to appropriation, Coast Guard. 4/13 W. To S&A- reqst. transfer to appropriation C.G. 1920 4916
429589	6:28	1st Dist	Quarterly Inspec report of Gloucester Radio Station. Boston- fwd. prints and reports on exp work Venia fast kystem radio compass. No date.
429895	7:2	Boston	Tel Re st special allotment \$600 cov work at radio compass station Plumrock. To Boston- asks fwd info re rental of cottage 7/3 cc to Boston

DISPATCH SLIPER STATIONS:

Number.	Date.	From or To--	Subject.	
428304	6:16 6:24	3rd Dist Com	Quarterly inspec report Watch Hill radio Comp station.	W
428335	6:25	Charleston Tel	Transm system Georgetown Radio Station placed in commission. To Commun- station Georgetown placed in operation 6/25th 7/2	W
428356	6:21	Charleston	Quarterly inspec report Morris Isl Comp Station.	W
TO CARD 47	Chasn- Request addtl allotment \$ 300. for Morris Island Comp Sta. 3/4. Status allotments, North Isl. Morris Isl, recommends increase for 3/29		To 5th Dist- auth 100.00 for purchase of 7 steel clothes lockers 7/8 To Cdt Charleston 3/15/20	
428568	6:20 6:25	1st Dist Com	Quarterly inspec report Damiscove Isl Sta.	W
428618	6:25	Boston	Fwd's agreement of W A Tapley cov purchase of site now occupied by Humarook Comp Sta.	W

Number.	Date.	From or To--	Subject.	
428857	6:20 6:26	1st Dist Com	Quarterly inspec report, Cross Isl Comp Sta.	W
428858	6:22 6:26	3rd Dist Com	Radio compa station at Rockaway, recs for transfer to Long Beach. fwd NY via Commn, 7/10	W
428867	6:26	Y&D	Recd additional allotment be made cov construct of living quarters for personnel Morris Isl Station. To Y&D-addtl sum of \$300 allotted covering cost of quarters station Morris Is. 6/28 fwd Y&D sum of 275.00 allotted 7/14 Req shpp from Chan to New Orleans for Grand Is Stations, steel tub masts NO-asks if have plans showing tub masts. To NO fwd copy of erection details 7/19 New Orln. Recommends another type of charging equipt be furnished. 11/16	W EB 8:8 7:10
427660	6/24	To S&A To N.Y. charging unit for G. Island Is. 11/25 R B 11-29 To N.O. auth charg unit for 12/4 New Orln. Request expedite shipment. 12/9		
433866	6/25	To Phila	Fwd copies of bulletin radio compass	W
425662	6/26	To Boston	Material shipt to Boston BL 41478 5/13 station Fourth Cliff W cc to Boston	

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Number.	Date.	From or To--	Subject.
422097	6-21	To HQ	Additional allotment of 250.00 made covering equipment for dormitory station Grand Is.
427390	6-21	To Comdt Mare Is MI Tel-ec decision as to location radio compass calibration. 7:4 To MI Tel 7/7 Mare Island 12/18 Fwd correspondence Fwd Dept. 12-29	Suggest San Diego be selected as most advantageous point rel to Calif. th. of radio compass on destroyers on Pacific Coast. W MI Tel-ec San Diego 2/7 12/18 To Operations- regst San Pablo Bay be design as locality in which these calibrations are made and instruc issued to destroyers placed com to report to MI for callb 7/3 Com-Sub bearings on radio comp operation rec by US 12/18 6:20 Com- BIDDLE 6:26 Com-Frederick 6:30
418208	From	Card B	
427634	6:20	MI	Regst audition B bat be sup comp sta Pass A Intre. To HQ- will supply radio compass W stations in 8th Dist with storage batteries as soon obtainable at present drawn from store dry cells to accommodate needs 6/30

Number.	Date.	From or To—	Subject.	
427676	6:20	N I	Reqst audion bat be sup to Grand Isl Comp station.	
427600	7:21	N O	Reqst furnishing charging equip.	
427718	5:20	Boston	Sub data with prints on radio comp station Damiscove.	
427697	5:19	1st Dist	Sub cable for Compass station, fwd Commn Supt 7/3	
427696	5:20	N O	Reqst audion B bat be sup for Burrwood radio comp station.	W
422090	6/24	To Comdt Boston	Suggestions that runway to be erected at station Cross is be held in abeyance encouraged in by Bureau- req after erection report be fwded W(see 420672)	
428288	6/5 6/24	8th Dist Com	Quarterly inspec report of Burrwood Radio Sta. W.	793-5

DIRECTION FINDER STATIONS:

Number.	Date.	From or To--	Subject.	
✓ 425660	6:13	Boston	Appledore Isl-Report on. To Comd Boston- auth granted purchase Appledore station enclosure 6/24 To Comd Boston- reqst negotiations be made for lease for stations Appledore 7/12	W
✓ 425669	6:11 6:16	4th Dist Phila	Reqs spare gen be furnished Bethany Beach Comp Station. To Phila- auth given for using gas eng gen being replace at Cape Helopen as spare for station Bethany Beach 6/30 of Dept Isl reservation.	W
425497	6:26	Boston		
✓ 425907	6:16	NY	Fwds calibration curve of Rockaway Comp Sta.	
✓ 425275	6:17	Boston	Oil stoves to be used for heating purposes In shore compass stations. To Boston- rel to station, of 6-20	W
✓ 421830	6-17	To New Orleans	Fwds report on location of radio compass station Burrwood Ia. W	
✓ 421881	5-17	To YED	Reqst erect house for radio compass, Burrwood. W	
✓ 424939	6-16	To Coast Guard	Reqst lay submarine cable between Cape Henlopen Del and Cape May. W	

Fed Tel Co-Weekly report

DIRECTION FINDER STATIONS

Number.	Date.	From or To--	Subject.
✓ 421882	6-17	To New Orleans	Allotment of \$200.00 made station Burrwood La. W
✓ 421884	6-17	To New Orleans	Reqt. notify upon completion so as to detail engineer to Burrwood. W
✓ 421885	6-17	To New Orleans	Reqt. approved in advance for equipment for station Burrwood La. W
✓ 421886	6-17	To New Orleans	Sum of \$600.00 allotted for maintenance station Burrwood. W
✓ 425486	6-17	To Comdt Mare Is	Fwds copies of pamphlets on location of radio compass stations. W
✓ 427165	6:13 6:19	Tropical Radio Tel Co Com	Control shore radio comp station from Burrwood Station, in con with. W

DIRECTION FINDER STATIONS

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Number.	Date.	From or To—	Subject.	
✓ 423866	6-11	TO Phila	Best ten copies of radio compass instructions to be filed. W Phila. Aids descrip and instrnc for operation and calibration of radio comp. Ph-Aids copy of radio compass bulletin #1.	6:18 5:30
✓ 423883	6-11	To Boston	Rel to changes in installn station Surfside, Connecticut. W	
✓ 424332	6-11	To New Orleans	Allowance, tools for stations in 5th Dist. W	
✓ 424960	6-10	Boston	Aids memorandum from Ensign S W Dean in con with repairs and alterations nec to Gloucester Comp Sta.	W
		To Boston (T) \$125. authorized 8/26	To Boston—sum of 300:00 allotted 7/8	
		To Boston—auth work 9/8	Boston-Quarterly inspec report Coast Grd Sta.	8:23
		Boston-Quarterly inspec report	Boston 8:22	
		Gloucester Sta. Oct.	Boston-Reqst additional allotment.	8:26
✓ 422101	6-10	To New Orleans	Rel to instal of app station Grand Is.	W
424558	6/10	C&R	Copy of letter to Charleston auth issue 24th Motor dory 7581 to North Isl. Comp Sta.	611-2 Y

Number.	Date.	From or To--	Subject.	
424553	6-10	C&R	Copy of letter to Boston auth issue 24" motor boat to Cross Island Comp Sta.	611-2 Y
424787	6/9	Post	Defective installation of radio compass on- report covering ---	126-3-6
✓ 425111	6-12	Coast Grd	Coast Grd pole line between Point Lookout and Long Beach, sub estimate cov, reqst allotment.	W
424367	6-12	To Y&D	Sum of 200.00 allotted covering cost of addtl work station Georgetown Lighthouse W	
423882	6-13	To Y&D	Reqst house be provided for purpose of sheltering a s engine charging unit Surfside Nantucket Mass. W	
✓ 425332	6-10	New Ori	Rec radio compass stations be equipt w Edison "B" battery. To R O- So have been issued to su ply stations with batteries 3-17	W
424939	6-19 Fwd SEA. 12-12	Coast Grd	Reqst Y&D furnish rec labor. To CC- sum of \$200.00 allotted 7/14 Coast Guard- Rqst 3375. be transferred to appropriation, Coast Guard, 1920. 12/4	W

DIRECTION FINDER: STATIONS

Number.	Date.	From or To--	Subject.	
423093	6-6	To Comdt Phila	Reest for drawing numbers W Phila-Gives drawings number 6:11 To Phila-rel type no of receiver used with model T radio compass 7/5	
423094	6-6	To Coast Guard	Permission granted to quarter navy personnel on second floor of C. G. bldg.. sum of 1000.00 allotted covering B.R.T.T.L Bay Coast Guard 5/12- No objection	
423679 see 20		To CG addtl allotment made 10/25 and Island		
423492	6-6	To Comdt Boston	Instructions rel to instal in of radio compass Damasco Is. W	
422364	5/31	C&R	Copy letter to Boston in connection with 21' motor dory for CROSS Island Compass Station.	611-2
424099	5-7	C&R	21' motor dory 9593 assigned to Appledore Compass Station Y	611-2
424098	5-7	C&R	Copy letter to Boston author assignment of 21' motor dory 7708 to Damasco Is Station Y	611-2
423497	6-7	To Comdt Boston	Rel to relocation of radio compass station Deer Is. req print be prepared and fwd denoting exact site. W	
423330	8:25	Boston	Avds plans of proposed compass house coast grd station #53 To East Is. rel to correction use of sheet and chart 11/25	

Number.	Date.	From or To—	Subject.	
424367	6-10	Y&D	Radio corp originally allotment insuf, reqst additional.	WR
421342	6-10	To New Orleans	Reqst approved for supplies station Pa a Loutra Is. W	
422096	6-10	To New Orleans	Reqst notificati n upon completion so as to detail engr to station W	
422097	6-10	To New Orleans	Reqst approved for equipment Grand Is. W NO-Reqst additional allotment 6:19	Tel
422098	6-10	To New Orleans	Twis report on location station Grand Is Coast Guard 214- W	
422099	6-10	To Y&D	Reqst construction of compass house station Grand Island. W	
422100	6-10	To New Orleans	Sum of \$600.00 allotted for maintenance of station Grand Island. W	

Number.	Date.	From or To—	Subject.	
421159	5-31	To Navgn (Hydrograph)	Request US&GS charts 1109 to 1111 inc. be inscribed to denote radio compass stations along Atlantic coast, exact location and charts be furnished by rep of this Bureau. necessary to facil test by cruiser OHIO-40. May 26th, confirmation of work actually accomplished. W	
422375	5/31	C&R	Cpy letter to Boston in connection with 21 st motor dory DANESBORO Island Compass Station Y.	611-2
422374	5/31	C&R	Cpy letter to Boston in connection with 21 st motor dory for APPLEDORF Island Compass Station Y.	611-2
422118	6-2	Ship Ord Fwd	Received back 6:17	

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DIRECTION FINDER STATIONS

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Number.	Date.	From or To—	Subject.	
✓ 421344	6-5	To New Orleans	Final report on location of radio compass station Pass a Loutre, La. W	
422774	see card 31			
✓ 423092	6-5	To New Orleans	Summary of correspondence on establishment of station Pass a Loutre Lighthouse. W	
✓ 422962	5:26 6:2	1st Dist Boston	Reqs that small tool shed be erected. To Y&D 6:30 RB 7:3 fwd Y&D 7/7	
423554	5:26 6:5	1st Dist Com	Quarterly inspec report of Appledoor Isl Comp Sta. fwd Y&D 6/30	
✓ 423607	5:27 6:2	3rd Dist NY	Quarterly inspec report Sandy Hook Comp Station.	

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N.S.E. Form 134.

DIRECTION FINDER STATIONS

Number.	Date.	From or To—	Subject.	
✓ 423679	6:6	MI	Asks if Bu wishes immediate estimate cov station for 12th Dist. or if same should be held up until something definite is fixed. 6/9 MI-Tel-Submits estimate for various stations. 6:12 To MI Tel 6/28 MI-6:27-Tel-Request shipment of material from 12th Dist. to MI for 12th Dist. for Pg 3d. To MI Tel 6/28	W
✓ 421341	6-6	To New Orleans	Just after installn of apparatus Pass a Louisa Lighthouse, be notified so as to detail engineer for establishing north and south line. W	W

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N.S.E. Form 134.

Number.	Date.	From or To—	Subject.	
✓ 423309	6:4	Com	Copy of letter request authority to use Burrwood radio station for purpose trans bearing to vessels at mouth Mississippi River.	W
✓ 423379	6:4	Boston	Conf tel conv in con with purchase of bldg etc house personnel, request allotment be made cov.	W
✓ 423330	6:4	Boston	Report on standardization of radio comp station at Princes Neck. Boston-Conf tel conv in con with re install at Bar Harbor Comp Station. 7:4 Boston 7:6 To Boston re install 7/3	W
422490	6-4	To Boston	Desires errors in installn at station Cross Island be corrected. W	
422090 see 17				
✓ 422503	6-4	To Comdt Boston	Request radio compass installn and calibration of USS MURRAY be completed during stay at yard Boston. W	

DIRECTION FINDER STATIONS

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Number.	Date.	From or To—	Subject.
420314	5-24	To Norf	Reqt approved for equipment for station Cape Lookout. W
420315	5-24	To Norf	After installn of apparatus, reqst notify Bureau so engr may be detailed from office Supt Coast & Geodetic Survey for purpose estab north and south line thru center shaft & radio coil and fixing latitude etc. W
420316	5-24	To Supt Coast & Geodetic Survey	Advisees engineer will be detailed to station Cape Lookout. W
420514	5-26	To Y&D	Reqt construction of house for trans station Cross Is., C.G. 2, sum of \$400 allotted covering same W
420672	5-26	To Boston	Re establishment of station Cross Island Coast Guard 2. W Boston-Sug spec for run way. 6:20
420681	5-26	To Coast Guard	Auth reqstd for establishment of sta Cape Fear, C.G. 193- W

DIRECTION FINDER STATIONS

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Number.	Date.	From or To--	Subject.	
420977	5-26	To Boston Tel	Auth temp arrangements for radio material for Hum rock radio compass station on account fire destruction period Draw from store four B and six A batteries etc. W	
420920	8:2	Boston	Fwds plans of proposed house.	
421296	5:26	Boston	Conf tel conv in con with destruction of quarters of proposed station Humrock by fire.	W
421880	see card 16			
421647	5:28	NY	Fwds calibration of Mantoloking Comp Sta.	W
421340	5-28	To Coast Guard	Rel to construction of station. 190. Grand Island. R. R. R. Bay La. W Coast Grd-5:31	
421348	5-28	To S&A	Req ship from South Brook to Norfolk one Genco gas engine generating unit. W	
421160	5-28	To Boston	Rel to establishment of station Appledore Island CG 14- To Boston- advises auth granted install 6-14	
421349	5-29	To S&A	Req ship from Washn to Norf radio material for Cape Lookout W R B 9-9	
421443	ALL 17			

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DIRECTION FINDER STATIONS

Number.	Date.	From or To--	Subject.	
✓ 419660	5-21	To Secretary Commerce	Permission request establish radio compass station on lighthouse reservation Pass & Loutre La. W To Secretary Commerce- Dept of Commerce-Grants permission 5:21	
✓ 419661	5-21	To Secretary Commerce	Permission request establish station at Cape Fear, N. C. W Dept Commerce-Grant permission to establish station at Cape Fear. W 6:7	
✓ 419662	5-21	To Secretary War	Permission request establish station at Burwood, La. W War Dept- Grants permission. 5:19	
419972	5-22	To CHICAGO Tel	Referring phone conversation dept has directed Board join CHICAGO Port on period I suggest that if it is more convenient you anchor in stream and send boat to Yd at Gen Am for Board rather than come to yard period Commissioner or LHouses will take passage also Coffran comma Dunn and myself period if convenient please telephone me today Ho oper W	
420437	5/22	O&R	21' motor dory 7580 assigned to Morris Island Compass Station Y.	611-2

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DIRECTION FINDER STATIONS

Number.	Date.	From or To—	Subject.
420671	5-24	To Norf	Summary of correspondence on establishment of station CG 190 Cape Lookout NC- W
419969	5-24	To Norfolk	Fwds report on location of radio compass station Cape Lookout NC- W
419970	5-24	To CG	Auth request for establishment of station CG 190 Cape Lookout NC W Coast Grd 5;28
420310	5-24	To Norfolk	Radio compass apparatus necessary for sta at CG 190 Cape Lookout being ship't to Norf. W
420311	5-24	To Coast Guard W	Request steel signal tower at present in place on CG reservation be taken down and wood pole be substituted. sum of 250 allotted cvrg same. W Coast Grd 5;28
420312	5-24	To CG	Request overhead telephone wire up to post 9 station Cape Lookout be buried in under ground cable. W Coast Guard 5/24- Request sketch and specfns of radio compass shore station installn be furnished to CG- fws sketch 5-3
420313	5-24	To Norf	To CG- rel to installn start 5/23/19 6/24 Sum of \$600.00 allotted for sta Cape Lookout.

DIRECTION FINDER STATIONS.

Number.	Date.	From or To—	Subject.	
418551	5/14	NY	Rest authorize replacement of Lalley generating unit with the Delco or Genco charging unit, at Montauk Compass Sta.	W.
417889	5-14	To S&A	Reo shipment from Phila to Boston three radio trans sets. W RE 6:12	
418885	5:16	NY Tel	Watch Hill Comp Sta completed. To Comm. - rel to compl of 5-19 Ship Ord of 5:17 RE 6:13	W
419009	5:15	Boston	Submits report of unexpended portion of allotment at various shore radio compass stations.	W
418143	5-15	To USS MOUNT VERNON Tel	Rest frequent bearings from radio compass shore stations on approaching NY harbor arrange that Secnav and Adm. I Griffin may observe results W	
418453	5-17	To Y&D	Rest construction of portable wooden station at Damiscove, Is. for its engine charging unit.	
418454	5-17	To Boston	Relocation of battery charging unit closer to radio compass station Damiscove. W	

DISPATCHED STATIONS

Number.	Date.	From or To—	Subject.
418815	5-17	To SIA	Re: at ship from SIA to R.R. Harbor one radio compass coil W
419020	5-17 Washington, 12/3	Com	Request suitable portable indicators be furnished each compass station on Atlantic Coast in order to receive time signals from Arlington Station. W Wash 9-18 Returns letter for info of coils 9/15
418348	5/14	C&R	21' motor dory 2217 assigned for Compass 611-2 Station Chastin Light House. Y.
419044	5/16	C&R	Copy of tele to Norfolk reassigning Motor dory 2217 to Radio Compass Station Morris Island Y. 611-2
419296	5-19 To Sol reqs take steps to secure site 6-16	To New Orleans	Request secure plot of ground in order to establish radio station CG 214 Grand Isle, Louisiana Bay La. W To New Orleans—info request action taken re purchase 6-3 To New Or—summary of corres 6-10 New Orleans Stat—Tel 6:11
420296	5:20	Y&D	Copy of letter to Charleston, make allotment for cost of sterns at Charleston Lt House Sta. W
420412	5:15 Coast Guard 7/9	Coast Grd	Request authority to install radio comp stations in coast grd stations where practical on Pacific Coast. W To Y&D— in re to construction of bldg 9/8 To Y&D— re construct barracks for Ocean Park 9/24

DIRECTION FINDER STATIONS.

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Number.	Date.	From or To—	Subject.	
416515	5:1 5:6	CO NY Com	Report of radio compass bearings rec.	W
416516	5:6	CO SOLAGE	Report of radio compass bearings rec.	W
417115	5:3 5:7	CO DIXIE Com	Sub report of bearings obtained from Shore Compass Station with prints.	W
417515	5:9	American RR Corp	Reqst permission for rep to visit all direction finder stations in the vicinity of Boston. To Boston- rel to above- 5-19	W
417688	4:20 5:11	CO DEKAIB Com	Report of bearings received for Shore Radio Compass Stations.	W
417689	4:20	CO GREAT NORTHERN	Reports of bearings received from Shore Radio compass stations.	W

DIRECTION FINDER STATION:

Number.	Date.	From or To—	Subject.	
417901	4:29 5:11	CO HUNTINGTON Com	Report of bearings received with shore radio compass stations.	W
417956	5:10 5:12	6th Dist Com	Quarterly inspect report North Isl Radio Compass Station.	W
418208	5/14	Communications	St. Louis.	
To Card 17	"	Communication-Charleston 5:2	Communications- Susquehanna-5/14	
"	"	El Paso 5:2	Communications- Seattle. 5/14.	
"	"	Seattle 5:2	Com-Fvds report. - 5:15	
"	"	R. I. 5:4	Shipat-Ord-5:10-5:12	
"	"	Leviathon 5:10	Communication-Fvds report 5:15	
"	"	Carmania 5:10	Communication- Agamemnon 5:15	
"	"	Sa Harbor Comp 5:15	Communication-Charleston 5:15	
"	"	Station 5:15	Newport-Copy-Mt Vernon 5:15	
"	"	Otsego 6:13	Calibration curve- MILITARY 5:27	
"	"	DeKalb 6:13	" FIRE ISLAND 5:27	
"	"	Madawaski 6:17	" LOUISVILLE 5:27	
"	"	Leviathon 6:17	Communication - BRICK 5:27	
"	"	Pastores 6:19	" CATHOU 5:28	
"	"	Von Stuben 6:18	" COMUS 5:28	
418561	4/18 5/10	1st Dist. Com	Quarterly inspection report, Compass Sta. Appledore Island. W.	
418511	5:21	TO S&A	Received back 5:30	

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DIRECTION FINDER STATIONS:

Number.	Date.	From or To—	Subject.	
414574	4:28	Com.	Rockaway Beach Radio Compass Station, inds. inspec report. To Com.Dn- rep of Bu will inspect 5-16	W
414464	4:29	TO S&A	Reqs ship from Brook to Rhode Isl. of gas engine volt bat charging unit. To Boston-Radio app for Watch Hill-reqst shipment. 4:30	W
414455	4:29	To Annapolis	Permission to visit radio station.	W
414953	4:29	To Boston	Authorizes instal of radio spark relay key.	W
414944	4:18	Charleston Isle of Palms Trac Co	Relative to desire for traction station in con with Charleston Radio Station.	W
414462	4:21	To S&A	Received back 5:3	

Number.	Date.	From or To—	Subject.	
415317	5:1	Com	Sub report by Co Officer Patricia of radio compass Boston Bay.	W
415336	5:1	Com	Shore radio compass station, reports on bearings received by Columbia.	W
415334	5:1	Com	Shore radio compass station, reports on bearings received by America.	W
415496	4:30	Boston	CO AMERICAN—Submits report of radio compass bearings.	W
415720	5:2	Com Service	Copy of letter from USS DECAIB on excel lens given by Cape Henry Station.	W
416342	4:25 5:5	CO MT VERNON Com	Submits parts of bearings with Shore Comp Station	W

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DIRECTION FINDERS STATIONS

Number.	Date.	From or To—	Subject.	
SE 325	4-24	Fwd Boston	Author cane of Rmgn 325 W-R	
412612	4-24	To Charleston	Reft o recalibration of radio compass at Georgetown Lighthouse North Island. W	
412950	4-24	To S&A	Reqst shipment from South Brooklyn to Deer Island. One Genco battery charging unit. W	
412951	4-24	To S&A	Reqst shipment from Phila to Cape Henlopen of one 12 Kw m. driven battery charging unit comp. cont 40670. W	
413691	4-24	Com	Engine gen and battery for Watch Hill Radio Compass Station not received, reqst another outfit be supplied. W	
413961	4-11	Dare Isl Comp Sta	Log for quarter ending 11th. W	
414379	4-19	<u>S&A</u> Circular	Transportations of supplies to Compass Stations of 1st dist - Reqst be fwd to Norfolk in order to expedite. W	

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Number.	Date.	From or To—	Subject.	
413230	4:26	To Charleston	Location of radio compass station. - Cape Fear, N. C.	W
413756	4:26	To S&A	Reqt shipment from Boston to Charleston of one relay key. RB 6/14	W
413757	4:26	To S&A	Reqt shipment from Wash to Boston of short wave meters and steel tabular masts.	W
413758	4:26	To H O	Location of radio compass stations. Burwood, Pass A Loutra and Grand Isl. New Orleans 5:5	W
413760	4:26	To S&A	Reqt ship from Wash to Charleston of one short wave rec and 2 port steel tabular masts. RB 6:7	W
413761	4:26	To Charleston	Authorizes install at Cape Fear. To Coast- reqt material be held in Supply Dept pending further instruc 6-4	W
413762	4:26	To S&A	Reqt ship from Norfolk to Boston of volt battery charging units. RB 5:15	W
Boston-Tel Reqt Delco Chrg unit for Cross Isl be ship to Appledore. 7:5 To S&A req correct reports 8/21 To Norf-Reqt sh pt of another Delco charging battery unit to boston/ 7-16				Boston-Reqst imediate sh pt of unit for Cross Isl. tel 7:3 Norf-Gives changes made in radio comp. W 7:21

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DIRECTION FINDER STATIONS:

Number.	Date.	From or To--	Subject.	
✓ 413119	4:18 4:23	Norfolk Y&D	Asks if radio compass station at Va Beach is to be relocated. To Y&D-Pwd 4:28	W
✓ 413109	4:22	Boston	Pwds radio compass calibration curve for New York.	W
✓ 413110	4:22	Boston	Pwds list of apparatus installed radio compass station North Truro.	W
✓ 410235	4-22	To Boston	Confirms phone conversation between rep of Bu and radio material officer Boston omit unilateral feature in all future radio install on board ships W	
412375	3:27	1st Dist	Coast Grd #53-Quarterly inspection of radio compass station.	W
413344	4:22	Com	Req allotment of \$500 for stationing Coast Grd-Regt plans be returned by les comm circuit to radio station by Coast Grd. 6:27 1st Comm- stat of CC allotted 5-17 To CC transfer cannot be approved 9/10	W

DIRECTION FINDER STATIONS

Number.	Date.	From or To—	Subject.
402050	4-22	To S&A	✓ Reqst shipment from Boston to Cross Is 4 radio batteries W
411242	4-23	To Chasn	Sum of \$10,000 is considered excessive construct of quarters for personnel is author sum of 1600 authorized for. Morris Is. W
412593	4-22	To S&A	✓ Req ship from Boston to North Truro radio batteries W
412594	4-22	To S&A	✓ Req ship from Boston to Damsicove Is four radio batteries W
412595	4-22	To S&A	✓ Req shipment from Bostn to Bear Harbor Maine, four radio batteries W RB 5:28
412596	4-22	To S&A	✓ Req shipment from Boston to Appledore Is four radio batteries W
412597	4-22	To S&A	✓ Req ship from Boston to Prices Neck radio batteries W
412598	4-22	To S&A	✓ Req ship from Boston to Watch Hill radio batteries W RB 6:10

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DIRECTION FINDER STATIONS:

Number.	Date.	From or To—	Subject.	
411115	4:11	Boston	Radio compass station Appledoor Isl. status of.	W
411099	4:10 4:14	5th Dist Com	No quarterly inspection made of North radio station and compass station 5th dist for quarter ending 51st.	W
415875	4-15	To Phila	Info recd possible date which instruction pamphlets for operation of radio compass will be sub to Bureau for approval W	
410866	4/14	Newport Training Sta Co y	Phaser 166 detailed at Newport in connec- tion with calibration of radio compass. 1/2/8	
410854	4/14	2nd Dist Co y	Ship reported for its monthly duty cali- brating radio compass - AEW. 418-8	
411468	4:15	Com	Sends copy of letter from USS ALKES, reports on radio compass bearings. W	

1010



Number.	Date.	From or To—	Subject.	
408640	4/12	To Boston	Asks special attention be given to keeping radio compass stations in efficient condition.	919
409424	4/14	To N.Y.	Asks special attention be given to keeping stations in efficient condition.	919
409426	4/14	To Phila	Asks special attention be given to keeping stations in efficient condition.	919
410176	4/14	To Comdt Boston	Gives allowance of tools and equipment for each radio compass in 1st Dist.	919
410698	4/14	To Norf.	Asks special attention be given to keeping radio compass stations in efficient condition.	919
410699	4/14	To Chasn	Asks special attention be given to keeping station in efficient condition.	919
✓ 411926	4-17	Communications 4-17	Shore radio compass operation- Fwd's report from USS PITTSBURG	
411242	4-18	To Chasn.	Sum of \$1600 allotted to cover cost of work Morris I's. W	
411864	4-18	To Boston	Info request if housing for charging unit available. Dear Is W	
Fwd D.N.C. 7-16		RB 8:7	Com-Quarterly Inspecc Here Isl Comp Sta. 7:11	
412761	4:19	Boston	Means for carrying supplies to radio compass station Cross Isl. TO Boston-Ad 4:25	

DISTRICT WINTER STATIONS:

Number.	Date.	From or To—	Subject.	
410336	3:26 3:9	3rd Dist Charleston	reqstd for Morris Is 5-6 To Comdt Chasn- motor dory for permanent detail Quarterly inspec report Morris Isl compass station. To C&R- reqst detail of motor dory to Chas LH Morris Is. 4-21	W
410235	see 410336	Charleston- No authority req to assign boat to Morris Isl. 5;5		
410518	4:5 4:9	6th Dist Charleston	Radio compass station Morris Isl, recs cov instruments. To Chasn- allot of \$400 mds 4-18	W
410677	4:12	New York	Report on calibration at Fire Isl Shore Station.	W
410678	4:12	NY	Report on calibration of Rockaway Shore Sta.	W
410763	4:12	Com	Shore radio compass station, report of bearings by Watsonia.	W

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Number.	Date.	From or To—	Subject.	
410764	4:12	Com	Shore radio compass operation, report of bearings furnished by Von Stuben.	W
410765	4:12	Com	Shore radio compass station, report of test made by KARSARGE.	W
✓ 410766	4:12	Com	Recs that test be conducted with airplane type radio compass to determine deficiency in use for shore stations. O Dir. Sec. 411 Com - preparing to have test made at Coast May. 4:25 Com - 4:26	W
410789	4:9 4:12	1st Dist Com	Quarterly inspection report Damiscove 1st radio station. To Boston - sum of 600.00 allotted. 5-19	W
411023	4:14	NY	MORTOLOKING STATION-Report on calibration.	
411000	4:12 4:14	1st Dist Com	Quarterly inspec report Coast Grd Station 46	W

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DEL. LICH. FLD. R. COM. ICL. 2.

Number.	Date.	From or To—	Subject.	
409242	4:4	Com	Exds report from CO N. C. on bearings obtained from New York Harbor Entrance radio compass stations.	W
409253	4:7	Com	Exds report on test of compass stations between Charleston and Chesapeake by Wis. To Commun- asks steps be taken to increase efficiency of all compass shore stations 4-19	W
409395	4:8	Phila	Exds calibration curve Cape May Radio Sta.	W
407702	4/4	To Sec Navy	Suggested amendment to Naval Regulations in connection with radio compass stations.	742
409673	4:8	Com	Exds report of MAUMEE on radio compass with prints.	W

Number.	Date.	From or To—	Subject.	
409720	5:27 4:8	CO GL WASHINGTON COM	Report of bearings with radio compass sta.	W
409719	5:27 4:8	CO HUNTINGTON COM	Report of bearings with radio comp station.	W
409904	4:9	New York ~~FROM ENTRY~~	Fwds prints showing cable straps for interior communication detectors.	L
409906	4:9	Com	GO PRINCEPS MAMOKIA-Submits report on radio compass.	W
410235	4:8	Boston	Conf tel conv relative to status of Watch Hall Radio Station	W
409734	4/8 4/8	DCS 6th Naval Dist Naval Com	Reqs for relocating radio station Jackson-ville, Fla. and for erecting radio compass at St. Augustine Station. W.	

DISPATCH NUMBER STATION:

Number.	Date.	From or To—	Subject.	
407519	4:1	Com	Relative to using radio station at Burwood, La. for trans bearing shipped from Gulf.	W
402050	see card 5			
407518	4:1	Com	Evds recs considering location of shore radio compass station at Cape Fear, N. C. and St. Augustine.	W
407516	4:1	Com	Bull Isl., S. C. - Evds prints showing proposed estab of shore radio compass station.	W
40670	4/1	Phila.	Reqst for engine driven generator be assigned to Ancon radio station. W.	629
407347	4:1	Com Superint. Hampton Roads	Cape Hatteras in commission 4:1.	W
408203	4:3	New York	Submits report of calibration of radio compass installation at Montauk.	W



Number.	Date.	From or To—	Subject.	
408146	4:3	Com	Sub lat and longitude of Smith Isl Comp Station.	W
408376	4:4	Com	Sub report of calibration of various radio compass stations.	W
407701	1/3	To Sec Nav.	Suggested addition to Naval Regulations 742 in connection with Radio Compass Station No. 7.	
408797	4:3	Boston	Sends radio compass calibration curve for radio compass station Gloucester.	W
408795	4:4	Boston	Radio Compass station at Cross Isl. Me. sends prints in connection with, estab of experiment station. To Post n- space available 4-10 Received back 4-18 To SEA 3:12 AM 4:8	W
409085	4:1	5th Dist	Submits list of additional entrances to radio station now in operation.	W

Number.	Date.	From or To	Subject.	
476351	?	??	Transmitting station and quarters for personnel- Appledore - subm estimate cov nac repairs.	-
420683 see 2			To IM Ports- fwsd lease for Clark cottage also request further info re request for installing radio transmitter 2/19 To Ports- Comments on 3/5 To Ports- authorizations of \$2000.00- 3/16	W.
			Ports 3/24	
			7/19	
			IM Ports 7/21	
493952	5/12 5/14	Bost Ports	fwsd summary of memo invoices for correction. W. fwd SAA 5/19 RB 5/29 W fwd Ports via Comdt Boston 6-2 RB 6/21 W fwd Ports via Boston 7-2	
494260	5/17	Bost	Quarterly inspection report	W.
498812	6-18	fwsd C&R	Radio compass 30' motor sailing launch 8168 assigned to Appledore Island. comments on cargo taken on by C.G. logs should not be placed on C.G. account many courtesies extended Dept. - Y	extended 747-1
511020	8-13	To Comdt Boston	Appledore Is Me. rel condition, found upon inspection made by Bureau representative. W copy IM Ports RB 9/4 W	
511873	8/16	Boston	Quarterly inspection report. W.	

DIRECTION FINDERS: APPLIEDORE ISLAND RADIO CAMP STA

Number.	Date.	From or To—	Subject.	
457848	11/13	Boston	Fwds draft of proposed lease of the Clark Cottage for personnel quarters. Boston - (T) Request status of lease for Clark cottage. 12/22	W.
458029	11/17	To Solicitor	Reqt lease for property for station Appliedore.	W
460532	11-28	Boston	Quarterly inspection report.	W
458382	12/5	To Fleet Base See 919	Radio telegraph radio compass equipments for AMBROSIOGIN and GRESHAM/ W copy Ldt Boston.	
454852	12/19	Solicitor	Fwds copy of lease with Appliedore Island Building Co. covering rental of Clark Cottage at Appliedore Station.	W.
465899	12/27	To I.M. Ports	Appliedore Station. Re Establishment of.	920-2
470803	1:14 1:10	Ports NY	Request description of 1/2 kw spark transmitter. ~~Re: To Ports. Fwds instruction book.1-23~~	

DIRECTION BINDERS APPLIEDORE ISLAND RADIO COIT 324.

Number.	Date.	From or To-	Subject.
559754	4/23	Communications	Recommend station be abandoned and dismantled. W.
To Boston 6-15			To Boston. Request Inform 4/28
Boston- Gives	7/19	disposal of radio equip	Boston- Recommendations cov dismantling 5/26 W
9/28			To Secty 6-13 RB 6/23 W
To Boston Gives		eqpt at Station 10/1	To Boston Tel 6/14
Boston 10/5 W			
555925	5/24	Communications	Copy of letter to American T/T/Co directing discontinuance of radio station which connects with circuit to Appliedore compass station. W.
571006	6/21	Appliedore Isl.	Forwa monthly radio reports. W.
585876	10/5	Boston	Request allotment of \$225. cov rental of land and building by station. W. To Boston- Admin allotment 10 22

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DIRECTION FINDERS: APPLIEDORE IS RADIO COMP STATION

2

Number.	Date.	From or To	Subject.	
512022	8-23	To S&A	Reqst shipmt from FSB to Boston Delco charging generator RB 10/22 W.	
	8-23	Boston - Recd memo's admtl allotment be made. 12/14 W	To Boston 9/30 if assignment is in error. 9/9 W	
		To Boston 12/20	Boston - Subm estimates- 11/2 W.	
420683	8/25	Fwd Communications	To Boston 11-28 Quarterly inspection of Appledore Island W	
525708	10-26	Boston	Arrangem nts to put Appledore is radio sta in commission; request maintenance allowance be increased to \$1200. K To Post n 11/6- increase of \$111 Boston 11/8 W.	
527149	11/2	Boston	Quarterly inspection report. W.	
525191	10/23	ZXR	Copy letter to Appledore Is Compass Sta in room with 30' m.s.l. Y	511-6
528232	11/2	1st Dist. Copy	Considerable work must be effected before station in placed in commission.	
53889	3/25	Ports	Returns instrn book, Appledore Island Station. W.	
556077	4/6	Boston	Quarterly inspection report. W.	

DIRECTION FINDERS

BETHANY BEACH

1922

Number.	Date.	From or To--	Subject.
530371	6/28	Y&D	Water supply station- copy action taken, to S&A recommendin. award below bid. W.
531463	7/5	Phila.	Fwds log of compass station. W.
533741	7/19	Phila.	Request auth to turn in motor dory assigned to Bethany Beach to reduce operating expenses. W was S&A 7/29 RB 8/11/22 YW
536618	8/8	Phila. (T)	Compass station struck 3 times by lightning. W.
539145	8/23	Phila.	Request funds be appropriated cov storm doors for quarters. W.

DIRECTION FINDERS

BETHANY BEACH
COMPASS STATION

1922

Number.	Date.	From or To—	Subject.
641992	9/11 9/19	Phila. Y&D	Fwds print showing proposed layout of water supply for stations. W. Fwds as & Books 9/28 Y&D 9/29 Copy of action to 4th Dist W
643733	9/30	Bethany Beach	Fwds log. quarter ending 9/30 W.

Number	Date	From or To	Subject
617286	4/6	Y&D	Copy of letter to Phila. stating a proved credit card will be issued for salvaging steel mast. Y&D - returns saving under allotment. 4/6 7
620288	4/21 4/31	4th. Dist. Y&D	Replies to station report. 7. Rude as a Dock 4/29
620289	4/24	Y&D	Gives savings under allotment for work at Bureau by 26 12.12. 7.
620838	4/27	Y&D	Copy of letter to 4th. Dist stating no further consideration will be given at present for Mastin of a cell. 7.
625024	5/31	Y&D	Copy of telegram to Phila. directing keep all new construction work back of Coast Guard buildings. W.

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DIRECTION FINDERS BETHANY BEACH

1922

Number.	Date.	From or To—	Subject.
✓ 626697	6/2 6/5	Phila. Y&D	Rel to relocation of new construction work being kept back of Coast Guard Bldgs. W Fwded ds & DO to 6/17
✓ 628765	6/19	Y&D	Copy of telegram to 4th Dist asking additional fund necessary for work W
✓ 629128	6/21	Y&D	Request auth to expend additional \$680. cove water sys W To Yds & Docks— Allotment made 6/24
✓ 629922	6/26	Y&D	Copy of letter to Phila allowing additional expenditure of \$680 for Bethany Beach Sta. W.

Number.	Date.	From or To—	Subject.
604241	1/12	Phila.	Quarterly inspection report. W.
6-4427	1/13	Phila.	Outfitting of quarters- request allotment to Phila. - allotment made 1/20
✓ 605094	1/10 1/17	Phila. Y&D	Subm report in detail rel to attempts to obtain water supply- request geologist be furnished 1/27 W RB 2/21 . Fwds Yd & Docks 3/12 Y&D- Copy action to 4th Dist. 3/18 W.
606521	1/25	Y&D	Copy of letter to 4th Dist. authorizing repair dining room sets and refrigerator. W.
607469	1/26 2/1	Phila. Y&D	Salvable portions of steel mast dismantled at station has been delivered to Phila. W.

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DIRECTION FI 0003 BETHANY BEACH

1922

Number.	Date.	From or To	Subject.
608573	2/7	Phila.	Request auth to use \$200 of allotment to purchase furniture for Bethany Beach. To Phila. - Lves. Phila. for a copy of 2/10
608699	1/25 2/8	Phila. Y&D	Recommends new refrigerator be furn for bar racks. Y Fwd Y&D-2:21 axw Y&D- copy action to 4th Dist. 2/24 W
612373	3/1 3/4	Phila. Y&D	Sewerage and water supply system of Bethany Beach Sta- 17's prints with comments on. Y. Fwd Y&D & Docks 3/24
615601	3/27	Y&D	Copy of letter to auth work in conn with sewer and water systems. Y
616566	4/1	Y&D	Copy of letter to 4th Dist. auth instln of new sewerage system. Y.

Number.	Date.	From or To—	Subject.
571968	6/27	Y&D	Copy of letter to Phila. giving instrns rel to furniture for Bethany Beach. W.
572759	6/27 6/30	Y&D SEA	Request public bills for furniture for be charged directly to appropriation Engineer- ing 1921. W. fw. Y&D 7/8 Y&D-copy of action to SEA-7/12-1/
576937	7/23	Y&D	Request addtl allotment cov furniture for Bethany Beach and Cape Henlopen stations. W. Y&D Copy action to SEA- 7/25 W. To Y&D 7/27 SEA- Copy action to Phila. 7/29 W. SEA- Copy action to Phila. 7/27 W. Y&D- 8/1 W Y&D 10/11 W.
578620	8/2	Phila.	Quarterly inspection report. W
586775	9/16 9/22	Phila Y&D	Fwds permit for location of anchor in street Fwd ltr & Docks 9/27

Number.	Date.	From or To—	Subject.
590033 ²	10 11	Phila.	Quarterly inspection report. W. Radio Company Station 10/19 Phila. 11/2 W Fwd Y&S & Docks 11/8 Y&D-Copy action to Phila. 11/15 W.
594549	11/27 11/5	Phila. Y&D	Modification to compass house and mast of new mast- request arrangements be made Fwd Y&S & Docks 11/17
599598	12:5 12:8	4th Dis Y&D	Contrs propose to substitute wooden mast in place of moving and erecting steel mast. recd instrns. W Y&D-copy of action to 4th Dis-12:8-Y&D Fwd Y&S & Docks 12/16 Y&D 2/3 To Y&S & Docks- allotment made 1/10
✓ 602877	12/17	Y&D	Copy of letter to Phila asking if steel mast could be salvaged and repairs for use at another station. W. Y&D- Copy action to Phila. 1/13 W
✓ 613366	12/30 1/13	1922 Phila. Y&D	Request sent to expand \$20 from maintenance appropriation for repairing timber communication masts Y&S & Docks Phila. 1/10 Y&D- Copy action to 4th Dist. 2/2 W

Number.	Date.	From or To--	Subject.
543915 OVER	1/31	Phila. To S&A Regst. shipment of charging units from wharf to Bethany beach Y&D 4/18 Y&D Regt. recommendations cov bids. To Y&D & Decks Regst ant la subm 4/28 Phila.	This spec covering construction of barracks at Penlopen and Bethany Beach. W To Phila via Y&D 2-4-21 Y&D action to Phila 3/5 W. Phila Regt 2 new charging units be shipt to Bethany Beach- 4/5 W Y&D to Phila. and copy. recommendations via questionnaire at Bethany Beach.
545721	2/15	Y&D	Copy of letter to Phila. authorizing adding modification of existing copies used under specifications 4377. W.
547952	2/15 2/19	Coast Guard Blows. Del. Phila.	Del. Regt 1200' of two conductor deck cable be turn for Bethany Beach Sta. W. To Phila 2-26
556341	4:7	Phila	Quarterly insp'n report. W
556856	4/7/2	Phila. Y&D	Fwds revised print showing proposed barracks. W.
557188	4/12	Y&D	Copy of letter to Phila. rel to specifications for radio compass buildings at Bethany Beach. W.
556842	4/14	To Coast Guard	Change of site authorized At Station-Regst site be appvd W Coast Guard- No objections. 4/23 W
556849	4/15	To 9 Dist	Regst inform re vessel- stating power of transmitter to be used in calibrating radio compass stations on Great Lakes W

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Number.	Date.	From or To.	Subject.
557692	4/18	To 9 Dist.	Re: Inform regarding what steps have been taken to establish position of radio compass stations now building on Great Lakes W
560749	4:23 4:29	Phila Y&D	Suggests make application from Bu Eng covering funds for furniture for W fwd Y&D 5-5 Y&D-Copy action to Phila. W. 5/7
543945	FROM OVER		Y&D- Copy of action to Phila. 5/2 CW. Phila- 11/30 W. Fwd Phila 2/1 33 12/24 KW. To Phila- allotment made for 1st 1st S&A 12/29 Y&D- Copy action to Phila. 2/1 W
563353	5/11	Y&D	Copy of letter to Phila. stating two ranges ship to Phila. for use at Station. W.
563996	5/14	Phila	Calls atten to utility of radio telephone 919-1 at Bethany Beach for transmitting their bearings direct to Cape May. W

Number.	Date.	From or To-	Subject.	
464310	5-5	Phila	Outline of radio work Bethany Beach Compass Sta; W	503
498297	6/7	Y&D	Copy of letter to Phila. in conn with allotment for moving radio compass house and erection of steel masts.	W.
503044	7/2	Phila.	Quarterly inspection report W.	
508277	7/28	Phila.	Summary report on study of wave front variation W	
509118	8/2	Y&D	Returns savings effected from allotments in conn with work authorized. ARW.	6
508670	8-3	To Coast Guard	Rel. info for quarters, radio comp. station Bethany Beach. DEL to COAST GUARD DIVISION Coast Guard. Request sketch showing location of buildings. 8/6 W.	
510431	8-10	To Y&D	Radio compass station Bethany Beach site for quarters etc. W Y&D - Copy of action to Phila. 8/19 -W	
513645	8/25	Y&D	Copy of letter to Phila. finding plans of quarters. W.	

919-4 DIRECTION FINDERS: BETHANY BEACH

Number.	Date.	From or To--	Subject.
517607	9-15	Phila	Quarterly inspection report; W
✓ 523628	10/16	Y&D	Copy of letter to Phila. in conn with allotments covering compass listings at Bethany Beach and Cape Delapen. W.
✓ 529168	11/1	4th Dist.	Quarterly inspection report. W.
✓ 535208	12/4	c. 4th Dist.	Static report at Bethany Beach. W
✓ 533893.	12/6	4th Dist.	Static report week ending 12/5 W To have taken 12/15 To Phila 12/15 comments elec in charge re: results obtained W
535883	12/20	Phila.	Quarterly inspection report. W.
538787	1/6	Philadelphia	Final description of radio instrin. W.
542131	1/21	4th Dist.	Final reports of observations on static taken by compass stations at Bethany Beach and Cape Delapen. W.

DIRECTION FINDERS BETHANY BEACH

Number.	Date.	From or To -	Subject.
477017	2/18	Phila	Fwds photo with report of inspection cov
SEE OVER	3/8	Phila- Recommends work be done simultaneously.	damage by recent storm. W.
	3/11	To Cdt Phila	To Cdr at Phila 3/5
	3/15	To Cdt Phila 150.00 available for Bethany Beach 3/15	Phila- Request authority to change location of Compass house. 3/8
479633	3/3 3/4	4th Dist Communications	Request appropriation for quarters for personnel at Bethany Beach Compass Station.
479454	3/5	To S&A	Request shipment from Phila to Bethany Beach radio appr. W
481977	3-16	4th Dist (copy)	Compass station out of commission until further notice due to moving compass house; W
487104	4/10	Phila	Quarterly inspection report - W fwd Com 4-13 RB 4/15 W.
487228	4/13	Bethany Beach (T)	Calibration completed; also calibration in 4th Dist completed. W.
487321	4/13	Bethany Beach Copy	Calibration completed. W.

Number.	Date.	From or To—	Subject.	
477017	from OVEH.		Phila- Request shift orders be issued for telephone for Cape May Comp Sta. 4/17 To Capt Phila. comments on results 4-24 Y&D- copy of action to Phila. 5/11. J. fwd Y&D 6-3	W.
490275	4/21 4/27	4th Dist Communications	Quarterly inspection report fwd Com 4/29	W.
492460	5/3 5/6	Cape May hil	Recd new construction at Bethany Beach Comp Sta- sub recommendations with print.	W.

DIRECTION FINDERS BETHANY BEACH

Number.	Date.	From or To—	Subject.	
457704	11/13	Phila.	Subm report of inspection of Bethany Beach Radio Compass Sta. as regards other than personnel operations matters. W.	
457835	11/15	To Y&D	Allotment of 75 made covering work W cc to Cdt Phila Y&D - fwds copies of correspondence. 11/19	
461822	12/5	Communications	Recommends coil shaft be firmly attached. To Phila - instructions be followed 12/9 Phila. 12/18	W.
464965	12/20	Phila.	Request authorize shipment of vacuum tubes to Cape May Compass Station, for use in testing amplifier. Also similar quantity to Bethany Beach W. X 919 - 9 To Phila - auth to issue 12 vacuum tubes 12-23 Ins R Phila - direct factory requests 50 vacuum tubes for stock. 1/8 To Comdt Phila - 1-10	
466084	12/30	Communications	Recommends amplifier be furnished Cape May and Bethany Beach radio Comp Sta. W	919-9

Number.	Date.	From or To—	Subject.	
✓ 469861	1/16	Phila.	Reports on inspection of matters other than personal operations.	W.
470316	1/16 1/19	4th Dist Communications	Quarterly inspection report. Fwd D.N.O. 1-21	W
473058	1/30	Comm	Report on oscillating tubes and straight detection method for radio compass at Bethany Beach compass station. W	919
474399	2/6	Bethany Beach Copy	Compass out of commission due to weather.	W
474990	2/6 2/9	Bethany Beach Communications	Subm report on station being out of commission due to recent storm.	W.
/ 475911	2/9 2/10	Bethany Beach Communications	Subm report of damage and steps taken to eliminate Fwd Comm 2/16	W.

DIRECTION FINDERS

BURNED COMPASS STATION

1922

Number.	Date.	From or To—	Subject.
✓ 618836	4/12	New Orln.	Quarterly inspection report. W.
✓ 633607	7/19	Coast Guard	Ask if shall maintain telephone communication to Burwood and Pass A Loutré. W. to W O Regts. nrm 7/28 New Orln. Telephone connections not required 8/7 To Secy Treasury-Tele serv at Pass A Loutré unrecd 8/29 W

DIRECTION FIND 3 BURWOOD PASS STATION.

Number.	Date.	From or To	Subject.
5370-9c	12/20 12/27	5th Dist. Lorf.	Fast radio and radio comp bulletins be furnished as drawn up by Radio Lorf.
5447-7	1/24 2/1	5th Dist. Communications	Tropical Radio Co. have completed installation of new equipment.
5447-7	2/1	5th Dist.	Quarterly inspection report. T
559398	4/18	8th Dist.	Quarterly inspection report. W.
563519	5/11	Tropical Radio Tele. Co.	Returns statement covering rental of Burwood station March, 1920 and February 1926, properly certified. W. fwd S&A 5-16
578975	8/1	New Orln.	Quarterly inspection report. W.
582178	8/22	Tropical Radio Tele. Co.	Objects to use of Burwood station for other than radio compass purposes. W. To AirComm. - 8/6 HB 9/28 To Tropical Radio Tele. Co. Gives inform 9/9 Submits report 10/4
584596	9/6	New Orln.	Burwood and Passo A Loure Sta- Grand Isl.- weather observing instruments- request allotment cov. W. fwd Aeronautics cc NO 9/15

DIRECTION FINDERS

BURWOOD CAMP STA

Number.	Date.	From or To—	Subject.
588256	9/30	Tropical Radio Tele. Co.	Statement cov rental of Burwood station 7/1/21 to 9/30/21. To S&A Gives instrns 10/7
588615	10/11	FwdDist officer	Rel damage to equipment in transit— Gives instrns W cc 9 Dist
599891	12/8	New Orln.	Quarterly inspection report. W.
		1922	
607090	1/20	New Orln.	Quarterly inspection report. W.
616 93	3/31	Tropical Radio Tele. Co.	Subs bill cov rental. 177. To-- Gives Action cc 8 Dist 4/14 Tropical Radio Co- Asst. in compass work is to be abandoned instr Dist. 4/17 W. To S&A Prep invoice 4/19 To Tropical Radio Tel Co- 4/19 not interested in purchase of the Burwood station 4/19 To S&A Prep instr 5/6 BB 6/19 W To Tropical Radio Telegraph Co- Gives inform 6/28

DISPATCH FILED - BURWOOD COMMUNICATION

Number.	Date.	From or To --	Subject.
473676	1/29	New Orln.	Radio comp sta at Burwood complete with exception of calibration. To M.N.O. directs cooperation with Tropical Radi Co if desire make installn 2/5
472490	1/22	N Orln	Submits estimate covering copper sheathing of motor room for Burwood radio compass station. W. 1/17 New Orln 2/14 Fwd C&R 3/3
487821	4/13	New Orln	Subm report on calibration. W.
496356	5/21 5/22	New Orln. 8th Dist	Request addtl allotment of \$1040.24 to complete work. W. Fwd Y&D via S&A 5-29 Y&D- Copy of action to 8th Dist. 6/3 W
498660	6/7	New Orln.	Radio station and quarters completed, ready for operation. W. To Coast Guard- reqst installn of radio app to be made 6-5 to Coast Guard- reqst lines at Pass a Loure and Burwood be placed in reliable working condition 6-16 To Coast Guard- reqst 6-16 Tropical Radio Tele. Co.- 6/23 To Tropical Radio Co- and report 6/25 Coast Guard- report of inspection. 7/8

212.5: DISTELION MEMBERS: BURWOOD COM-123 STATION

Number.	Date.	From or To	Subject.
503137	7-22	New Orleans	Request authority to furnish Tropical Radio Co. with one set of World Standard batteries for use of Burwood.
	To N. Orleans 8/10		To Tropical Radio Tel Co. advise if Co desire make purchase 8-2
	New Orleans 10/4 W.		Tropical Radio Tele. Co. Request instns. 8/4 W
	To Tropical Co 11-20	BB 12/4 W	
503351	7/27	New Orleans	Request authority to extend line for purchase of voltmeter and meter.
515336	8/30	New Orleans	Request 6 coils for transformers. W/
517239	9-9	New Orleans	Deviation curve; W
515552	9-22	To S&A	Request shipment of radio amplifier from Washington to New Orleans W
519128	9/16	New Orleans	Quarterly inspection report W.
531712	11/26	New Orleans	Request copy of contract with Tropical Radio Tele. Co. for rental of Burwood sta. W.
			To L.O. 12/7
532199	12/1	Communications	Report covering trouble getting power at Burwood for radio compass bearings. W.
	To Captain 1/4/21		To Tropical Radio Tel Co 12/7- Request investigation of condition at station with recs W
	To Tropical Co 1/4/21		Tropical Radio Telegraph Co. 12/9 W.
			Tropical Radio Tel Co-detailed comments in connection with complaint against Burwood-12,22

DIRECTION FINDERS: BURWOOD COMMISS STATION.

Number.	Date.	From or To--	Subject.	
459352	11-19	New Orln.	Rest 2 additional storage batteries be furn for use at station.	W
451402	12/1	New Orln	Will be ready for establishment of true North and South line by 12/10/ W.	
462192	12/5	New Orln	Request Library be furnished for use of station personnel.	W.
462352	12/9	New Orln copy	Burwood Station temporarily out of commission; mechanic will make repairs. W. New Orln - T - station in full commission.	12/22
463068	12/12	N Orleans T	Recst arrange with Coast & Geodetic Survey for engineer to accompany DRMO on 12/15 to estab- lish true North & South at Pass A Loutre & Burwood - W 111 - Ewd's statu: report. 1/17 1118 - Status of experimental work. 1/17	
463263	12/9	New Orln.	Subm report of trouble and repairs to Fairbanks -orse eng'nes.	W.

Number.	Date.	From or To—	Subject.	
463204	12/12	New Orln.	Subm. inform rel to facilities for quarters for enlisted personnel. W.	
464321	2/5	War Dept	Authorized To I.M. N.Orln- Reqs all descriptive matter and appvl of Co for transfer. 12-24 To Secty of War- auth reqst. to take over two cottages for housing personnel Burrwood 1/27 To IM NO 2/13 New Orln- Subm estimates covering repairs. 3/1 To IM N.Orlns 3/6	
465886	12/24	New Orln.	Subm report on status of Burrwood Radio Comp Sta. To I.M. New Orln. Auth to draw from store magnetic transmitting key. New Orln. 1-5 W.	
466504	12/29	New Orln.	Quarterly inspecti n report.	W.
470155	1/15	New Orln.	Fwd's photos of Burrwood radio comp sta.	W.

CAPE HATTERAS DIRECTION FINDERS 1922

Number.	Date.	From or To—	Subject.
641540	9/15	Norfolk T	Cape Hatteras Compass Receiver in commission Poiners Hill motor boat received W
650389	11/21	Y&D	Copy of letter to Norf stating approved credit card will be fwl covering savings of allotment for New life in quarters W Y&D 11/21 Returns savings W
650731	11/22	Norff	Quarterly inspection report W

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CAPE HATTERAS DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
549269	2/15 2/28	Y D Norf	Agst instrns gov instn of gasoline stg tanks at Cape Hatteras. W. fwd YAD 3-8
553647	3/25	Norf.	Quarterly inspection report. W.
570819	6/2 ^u	Norf.	Quarterly inspection report. W.
572522	6/27	Norf.	Fwds report on calibration of station. W.
578905	8/3	Norf.	Request authority to locate compass house. W. To Coast Guard 8/13 Coast Guard authorizes. 8/17 W? To Norf via YAS & Docks Gives Action 8/31 YAD Copy action to Norf. 9/2 W. Norfolk 9/21 location satisfactory W. To Washn- Gives Action cc YAS & Docks 9/27
586920	9/23	Norf. (T)	Request cable be furn in conn with relocation of station. W. To Norf Authorized 9/24
587543	9/27	Norf.	Quarterly inspection report. W.

Number.	Date.	From or To—	Subject.
✓ 589249	10/7	5th Dist. Copy	Station out of commission while building is being moved: W. Norf. - Copy - Station out of commission during reallocations. W. 10/7
✓ 590136	10/13	Ham. Hds. Copy	Calibration will not be completed before 10/16 or 17. W.
✓ 597178	11/20 11/23	Norf. Y&D	Recommends new shingled roof be installed over present roofing in barracks. W. Fwd Hds & Docks 11/30
600664	12/15	Norf.	Quarterly inspection report. W. To Y&D Docks - Gives instrns E/11 RB 1/31 W Norf. - Copy action to Y&D - 1/26 W
✓ 601407	12/20	Norf.	Y&D - Copy action to Norf. 2/13 W. Quarterly inspection report. V.
✓ 601850	12/23	Norf.	Report of calibration of compass station. V.

CAPE HATTERAS: DIRECTION FINDERS:

Number.	Date.	From or To	Subject.	
471128	9:16	Norf	Quarterly inspection report. cross to 1002 To Norf. Necessary action to furnish station with spare aerial will be taken. 1-24 Fwd Operations 1-24 RE-1:30 fwd Norf 2/2	
472235	1:26	Norf	Quarterly inspection report. W	
475665	2/10 2/12	5 Dist Communications	Quarterly inspection report.	W.
481194	3/16	To Coast Guard	Request Coast Guard construct an independent circuit between radio compass and radio station at Cape Hatteras. Also desire establish circuit between Capt Hatteras and Cape Lookout. Coast Guard 3/19 4/5. 4/22. 4/22-Independent circuit completed	
	5/10	rel trans to G.G. approp		
	5/15	W.		
	5/11	W.		
484326	3/27	Norf	Cape Hatteras Comp Sta- quarterly inspection report.	W.
484310	4-6	Norf	Outline of radio work Cape Hatteras compass Sta: W	604
488854	4/16 4/21	5th Dist Communications	Quarterly inspection report fwd Com 4-23	W.

Number.	Date.	From or To--	Subject.
503897	7/7	Norfolk.	Quarterly inspection report. W.
504947	7/12	Norfolk	Subm estimate with prints covering alterations. "
505353	2/10 7/14	5th Dist. Comd Station	Quarterly inspection report. W. and Com 7/19
512553	8/19.	Norfolk.	Fwds report covering recalibration of W.
533292	12/6	Norfolk	Request authority to prepare requisitions for work at Cape Mattaras and Cape Lookout
	Fwd Norf 2-14-21 RB 2-18		Compass stations. "
	Fwd Norf 2-24 RB 2/11		To L. Norf by way 12-11
534727	12-15	To Norfolk	Reqst report covering expenditures- W.
535322	12-22	To Norfolk	Reqst report covering observations taken on vessel equipped with arc transmitter W and Com 12/22 Norf 4/23 W.

DIRECTION FINDERS RADIO COM STATION CASE HISTORY

1922

Number.	Date.	From or To—	Subject.
651734	11/29	Norfolk.	Confirms telephone conversation requesting additional allotment covering improvements.
651818	11/29	Y&D	Request addtl. allotment cov repairs to station. Y&D 11/29 W. 13. Auth covering allot W Y&D 12/4 Cdr W action to Norfolk To Yds & Docks— Allotment authd 12/13

DIRECTION FINDERS RADIO COMPASS STATION CAPE HENRY 1921

Number.	Date.	From or To—	Subject.
587620	9/26	Norfolk (T)	Station out of commission for calibration; Cape Charles light vessel out of commission for repairs.
588084	9/30	Norfolk (T)	Recalibration completed. W.
600475	12/14	Norfolk.	Calibration report. W.
600858	12/16	Norfolk.	Quarterly inspection report, Va. Beach. "
611977	3/1	Norfolk.	Ask if War Dept will construct steel tower to replace observation platform in rear of Va. Beach Sta. (Sec Sig) to War Dept - Ask if steel tower contemplated for point - regst inform re 13/11 War Dept - 3/17 To Norfolk - Gives inform 3/23 War Dept - 3/22 W. To Norfolk - Gives inform 5/13
618315	4/15	To Washn	Radio Compass Comp - Line between Virginia Beach, Va and Poyers - till - Gives Action taken W Coast Guard - Till begin work when permission is granted by Weather Bureau 4/21 W.

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DIRECTION NUMBERS RADIO COMPASS STATION SATE HENRY

1922

Number.	Date.	From or To—	Subject.
619665	4/20	5th Dist. (T)	Calibration of Va. Beach completed; are calibrating Norfolk Isl. W.
619958	4/31	Norfolk (T)	Va. Beach compass out of commission due to calibration. W.
630345	6/27	Norfolk	Quarterly inspection report. W.
639965	8/31	Norfolk (T)	Complete TD transmitter fwded to Virginia Beach— Request disposition of parts other than motor generator control. W.
648850	11/9	Norfolk T	Calibration of compass station completed. W

DIRECTION FINDERS RADIO COMPASS STATION CAPE HENRY

1921

Number.	Date.	From or To--	Subject.
554247	3/28	Norrf.	Quarterly inspection report. W
556286	4/8	Norrf copy	Will finish calibration of Virginia Beach April 12. W
557304	4/13	Norrf. Copy	Station calibrated and will be placed in commission. W.
563528	5/6	Norrf.	Fwdg true meridian data for Virginia Beach station. W.
567331	5/26 5/1	Norrf/ St. W. st.	Re west coast and geodetic survey verify location of station. W. rwd Commun 6-14
564014	6-7	To Coast Guard	Abandonment of Cape Henry station W Relocated at Virginia Beach.
569590	8-15	To Norrf via Y&D	Disposition of beaver board- Cape Henry W copy Coast Guard W
570319	6/17	Y&D	Copy of endorsement to Norrf. rel to disposition of beaver board. W.

DIRECTION FINDERS RADIO COMPASS STATION CAPE HENRY 1921

Number.	Date.	From or To—	Subject.
570691	6/17	Communications	Will establish position of station and advise Bureau. W. Fwd DCS 5th Dist 6-24
570821	6/20	Norrf.	Quarterly inspection report. W.
571270	6/22	Norrf.	Report cov instln and calibration of station. W.
586386	9/8	Va Beach	Submits list of furniture not yet received W Fwd Norrf 9/23
586947	9/23	Norrf/ (T)	Ask Shipping route of receiver for station. W To Norrf (T) Gives Status of shipment 9/26
587320	9/26	Norrf. Cppy	Station will be out of commission 9/28 instead of 9/26. W.
587411	9/26	Norrf.	Quarterly inspection report / W.

DIRECTION FINDERS: RADIO COMPASS STATION CAPE HENRY

Number.	Date.	From or To—	Subject.	
472264	1;26	Norf	Quarterly inspection report. W	
474625	2/7	To IM Norfolk	Recd report when changes have been made in arrangement of apparatus in compass house W Cape Henry Norf 3/29 W Norf 3/29 W	
484101	3/26	Norf	Cape Henry Comp Station - quarterly inspection report. Communications 4/21 W.	
488803	4/16 4/21	6th Dist Communications	Quarterly inspection report Fwd DIC 4-23	W
490695	4/29	Norf	Calibration of Cape Henry station Fwds prints.	W.
496542	5/28	5th Dist Copy	Cape Henry controls to Naval Base in commission.	W
498335	5/6 5/8	CO SANDPIPER Communications	Fwds chart of radio bearings received from Cape Henry and Hog Island. Fwd Com 6-17	W.

035

Number.	Date.	From or To—	Subject.
/ 499188	6/12	Cape Henry Copy	Compass station will be out of commission on hour due to rewinding coil. W.
/ 502121	6/28	Norfolk	Re-establishment of North and south line and re-calibration - report covering. W.
502979	7/6	To Norfolk	Relocation of radio compass station Cape Henry. Request survey be made. W Norfolk has print showing proposed relocation. 7/15 W
/ 503999	7/7	Norfolk	Quarterly inspection report. W.
504944	7/12	Norfolk	Relocation of Cape Henry Compass station. Has print with estimate, and report cov. W and Y&D 7/29 RB 9/8 W To Norfolk. Y&D will supply furniture. 9/10 and Y&D 9/10 RB 9/20 W.
/ 531973	11/29	Norfolk Copy	Compass communication between Hog and Henry out of commission due to storm. W.
/ 535120	12/15	Norfolk	Quarterly inspection report. W.
/ 535610	3/25	Phila.	Geographic location of station now ready for service. W.

DIRECTOR FINDER: CLIP LOCKOUT ONE DAY 11:00 ON 1942

4

—3381

Number.	Date.	From or To--	Subject.
✓ 600663	12/15	Norf.	Quarterly inspection report. W.
✓ 601201	12/20	Ham.Rds. Copy	Matteras land line in commission. W.
✓ 601628	12/22	Y&D	Copy of endorsement to Norf. requesting estimates cov suitable cooking range. W.
✓ 603140	1922 1/4	Norf.	Report on calibration. W.
✓ 614996	3/22	Norf.	Quarterly inspection report. W. To Norf - Authd 4/11
✓ 614995	3/22	Norf	Request Bureau form 386 be furn .o radio stations listed. To Norf - Fwds Instructions 3/31

DIRECTION FINDERS CAPE LOOKOUT COMPASS STATION

1922

Number.	Date.	From or To—	Subject.
624503	5/18	Norfolk	Quarterly inspection report: W.
623708	5/17	To SAA 310	Reqt shipment of battery from Norf to Cape Lookout W RB 5/3/22.W
637888	6/16	Chasn. (T)	Request truck formerly at Paris Isl. assigned to Chasn. W.
641319	9/13	Norf.	Quarterly inspection report, W. To Norf Recondm approved 9/23 Norf- Request 2 Edison batteries from Chasn to Cape Lookout 1251 10/10 10/3 W
650732	11/22	Norf	Quarterly inspection report W

DIRECTOR. BINDERS CAPE LOOKOUT RADIO 3012 311. 1920 1921

Number.	Date.	From or To—	Subject.
535322	12/16	Norf.	Quarterly inspection report. W. fwd Com on 12/22 (TB 1-8)
543982	2-8	To Coast Guard	Communication lines for Cape Lookout. W fwd S&A 2-15
545535	2/9	Norf.	Copy of letter to Norf. advising 17' in dorm to Cape Lookout. W. C&R- 3/17 W.
547488	2/19	Norf. Copy	Station out of commission due to new instln. W
553269	3/23	Norf.	Quarterly inspection report. W.
559237	4/21	5th Dist. Copy	Station placed in commission 4/21 W.
559920	4/26	To S&A	Request shipment of battery from Norf to Cape Lookout 7170 L
562839	5/9	Norf.	Underground cable from pole line to compass house defective- recommends be replaced. To Norf Tel 5-11
570824	6/20	Norf.	Quarterly inspection report. W.

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DIRECTION FINDERS

CAPE LOOKOUT RADIO COMP STA 1921

Number.	Date.	From or To—	Subject.
572472	6/29	Norff.	Fyds. special report cov calibration of station. W.
577001	7/7	Norff.	Coast Guard land line between Norff. and Hatteras Sound. W.
579710	8/6	Norff.	No more report of addtl st. batteries be cancelled. W.
581976	8/22	Norff. Copy	Reports control circuit out. W.
587024	9/23	Norff.	Quarterly inspection report. W. To Dir Comm - cc Norff 10/1
589939	9/12 10/11	Cape Lookout Comp Sta Norff.	Subm list of house furnishings not recd. Fwd Norff 10/22
590152	10/13	Norff. (T)	Calibration completed. W.
599691	12/1 12/9	Cape Lookout Comp Sta. Norff.	Request transformers be furn. W.

DIRECTION FINDERS :CAPE LOOKOUT RADIO COMP STA

Number.	Date.	From or To—	Subject.	
457910	11/14	Coast and Geodetic Survey	Fwds report of Capt. C.D.Quillian on position of Cape Lookout Radio Compass Sta.	W
469837	12/31 1/18	Hem.Rds. Communications	Copy Quarterly inspection report. Fwd D.N.C. 1-19	W.
472261	1:26	Norrf	Quarterly inspection report.W	
472262	1:26	Norrf	Quarterly inspection report.W	
484105	3/26	Norrf	Cape Lookout - Quarterly inspection report. W.	
464310	4-6	Norrf	Outline of radio work Cape Lookout compass sta; W	604
488800	4/16 4/21	5th Dist Communications	Quarterly inspection report Fwd Com 4-23	W
490694	4/29	Norrf	Calibration of Cape Lookout Comp sta- fwds prints.	W

DIRECTION FINDERS: CAPE LOOKOUT RADIO COMP STA

Number.	Date.	From or To--	Subject.	
491396	5/3	C&R	40' m.s.l. 2636 assigned for shipment to log is compass sta; and launch 6692 to Cape Lookout compass sta; Y	611-2
502571	3/30	N.Y.	Quarterly inspection report.	
504945	7/12	Norfolk	Subm estimate with prints cov alterations.	W.
505320	7/10 7/14	5th Dist. Communications	Quarterly inspection report. W. Rwd Com 7/19	
509314	8/2	Y&D	Copy of endorsement to Norfolk requesting expedite work on radio compass stations. Cape Lookout and Poyner's Hill. Y&D-copy of action to Norfolk. 8/21 W	
519254	9/25	Norfolk	Quarterly inspection report.	W.
533802	12/9	Y&D	Plans specifications covering remodeling old 3rd dist building constructing radio compass house, etc. W.	
534326	12-15	To Norfolk	Increases Allowance of Cape Lookout-request report W	

DIRECTION FINDERS CAPE MAY N.J. 1921

Number.	Date.	From or To—	Subject.
573123	7/1	Cape May	Fwds inventory W.
590035	10/11	Phila.	Quarterly inspection report. W.
		1922	
✓ 603886	1/10	Phila.	Fwds inventory of report on station. W.
✓ 615301	3/24	Y&D	Copy of letter to Phila. stating fire extinguisher will not be necessary. W.
✓ 627339	6/8	Y&D	Copy of letter to S&A recommending award be made to G. F. Curtiss for construction of storm sash vestibule and heating system. W.
✓ 628455	6/14	Phila	Ask if 30 volt gas engine set is available to Phila has issued shipment order 6/20 W.

1922

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DIRECTION. WILKINS CAVE NY N.J.

1920

Number.	Date.	From or To—	Subject.
520536c	10/1 3-12/28 To 3-12/30 Ed 3-12/31	Phila.	Request authority to supply material listed to Cape May compass station. W. Phila. 11/18 Ed 3-12/31 3-12/23 3-12/23 action. 12/13 W To 3-12/23 To 3-12/23
521822	10/7	Phila.	Confirms telephone conversation in connection with printing of radio compass bulletins Cape May building program and oscillators on K boats. W.
525551	10-21	Phila	Report on test of new location for Cape May comp sta; W
528167	11/1	4th Dist.	Quarterly inspection report. W.
529117	11/13	Y&D	Copy of endorsement to Phila authorizing communication of battery house and operating lines. W.
531993	11/30	Y&D	Copy of letter to 4th Dist. authorizing to use available balance from other allotments covering cost of communication lines. W.
532234	11/27 11/20	Cape May 4th Dist.	Subm report on static observations. W

DISTRIBUTION FIELDERS CAPE MAY N.J.

Number.	Date.	From or To—	Subject.
535849	12/18	Phila.	Quarterly inspection report, W.
541986	2/4	Phila.	Confirms telephone conversation in conn with status of old radio station. Phila-3rd. confirmation in conn with use of old radio station at Cape May Federal Penitentiary Jan 25, 1933. 2/3.W
541988			
545061	7/8	Phila.	Working batteries at Cape May, N.J. - record to Phila- comments 2-25
549078	2/18 3/1	4th Dist. Y&D	Most authority covering sale of old radio compass station, building be awarded. fwd S&A 3-9
550030	3-8	To Comdt Phila	Battery charging equipment for Cape May W
550589	3/9	4th Dist.	Fwds static reports from Cape May and Bethany Beach. W.
554216	3/28	Phila	Fwds photos of N.Y. radio comp station. W.
557737	4/18	Phila.	Quarterly inspection report. W.

1919

Number.	Date.	From or To—	Subject.	
458937	11/21	To S&A	Reinst shipment from Washington to Phila one airc radio amplifier. W RB 2/9	
464965	12/20	Phila.	Request authorize ship of vacuum tubes to Cape May Compass Station, for use in testing amplifier. also similar quantity to Bethany Beach W.	919-4
466084	12/30	Communications	Recommends ammeter be furnished Cape May and Bethany Beach radio Comp Sta. W.	
467086	1/5	Communications	Recommends mercury arc rectifier be furn to enable present motor generator to im- prove charging facilities. To Phila. Fwd letter for recommendati- and return. 1-12 N.Y. - Not nec to install rectifier at Cape May. 1/13	W. W.
476386	2/15	Phila	Subm report of inspection of Cape May Comp Station, incident to storm To Cdt Phila 3/3 Phila 3/5 Phila 3/25 To Com t Phila 3/31	W.

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-1920-

Number.	Date.	From or To—	Subject.	
487103	4/10	Phila	Quarterly inspection report - W	
490273	4/21 4/27	4th Dist Communications	Quarterly inspection report and Co. 4/29	W.
492461	5/8	Phila.	Ask if they may continue to handle commercial traffic. Cancelled.	W
501859	5/25	Phila	Quarterly inspection report W.	
511014	8-12	To Phila (T)	Make tests Cape May, report results by wire not later than August 15th. W	
514386	8/27	Phila.	Quarterly inspection report W.	
518028	9/1 9/1	4th Dist X6	Ask if they may continue to handle commercial traffic.	

DIRECTION FINDERS CAPE MENLOPEN COM. STA.

1922

Number.	Date.	From or To—	Subject.
641276	9/15	to S&A #1265	Request shipment of material from Washn to Phila W RB 11/7 W Phila- Request authorize shipment of coil system. 10/4 W. To S&A Request shipment of Coil from Phila to Cape Menlo. 10/11 W
641891	9/18	4th Dist. Y&D	Subm estimates cov re-roofing barracks building and constructions of board walk. W. Fwd. Y&D & Docks 9/23 Y&D - Copy action to Phila. 9/26 W.
645234	9/30 10/14	Cape Menlo Phila.	Subm copy of station routine. W.
650670	11/21	Phila	Reals Washington be directed to ship B battery and vacuum tubes W To S&A Request shipment of mat. from Washn to SO Phila 1590 11/27 RB 1/13/23 W

1922

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DIRECTION FINDERS CAPE HENLOPEN COM STA 1922

Number.	Date.	From or To—	Subject.	
622946	5/3 5/10	Dept Commerce JAG	Fog signal bldg on beacon site at Cape Henlopen: Ask if station has been sold & demolished W. Phila 5/13 RB 6/8/22 W To Judge Advocate General - Gives Informa	5/29
629528	5/23	Y&D	Compass Sta Cape Henlopen recommends award of contract for improvements to Marshall Cough to W Y&D - Copy action to S.A. 6/27 W	
631288	6/30 7/5	4th Dist. Y&D	Repairs to quarters W. Y&D - Copy action to Phila. 7/19 W Fwds ltr & books 8/14	
631307	7/5	Y&D	Copy of letter to Phila. rel to repairs to heating system. W.	

DIRECTION FINDERS CAPE HENLOPEN COMP STA. 1922

Number.	Date.	From or To—	Subject.
631474	7/1	Cape Henlopen	Station routine- fwds/ W.
633787	6/30	Phila.	Quarterly inspection report.
633785	6/30	Phila.	Quarterly inspection report. W.
635775	8/1	Y&D	Copy of letter to Phila. stating approved credit card will be fwded cov savings under allotment for compass house. W.
637982	8/16	Y&D	Copy of letter to Phila. auth repairs to roof of quarters. W.

Number.	Date.	From or To—	Subject.	
590122	10/12	Phila. copy	Station in commission. W/	
523585	1/19	Phila. 1922	Avds inventory and report on station. W.	
604242	1/12	Phila.	Quarterly inspection report. W.	
61935	2/31 4/3	Cape Menlopen Phila.	FW's quarterly station routine report.	
523707	5/17	To S&A 309	Reqt shipment of Battery Charging Unit from 125 f to O-I-C Cape Menlopen W Phila- Special allotment requested to cov gas engine set. 6/23 W To Phila- Allot authd 6/30 WK	
574570	6/1	To Phila via Y&D	Bu desires to have constructed long wave radio compass station. W	604-22



Number.	Date.	From or To--	Subject.
✓ 626513	6/3	Y&D	Copy of letter to S&A requesting Phila be auth to prepare requisitions for construction of compass house. Y&D- Copy action to Phila. 6/3 W. S&A- Copy of action to Phila. 6/5 W.
626335	6/5	To Hon Sec of Treasury (Asst Sec Sig)	changes in the communication lines in order to improve accuracy of radio bearings Gives instrs cc Phil W East Ward 6/10 Copy of action to narf W East Ward 6/16 W
627340	6/8	Y&D	Copy of telegram to Phila. auth construction of compass house by service requisition. W.
627491	6/9	Y&D	Est expenditure of \$350. Engineering 6/3 action to S&A Y&D 6/10 Copy of action to S&A W To S&A Docks. Gives Action taken/28 To Phila. rel repairs to heating plant 9/11

DIRECTOR WILMERS CAPE HENLOPEN COME STATION 1921

Number.	Date.	From or To--	Subject.
540482	1/4	Y&D	Copy of letter to Phila. stating allotment will be made covering single oven ranges for double quarters. W.
541340	1/19	Y&D	Copy of letter to Phila. asking for approval of single oven ranges in double quarters. W.
54135	1/21 2/2	Phila. Y&D	Extension of processed buildings at Cape Henlo, W. This plan in con. with sewerage system. W. 2-6
54235	2/4	Phila	Copy of action to Phila. 2/8 W. Suggest changes in heating system. Sub detailed copy of contents and Phila via Y&D 2/14/21 Y&D- Copy of action to Phila. 2/18 W.
54376	2/5 2/8	W. M. Watson Electrician	As if Cape Henlopen station will be placed for Phila. W. and Phila 2-14-21 W RD 2-24
54462	2-15	To Phila	Transmitter for Cape Henlopen. W Phila. 2/19 W.
547562	2/16	Phila.	Subm list of furniture needed at Cape Henlo and Henlopen Sta. W. and Y&D 2/16 Y&D- Copy of letter to Phila. making allotment 3/15 W
547856	2/21	Phila. Copy	Compass house will be completed by 2/25 W.

DIRECTION FINDERS CAPE HENLOPEN COMP STATION 1921

Number.	Date.	From or To--	Subject.
550693	3/10	To Dept	Recomdn for disposal of old station W Dept- Authorizes 3/15 W To Phila via Yds- S&A- 3/21 Y&D- Copy of action to S&A 3/23 W.
550737	3-11	To Phila	Instaln of apparatus Cape Henlopen W To S&A shipmt order from Washington to Phila sound apparatus 3/12 6567
556340	4:7	Phila	Station not in commission-cannot submit quarterly inspection report.W
558620	4/16	Phila.	Subm estimates cov addtl work at Cape Henlopen Camp Sta. Fwd Yds & Docks 4/26 Y&D- Copy of action to Phila. W.
560794	4:23 4:28	Phila Y&D	Request addtl allotment covering antenna at Cape Henlopen.W Fwd Y&D 5-5 5/26 W Y&D- Copy action to Phila. 5/9 W Fwd Y&D 6/15 Y&D- Copy action to Phila. 6/17 W
563745	5/13	Y&D	Copy of letter to Phila. in conn. with purchase of bath tub for radio station.W
577969	7/27	Phila.	Quarterly inspection report, W.
580030	10/11	Phila.	Quarterly inspection report.W. To Phila- Gives Action 10/19

DIRECTION FINDERS CAPT HENLOPEN RADIO COMP STA

Number.	Date.	From or To	Subject.
482678	FROM CARD 1		Phila- Fwds copy of permit from City of Lowell. 6/10 W To Secty- request action. 1/16 W Phila- request action. 1/12/21 W Phila- Advocate General 12/31/21 W To Phila- 12/31 with copy of permit. 1/12 W To Phila- Fwds copy of permit. 1/16/22 W Phila- Advocate General 1/19/22 RB 1/26 W Phila- 1/18
503048	7/2	Phila.	Quarterly Inspection report W.
507943	7-27 8-27	Phila To Phila via Y&D- assign project Phila) 100' most necessary. 10/14 W To Phila 10/10	Are in position to proceed with various projects at Sta; request approval covering: W To Phila Gives inform 8-5 cc Yds & Docks- in copy Copy of action to Phila. 8/9 W Phila- Subm estimate and recommendations with prints. 8/17 W Copy of letter to Phila. fw ing draft of specifications, compass buildings, at Cape Henlopen and Bethany Beach. W.
512788	8/27	Y&D	
512823	8-23	To S&A	Request shipment of Delco generator from FSB to Phila RB 11/12 W.

Number.	Date.	From or To-	Subject.
514732	8/31	Y&D	Copy of instrns to Phila. to install water and sewerage facilities. W.
517840	9-15	Phila	Quarterly inspection; W
518311	9/17	Phila.	Radio compass house and barracks, -Cape Henlopen and Bethany beach- fws proposals. W. fwd Y&D 10/13
528166	11/1	4th Dist.	Quarterly inspection re ort. W.
530003	11/12 11/18	Phila. Y&D	Subm estimates covering cost of bath tub for Cape Henlopen. fwd as a 11-23
537741	1/4/21	To Phila	Instructions re disposition of telephone set W Phila. Quarterly inspection report 12/30 fwd Phila. w/ print of proposed new site with photos. 1/8 Next addtl allotment be made covering purchase of kitchen ranges. W. fwd Y&D 1/10
538553	1/4	PHILA.	

DIRECTION FINDERS CAPE PRIMO, EX-RADIO COMP STA.

Number.	Date.	From or To—	Subject.	
466278	12/31	Phila. (T)	Request authorize shipment of 24 vacuum tubes from Aircraft Factory to Cape May.	W.
469854	1/16	Phila.	Report of inspection.	W.
477015	2/18	Phila	Fwded photo with report of inspection covering damage by recent storm.	W.
482678	3/19	Phila	Fwded print of map of Coast Artillery Barracks Cape Henlopen - submits recommendations covering 23	W
TO CARD as possible 4/5	4/5	W.	To Capt Phila 3/30	
2	4/17	Use of files a prvd. 5/19	To Secty War 3/30	
483872	3/26	Phila - advise status of negotiations 5-28 4th Dist C py	Comp station, Cape Henlopen out of commission for installn of transmitter; Bethany Beach out of commission due to movement of compass house.	W
487102	4/10	Phila	Quarterly inspection report - W fwd Com 4-13 RB 4/15	
490274	4-29	Fwd Com.	Notes condition of compass station reported	W
491293	5-4	To Comdt Phila.	Asks if compass reservation at Cape Henlopen will accommodate multiple tuned antenna, as desired to make experimental installation at station W. Phila- 5/8	

919-10 DIRECTION FINDERS; CAPE HENLOPEN RADIO COMP STA

Number.	Date.	From or To--	Subject.	
492953	5-11	4th Dist (copy)	Cape Henlopen calibration curve very inaccurate; ~~no~~ no bearings fixed since April 27; W	
493679	5/11	Phila	Confirms telephone conversation in conn with status of station	W.
494163	5-19	To Comdt Phila	Radio compass station CAPE HENLOPEN in connection with construction of multiple tuned antenna at W	
Y&D- Rst ned inform be furn so that Phila. may make payment. 5/3 W.	5/13	W.	fyd Phila 7/13; RB 9-15; W Phila- Subst expenditures to date. 9/8 W to Y&D 5-10	
496378	5/24	Phila	Army barracks at Cape Henlopen station- fwsd photos and print.	W.
498081	5/28 6/5	War Dept Solicitor	Fwsd copy of transfer of abandoned Coast Artillery buildings at Cape Henlopen to Navy Dept. for use as compass station. To Comdt Phila- reqst info re status of land 8-9 Phila- fwsd prints showing location of compass station 6/18 W To Sol fwsd for transmittal to War Dept 6-22 Phila- fwsd map of Coast Artillery barracks Cape Henlopen, with recommendations cov. 9/26 W To Sec War- assignment of land to Dept 7/2 Phila- Subm information- 7/9 W.	W.

DIRECTION FINDERS: CROSS ISLAND COMPASS STATION.

Number.	Date.	From or To—	Subject.	
✓ 460029	11-25	Boston	Fwds quarterly inspection report.	W
460807	11/29	Boston	Ask if addtl expense of surveying proposed parcels of land on Cross Island for Radio Compass Station is justified. To Solicitor— Does not desire conduct survey 12/5 To Boston— Has reqstd Sol to accomplish lease and advi se does not desire survey 12/5 Bost — ask if will appv reqn covering claim — 12/11 Solicitor • Fwds copy of lease 2/10	W
✓ 464315	12-23	To Solicitor	Radio compass station, Cross Island, Maine. Lease of land for — Charge for legal services in preparation of lease. W	
476406	2/16	Boston (T)	Subm report covering damage caused by ice. To Boston— asks what type mast in store 2/19 Bost — 3/2	W.

Number.	Date.	From or To--	Subject.	
476158	2/26	Boston	Quarterly inspection report	W.
500864	6-24	To Communications	Gives reasons why station C. & I. station in Danisco 76 is to be abandoned W To Port. a. registration no taken 8/5 Boston- Removal of material. 9/24 W. S. & Com 10/2: RB 10-26: W 120- Copy of action to Dept 2/19 W	RB 7/19 W
5				

CAPE ELIZABETH DIRECTION FINDERS DOMASTONE ISLAND COMF STATION 1922

Number.	Date.	From or To	Subject
643716	10/5	To Boston	<del> distant control of transmitters- W Boston 10/27 Fwds plan of Blake relay system W To Boston- Gives inform rel traffic 11/18 </del>
644872	10/4	12th Dist,	Fwds radio compass report for Sept. W.
649370	Invalid		

[illegible]

DIRECTION FINDERS -DOLASCONE Island Comp Sta.

Number.	Date.	From or To—	Subject.	
457720	11/12	Boston	Quarterly inspection report.	W.
473116	2/6	To Cdt 9th Dist	Plans for radio compass stations. Instructions in making recommendations. W 9th Dist- Summ report on proposed radio comp sta at Eagle Harbor	2/9
478590	2/26	Boston	Quarterly inspection report	W
498061	6/4	Boston	Quarterly inspection report	W.
498256	6/7	Y&D	Request addtl allotment covering over obligation of original allotment for enlarging crews quarters. W. To Y&D- addtl sum of \$37.10 allotted covering cost of enlarging crews barracks at Damisov Island Me. WK 6-18	
500915	6/22	Y&D	Copy of letter to post stating allotment made covering cost of enlarging crews barracks.	W.
547209	2-21	To Commr	Radio comp sta Cape Elizabeth.- position of	W

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~~CONFIDENTIAL~~ DIRECTION FINDERS SELF ISLAND RADIO COM STATION 1922

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Number.	Date.	From or To—	Subject.
529970	11/16	Boston	Quarterly inspection report. W.
538055	1/3	Y&D	Request Bureau make necessary allotments covering single barracks. 7. To Y&D 1-5
539637	1/11	Y&D	Copy of letter to Boston requesting complete list of furniture desired be furnished. 7
54512	2/8	Boston	Quarterly inspection report. 7.
546181	2/8	Boston	Quarterly inspection report. 7.
547600	2/17 2/19	Boston Y&D	Fwd recommendation rel to equip for radio compass quarters at MI. 7. Fwd Y&D 3-11 Y&D- Copy of action to Boston. 3/14 W
588189	9/30	Boston	Quarterly inspection report. W. Fwd Lds & Decks 10/14 BB 10/17 W To Yds & Decks - expenditure authd. 10/24 Y&D- Copy action to Boston. 10/26 W

DIRECTION FINDERS DEER ISLAND RADIO UNIT STA 1921

Number.	Date.	From or To—	Subject.
595362	11/10	Y&D	Copy of letter to Boston stating approved credit card will be provided cov savings on furniture for barracks.
595359	11/10	Y&D	Returns savings from allotment cov furnishing barracks.
		1922	
623704	5/17	To S&A 306	Request shipment of Battery Charging Unit from Norf to Deer Island W
630604	5/29	Boston	Copy of report of inspection. W.
649883	11/18	To R A Beckman	Bu desires to assist GE co in working out details of control ; plan cc Boston W

DIRECTION FINDERS: DEER ISLAND RADIO COM. STA.

Number.	Date.	From or To—	Subject.
✓ 456359	11:5	Boston	Quarterly inspection report of Deer Island Compass Station. W
456682	11/10	To Boston	Reconsidered decision re: relocation of station. Battery charging unit will be shipped to Boston to be held in store for disposition. W
456683	11/25	To Boston (C)	Expenditure one hundred dollars chargeable for 1920 to take up Deer Island cable authorized. W To Boston (T) referring Bureau one six naught two five sufficient space available at Boston for stowing cable submerged period cable should be turned over to SO Navy Yd Boston 12/5
456521	11/24	Boston	Confirms telephone conversation in conn with submarine cable at Deer Island and radio apparatus for FLORIDA & UTILLA W
✓ 456570	1-3	To Boston	Tests to be carried out with compass apparatus. Auth. to Use Deer Island station to test apparatus listed. W
456667	1/10 1/12	1st Dist. Communications	Quarterly inspection report. Fwd D.N.C. 1-14 W.
✓ 482655	3/19	Bost	Quarterly inspection report - W

DIRECTION FINDERS: DEER ISLAND RADIO COMPASS STATION

Number.	Date.	From or To—	Subject.
486492			Fwded D.N.C. rel general condition of station as reported on letter W 4/10
492999	5-14	To Boston (T)	Granted. W (rel auth issue 12 tube CW 933 tubes to Deer Is Compass Station W)
505171	7/13	Boston	From Dir. of Deer Island compass station: to obtain from Army cover. of action of Navy Dept. in identification/ Y&D; copy of action to Boston; 11-1; W
505358	7/14	1st Dist. Communications	Warrior inspection report. W Fwd Com 7/19
510434	8-10	To Boston (T)	Make survey for site to erect quarters Deer Island period site to be agreeable to CO army reservation W
War Dept; 10-22; W			Boston- Rws prints. 8/13 W to Secty War 8/30 to Boston via Y&D 10/29 Quarterly inspection report/ W.
510912	7	Boston	
513428	8/9 8/23	Deer Island Boston	Reports on interference from Annapolis high powered station. W. Fwd Bur Stand. rds 8-30 Radio Lab; Bu Standards; submits report on 800 meter harmonic note from Annapolis; 9-15; W (10-20-1)
	Fwd Bostr 9/21/20		

DIRECTION FINDERS FIRE ISLAND COMPASS STATION 1 22

Number.	Date.	From or To—	Subject.
625421	5/25	3d Dist. Copy	Fire Island station calibration completed and station in commission. W.
641201	9/12	N.Y.	Request allotments covering heating facilities for Sandy Hook and Fire Island compass stations. W. To NY - Submits Recommen 9/29 Y&D 11/11 Copy action to New York W
615929	10/17	N.Y.	Fire Island - quarterly inspection report. A.
648886	11/9	3 District	Copy calibration of compass stations completed W

DIRECTION FINDER FIRE ISLAND COMPASS STATIONS

Number.	Date.	From or To--	Subject.	
464976	12/22	N.Y.	Quarterly inspection report.	W.
485773	4/3	N.Y.	Fwds 800 meter calibration curve.	W.
493849	5/10 5/14	3d Dist Communications	Sum report on radio compass bearings by UTAH of Fire Island, Sandy Hook, and Montauk. fwdCom 5/18	W.
494073	4/24	Fire Island Sta.	Fwds photos of last winter's ice on Great South Bay.	W
501665	5/24	N.Y.	Quarterly inspection report	W
528521	10/25 11/10	3d Dist. F&	Release requested of property owned by Western Union Tel. Co. at Fire Island. fwd Solicitor 11-19	W.
545268	2/5	N.Y.	Trans. of compass curve and declination chart- recalibration of.	W.

DIRECTION FINDERS

FIRE ISLAND COMPASS STATIONS

Number.	Date.	From or To--	Subject.
553839	5/13	N.Y	Subm outline of radio work, fiscal year 1922. W.
571555	5/24	N.Y	Fwds curves cov recalibration of Fire Isl. and Lantauk. W
581437	8/17	N.Y.	Fwds recalibration curves. W.
582197	9/1	To NY	Calibration Curves; Gives instrns rel W
591787	10/21	Y&D	Fwds instructions rel to submitting data for book "Published Works of the Navy" W Fwd NY 10/31
607787	1/20 2/1	1922 3d Dist. Communications	Report on use of Fire Island transmitter. W

DIRECTION FINDERS GEORGETOWN COMPASS STATION 1922

Number.	Date.	From or To—	Subject.
626514	6/3	Y & D	Copy of endorsement to Chasn. directing furn prints in triplicate showing location of station. W.
628064	6/9	Charleston	Recommends quarters for operator be pro- vided W To Chasn- no funds available 6/17
628229	6/12	Charleston	Quarterly inspection report W
629525	6/23	Y&D	North Is compass sta savings under allotment Kw Y&D- Rel savings - 7/6 Kw

DIRECTION FINDERS GEORGETOWN COMP STA/ 1922

Number.	Date.	From or To—	Subject.
636928	8/8	Chasn.	Quarterly inspection report. W.
649960	11/17	Y&D	Work on compass house and improvements completed with saving allotment W
650480	11/20	Chasn.	Quarterly calibration report on North Island and Kelly Island Compass stations W To Chasn- Reqs action taken 11/29
650510	11/14 11/21	North Island S&A	Recommendation cov survey of Edison B Batteries W. Fwd S&A 12/2
654175	12/16	Chasn.	Quarterly inspection report. W.

Number.	Date.	From or To—	Subject.
585172	9/17	To Dir Communications	Gives Extract from Radio material Officer's report of North Island Radio Compass Station cc Chasn W Communications- 9/23 W
591156	10/11 10/18	San Diego Y&P	Plans estimate cov concrete pier, bulkhead and bed in; for erection of wireless pole. ~~Red ink & Deck 10/21~~
613219	1/3	Chasn.	Quarterly inspection report. 7.
615239	3/21	Chasn.	Quarterly inspection report. 7.
616392	3/29	Chasn	Radio receiver wit drawn from store and changed to current engineering allotment. 7.

DIRECTOR JILLERS GEORGETOWN

1922

Number.	Date.	From or To—	Subject.
616940	3/30	Chasn.	Pl' motor very assigned not suitable - suggest 24' motor sailer be furn. Y. E. C&R 7/3 Ye RB 7/11.Y C&R- Copy action to Chasn. 7/10 W
620459	4/21	Chasn.	Request allotments to be cov issue of 10 Chasn- Give inform 5/2
621742	5/15	Y&D	Copy of telegram to Chasn- auth perform work at North Island Station. W.
622124	5/5	Y&D	Copy of telegram to Chasn. auth construct fuel and storage houses at North Island.
622841	5/3 5/10	Department of Commerce Dept	Authorizes construction of new compass at Georgetown light station. W. To Chasn via Yds & Docks-- Gives instrms cc Judge Advocate Gen 6/2 Chasn- fw's print showing location of Navy building at compass station. 10/31 W Y&D- 11/4 W

DIRECTION FINDERS: GEORGETOWN

1920-1921

Number.	Date.	From or To—	Subject.
521247	9/28	Chasn	Quarterly inspection report W
522889	10/18	To Mare Island <i>7-2-15</i>	Rel fence for station So San Francisco request comments and recs W M.I. 12/3 W To Nav Radio Sta— asks if black barbed wire can be obtained 12/23
535222	12/14	Chasn	Quarterly inspection report W To Chasn 12/22 W Chasn 12/28 W
538091	12-29	MI <i>7-2-15</i>	Quarterly inspection report W
545699	2/11	To Chasn via 'ds & Docks	re Delay in work Authd W. RE 2-15 To Chasn 2-21 Chasn 2/26— Gives status of work W Y&D— Copy of action to Chasn. 3/3 W. Chasn sends prints showing proposed sites for 3/15 W. To Chasn re new compass house and quarters for 3/23/21 Y&D— Copy action to Chasn. 3/28 W
554423	3/25	MI	Quarterly inspection report. W.

DIRECTION FINDERS

Number.	Date.	From or To—	Subject.
555509	4/4	Y&D	Copy of telegram to Chasn. authorizing assembling of material for quarters and compass house at North Island. W.
555906	4/1	Chasn.	Quarterly inspection report. W.
558600	4/18	Y&D	Copy of letter to Chasn in conn with construction of radio compass buildings at North Isl. W. Y&D- Copy of action to Chasn. 4/19 W.
568033	5/25	Y&D	Copy of letter to Chasn stating allotment cards will be fwded cov radio compass building. W Y&D- Compass building fabricated with saving from allotment. 5/25 W.
568814	6/9	Y&D	Copy of letter to Chasn. rel to savings under allotment cov radio compass buildings. W.
571389	6/20	Chasn.	Fwds radio compass deviation curve W.
572729	6/27	Chasn.	Quarterly inspection report. W.

Number.	Date.	From or To	Subject.	
467371	1/5	6th Dist	Quarterly inspection report. Fwd D.N.C. 1-8 RB 2/3	W.
468091	1/5 1/7	Chasn. 6th Dist.	Fwds request of North Island Comp Sta. for cooking utensils, and dishes. To Chasn. Fwds correspondence. 1-10 copy to Supt. 6th Dist. Chasn-fwds prints-1:28 To Y&D 2/5 copy Charleston	W.
478651	2/26	Chasn.	Request authority to proceed with construction of barracks at.	W.
480403	3/1 3/8	Chasn. Y&D	Have material assembled for barracks; same will be fwded by first conveyance. fwd Y&D 3/9	W.
482682	3/19	Dept of Commerce	Authorizes constrn of dormitory for radio operators on Georgetown light station reservation - W	
464310	1-21	Charleston	Outline of work Georgetown;	604

Number.	Date.	From or To—	Subject.	
497508	5/28	Chasn.	Quarterly inspection report	W.
499576	6/9	Marine Island	Quarterly inspection report	W.
500932	5/14 6/22	Chasn. Communications	North Island and Morris Island comp stations- report on calibration. 3d Com 6/25	W
501430	5/8 6/24	6th Dist. Communications	Quarterly inspection report. 3d Com 6/28	
501786	6/25	SEA	Copy of shift order covering dining room furniture from Flt Sup base to North Island Comp Sta.	
511767	8/11	Norff.	Only one 3 Ampelco battery charging To Norff 8/14 Norff- (T) Material located. 8/16	W
513985	8/25 To NY 8/25 NY-11:30 To 12/6/20	American Rwy. Express Co.	Request shipping instructions. W. To MI via C.R. - report info 8/31/20	

DIRECTION FINDER. G107117C.MN
NORTH ISLAND RADIO COMM. STA

Number.	Date.	From or To—	Subject.	
469678	1/13 1/16	6th Dist Communications	Quarterly inspection report. Fwd D.N.C. 1-17	W.
472225	1/28	To Charleston (T)	7328 Your 2024 0945 Bur directs battery charging unit at N. Island be repaired. etc W Chasn-T-station temporarily repaired-1:29	
481842	3:16	6th Dis copy	Request obtain authority from Lighthouse Comm for erection of barracks North Island Radio Station.W	
485265	3/26 3/31	Chasn. 6th Dist	Quarterly inspection report	W.
486421	4/1 4/8	Chasn. Y&D	Subm status on barracks for operators. fwd Y&D 4-10	W.
464310	3-10	12th Dist	Outline of radio work North Is. San Diego	W. 604
492002	5/11	Chasn. copy	North Is. and schedule modified owing to urgent instn work.	W.

Number.	Date.	From or To—	Subject.	
493249	5/8	Chasn.	Quarterly inspection report	W.
494359	5/18	Y&D	Request addtl allotment covering constr of barracks. To Y. D. allotment made 5/22 Y&D Copy of action to Chasn. 5/26 W	W

DIRECTION FINDERS GLOUCESTER RADIO COMP STATION.

Number.	Date.	From or To—	Subject.
511594	FROM CARD #1		Boston- Subm estimate with recommendations. 10/15 W. To Boston a. va 10-18
525509	10-26	Boston (copy)	Station placed out of commission to install new coil frame preliminary to recalibration; W
527402	11/1	Boston	Quarterly inspection report. L.
540593	1/14	Boston 1921	Record of maintenance allowance be increased to \$1200. To Boston increase 1-21
545499	2/8	Boston	Quarterly inspection report. W.
546100	2/8	Boston	Quarterly inspection report. W.
586950	9/22	Boston	Quarterly inspection report. W/ To Boston- Gives instrns 10/13

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DIRECTION FINDERS: GLOUCESTER RADIO COMP STATION

Number.	Date.	From or To—	Subj. ect.	
459 021	11/20	Boston (T)	Request authority to furnish Station with 12 vacuum tubes. To Boston (T) Granted 11/21	W.
460098	11/28	To Cdt Boston	Rel to relocation of telephone. W	
462090	12/6	Communications	Recom endation, rel to compass station at Gloucester for relocation for reasons given. W	
462453	12-23	To Boston	Radio compass station, Gloucester, Relocation of. W Boston-submits report-1:21 To Cdt Boston 2/5 1920	
468676	1/10 1/12	1st Dist. Communications	Quarterly inspection report. Fwd D.N.C. 1-14	W.
471763	1:22	Boston	Quarterly inspection report. W	
478724	2/27	Boston	Subm outline of radio work, fiscal year 1921 radio comp station, Gloucester. W. To Cdt Boston 3/5	

N.S.E. Form 134.

DIRECTION FINDERS: GLOUCESTER RADIO COME STA.

Number.	Date.	From or To—	Subject.
49448	3/5	To Sol	Radio station Gloucester- obtaining permission for use of private property to build on. Was copy of letter to Coast Guard granting permission to occupy this property - Request take up with J.T. Morse, re: use of property.
486200	4/5 4/7	1st Dist Communications	Quarterly inspection report rwd D.H.C. 4-9 W.
498061	6/4	Boston	Quarterly inspection report W.
408512	6/4 6/6	First Dist: Communications	Quarterly inspection report rwd Co. C-16 W.
511594 TO CARD 2	8-17 Boston- Request decision on Gloucester site. To Boston via Y&D Docks satisfactory 8/29	To Boston 8/10 W.	Request survey be made to procure site for ~~permanent~~ permanent establishment of station Gloucester W Boston- Was sketch showing proposed location with recommendations. 8/27 W. Jan 10/14 Report of inspection. W.
512958	8/19	Boston	
521039	10/4	Y&D	Copy of endorsement to Boston authorizing necessary repairs to compass station. W.

Number.	Date.	From or To—	Subject.
618837	4/11	New Oln.	Quarterly inspection report. W.
635281	7/28	Dept	Grand Island compass station will be closed and abandoned. W.
641807	9/16	Dept	Copy of letter to 8th Dist. rel to placing Grand Isle station out of commission. W.
642314	9/21	8th Dist. Copy	Compass station will be placed out of commission 8/24. W.

DIRECTION FINDERS

GRAND ISLE COMF STA

1921

Number.	Date.	From or To—	Subject.
564716	5/16	New Orln.	Request \$500 from allotment covering dormitory be re-allotted cov instln of underground gasoline tank via Y&D 5-28 Y&D- Copy action to New Orln. W. 6/3
567371	6/2	Y&D	Re-allocate dormitory and provide kitchen connected with saving from allotment.
576657 6	7:22	Y&D	Estimate for Public Works 1923 project No. 2 purchase of residence and lot for living quarters for station employees. Iwd Y&D 7/27
578209	7/27	New Orln.	Recommend in tln of auxiliary generating unit- such estimates.
584496	9/13	To Dept	Rental of building. Recd authy to lease same W Dept- Authorizes renting building. 9/17 W
590436	10/14	New Orln. (T)	Request auth to install gas engine generator. To NO- Given instme 10/22 New Orln. 11/1 W

DIRECTION FINDERS GRAND ISLE COAST STA

1921

Number.	Date.	From or To—	Subject.
599890	12/8	New Can.	Quarterly inspection report. W.
506460	1/23	New Orln.	Quarterly inspection report V.
583498	8/25/21	New Orln.	Subm estimates cov expenditures for repairs, etc.
616149	3/30	8th Dist. (A)	Part of packing outfit at Grand Isle station. Request consider transferring same to 8th Dist. To NO- Request equipment be shipped NO 4/5 th Dist- 4/15
617501	4/5	Dept	Telegram to 8th Dist. Directly sent from 10th Dist station pending further orders.

DIRECTOR FINDERS GRAND ISLE COMPASS STATION 1920

Number.	Date.	From or To--	Subject.
507034	7/22	New Orln Copy	Request authority to use Coast Guard kitchen and dining room until completion of Navy building. W. To T.O. (T) 7/24 New Orleans T-333 sends new allotment of three thousand dollars 7/27-3 To T.O. via Y&D 7/30 re: GRAND ISLAND. RB 8/28 W
509446	8/3	Y&D	Sends copy of Public Works estimate covering project purchase of residence and lot for living quarters. AW and Y&D 8/11
510122	8/2	Y&D	Copy of letter to New Orln making allotments requesting expedite work. W
510685	8/9	New Orln Copy	3 - express stations will be created beginning 8/11. Grand Isle now open to commercial traffic. W.
6476 517476	9/3	New Orln.	Request allotment furnished for ammeter and voltmeter to Grand Island. Snip from Norfolk to Grand Isle 12/2
516553	9-22	To S&A	Request shipment of radio amplifier from Washn to New Orleans W
519173	9/20	New Orln.	Quarterly inspection report. W.

DIRECTION FINDERS GRAND ISLE COMPASS STATION 1920

Number.	Date.	From or To—	Subject.
520694	9/28	New Orln.	Request station be furn with magazines and periodicals W. To H 10 Records shld be made by H- to supply periodicals where needed 10-15
535409	12/17	New Orln. [T]	Request Grand Island compass station be directed to authorize insula to water tank in armory attic To Coast Guard 12/22 To Coast Guard 12/21
536			
545578	1/1	New Orln.	Priority inspection report.
550594	3/9	Grand Island 8th Dist.	Subm report on static. W.
551161	2/23 3/12	Grand Isl Comp Sta Communications	Subm static report W.
551590	3:9 3:15	Grand Isle Comm	Submits static report.W
553480	3/15 3/21	New Orln. 8th Dist.	Housing conditions at Grand Isle station and Fwds prints, with recommendations. W. To H N via 8 Dist Reqst records be subm 3/29

DIRECTION FINDERS; GRAND ISLE COMPASS STATION.

Number.	Date.	From or To—	Subject.	
457351	11-19	New Orln.	Rest 2 additional storage batteries be furnished for station.	W
458944	11/22	To S&A	Request shipment fr Phila to N.O. gas engine battery charging unit. W RB-1;30 N Ori-1:27 to N.O. via S&A 2/2	
461401	12/1	New Orln.	Will be ready for establishment of true North & South line by 12/10. W.	
462193	12/5	New Orln	Request library be furnished for use of station personnel.	W.
466363	12/27	New Orln.	Progress report.	W.
473619	1/30	New Orln.	Progress report.	
474256	1/31	New Orln.	Request obtain permission from Coast Guard to bury two gasoline and kerosene tanks directly beneath radio room, Coast Guard Bldg. #214.	W.
	To Phila 3/5 New Orln. 4/15 To Coast Guard- request reconsider of previous request 5/8		To Coast Guard 2/9 Coast Guard 2/16 Coast Guard- 5/11 W.	

GRANDE ISLAND, LA.,

-1920-

Number.	Date.	From or To-	Subject.	
474755	2/3	New Orln	Comp Sta at Grand Isle is ready for operation. W	
479427	3/3	N Orleans T	Necessary to install cooling tank in connection with radio gasoline engine - request authority be obtained from Coast Guard for work - W	
481255	3-31 T&D Copy 5/11. New Orln-	To IM N.Orln of action to New Orln Fwds requisition. 5/29 W	Authorizes changes and additions for station allotment of \$3000 made covering cost of material and labor as outlined. W To Coast Guard - request authority for changes GRANDE ISLAND 4/13 New Orln Fwds prints, recommendations and estimates. 4/15 W. Coast Guard - 5/5 - W	
488184	4/15	New Orln	Subm report on calibration	W.
488183	4/15	New Orln	Request allotment of \$1449.84 cov Buf also gas engine unit furnished. fwd Phila via S&A 4-14 RB 5/8 - W fwd M.O. via IM 5/14	W.
491305	4:1	N Orln copy	Request approve allotment card covering improvements to W New Orln- (T)- Request approval of allotment covering improvements. 5/14	W.

Number.	Date.	From or To—	Subject.	
642022	9/19	Norf.	Request auth covering construction of addition to engine house. 7. To Norf via Yds & Docks— grants authority Y&D— Copy action to Phila. 9/25 7	9/23
650727	11/22	Norf	Quarterly inspection report W	

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DISPOSITION FINDERS NOT ISSUED GNP JIM 1922

Number.	Date.	From or To	Subject.
/ 615600	3/27	Y&D	Copy of letter to Norf. stating approved credit cards will be fvdq1 cov savings under allotment 3/27 7. Y&D- Returns savings under allotment 5/27 7
/ 615979	3/29	Norf. (T)	Request two amplifying transformers be furnished for receiving set. To Norf- (T) Disapproved 3/30 Y&D- Request expedite shipment of transformers To Norf- Gives inform rel Receivers 4/14
/ 615327	3/31	To Norf	Naval Radio Compass Sta- Hog Island- outbatteries for- Gives disposition of worn
/ 618721	4/15	Y&D	Axis prints showing proposed sewer outlet for compass station. 7. To ds & docks- Gives inform 5/13 Y&D 5/27 Fwds Y&D 5/3 W

DIRECTION FINDERS HOG ISLAND COLE STA 1922

Number.	Date.	From or To--	Subject.
621138	5/15	To. Hon Sec of Treas Actg Sec Sig	Reqst inform rel prints--rel sewer line W Treasury Dept. Authorizes. 5/31 W.
627142	5/6	Phila.	Copy of letter to Y&D requesting rugs and carpets listed b a furn for Hog Isl. Sta. W.
628152	5/14	Norfolk	Quarterly inspection report W
633651	7/19	Norfolk (T)	Interfering Hog Island Virginia Beach Wire due to open circuit. W.
636868	8/9	Norfolk (T)	Land line Hog Island and Virginia Beach out of commission. W.

Number.	Date.	From or To—	Subject.
✓ 611668	2 / 28	Y&D	Copy of letter to Norf. stating allotment made cov repairing roofs of barracks.
✓ 611682	2/28	Norf. (T)	Land line Hog Island to Virginia Beach out of commission - coast guard is installing cable. W.
611949	2/28	Norf.	Request auth to prepare requisition cov window shades. W.
612126	3/3	Norf. (T)	Hog Island & Va. beach cable repaired.
613487	3/13	Norf. (T)	Hog Island line in commission and operating satisf. W.

DIRECTION FINDERS HOG ISLAND COLD STA 1922

Number.	Date.	From or To—	Subject.
606741		Fwded from card 4	To Coast Guard- Fwds prints showing location of tanks. Request comments W 3/11 Coast Guard- request prints showing location of compass buildings 3/28 To Norfolk via Lds & Docks- Request prints 3/25 Y&D- Location of compass buildings- fws prints 3/28 Y&D- Copy action to Lds. 3/26. 7.
614579	3/23	To Norfolk	Radio compass Stations, Hog Island, Virginia Beach and Lynnhill- Fws data sheet photostat copy W
615211	3/24	Y&D	Vacuum pumps for heating system obtained from Shipping Board at Norfolk Isl. Same are duplex two and cannot be used. 7. Y&D- Copy action to Lds. r Phils. 3/24 7.

DIRECTION FINDERS HOG ISLAND CAMP STA 1921

Number.	Date.	From or To—	Subject.
589103	10/6	Norf. (T)	Calibration at Hog Isl completed- station in commission. W.
598799	11/15	Norf. Copy	Hog Island Compass land line in commission W
600474	12/14	Norf.	Report of calibration. W.
600906	12/17	Norf. Copy	Land line restored. W.
601243	12/19	Norf.	Quarterly inspection report. W.
602066	12/27	Norf. (T)	Heating system and crews quarters out of commission- estimates copy work W. To Norf (T) Approved 12/28

DIRECTION BIND RS 1922

HOG ISL 3117 STA 1922

Number.	Date.	From or To—	Subject.
603250	1/5	Y&D	Copy of telegram to Norf. and bringing repairs to heating system. 7. Y&D copy action to Norf. 1/5 7 Y&D copy action to Norf. 1/5 7 Y&D copy action to Norf. 1/5 7
603884	1/10	Norf. (T)	Simplex circuit, Hog Isl. and Virginia Beach out of service—request cable script be returned from Coast Guard to repair.
606741	1/26	Norf.	Request auth to install underground fuel tank storage tank at North Isl. Cape Lookout and Cape Hatteras. 7. Request auth to build on 300 sq ft. of land at North Isl. Cape Lookout and Cape Hatteras. 7. Coast Guard—request prints showing location of compass buildings. 2/11 W To Norf—reqt blue prints, data, etc. 2:24-W Norf—reqt print showing location of fuel storage tank. 2/23 Request allotment cov repairs to barrack roof. 7. Fwd Y&D—allots \$75. for repairs-2:24-W-K
609075	2/7 2/10	Norf. Y&D	

Number.	Date.	From or To—	Subject.
553323	3/23	Norrf.	Quarterly inspection report. W.
553493	3/24	Y&D	Have made allotment to Norrf. covering cost of installing casement window at Hog Island Cape Lookout Cape Hatteras and Pointer's Hill Compass Station. W. 919-1
553			Y&D—copy of action to Norrf. 3/23 W To Y&D & Docks Allotment made 3/28
558829	4/17	Hog Isl. Sta.	Static log, month engine 4/15 W.
570634	6/18	Nord.	Recalibration of Hog Island station- fwd's report covering. W.
570818	6/20	Norrf.	Quarterly inspection report. W.
572291	6/29	Norrf. Copy	Land line out of commission. W.

DIRECTION FINDERS HOG ISLAND CAMP STA 1921

Number.	Date.	From or To—	Subject.
577262	7/26	Norrf. (T)	Request inform rel to routing of radio apparatus and when sig batt rics will be accepted. W. To Norrf 8/3
578917	8/3	Norrf. Copy	Applications circuits, Hog Isl. to "E. Ocean" station the to "H. Ocean" station but all commis- Norrf. Copy- Land line still out of commission. 8/9 W.
579709	8/3	Norrf.	Recommend Hog Isl. station be provided with new typewriter. W.
581149	8/16	Norrf. I	Request typewriter be furn Hog Isl. WK To Norrf. Authorized 9/1
586229	9/9	Norrf.	Quarterly inspection report W/
588573	10/4	5th Dist Copy	Destry arrived Hog Isl. Rqst permission to calibrate. W.
588925	10/5	Norrf. (T)	ompa's station out of commission for recalibration. W.

TRANSMISSIONS HOG ISLAND COMBINED STATION.

Number.	Date.	From or To—	Subject.	
488860	4/18 4/21	5th Dist Communications	Quarterly inspection report fwd COM 4-23	W.
498681	5/9	Norff.	Report of modulated telephone instln at Hog Island. Fwds.	W.
503206	7/3	Norff.	Quarterly inspection report	W.
504761	7/8 7/12	5th Dist. Communications	Quarterly inspectio. report fwd Com 7/14	W.
504948	7/12	Norff.	Submarine with prints covering alterations.	
507533	7/24	Norff.	Station out of commission two days, due to wear and tear of engine generator unit; Deico outfit work.	
509313	8/2	Y&D	Copy of endorsement to Norff. posting expedite constrns of barracks at Hog Island and Capeatteras Comp stations.	W.

DIRECTION FINDERS HOG ISLAND COMPASS STATION

Number.	Date.	From or To—	Subject.
519620	9/27	Norrf.	Quartetly inspection report. W.
53381	12/9	Y&L	Was specifications covering double barracks and addition to battery charging house. W.
534351	12/11	Norrf. (T)	Subm. estimates covering cost of Armored cable for. W To Norrf Tel 12/13
534292	12/4 12/11	Island Water Sta. Communications	Subm. report on condition in general prevailing at Hog Island during storm. W. Norrf - Not possible to remove station from vicinity of Hog Island. 12/20 W
534325	12-15	To Norrf	Increase maintenance allotment - report covering W
535121	12/15	Norrf/	Quarterly inspection report. W. To Norrf 12/22
543052	1/28 2/1	Norrf Y&L	charges in double barracks - fwd. for estimate to be made. W and Y&L 2-3 131 - action to Norrf. 2/8 W

HOG ISLAND COMPASS STATION.

Number.	Date.	From or To—	Subject.	
456889	12-8	Hamp Rds (copy)	Hog Isl Sta out of commission; Cape Henry Sta also out of commission.	W
457634	11/13	5th Dist copy	Hog Island Station- still unable to communicate with control station on account of pole line being washed out.	W.
457783	11/13	Norfolk	Exds report of calibration of.	W.
463065	12/12	5th Dist Copy	Hog Island compass station out of commission- cracked cylinder head.	
465728	12-28	Norfolk (copy)	Station out of commission; W	
466085	12/23	Communications	Recommends spare audion control box and two stage amplifiers be supplied Hog Island Radio compass Station.	W.
466255	12/31	Norfolk Copy	Hog Island unit in commission.	W.

HOG ISLAND COMPASS STATION

Number.	Date.	From or To—	Subject.	
469836	12/31 1/16	Ham. Rds. Communications	Quarterly inspection report. Fwd D.N.C. 1-19	W
-1920-				
476005	2/13	Norfolk Copy	Subm report of inspection of Hog Island Compass station, with recommendations. To Norfolk (T) 2/16 Norfolk: fws prints: 2-24; Norfolk- Progress report 3/2	W.
475705	2/14	To IM Norfolk	Request further information in re to trans- mitter for compass station Hog Island. Norfolk-Subm information requested 3/4	W
479584	3/3	Norfolk	Copy of telegram to Dept requesting authority for overtime work at Hog Island Station- W	
479577	3/3	Norfolk	Back for telephone battery - fws print -	W
483941	3/25	Norfolk	Quarterly inspection report	W.
464310	4-6	Norfolk	Outlining of radio work Hog Island radio compass sta: W	504

DIRECTION FINDERS FOURTH CLIFF RADIO COMPASS STATION

←3251

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DIRECTION FINDERS

FOURTH CLIFF RADIO COMPASS STATION

1922

Number.	Date.	From or To.	Subject.
621168	4/10 4/28	Boston Y&D	Subm estimates cov addtl work in conn with barracks. W. Fwds ⁴ ds & Docks 5/5
622150	5/5	Y&D	Copy of letter to Boston auth additional work on double barracks. W.
624941	5/22 5/23	Boston (T) Y&D	Recommends additional allotment cov increased depth of well. W. Fwds Y&D 6/8 W K
625358	5/25	Y&D	Copy of letter to Boston auth substitution of Armco Ingot iron septic tank for concrete septic tank. W.
623705	5/17	To S&A 307	Reqt shipment of battery charging unit Norf to O-I-C Fourth Cliff W

DIRECTION FINDERS FOURTH CLIFF RADIO COMM STA 1922

Number.	Date.	From or To—	Subject.
✓ 626154	6/1	Y&D	Copy of letter to S&A fwding Boston requisition cov purchaser of furniture for station. W.
✓ 626869	6/5	Y&D	Copy of telegram to Boston authorizing addtl allotment. W.
✓ 633339	7/17	Y&D	Digging of well has been abandoned - could not strike good water. W.
✓ 635333	7/6 7/29	Boston Y&D	Recommends allotment be made cov drilling of well. W. Fwds Yds & Decks 8/4 RB 8/8/ W Fwds Y&D 8/15 W. Y&D - 8/7 Boston - Reagney addtl allotment of \$600.9/1 W Fwds Yds & Decks 10/25 9/25 W. Y&D - Copy action to Boston. 9/25. W To Yds & Decks - Gives Action taken 9/29

DIRECTION NUMBER FOURTH CLIFF HUMBROCK RADIO CUTE STA.

Number.	Date.	From or To-	Subject.
566798	5/27	Y&D	Copy of telegram to Boston authorizing call for bids for wells. W.
583669	9/1	Boston	Quarterly inspection report. W.
599599	12:8	Y&D	Copy of letter to Boston relative to modifications of plans covering double barracks for crew. W.
605199	1/17	Y&D	Copy of endorsement to Boston stating no award will be made under bids covering driving and testing pump wheel. W.
607810	1/31 2/3	1922 Boston Y&D	Request allotment covering purchase of land at 4th Cliff, Scituate, Surfside and Mantucket. W. Fwd Y&D-allots \$2,615 for purchase of land-2;24 W-K

1922

Number.	Date.	From or To--	Subject.
/ 608101	2/4	Y&D	Rwd specifications cov barracks. Y. Y&D - Copy action to Boston. 3/16
/ 611666	2/28	Y&D	Copy of letter to Boston stating expenditure cov cbst to purchase land for radio compass station at 4th Cliff and Surfside has been authorised. Y.
/ 612147	3/3	Y&D	Radio compass bearing and drilling well- request additional allotment cov Y. To Y&D & Dock - allotment made 3/11
/ 616727	4/3	Y&D	Copy of endorsement to Y&A requesting auth for Y&D - Barker Artesian Well cov drilling of well. Y.
/ 618971	4/14	Y&D	Copy of endorsement to Boston requesting estimates cov cost of storm doors windows screens etc be furn. Y.

DIRECTION FINDERS: FOURTH CLIFF, HUMAROCK RADIO COMP STA

Number.	Date.	From or To—	Subject.
457772	11/10	Boston	Quarterly inspection report. W.
480136	3/5	Boston	Quarterly inspection report. W.
480352	3-10	To Coast Guard	Radio Compass Station, Fourth Cliff, Mass. Status of Station #28. Advise when the property desired will be acquired W Coast Guard - no funds available for erecting Coast Guard station on new site -3/16
532193	12/1	Communications	Will place station in commission on 12/10 W To Comm 12/6/20
532648	12/3	Boston Copy	Request authority to use unexpended portion of allotment covering repairs to Gloucester for repairs to Humarock compass. W To Boston 12/6 copy Y&D Y&D - Copy of action to Boston. 12/9 W Boston 12/10 W fwd Com 12/14 RB 12/16 W
554817	12-21	To Coast Guard	Request info re station Fourth Cliff- W Coast Guard - Has tracing showing proposed site. 12/25-31 Boston - fws print of lot for permanent sta. fwd Sec 2/21 RB 2-28 fwd Sol via Y&D 3-8
	12-21	Solicitor fws letter from W. A.	
	Tapley 4/5	W	
	Solicitor 4/8		
	Solicitor 5/23	W.	
552832	3/21	Boston	Request action on purchase of site at 4th Cliff for compass station. W.

DIRECTION FINDERS FOURTH CLIFF HUMAROCK RADIO CAMP STA

Number.	Date.	From or To--	Subject.
555874	4/4	Boston	Quarterly inspection report. W.
557883	4/18	To Yds & Dock	Recd. Steps be taken to obtain bids on new construction work at Station W Fwd Yds & docks 4/23 AS 4/21. W
560305	4:26	Y&D	Copy of letter to Boston fwding prints showing new construction for W
560747	4:28	Y&D	Copy of letter to Phila fwding monthly reports under allotment chargeable to Engineering 1921. W
562624	5/7	Y&D	Copy of telegram to Boston authorizing construct basements in barracks at Fourth Bluffs and Surfside. W.
562944	5-11	To Boston Tel	Recd. expedite papers Fourth Cliff and Surf Side land W
563537	5/12	Y&D	Copy of letter to Boston approving plan showing double barracks for Fourth Cliff and Surfside. W.

MANASJUAN

DIRECTION FUNDERS

--MANTALOKING COMPASS STA 1922

Number.	Date.	From or To—	Subject.
✓ 638009	8/22	3d Dist.	Quarterly inspection report. W
✓ 641477	9/13	3d Dist	Quarterly inspection report. W.
✓ 641280	9/16	To S&A 1072	Reassignment of coil from Phila to SO M. W En 11/12 W
616366	FROM CARD #2		M. YN Request provide funds 8/19 W to T-Relocation to manasquan 9/25

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DIRECTION FINDERS

MANTOLOKING STATION

1922

Number.	Date.	From or To—	Subject.
✓ 644181	10/5	3d Dist. (T)	Mantoloking compass out of commission; being moved to Manasquan. W.
644696	10/11	To NY	Radio compass Station Manasquan N J - location of- reqs longitude and latitude of W Gives latitude and longitude. 10/18 W
647559	10/30	Atl. Coast Supt	(T) Manasquan out of commission for calibration. W.
647879	11/1	3d Dist. Copy	Calibration completed. W.
652941	12/9	Y&D	Gives numbers assigned to Compass Stations W Fwd 3rd dist. 1/6/23

DIRECTION BINDERS MANA KING RADIC POINT STATION

Number.	Date.	From or To—	Subject.
290033	10/11	Phila.	Quarterly inspection report. W.
		1922	
503066	1/3	Phila	Request authorize issue of standard s receiver station W. To Phila and dated 1/7/22 To Phila - gives district of applicator 1/19 To Phila gives action 1/21
✓ 504256	1/12	Phila.	Quarterly inspection report. W.
✓ 606808	1/13 1/27	Lakehurst Y&D	Fwd print of Mantoloking compass station also sheets of inspection report. W. Y&D - 3/10 W. Fwd Yds & Docks 1/13 cc Phila. RB 2/16 Fwd Y&D - \$100 to cover disantling - 24-W Y&D - Copy action to Dist. 3/25 Fwd Yds & Docks 3/25

DIRECTION FINDERS MONITORING RADIO CWT STA 1922

Number.	Date.	From or To—	Subject.
616366	?	N.Y.	Has secured permission from N.J. National Guard in connection with relocation of station-fwds prints. 7. Fwds Dir Comm 4/7 To NY via Ads & Docks - Relocation cc Dir Comm Phila 5/13 N.Y. - Recommendations cov allotments. 5/25 W To NY - Phila - Gives inform 5/1 To New York via Y&D Authd 5/3 WK N.Y. - Request truck assigned to station be replaced. 7/10 W. Fwds Y&D 8/31 W RB 8/24/22.W.
624104	5/17	Y&D	Copy of endorsement to N.Y. auth prepare plans and specifications for new radio compass building at Manasquan. NY Y&D - Copy action to N.Y. 5/17 W Y&D 5/23 - Request auth additional allotment W To Y&D - Authd 6/30 WK 3d Dist. 6/28
624270	4/24 5/18	Phila. Y&D	Ask if Bureau has a Ford truck which could be furn station in lieu of repairing truck now on hand. W. Fwds Phila 5/1
638764	5/30	Phila.	Quarterly inspection report. W.

DIRECTION FINDERS: MANTOLOKING RADIO COMPASS STATION

-1919-

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Number.	Date.	From or To—	Subject.	
463057	12/12	NY	Quarterly inspection report - W	
NY SO 39	1/2 2/3	Fwded Asst Secty	Recn covering garage rent- for use of personnel at station truck assigned to that station WR	
484723	3/30	NY	Quarterly inspection report	W.
490273	4/22 4/27	3d Dist Communications	Quarterly inspection report fwd Com 4/29	W.
507751	7-26	Phila	Report of inspection; W	
512825	8/23	To Phila(T)	To Phila does not concur with changes in instn 8-4 MO TOLOKING states amplifier being instead. Reqt this work be abandoned.	W
517097	9-11	Phila	Quarters added; fwsd prints and estimates; W	
525500	10-20	Phila	Report of inspection of Mantoloking Radio Comp Sta; W	

DIRECTION FINDERS MANTOLOKING RADIO COMP STA

Number.	Date.	From or To—	Subject.
533200	12/6	Phila.	Calibration of station completed. W.
5	Phila-Fwds map of Point Pleasant	To Phila 12/28	Phila. 1st authority to transfer allotments.
	and option on property. 8/20 W		5/16 W.
534187	12/10	Y&D	Fwds Phila. drawing showing Coast Guard bearings at Mantoloking and proposed alterations. W.
538798	1/6	Phila.	Request inform rel to ownership of property on which station is located. To Phila auth to use site 1-25 4th Dist- 1/1
540741	1-21	To Communications	Quotation from quarterly inspection report of station W copy Phila RB 1-28 4th Dist-Fwds print showing working sectors and areas with report on. 1/28 W Fwd N.Y. 2-3-21 RB 2-11 Communications 2/16 W Fwd NY via Comm 2-28 RB 3/24 W
54477	2/4	Phila.	Station rel to location of station at Mantoloking. To Phila - will not furnish additional batteries at this time 2-11
557669	4/14	Phila.	Quarterly inspection report. W.
555179	7/20	To N. Y.	Radio compass relocation of Mantoloking. W copy Comm and Comdt Phila

Number.	Date.	From or To—	Subject.
✓ 651008	11/23	New York	Report on alteration and changes to be made in cable between compass and transmitting station To NY- substitution of cable appvd 12/7
✓ 654473	12/15	Dept.	Copy of letter to 3 District giving instructions covering Duval operation of Amagansett receiving station W

Number.	Date.	From or To—	Subject.
643504	9/29	Y&D	Copy of letter to NY authorizing repairs to radio compass house W ED- Ref to repairs to radio compass house. 10/10W Fwd: Y&D 10/13 W
64			
645275	10/12	Y&D	Copy of telegram to N.Y. authorizing and expenditures on radio compass house and engine house. W.
645895	10/17	NY.	Furnished Coast Guard motor sailer for laying communication cable across shoals to compass station. W.
649083	11/10	3rd District Copy	Compass. Its out of commission for recommissioning and calibration W

DIRECTION FINDERS MONTAUX RADIO COMPASS STATION 1922

Number.	Date.	From or To—	Subject.
649375	11/13	3rd District	Copy. Station will be placed in commission. Will furnish no independent hearings until calibration is completed D
649529	11/14	3rd District	Copy radio stations placed out of commission for completion of calibration W
649942	11/17	3rd Dist copy	Calibration completed. Will be placed in commission 11/30 W
650809	11/23	3rd Dist copy	Station placed in commission W

DIRECTION FINDERS MONTAUK RADIO COMPASS STATION 1920

Number.	Date.	From or To--	Subject.
✓ 525229	1 ⁰ /22	N.Y.	Quarterly inspection report. W.
542675	1/24	Boston	Quarterly inspection report. W.
544753	2/4	N.Y.	End report of contribution. W.
563836	5/13	N.Y.	Subm outline of radio work, fiscal year 1922, Amagansett. W.
563835	5/13	N.Y.	Subm outline of radio work, fiscal year 1922, Montauk. W.
573835	7-8	To N.Y.	Reqst continuation of lease for station Montauk Point W.
585086	9/12	Y&D	Reqst allotment of \$247. for instln of wiring electrical service. W. FWC 128 Doc 5 cc BY 5/21 Y&D- Copy action to N.Y. 10/15 W
✓ 588146	9/19 9/29	3d Dist. Jag.	Renewal lease with Montauk Dock and Imprvt Co. - Fwd's W. Fwd Judge Advocate General 10/5

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DIRECTION FINDERS LONTAUX RADIO COMPASS STATION 1920

Number.	Date.	From or To—	Subject.
590290	10/19	To Dir communication	Installation and calibration of radio compass apparatus completed on 9/27/21 W
		1922	
615016	3/25	To NY	Radio Compass Stations Amagansett and Sandy Hook data regarding geographic positions of Fwds data W
		19	
624470	5/20	3d Dist. Copy	Calibration of station completed. W.
627968	6/14	3d Dist copy	Compass Sta in commission W
642309	9/19	N.Y.	Request auth to supply LC Smith typewriter to Amagansett to replace typewriter used by Grant's authority to replace typewriter used by Woodward surveyd. W.

MONTAUK RADIO COMPASS STATION.

Number.	Date.	From or To—	Subject.	
457211	11-10	N Y	Reqst destroyer be detailed to calibrate station. To N.Y. re: assignment of vessel 11/13	W
457288	11/10 11/11	3d Dist Comp	Quarterly inspection report. N.Y. Com 11/14	W
457211	11/13	To		
457512	11/13	To Operations	Assignment of vessel DICKERSON for calibration of station Montauk Pt. W Reqsts same.	
457524	11/14	To IM N.Y.	Reqst make arrangements to transfer bunks now in use Montauk Pt. to Compass Sta. W	
458539	11-18	Dept.	Copy of telegram to Atlantic Fleet directing detail 1 destroyer to 3d Dist for temporary duty in conn with calibration of Montauk Radio Sta.	W

Number.	Date.	From or To—	Subject.	
458985	11/19	Pensacola (Copy)	Rodgers designated temporary duty, in conn with calibration of Montauk Radio Comp. Sta.	W
459335	11-21	Atl. Flt. (copy)	Have directed O'BRIEN to report to 3rd Dist for temporary duty in conn with calibration of Montauk Pt. Radio Comp. Sta.	W
✓ 463293	12/13	New York	Subm report on calibration of Montauk Radio Comp. Sta.	W.
466133	12/30	N.Y.	Quarterly inspection report.	W.
485351	4/2	NY	Quarterly inspection report.	W.
/ 500430	5/19	N.Y.	Quarterly inspection report	W.

Number.	Date.	From or To—	Subject.
533968	12/8	6th Dist.	Recommendations covering relocation of Morris Island Comp Sta to Folley Island; fws. prints.
Chas. Fwds of property.	1-7 2/9 W	prints showing plan.	And Commun 12/11 To Chasn 12-24 RE 1/5/21 To Chasn via Y&S & Parks Reconn. app wd 12-24 Copy of action to 6th Dist. 12 W. Relocation of Morris Island Comp Sta. W.
534939	12/14	Communication	
535034	12/13	Chasn.	Quarterly inspection report. W.
538057	1/3	Y&D	Copy of endorsement to Chasn authorizing removal of present buildings at Morris Isf. to new site on Folley Island. W/
547209	2/16	Boston	Subm report on geographic office of compass station. W.
548705	2/24	Chasn.	Copy of letter to Y&D fwding copy of abstract of title in conn with relocation of Morris Island compass Station on Folley Isl. W. Dept. Copy of action to Chas 4/16 W
555905	4/1	Chasn.	Solicitor- 5/10 W Quarterly inspection report. W.

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DIRECTION FINDERS MORRIS ISLAND RADIO CAMP STATION 1922

[illegible]

DIRECTION FINDERS MORRIS ISLAND RADIO CAMP STATION

Number.	Date.	From or To—	Subject.	
465758	12/22 12/27	Chasn. 6th Dist	Quarterly inspection report. To Operations: Fwd quarterly report. 1-8 RE 1/18 To Chasn via 6th Dist. 1-13 To Chasn re progress report made in calibration of compass stations under your cognizance. 2/6 Chasn Calibration will be completed when Sub-Chaser 201 is recommissioned. 2/10	W.
470315	1/17 1/19	Chasn Communications	Quarterly inspection report. Fwd D.N.C. 1-21	W.
480920	3/8 3/8	Chasn. 6th Dist.	Quarterly inspection report.	W.
464310	1-21	Charleston	Outline of radio work Morris Is Sta:	604
483356	3/29	Chasn.	Annual maintenance allowance, Morris Island camp station— should be increased	919-1
488519	4/16 4/19	6th Dist Communications	Quarterly inspection report Fwd Com 4-23	W

Number.	Date.	From or To—	Subject.	
492416	5/8	Chasn. Copy	Morris Island Comp Sta. placed in commission 5/7	W
~~495040~~	5/8	Chasn.	Subm recommendations and comments on inspection of.	W.
497519	5/27	Chasn.	Quarterly inspection report	W.
516849	9/13	AD	Copy of instrs rel to furniture for Morris Island.	
520745	9/30	Chasn.	Quarterly inspection report. W.	
528562	10/29 11/9	Chasn. Dept	Request authority to order yard workmen to Morris Island for duty in connection with construction of Class Station. W. rwd Secty 11-13	
530352	11/13	5th Dist.	Request authority to order yard workmen to Morris Island for duty in connection with construction of Class Station. W. rwd Comm 11/29	
Chasn.	11/23	5th Dist.	To Chasn 12/14	
528830	11-22	To Chasn via YAD	With material for station Morris Island W. YAD- Copy of action to Chasn. 12/1 W.	
532243	12/6	5th Dist	Copy- addtl allotment of \$2 000 required to relocate present buildings and equipmt W	

DIRECTION FINDERS NORTH TRURO RADIO STA 1922

Number.	Date.	From or To—	Subject.
641952	9/6	M.I.	Submits estimates in conn with relocation of station W To MI - estimated 12/2 M.I. 12/12 W
643724	10/7	To Boston 919-33	Radio Compass station Chatham- Ask disposition made of building and when land can be vacated and the lease terminated W Boston 11/27 lease may be terminated at any time Fwd's Dept via Yds & Decks 11/27

[illegible]

DIRECTOR'S OFFICE NORTH ATLANTIC RADIO UNIT

1920

Number.	Date.	From or To--	Subject.
535709	12/19	Y&D	Copy of letter to Boston inconn with cost of barracks. W.
538661	1-7	To Dirac N. v. Comm. un	Relocation of radio compass station Cape Cod. W.
540446	1/14	Boston (T)	Request 200 of allotment made on given Const ward to cover removal of old radio and cables near old compass house by overhead wire W To Boston Tel 1-15
553768	3/25	Boston	Quarterly inspection report. W.
566204	5/26	Y&D	Constn of compass house completed with savings from allotment. K
566462	5/27	Y&D	Copy of letter to Boston in conn with completion of compass house with savings from allotment. K
583667	9 1	Boston	Quarterly inspection report. W.
584025	4/9 4/16	Boston Y&D	Recommendations covering disposition of 1922 buildings at abandoned radio stations. North Truro and South Wellfleet- fws photos. W

Number.	Date.	From or To--	Subject.
591791	10/21	Y&D	Fwds instructions rel to submitting data for book "Published Work of the Navy" - W Fwd Boston 10/31
599300	12/7	Y&D	Gives saving under allotment cov crew's quarters and wind proofing quarters of officer in charge of compass station, North Truro. W.
513454	3/13	Y&D	Gives building numbers assigned to buildings at North Island. W. Fwds Chasn 3/16
523737	5/15	Boston	Quarterly inspection report W

DIRECTION FINDERS

NORTH TRURO RADIO STATION.

Number.	Date.	From or To--	Subject.	
465245	12/23	Boston	Quarterly inspection report. W.	
466027	12/27 12/29	1st Dist Communications	North Truro Radio Comp Station- Quarterly inspection report. Fwd Communications. 1-3	W.
465246	12/23	Boston	North Truro Radio Sta- Quarterly inspection report. W.	802
466023	12/26	1st Dist	North Truro Station- quarterly inspection report. W Fwds Communications. 12/31	802
✓ 465582	1-5	To Boston 1920	Fwds copy of report by the District Communications Supt. W Boston- 1/9	
478278	2/25	Boston	Quarterly inspection report.	W.
509905	8/8	Boston	Quarterly inspection report. W.	
510443			8/12 Fwd Commun.	

DISTRICT FIDERS NORTH TRURO STA.

Number.	Date.	From or To—	Subject.
✓ 515095	8/21	Boston	Request copy of revised compass houses Y&D fnds copy of letter. Reqs modification of lan. 9/8 Y&D- fnds prints modified, receiving room. 9/21 W
✓ 522310	10/11	1st Dist. Copy	Stations will be placed in commission 10 13 W.
✓ 523135	10-16	To C.A.	Request shift of batteries from Boston to Chatham 4003 1 RB 11/3 1
✓ 526929	10-20 10-30	North Truro 1st Dist	Request copy of machinery radio report; W
✓ 531921	11/29	1st Dist.	Subm report on bearings and static. W.
✓ 532619	12/2	1st Dist.	Subm report of bearing and static at North Truro. W.
535153	12/15	Boston	Quarterly inspection report. W.

DIRECTION FINDERS

F 33 A LOUISE LA RADIO COMPASS STATION 1921

Number.	Date.	From or To—	Subject.
558973	4/16	New Orln.	Quarterly inspection report. W.
565744	5/24	Y&D	Work in conn. with station completed with saving from allotment. W.
577447	7/21	New Orln.	Quarterly inspection report. W.
591352	10/18	New Orln.	Request auth to ship type writers to Grand Isle, Pass-a-Loutre and Burwood. W. To NO- dis appva 10/25
✓ 600356	12/9	New Orln.	Quarterly inspection report. W.
590140	1/16	Dept of Commerce	Rel to removal of compass station at Pass A Loutre to Port des. W. 919-1 Dept. Commerce 1/9 To NO- allotment 1/16 3/900 for To NO(T) hold project in abeyance for further instrs 3/20 see 919-1 error - changed to 919-1

DIRECTION FINDERS PASS A ROUTE RADIO COMPASS STATION 1922

Number.	Date.	From or To--	Subject.
/ 606461	1/23	New Orln.	Quarterly inspection report. W.
/ 615914	3/24	New Orln.	Quarterly inspection report. W.
/ 519186	4/18	New Orln. Copy	Request auth to place station out of commission. 4/20 W.
/ 622267	5/7	New Orln. Copy	Request disbursing officer advance expenses to radio mess cov subsistence of men. W.
/ 635495	7/31	Norri. (T)	Radio set grounded - Boyners Hill line out of commission due to electrical storm. W.

ADD A - DATE 1A.

1920

Number.	Date.	From or To—	Subject.
503350	7/27	New Orln.	Request authority to extend V.L.C. for to NO 8-2
516551	9-22	To S&A	Request ship of amplifier from Washington to New Orleans W
509530	9/18	New Orln	Lists improvements new at Pass a Loure. 919-1.
518856	9/15	New Orln. Y&D-copy of	action to New Orleans 11-24 W
OVER to Dist. radio officer to be present at trials. 10/19 W.			to New Orleans 10/1
New Orleans: submits estimates: 10-29 W			to New Orleans 10/1
519129	9/24	New Orln.	Subm list of spare parts for transmitter. W.
520372	9/30 10/1	New Orln. Y&D	Subm estimates covering additions and improvements to compass station. W.
520696	9/29	New Orln.	Request authority to install 1 KW marconi set and storage battery. W.
523009	10/9	New Orln.	Request action on request for transformers and amplifiers. W.

919 - 24 PASS A LOUTRE, La.

Number.	Date.	From or To—	Subject.
526408	10-28	New Orleans	Submits estimates covering installation of 3 k.w. Delco charging unit and 1-2 k.w. radio transmitter. W
528829	11-13	To S&A	Request shipt of Delco G&E engine driven Gen from N.Y. to N.Orlns for Pass A Loutre. W
519656	FROM OVER		New Orln. 11/30 W New Orln. - was action taken 12/10 of store house. 2/14 W fwd Y&D 2/23/21
534939	12/14	Communications	fwd reports of bearings taken on static by Pass A Loutre compass sta. W.
537821	12/29	New Orln.	Request allotment 200 covering instln of lighting system for dormitory buildings. W to N.O. 1/1/21
538846	2/12	New Orln.	Quarterly inspection report. W. To NO 2-212-21 New Orln. - gives reasons why missing system unsatisf. 3/1 W fwd Lavige via Dir comm 3/10 To NO 3-12
550592	2/23 3/7	Passa Loutre 8th Dist	Report on bearings. W.

PASS-a-LOUTRE LA.

Number.	Date.	From or To—	Subject.	
456447	10:24	New Or1	Expenditure report for ending of first quarter. reqst allotment of \$156.80 covering To N.O. reqn should be subm covering this special service 11/7 N O 11-22 Post auth to transf allotments. to N.O. auth 156.00 12/8	WR
459350	11-19	New Or1	Reqst 2 additional storage batteries be furnished for station.	W
461403	12/1	New Or1.	Will be ready for establishment of tru north and south line by 12/10. W	
462191	12/5	New Orln	Request library be furnished for use of station personnel. W.	
466503	12/24	New Orln.	Pass- A-Loutre - Quarterly inspection report. W	
468617	1/4	New rln.	Fwds photos of Pass a Loutre Comp Sta.	W.
472002	1:22	N Orleans	Fwds progress photographs. W	

919-24: PASS-A-LOUTRE LA.

Number.	Date.	From or To	Subject.	
472489	1:22	N Orl	Submits estimate covering copper sheathing of motor dory for PASS-A-LOUT radio compass station. W&Y	
✓ 472490	1:22	N Orl	Submits estimate covering copper sheathing of motor dory for Berwood radio compass station. W&Y	
CANCELLED - see 472490-919-5			New Orln. 2/14 P.D. CAP. 3/3 Y CAR- 4/6 Y	
481269	3/6 3/12	New Orln Y&D	request increase in allotment covering constructions of. fwd Y&D 3/15	W.
✓ 480739	3-11	To I.M. New Orleans	Control lines for compass station. W New Orln. 3/17	
485412	3/27	New Orln.	Request authority to increase estimated cost of requisition covering contract entered into with Dist. Engineers, Newark. And SEA 4-W	cost RW.
487826	4/14	New Orln	Subr. report covering calibration.	W.
498059	6/4	New Orln.	Radio compass error curves- fwsd.	W.

Number.	Date.	From or To—	Subject.
/ 601070	12/19	Y&D	Purchase of furniture for barracks completed with saving from allotment. 7. Y&D- Copy of letter to Boston returning balance. 12/19 W
/ 601807	12/20 12/23	Boston Y&D	Improvement to grounds- recommends small allotment cov be cancelled - can accomplish nothing. 1 W. Y&D- 12/20 Y&D- Return balance from allotment. 1/4 W Y&D- Copy action to Boston. 1/4 W
/ 621860	5/4	Boston	Quarterly inspection report. W.
/ 623703	5/17	To S&A 305	Regt. shipment of Battery Charge Unit from Norf to Price's neck W
/ 625904	5/29	Y&D	Copy of letter to Boston stating approved credit card will be fwded cov savings under allotment cov repairs to private road. W.

DIRECTION. "1" BUREAU PRICE'S NEW RADIO COMP ADAPTION

2 ✓

Number.	Date.	From or To—	Subject.
539845	1/6	Y&D	Copy of letter to Boston in conn with allotments made for quarters for radio compass personnel. W. Y&D—Copy of action to Best. 1/29 W
543131	1/26	Boston	Special allotment covering outfit of compass & parts and extension of telephone line in barracks camp. WK To Boston 2-2-21
548135	2/18 2/28	Boston Y&D	Subm list of equipmt recommended for furnishing single barracks. W. Cwd Y&D 2-11 Y&D—Copy of action to Boston. 3/14 W.
554015	3/26 m	Boston	Quarterly inspection report W.
571663	5/24	Boston	Quarterly inspection report. W To Y&D—defects of new barracks. 7-9 HB 9/2 W Y&D—Copy of action to Boston Y&D—Request return papers. 9/24 W. Fwd as & Docs 10/31
572118	5/18	Y&D	Copy letter to Boston stating approved credit cards will be fwded cov install of water system for barracks. KV. Y&D—Returns savings from allotment. KV. 6/25
583			

DIRECTION FINDERS PRICE'S NECK RADIO COMP STA. 1921

Number.	Date.	From or To—	Subject.
584632	8/3	Boston	Reports damages to road way -rust allotment to cover repairs. WK Fwd Yds & Docks cc Boston 9/15 RE 10/24 W Y&D Copy action to Boston. 9/15 W Fwd Yds & Docks 11/4 Y&D Copy action to Boston. 11/5 W
586279	9/19	Boston	Quarterly inspection report. W.
586684	9/20	Boston	Improvement to grounds at Station; fwds print with req. recommendations W Fwd Yds & Docks 10/13 AS 10/7 with plan W
587766	9/23	Chasn.	Quarterly inspection report. W.
590150	10/13	Y&D	Copy of letter to Boston rel to improvement to grounds at Compass station. W.
597278	11/1	Chasn.	Fwds radio compass deviation curve. W. To Chasn Returns deviation curves 12/10

DIRECTION FINDERS: PRICE'S NECK RADIO COMP STATION

Number.	Date.	From or To—	Subject.	
457855	11/13	Boston	Quarterly inspection report.	W.
		1920		
466618	12/30 1/2	1st Dist Communications	Quarterly inspection report. FwdD.C.S. 1st Dist Boston. 1-5	W.
480134	3/4	Boston	Quarterly inspection report.	W.
484534	3/30	CO Copy	Are proceeding with calibration Prices-Neck radio compass station - AW	290-Q-8
486140	4/5 4/6	1st Dist Communications	Quarterly inspection report fwd Comm 4-8	W.
493160	5/12	1st Dist Copy	Station recommissioned.	W.
495179	5/20	Boston	Quarterly inspection report	W

DIRECTION FINDERS: PRICE'S NECK RADIO COMP STATION

Number.	Date.	From or To—	Subject.	
498513	6/4 6/8	1st Dist. Communications	Quarterly inspection report P. 1 Com 6-16	W.
511184	8/11	Lostab	Quarterly inspection report.	W.
517760	9-16	Boston	Fwds sketches; recommends purchase of additional strip; W	
521278	10/5	Boston (T)	Request vandyke of grid leaks plan of quarters on Prices Neck Sta. W.	
531169	11;24	Boston	Quarterly inspen report.W	
534762	12/13	Boston	Quarterly inspection report. W.	
534970	1/14 Coast Guard- 1/10 W.	Boston	Ask what rights Coast Guard has to use privately owned road to compass station. To Coast Guard. reqst info 12/21 To Boston 1-6-21	
536077	12/21	YED	Ask if Bureau will authorize increase allotment for 12/21 of radio materials. To US & Rocks Auths solicited 12-28	

DIRECTION: WINDS ROCKAWAY BE CH COMPASS STATION.

1

Number.	Date.	From or To—	Subject.	
463055	12/12	N.Y.	Quarterly inspection report.	W.
464310	2/3	N.Y.	Outline of work, Rockaway Beach Radio Comp station. Fwds prints.	604
502135	6/28	N.Y.	Quarterly inspection report	W.
506704	7/21	N.Y.	Was sketch showing proposed locations of East End Reservation and Radio Compass reservation. To N.Y. re: survey 7-28 Fwds rough sketch showing proposed location of compass house. 8/15 To N.Y. re: relocation of Radio Comp Rockaway 9/1 N.Y.: suggestions for relocation. Fwds plan: 9-17: W To NY via L&D- rel location \$2000 allotted 9-27	
525231	10/22	N.Y.	Old apparatus removed from, not in condition for reinstal.	W.
563131	5/10	N.Y.	Fwds recalibration curves.	W.
563428	5/9	N.Y.	Rockaway Station calibrated - re: instrns To Nav Comm 5-16 W. fwd Comm 5/20 RB 5/27 W	

Number.	Date.	From or To—	Subject.
563829	5/13	N.Y.	Subm outline of radio work, fiscal year 1922. W.
596307	11/17	Y&D	Fwds sheets to be filled out cov misel data for data books Public Works of the Navy. W Fwd NY 11/29

DIRECTION FINDERS

SANDY HOOK COMF STA

1922

Number.	Date.	From or To—	Subject.
✓ 626073	6/1	N.Y. Copy	Calibration of Sandy Hook delayed on acct of weather conditions. W.
✓ 627246	6/8	3d Dist. Copy	Calibration of Sandy Hook completed- station in commission. W.
✓ 630571	7/3	To Western Elec Co	Suggests Sandy Hook Compass Sta be used for experimental work. W dc 3d nav Dist.
✓ 639010	8/22	3d Dist.	Quarterly inspection report. W.

DIRECTION PL. DERS

SANDY HOOK COMP STA

1922

Number.

Date.

From or To--

Subject.

641307

9/11

3d Dist.

Report of inspection. W.

648050

11/2

3d Dist. Copy

Sandy Hook calibration completed - station
placed in commission. W.

DIRECTION WINDER SANDY HOOK NJ 1920

1921

Number.	Date.	From or To—	Subject.	
534186	12/10	Y&D	3d Dist. has been requested to completed compass houses at Sandy Hook and Rockaway.	W
535038	12/15	Y&D	Copy of letter to 3d Dist. in conn with increased cost of water piping for barracks building. Y&D-necessary for Bureau to make addtl allotment 12/23 W To Y&D 12/20 Station 1/7 Y&D- copy of action to NY 1/7 W Y&D- Return a balance from allotment. 4/22 W	
542136	1/22	NY	Request allotment of \$3.00 for seating equipment To NY via Y&D 1-26 Y&D- Copy of action to NY. 1/29 W	
544062	1/24 2/1	N.Y. SEA	Forwarded invoices to cover charges for C&S line issued by Port Newark to radio station. Have not been received. W. fwd SEA 2-10	
546000	2/11	Radio Union of America	Request payment of March 1920 rental.	W
		CANCELLED- 566 1043		
553429	3/24	N.Y.	Fwd curves in conn with recalibration of station. W.	

Number.	Date.	From or To—	Subject.
559080	4/20	Y&D	Copy of letter to N.Y. in conn with elec meter for Sandy Hook compass station. W.
560306	4/26	Y&D	Copy of letter to 3rd Dis in connection with allotment covering installing water piping at San Diego. W.
563830	5/13	N.Y.	Subm outline of radio work for fiscal year 1922. W.
567217	5/1	Y&D	Elec meter installed with saving from allotment. W.
567368	6/2	Y&D	Copy of letter to N.Y. stating elec meter installed without charge to allotment. W.
574569	7-14	To Comdt N.Y.	Radio compass- Commn via Coast Guard lines between Sandy Hook and Mantoloking N.Y.- lcc to continue present leased lines thru August. 7/28 W.
577			

DIRECTION FINDERS: SANDY HOOK RADIC COMP STATION

Number.	Date.	From or To—	Subject.	
460892	11/28 12/1	3d Dist Com	Quarterly inspection report. Fwd Com 12/8	W
464976	12/22	N.Y.	Quarterly inspection report.	W.
485355	4/2	N.Y.	Quarterly inspection report	W
485774	4/3	NY	Fwds 800 meter calibration curve.	W.
491347	4/29 5/3	3d Dist Communications	Quarterly inspection report fwd Com 5/4	W
502994	7-9	To Y&D	Reqt constructions of compass house at station Sandy Hook. WA copy M Y&D - Copy of action to N.Y. 7/13	W.
503708	7/21	Fwd NY via Y&D 8/24 Y&D - Copy of action. 8/26	Reqt recommendations cov. FM; relocation of station. To L.S. auth relocation 7/26 Fwd L.S. 8/1	W. W.

Number.	Date.	From or To--	Subject.
507482	7/24	Boston	Was copies of proposed lease, Surfside radio station. W.
507565	7/20 7/24	N.Y. Y&D	Request reallocation 500 coverage station of a-c-c meter. W. Y&D 7/29 7-28 Y&D Copy of action to New York. 7/30. W.
508655	7/30	N.Y.	Quarterly inspection report. W.
515408	7/3	Y&D	Copy of strips to 3d Dist., radio buildings Sandy Hook and Long Beach. Y&D Request definite location be decided on. 9/1. W. To N.Y. 1-8-21
515168	9-8	Y&D-East Y&D-C-W Y&D	Y&D-East author add'l expenditure \$1,000.10/4 W To War Dept. Y&D-C-W action. 11/13 W. Y&D 12/4
516315	8/27	3d Dist.	11/1 To NY via Y&D 11/12 RB 12/3 W. Quarterly inspection report. W.
521745	10/5	Y&D	Was points of proposed radio compass installing. W.
531472	11/27	N.Y. ()	Request Y&D provide adequate screening of operation. Y&D revise plans accordingly. W. Y&D 11/30 RB 12/2 W.

DIRECTING FINDERS POYNERS HILL COMPASS STATION 1922

Number.	Date.	From or To--	Subject.
633211	FROM CARD	3	Communications 8/29 W. To Norf- instln disapproved 9/11
640723	9/6	Norf. (T)	Completion of motor boat delayed awaiting arrival of engine. WY To Norf (T) Spark set Poyners Hill disapproved 9/8
642390	9/22	Norf. Copy	Land line Poyners Hill, Cape Hatteras out of commission, due to storm W.

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DIRECTION FINDERS

POYNERS

HILL COMP STA

1922

Number.	Date.	From or To—	Subject.
642904	9/26	Nor. (T)	Coast Guard Communication line, Poyners Hill and Cape Batteras operating poorly. W. Norf—(T) Report on damage to buildings caused by rain. 9/27 W.
646438	10/15	Regular Branch Compass Sta	Static report W
650728	11/22	Norf	Quarterly inspection report W

DIRECTION FINDERS - ~~3-17~~ ISLAND COMPASS STATION 1922

Number.	Date.	From or To.	Subject.
567409	FROM CARD 2		Horf- Request immediate action. 3/16 W To-f 3/17 Y
616072	3/28	Horf.	Quarterly inspection report. 7
619375	4/19	Horf. (T)	Calibration completed at Poyner's Hill compass station. 7.

DIRECTION FINDERS STATION H ISLAND COMBASS STATION

1922

Number.	Date.	From or To—	Subject.
No Norf	15 A Rep	46-1/2 1922 5/29 Fwas	6&R Motor boat for station. Changes suggested in specifications Yc R
628204	6/14	Norfolk	Quarterly inspection report W
633211	7/17	Norf: (T)	Land lines between Cape Matteras and Royers Hill out- recommends instn of 1/2 KV spark transmitter at Royers hill- land line from Mt. Beach to Roc. Is. out. W.
TO CARD	4		To Norf- Request estimate be submitted 7/26 Norf- 8/14- Recommends tower be installed. 8/16 W.
635945	8/3	To Norf (T)	to Dir Comm- constrn of antnd- gives action 8/26 7303 Yr 2031 1620 See Buen letter 28 July W

Number.	Date.	From or To--	Subject.
550392	3/8	Y&D.	Have made allotment to No-f. cov cost of replacement of doors and windows. W. To Y&D 3-11
554377	3/29	Norf. Sum estimates cov cost of 18' daisy. To Norf 5-16	Quarterly inspection report. W. To M Norf Withdrawal of lead and cable Norf 4/15 W To Norf 5-11 In conn with moving weather Bureau pole line in vicinity of station. W. Fwd Communications cc M Norf 4/8 Communications - Copy of letter to Weather Bureau. 4/9 W.
555225	3/30 4/2	Weather Bur. Communications	
557803	4/14	Norf.	Gives latitude and longitude of stations, Virginia Beach, and Poyner's Hill. W. To Dir Comm - Gives positions of Radio Compass 4/20
558913	4/19	Norf.	Recommends line circuit between Poyner's Hill and Cape Hatteras be simplified. W. To Coast Guard 5-7 Coast Guard - Report of expenditures - 6/13 W Fwd S&A 6/20
559578	4/23	To S&A	Request shipment of 2nd battery from Norf to Poyner's Hill 7/14/21 W 6/17
565188	5/21	Norf. Copy	Request authority to place station in commission.
569902	6/15	Norf.	Quarterly inspection report. W.

DIRECTION FINDERS SMITH ISLAND COMF STA 1921

Number.	Date.	From or To—	Subject.
572702	7/1	Norrf. Copy	Communication line out of commission due to lightening. W.
573301	7/1	Norrf.	Fwds report on communication line out of commission. W.
✓ 587409	9/26	Norrf. 3/20/22. W	Quarterly inspection report. W.
CARD 3	to Norrf- 3/14	Reqst reqts expedited	To Norrf- Gives info 10/13
588407	10/3	Norrf. (T)	Norrf- Recdms not sufficient- 11/8 Norrf- Fwds sketch of sound and soundings. 12/15 W Recalibration completed- station in commission. W. Nor- Recdms motor boat be furn. 10/28 W
✓ 593791	11/1	Norrf. (T)	Telegraph circuit 3 uth of station out of commission. W.
✓ 600851	12/15	Norrf. n	Loyner's Hill- quarterly inspection report. W to Norrf- 12/15/21
✓ 603139	1/4	1922 Norrf.	Report on recalibration. W.
✓ 603688	1/5	5th Dist. Communications	Request boat be furn. Loyner's Hill Sta. W. Fwds Nav Communications 1/27 W

DIRECTION FINDER: WITH ISLE COMPASS STATION.

Number.	Date.	From or To-	Subject.	
459304	11-17	Puget Sound	Fwds maps of site for; also for Slip Point.	W
459749	11-17 11-24	5th Dist. Communications	Quarterly inspection report.	W
459686	12/3	To C & R	Reqst 32' motor sailer be assigned to Smith Is. Advising date of same. W C&R. Copy of letter to NY assigning 30' motor sailing launch to Smith Island Comp Sta. YW. <u>X 611-2</u>	
464163	12/17	Communications	Radio Compass Station at Smith Island will be placed out of commission, due to lack of operating personnel.	W.
465205	12/24	Norf. Copy	Smith Island Comp Sta placed out of commission 12/24.	W
473097	1:30	Norf	Quarterly inspection report. W - To Cdt 5th Dist 2/11 To Norf (T) 2/11	

Number.	Date.	From or To—	Subject.
474067	2/3	Communications To Norf. reqst action 4-3	Chesapeake Bay entrance compass station recomm. be re-located at some point south of Cape Henry
		Norf. Subm estimates and recommenda- tions with prints cov relocation of Smith Island Comp. Sta. 5/27 W	To IM Norf 3/6 Com. Station - request action. 4/20.
476425	2/19	To Dept Commerce	To Com- Norf H's been reqst to report 4-23 Fwd prints of stations Slip Point, and Smith Island, rel proposed location of radio comp stations. W
492423	5/8	Norf Copy	Subm recommendations covering relocation of station site/ W
		1921	
529234	1/8	Communications	Giv s address of Smith Island comp sta. K#
345066	1/28	5th Dist. S.C.F.	Lettr r from S. W. W. requesting old Smith Island compass station buildings be relocated to new site. And see 2-8 RD 2-15 To Norf 2-21 copy Y&D 3el

DIRECTION FINDERS

SURFSIDE RADIO TOWER STA 1922

Number.	Date.	From or To—	Subject.
✓ 646594	10/23	1st Nav Dist T	Surf side radio Compass station in commission W
✓ 648102	10/31 11/2	Boston Y&D	Request addtl allotment be made covering rebuilding of building or transmitting house. Fwds lds & docs 11/18
✓ 648286	11/3	Boston	Improvements in design of compass house— recommendations covering. W
✓ 648707	11/7	Boston	Fwds caribration curves W

DIRECTION FINDING SURFSIDE RADIO COMF STA 1922

Number.	Date.	From or To—	Subject.
650297	11/20	Y&D	Copy allotment to Boston for SURFSIDE W
650770	11/25	To Boston	Location of mast—Radio compass station Surfside W Regdts Inform Boston 12/12 W
653497	12/8 12/13	1st District Dept	Rel to effect of installation of radio transmitter on receiving apparatus. at station W To Oiemns— gives instrns rel operation cc Boston 1/5/23

1922

31

Number.	Date.	From or To -	Subject.
608099	2/4	Y&D	Allotment made will not be nec for constrs of barracks. W. To Y&D-reallots funds authorized on July 28th-2:28-W Y&D- Copy action to Boston. 3/11 W. Y&D- Returns balance from allotment. 3/4 W. To Y&D & Y&D- Gives instrns 3/11 Y&D- Copy action to Boston. 3/14 W. Y&D- Copy action to Boston 3/14 W. Y&D- Prints showing proposed location of barracks. 3/28 W. Y&D- Y&D 4/4 W. Y&D- Copy action to Boston. 4/6 W.
625091	1/31	Com. instructions.	Recommends Bureau assume charges for telephone line for Purfside Station formerly To Boston- Gives inform 5/2
624857	5/22	Y&D	Returns allotment left over from purchase of furniture for double barracks. W.
628363	6/15	Y&D	Copy of telegram to Boston stating bids covg compass house will be reopened W

919-29

Number.	Date.	From or To—	Subject.
629126	6/21	Y&D	ask if will auth additional expenditure govt construction of compass house To Yds & Docks- Allotment authd 6/24 JK
630172	6/27	Y&D	Addl expenditure of 1980 allowed F. W.
641285	9/16	to Boston	rel installation of transmitter- w Boston- Plans of instln of transmitter- fwd with comments. 9/28 To Boston via Yds & Docks- Fwds plans 10/3 Boston- Fwds prints. 10/14 W. To Boston- rel instln of transmitter 10/28
643148	9/28	1st Dist. (T)	Request auth to incur station out of commission in order to shift apparatus. V.
643845	10/2	Y&D	Copy of telegram to Boston Yard approving estimates for transmittin. station Boston- Copy action to Boston Yard. 10/8 w 10/ Boston- Copy action to Y&D 10/21

DIRECTION FINDERS

SURF SIDE RADIO STATION.

1920

Number.	Date.	From or To	Subject.
519142	2/24	Boston	Quarterly inspection report. W.
521034	10/2	1st Dist.	Quarterly inspection report. W
520398	11/28	Boston	Asst. Dir. 100 is available covering construction of double quarters. Rd Y&D 11/29 R&D - Copy of action to Boston. 12/1 W.
502980	FROM CARD 1		Coast Guard- Subm estimates. 11/27 W. To Communications 12/2 Coast Guard 5/10 WK. Rwd S&A 5/16 Rwd S&A 6/11
534282	12/9	Boston	Quarterly inspection report W. To Boston 12/15 And Communications 12/15 RE 12/16 W To Boston 12/22
534283	12/9	Boston	Recommends winter allowance be increased to \$1400 W.
545066	919-28	SMITH ISLAND	

DIRECTION FINDERS STIFF SIDE RADIO STATION 1921

Number.	Date.	From or To--	Subject.
555400	4/8 Fwd S&A 7/23 W To Comdt Boston 7/23 W	To Dept	Request for authority to purchase land for permanent site of Conn. Y&D Dock Solicitor- Request statement as to property desired. 4/12 W Fwd Solicitor cc Yds & Dock 4/16 SOL-copy of action to Boston-4;23-W Y&D-copy of action to Boston-4;28-W Solicitor- 5/25 W To Y&D 6/13 Y&D- 6/15 W fwd S&A 7/14
569863	6/15	Y&D	Copy of telegram to Boston stating approval of credit cards will be fwded. W.
573431		To Boston Recommends disappvd 10/12 Boston- Fwds prints showing quarters with recommendations 11/21 W Fwd to Advocate General via Dept 11/30 12/19 W Fwd Dept via Advocate Gen 1/5	To Wash Coast Guard 7/13 Coast Guard 1/1 Action 9/12 W Boston- Fwds plan showing land offered for sale by H. J. Everett. 10/3 W.
583532	8/29	1st Dist.	To Boston via Yds & Dock- Gives Action cc Dir comm 10/13 Quarters for personnel. 10/11 W. Fwd Dir communications 10/13 Y&D- 10/14 Copy action to Boston. W.
594097	10/27	Boston	Quarterly inspection report. W.

DIRECTION FINDER SURF SIDE RADIO COMP STATION

Number.	Date.	From or To—	Subject.	
466081	12/27	Boston	Quarterly inspection report. Fwd Dist-Com. Supt. 1-3	W.
472943	1:29	Comm	Recommends station be recalibrated. W	
473086	1:30	Boston	Recommends station be recalibrated. W To Boston 2/2 Request first destroyer re- porting at New Port be diverted for calibration purpose. 2/5	
474026	2/6	To Operations	Request authority to issue 6 vacuum tubes to Surf City compass station. W To Boston (T) 2/1	
474984	2/9	Dept.	Request assignment of destroyer to station for calibration of. W RB 2/12	
477766	2/20	Boston	Copy of telegram to 3d Dist directing O'Brien proceed to Surfside to Calibrate compass. W. 3d Dist- Copy- O'BRIEN departed for Surfside 2/11. W 2/11.	
483802	3/25	Boston (T)	Quarterly inspection report.	W/
			Request authority to provide Surf Side Comp Sta. with 6 vacuum tubes. To Boston (T) 3/26	W

DIRECTION FINDE S: SURFSIDE RADIO COMP. STATION.

Number.	Date.	From or To--	Subject.	
486199	4/6 4/7	1st Dist Communications	Quarterly inspection report fwd D.N.C. 4-9	W.
498301	6/7	Boston	Quarterly inspection report To Boston 6-17	W
502980	7-8	To Comdt Coast Guard	Radio compass stations Surfside Nantucket construction of metallic circuit from compass house to Siasconsett radio station. W K to g	
TO CARD		Coast Guard- Request storage batteries be turn. 9/28 W	Comdt Boston	
2		To SAA request shipment of batteries from ports to Ports Coast Guard	To Coast Guard- rel com lines for stations 1st Dist. 9/11/20	
	10/5	Coast Guard- Request stg batteries be turn. 10/7 W	Coast Guard- Request Battery 9/22 W	
464310	7-12	Boston	To Coast Guard 11/12 Subm tentative site for proposed double barracks at Surfside Station fwdg prints	604
464310	7-12	Boston	Tentative site for proposed double barracks at Surfside Sta; fws prints; W	604
508665	8-3	To Boston (T)	Tel gve h lowest purchase price for lots 33 and 34 SURFSIDE compass station. 8/7 W W.	
		f d Comdt Boston 1/7/21 RB 1-2733	Boston- (T)- lowest price 21000. 8/7 W W.	
		To Coast Guard- fws letter from E. Everett 1/7/21	To Secty. rel lease 8/10	
		Wd Boston Tel 1-29-21	Dept- Copy of action to Solicitor 8/13 W.	
		To Boston 2-15 RB 2-26	Solicitor- Was sketch also letter from D.C. Everett for comment 12/11 W	
		Chasn- Gives reasons why Siasconsett is undesirable. 2/19 W.	To Solicitor- 3/1 W	
		Coast Guard- Fws plot plan of Sta. 2/19. 2/19 W.	To Boston Tel 3-12	
		To Coast Guard 2-26-21	Y&D- Fws correspondence with prints and estimates covering permanent location of. 3/25 W.	
		To Comdt Boston- 3-9-21 copy Com	Fwd Yds & Decks cc Boston 4/26	

WATCH HILL

Number.	Date.	From or To—	Subject.	
456686	11/10	To Boston	Reqst estimate covering work.	W
459886	11-18	Boston	Quarterly inspection report.	W
466621	12/30 1/2	1920 1st Dist. Dept.	Quarterly inspection report. Fwd D.C.S. 1st Dist Boston. 1-6	W.
480135	3/4	Boston	Quarterly inspection report.	W.
485262	3/31 4/2	1st Dist Communications	Quarterly inspection report. fwd Comm 4/3	W.
502553	6/30	Boston	Quarterly inspection report	W.
464310	7-12	Boston	Recommendations to be obtained to erect barracks on lighthouse reservation Watch Hill Compass Sta.; W	604

WATCH HILL

1920

Number.	Date.	From or To—	Subject.	
510438	8-11	To Comdt Coast Guard	Radio comp station Watch Hill. Request turn over quarters to Dept. for electrician in charge and personnel W Coast Guard- 8/13- Grants permission. W to Boston. Instructions. 8/21	
516932	9-13	Boston	Quarterly inspection; W	
523136	10/15	To S&A	Request shipment from Falla to Watch Hill storage batteries RB 11/10 L	L
523392	10/15	Boston Y&D	Remodeling coast guard building and addition of same- submit with estimates. W. and Y&D 11-10-8: RB 10-30; W	
528254	11-12	To Boston	Request inventory of station Watch Hill W	
Coast Guard to CG 1/7/21	11/19		Boston 11/19 W	
Postn 3/19 W			Boston- Subm list of material removed from station which has been closed. W-1	
529118	11/13	Y&D	to Boston 1/5/21 re: equipment. W-1 Copy of letter to Boston cancelling allotment covering remodeling of Coast Guard Building. W.	
530430	11/16 11/19	Boston Y&D	Was blueprints and photostate of specifications covering additions to Watch Hill Camp Sta. W.	
530671	11/17 11/22	1st Dist. Communications	Stations placed out of commission 11/13 W.	

IMPERIAL BEACH RADIO COMPASS STATION

1

Number.	Date.	From or To--	Subject.	
457114	10/30	Mars Island.	F wls sketch of site and photographs.	W.
472303	1:27	Y&D	Fwds photographs showing construction of compass station. W	
464310	3-10	12th Dist	Outline of radio work Imperial Beach Radio Compass Sta: W	604
499113	5/27 6/2	San Diego Mar ^a Island-	Fwls ltr of new direction finder site at Imperial Beach. Fwd Sol 6-17 RB 6/25 W Fwd Comd M. 7/2 RB 8/16 W fwd Sol 8/20	
518376	9/11	Mars Island	Recommendations for barracks etc. W.	
Solr Fwds copy of licence for water pipe line right of way. 10/23 W.			Mars Island - W. 9/21 Security Co. 10/2 Fwd Dept 10-16	
519399	9-21	Mars Is	Quarterly inspection report; W	
538103	12/29	Mars Is	Quarterly inspection report. W.	

IMPERIAL BEACH RADIO COMPASS STATION 1921

Number.	Date.	From or To	Subject.
555167	3/29	MI	Quarterly inspection report. W.
568344	6/1	MI	Quarterly inspection report. W.
573623	7-8	To Y&D	Recd motor cycle for station Imperial Beach W Y&D-Copy action to MI 9/27 W
582929	8/19	MI	Quarterly inspection report. W.
597599	11/22	MI	Quarterly inspection report. W.
		1922	
624895	5/19	3d Dist.	Inspection report. W.
647109	10/18	M.I.	Quarterly inspection report W

RADIO COMPASS STATION BIRD ISLAND

1921

Number.	Date.	From or To—	Subject.
✓ 592039	10/17	Mare Isl.	Quarterly inspection report W.
		1922	
✓ 605010	1/12	12th Dist.	Quarterly inspection report. W.
642613	9/14 9/14	12th Dist. Pac. Fleet	Will place Bird Island compass station out of commission due to shortage of personnel. W.
✓ 647725	10/2	PCCS Copy	Bird Island decommissioned. W.
✓ 646150	10/13	Mare Isl.	Report decommissioning Bird Island compass station W. Gives inform 10/28

Number.	Date.	From or To—	Subject.
457356	11/13	To Secty	Reqst extension of orders for working party estbl station BIRD ISLAND CALIFORNIA. Reqst telegraphic action be taken. W More Island- copy- Request 30 days extension of orders for working party now at Bird Island erecting compass station. W. 11/11
		1920	
472310	1:27	Y&D	Bird Island compass station-progress report.W
475285	2/2 2/10	FI Y&D	Progress report for Bird Island comp sta. W.
478451	2/16 2/27	FI Y&D	Semi-monthly report fwd Y&D 3/1 W
464310	3-10	12th Dist	Outline of radio work Bird Is Compass Sta; W 604
488648	4/20	Y&D	Work authorized at station has been completed.W

DIRECTOR, BUREAU OF THE ARMY

Number.	Date.	From or To—	Subject.	
523520	10/6	Mare Island	Quarterly inspection report / W. Mare Island- 10/30 W.	
511502	10-20	12th Dist	Fwds request of Bird Is Comp Sta for Ford car; W	919-1
530897	11/16	Mare Island	Quarterly inspection report. W.	
530807	11/19	War Dept	Authorizes improvements and constrn at Bird Island Comp Sta. W. To II via Ida - books authd 11-29	
532198	12/1	Y&D	Copy of endorsement to Mare Island stating authorizn of addtl buildings on Army reserv ation authorized. W.	
546499	2/14	S&A	Copy of ship order covering motor cycle with side car from Mare Isl. to Bird Isl. Comp Sta. W.	
556547	4/4	MI	Quarterly inspection report. W.	
568346	6/1	MI	Quarterly inspection report. W.	

919-33

DIRECTION FINDERS CHATHAM RADIO COMP STA

1922

3

Number.	Date.	From or To—	Subject.
647253	10/12	Lat Dist	Copy compass station placed out of commission 10/25 W
651922	12/1	Y&D	Copy of endorsement to department rel to dismantling of CHATHAM station W

DIRECTION FILES BUAT AM RADIO COM STA. 1920

Number.	Date.	From or To—	Subject.
535167	12/15	Boston	Quarterly inspection report. W.
		1921	
550740	3-12	To S&A	Request shipment of cable from NSD to Chatham W 5559 RB 4/11 W.
554535	3/22	Boston (T)	Request action relative to improvements C Chatham Station. A.
565668	5/1	Boston	Quarterly inspection report. W. To Boston Rel op went 9/17 Boston 9/23- Fwd's various radio inspection reports. W
		1922	
622584	5/8	Boston	Quarterly inspection report, Chatham sta. W.
625905	5/29	YAL	Copy of action to Boston stating award should be made for instln of heating system, storm sash. W.

Number.	Date.	From or To—	Subject.	
✓ 628356	6/15	Y&D	Copy of indorsement to S&A recommending award be made to W.R. Schwaigher and Stern dears W	
✓ 639981	8/31	Dept	Chatham radio compass and traffic stations— will be closed and abandoned. W. rwd's Dept 9/12 Dept— Recommends station be closed 9/16 W.	
✓ 641753	?	Chatham	Report on test with plane. W.	
✓ 643724	10/7	To Boston	Radio compass station Chatham ask disposition made of building and when land can be vacated and the lease terminated W 919-23	
✓ 646595	10/23	Boston T	Request auth to place Chatham Radio Sta out of commission W	

CHATHAM RADIO COMPASS STATION.

Number.	Date.	From or To--	Subject.	
457434	11-7	Boston	Fwds sketch with photos and estimates for making permanent installation.	W
6	To Cdt Boston-	concur's recs made		
382 OVER	In Cdt's letter of 2/14-	auth trans	To Cdt Boston 12/11	
	of compass coils at	Prices Neck	Boston - Request addtl information. 12/19	
	to Fox Hill Is. 2/19		Boston 12/31	
	Boston-Jami-monthly progress re -		Boston- Request action (T) 1/9	
	port. 2/14		Boston 2/4	
458369	Boston 3/11			
	11/18	To Secty	Reqt for authority for establishment of, radio compass station Chatham Mass. W	
			Dept- Authorizes establishment of sta. 12/3	
452476	11/13	To Y&D	Establishment of radio compass station Chatham. Allotment of 1950.00 W	
465784	12-29	To C&R	Radio compass station Fox Hill Island- refts assignment of wherry and Boston yard be auth to issue. W	
466836	1-6	To Comdt Boston	Compass station Chatham, Control lines from. W	
			Best, Chatham recommends laying of cable for distant control, be deferred until Spring. 1/15	
478589	2/26	Boston	Quarterly inspection report	W

Number.	Date.	From or To—	Subject.	
457436 ⁴	FROM OVER		Bost- Progress report 4/13 W. Boston D 4/24 W. To Boston- Have rusted Coast & Good Surv. To establish geographical location of comp house. 4/28	
491938	5/4	Bost	Quarterly inspection report	W
500993	6/18	Bost	Report on calibration of Chatham Comp Sta.	W.
501292	6-25	To Operations	Transmitter or to assigned to 1st Dist for calibration of comp stations at Camp Mass & elsewhere in Me and Watch Hill B.I.	
511332	8/12.	Boston	ec. ren's one transmitter relay be assigned to Boston auth instal 8/17	W
512332	8/14	Boston	Quarterly inspection report.	W.

DIRECTION FINDERS

CAPE ARAGO RADIO COMPASS STATION 1922

Number.	Date.	From or To—	Subject.
636363	7/28	Pug-Sd.p	Quarterly inspection report-W
652936	12/9	CO YARBOROUGH	Copy Hosts authority to join squadron upon completion of calibration Empire Radio Compass Stations W
654265	12/20	Pug 3rd	Pug's radio compass calibration curves W

DIRECTION FINDERS: CAPE ARAGO RADIO COMPASS STATION. -1920-

Number.	Date.	From or To—	Subject.	
481605	3/8	P Snd	Reqt authority to purchase two dozen storage batteries for Cape Arago radio compass station - W To Comit Puget Sd- authorizes 3/16	
482433	3/20	To S&A	Reqt shipment from Mare Island to Puget Sd radio storage battery. W	
485900	4/6	Communications	Cape Arago-Comp. Sta. changed to Naval radio comp station, Empire Oregon.	W.
495284	5/22	Pug. Sd. Copy	Quarters at Empire Compass station completely destroyed by fire 5/21. W. P.C.C/S. Copy- 5/22. W. Pug. Sd.- Request approval of construction of 5 man barracks- sub. estimate. 6/7 W. Communications 6/15 W Sd Com 6-17 Pug. Sd. Request allotment of \$1,000 for water shed building outfit. 8/31 W Y&D- Request action taken. 9/8 W. To Y&D 10/4 Y&D- Copy of action to Pug. Sd. 10/7 W.	
521536	10/7	Y&D	Request a.d.t.l allotment of \$1,278 be made covering double barracks at station. W. To Y&D 10/12	

DIRECTION FINDERS: CAPE ARAGO RADIO COMPASS STATION

Number.	Date.	From or To—	Subject.
528827	11-12	To Comdt Coast Guard	Request place communication lines at Empire station in good condition. W copy Puget Sd Coast Guard 5/10 W. 1921 Coast Guard 5/10 W. fwd S&A 5-16
540028	1/7	Pug Sd.	Subm list of repairs and estimated cost of properly furnished quarters W. fwd Y&D 1-24 Y&D—Copy of action to Pug Sd. 1/29 W
556587	4/5	Pug Sd.	Radio publications listed—Reqst be fwded to Empire Station. W. To Pug Snd fwd publication cc 13—1st-C-1-C Radio compass Station 4/16
567879	5/27	Mare Isl.	Have requested supply officer to prepare requisitions for removal of damaged water tank and replacing new one. W
575107	7/17	Pug Sd	Request list of water tanks and equipment To Puget Sd via Y&D 7/25 Y&D—Copy action to Pug Sd. 7/29 Pug Sd.—Recommends water tanks. 9/7 W To Pug Snd—Reqst monthly report 10/13
615610	3/23	1922 Pug Sd.	Quarterly inspection report. W.

DIRECTION FINANCIAL JUPITER COLLEGE STATION 1922

Number.	Date.	From or To—	Subject.
630768	6/29	Key west (T)	Station will be placed in commission 7/2 W
629463	FRID JULY 2		7th Dist. 7/1- (T) ASKS if shall hold Crion. 7/1 To Key West (T) Gives instrns 7/1

[illegible]

DIRECTION FINDERS RADIO COMPASS STATION JUPITER INLET FLA.

Number.	Date.	From or To—	Subject.
587985	9/22	Key West	Quarterly inspection report. W.
		1922	
502785	12/27	Key West	Quarterly inspection report. W.
520574	4/25	Communications	Jupiter station will have to be closed unless same is accurately calibrated. W. To Key West- Request inform re: calibration of Station 5/11 7th Dist- Recommends station be closed until calibrated. 5/17 W To Dir Comm- decommissioned 6/6 To Opers- rel radio telegraph transmitter 6/7 Dept 6/10 W Dept 6/10 Copy of action to 5th Dist W To Key West- Gives ins. re CC Key West 6/19 To Key West- Gives Action taken 6/19 CO O.R. 6/21 T. No instructions received W To CC (T) Gives inform 6/21 Key West- Report on calibration 7/19 W To Comdt Key West- Comments 10/13 W
529463	6/22	7th Dist T	Request auth travel & subsistence of C.G. Bailey for calibration of station W To Asst Dept- Request for travel orders for C.G. Bailey 6/27 W 7th Dist 5/25 Request reply by telegram W 7th Dist- Asst. is O.R. be directed to proceed or will ordered be issued to Bailey. (2) W

DIRECTION FINDERS: RADIO COMPASS STATION: JUPITER INLET (FLA).

Number.	Date.	From or To—	Subject.	
460587	12/5	To Comdt Key West	Reqst take up with owners in re to purchase to plot of ground for station. W Key West 12/26	
464157	10/11 10/14	3d Dist Sept.	Recommendations covering erection of radio compass station, at Jupiter, Fla. W.	
469999	1-19	To D.H. Shallcross (T)	Try locate in vicinity JUPITER inlet if possible. If impracticable because of prices asked investigate Cape Canaveral and Miami as possible location. W	
472356	1/29	To S&A	Reqst shipment from Washington to Jupiter Inlet radio appr. W RB 5/2	
472357	1/29	To S&A	Reqst shipment from Phila to Jupiter Inlet W RB 5/2	
447118	2/7	Key West	Reqst addtl allotment of \$400 labor and \$600 material, cov comp house for Jupiter.	919-1
447118	2/6	Key West	Reqst authority to issue transfer orders to F.C. Brown to Jupiter Fla, in conn with comp station.	919-1

1920

JUPITER INLET FLA.

Number.	Date.	From or To--	Subject.
447118	2/6	Key West	Reqst authority to issue transfer order to Gunner A. C. Bullock, in conn with comp Sta Jupiter. 919-1
483954	3/28	7th Dist (T)	Scale and pointer for radio compass missing: request expedite ship. To Phila (T) 3-29 Phil (T) request action 3/30 W. To Key West (T) 4/1 Key West (T) - request prints 4/9 W. To Phila (T) auth mig 4/12 Key West (T) - print not received. 4/21 W. To Key West (T) 4-23 Key West - Ask if scale and pointer will be shipped. 5/26 W. To Capt Phila. asks advise rel receipt of material. 6-2 Phila 6/8. W.
514425	9/1	To SEA	Reqst shipment of radio app from Wasington to Jupiter W
514864	9/2	To Commun	Geographical position of station. W
515825	9-9	To Key West (T)	Bar representative will arrive Jupiter 12th. W
519110	9/22	Key West	Wds report from Gunner J. L. Cooper for relocation of compass station. W.
		To Key West	10-16
		5th Dist- (T)	Battery connections To -- Gives instrns 9-29
		not recd. 11/15 W.	Key West - Request travel order be issued to Gunner J. L. Cooper to complete instrin and inspection. 10/5 W.
		Key West 11/15 W.	

DIRECTION FINDERS POINT LOMA RADIO COMPASS STA, 1921

Number.	Date.	From or To—	Subject.
568350	6/1	MI	Quarterly inspection report. W.
572250	7.5	MI	Quarterly inspection report. W.
582928	8/18	Mare Isl.	Point Loma quarterly inspection report. W.
597558	11/21	MI	Quarterly inspection report. W.
654850	12/26	11th District	Copy. Rpts authy to close Point Loma Compass station due to lack of personnel W

DIRECTY. FINDERS: POINT LOMA RADIO COMPASS ST TION.

Number.	Date.	From or To—	Subject.	
465412	12/18	Mare Island	Request authority to commence construction of radio compass station, Point LOMA. W. To (T) - Awaiting War Dept's appvl to use site desired. 12-29	
469475	1/9	Mare Island	Subm estimates covering establishment of radio compass station at Point LOMA. M IS-fwds photostat showing location-1;16	W.
468310	1-13	To M Is	Radio compass station Point Loma. Establishment of. W copy to D.N.C. To Y&D- 1-13. copy to D.N.C. and M Is. Mare Island - subm estimate 1/19 To MI- allotment of 253.33 2/6	
469993	1/17	Mare Island Copy	Ask if authority for construction of radio comp sta includes commencing work on site referred to To (T) - New Location appvd etc. 1-20 M IS-T-reqt obtain auth from War Dept-1;24 Mare Island - Copy - Request a. pedite authority: 2/7	W.
475882	2/2 2/13	Mare Island Y&D	Subm report on establishment of radio comp sta at Point Loma. fwd Y&D 2/16	W.

Number.	Date.	From or To—	Subject.
478108	2/25 5/16 W.	Mare Island (T) Lare Island- (T) - Request authority to proceed with constrn. To M.I. (T) auth granted provided lease can be obtained as outlined 5/11	CO point Loma comp sta. request dormitory be erected within area of station; request dormitory be erected at Imperial Beach. To M.I. (T) 3/1 Mare Island - request authority to enter into lease with owners at Imperial Beach. Compass site - fwded corres onents. 4/21 W. To M.I. (T) asks fwd lease 4-29
478555	2/16 2/27	Mare Island Y&D	Semi-monthly report on fwding print showing new location. fwd Y&D 3/1 Y&D - 3/10 fwd Y&D 3/13
519783	9/23	Mare Island	Quarterly inspection report W.
534300	12/11	Y&D	Copy of letter to Mare Island requesting plans and specifications for operators quarters be dw'd.
538090	12/29	Mare Island	Quarterly inspection report. W.
554610	3/26	MI	Quarterly inspection report. W.
560798	4:28	Y&D	Construction of ~~islix~~ double quarters completed with saving from allotment. W

4-3381

ABALONE POINT RADIO STATION

1919

Number.	Date.	From or To--	Subject.	
✓ 462741	12-15	To Solicitor	Lease of land for. Repts authority to lease land from the Santa Catalina Island Co for \$10.00 per annum. W Solicitor - Fwds form of lease. 1/6 Solicitor - Fwds form of lease. 1/8	
467806	1-10	To M Is	Lease of land for. Fwds form of lease. W	
472311	1:27	Y&D	1920 Avalon radio compass station-progress report. W	
✓ 475234	2/10	MI Y&D	Progress report for Santa Catalina.	W.
464310	3-10	12th Dist	Outline of radio work Abalone Sta; W	604
510370	8:2	M IS	Reports ~~request~~ official opening of commercial radio telephone service between Catalina Island and mainland. W	
✓ 510370	7:29	American T&T Co	Catalina Island-asks status of communication. L To M.I. reos. 8/10 copy PCCS DNC To Amer. TT Co 8/10 American T.T. Co. 8/13 W Catalina Island-Comments on. 9/20 W.	

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DIRECTION FINDERS ABALONE POINT RADIO STATION

Number.	Date.	From or To—	Subject.
52924	9/23 9/29	Mare Island 12th Dist.	Such information rel to proposed new site for compass station near Avalon. W.
54532	2/7	USCS Copy	Stores have undermined hole with cover minute. W. most liable to fall any
549933	8/1	11th Dist.	Comments in detail rel to relocation of Avalon radio Comp Sta. W. To MI via 11 Dist Relocation of Avalon radio compass Station held in abeyance 3/26
554833	4/12	To Amer Tel & Tel Co	re changes in location of radio compass station and service for Aircraft Radio Lab Anacostia W American T/T/Co. 4/18 W To Amer TT Co 5-14 American T/T/Co. - Ask if Bur desires Pac. T/T/Co. to take over from Navy telegraph business between Catalina Island and Mainland. 5/11 W.
		1921	
570660	6/23	To S&A	Request shipment of material from Washington to Ft S. Grivens Tybee Island W 7912 Request shipment of mat from Washn to Tybee Island 7/2

DIRECTION FINDERS: POINT CONCEPTION RADIO COMPASS STATION.

Number.	Date.	From or To	Subject.
462742	12-22 Y&D - Copy 7/20.	To Mare Island of action to Mare Island M IS-reqt allotmt of \$1250.1:27 to MI allotment made 2/5	Point Conception. location of fws photostat of Point Conception Lighthouse Reservation. Repts comment and data. W Mare Island. fws photostat of Point Conception light house reservation, with estimates. 1/3 To - fws copy of Y&D letter. 1-16 to Y&D - copy to D.N.O. 1-17
465460	12/18	Mare Island	Request information rel to establishment of radio compass Station, at Point Conception. W.
475739	3/13	Fwded Y&D (see 919-58)	Reqt info if funds allotted to date will cover construction of station, see 919-58 Y&D - reqt additional allotment be authorized 3/18 fwd Y&D 3/20

Number.	Date.	From or To	Subject.	
✓ 599403	12/10	To Pensacola	Reqst complete report be submitted re the Compass Stat on authd for naval air station cola covering listed points W Pensacola - Lamp - a completed 8/10 W 12/17 to Dir of Communications Gives Detid inform 12/27	Radio Pensa-
60				
606354	1/19	1922 New Orln.	Radio compass coil constance - fws curve and data sheet showing. %	

DIRECTION FINDERS: PENSACOLA

1920

Number.	Date.	From or To—	Subject.	
473504	2/2	To S&A	Reqst shipt from Wash to Pensacola radio compass. W RB 3/1	
482694	3/20 8th Dist- 4/15 8th Dist- 4/15	Pensac. (T) W. Pensac. 4/23 W	Instln of radio compass will begin 3/20; r rest addtl personnel for. To Pensacola- auth expdn \$250. 3/22 To Pensac. (T) 3/26 8th Dist- 4/12 W.	W
475000	3-24	Pensacola (T)	Request action on special allotment \$250; 8th Dist. No progress. 3/31. W. 8th Dist 4/8 W.	602
486727	4/10	New Crln. (T) Pensacola - 5/4 - W	Request vessel for employment to furnish data re compass station. To COAST & GEODETIC SURVEY- Reqst direct BACHE and RATHER furnish latitude and longitude of station near Camp Saufley, Santa Rosa Is Fla. 4-12 To H.C. info reqst method etc. 4/12 Coast and Geodetic Survey- CO R. W. B. instructed to locate compass stat on. 4/14 Coast & Geodetic Survey & fnds geographic position - 4/30 - W	W
487591	4/10	New Crln.	Subm report covering site for radio compass station at Pensacola. W.	
492218	4/26 5/6	Pensacola Naval	Progress report on installation of radio compass - W	

Number.	Date.	From or To--	Subject.
498750	6/4 6/7	New Orln. Pensacola	Completion of airplane calibration of radio compass station of Pensacola cannot be completed due to rush of work. W.
540743	1-19 8th Dist. Fwdprint showing system of communications with Santa Rosa- Island. 3/18 W To Pensacola via 9 Dist. NO Record in copy cc Ids & Docks 3/30 Pensacola Copy action to Dept. 4/21 W Ordn-5/7- via correspondence with prints	To Pensacola	Request submit estimates with recs in conn stations Pensacola W Co. Coast Pensa Air Station and Director Naval Communications New Orln. 3/25 New Orln. Submit estimates in detail. 2/17 W To NO via Y&D 2-26-21 Y&D Copy of action to Pensacola. 3/2 W Fwd Operations 5-17 Pensa vandyke copy of plan radio compass house general arrangement W
549208	3-3-21	To Pensacola	
564202	5/6 5/14	Pensacola Dept	Anti aircraft factory-rst action in conn with and operations 5-17
568901	6/9	Y&D	Copy of letter to Pensacola stating allotment card will be fwded cov saving from allotment in constrn of compass house. KW Y & D- 6/16 W
576716	7:22	Y&D	Request addl allotment covering radio compass install at Pensacola. W To Y&D 7/27
578562	3/2	Y&D	Copy of letter to Pensacola authorizing over expenditure in conn with construction of radio compass house.

DIRECTION BINDERS POINT REYES, CALIFORNIA COMPASS STATION 1921

Number.	Date.	From or To—	Subject.
56834 ^U	6/2	MI	Quarterly inspection report. W.
580487	8-16	To Comdt M. Island	Request prepare regn covering lease of station at Point Reyes. W
592108	10/14	Mare Isl.	Quarterly inspection report. W.
605557	1/13	12th Dist.	Quarterly inspection report. W.
641966	9/13	M.I.	Request authority to proceed with sinking of well by yard labor W Y&D Copy action to Mare Isl. 9/22. W. Fwd'd Ltr & Docs 9/23 RD 9/27

919-40

Number.	Date.	From or To—	Subject.
643544	9/22	12th Dist	Quarterly inspection report W
645126	10/11	Y&L	Copy of telegram to Mare Isl. making allotment.

10 ✓

4-3381

Number.	Date.	From or To—	Subject.
518378 Mare Is; (T); 10-25; W To M.I. 10-25	9/11	Mare Island	Recommendations for barracks, etc. W. To MI via Y&D Cancels 9-29 Mare Island- (T) Request authority to proceed with projects. 10/13 W. Mare Island- (T) Request action. 10/22 W. To MI (T) ask if we can use point-compass sig- nal sets to warn of incoming aircraft with projects 10-23 To MI (T) reply given 10-23
523518	10/9	Mare Island	Quarterly inspection report. W.
530971	11/18	Mare Island	Quarterly inspection report. W.
539196	1/8	Y&D	Copy of endorsement to Mare Island authorizing construction of fuel oil tank originally authorized for Point Fermin at Point Reyes Station. W.
556544	4/4	MI	Quarterly inspection report. W.
562950	5-12/21	To M.I. via Y&D	Allotment of 3000 authorized for Point Reyes and Point Montara, for furniture W
56490	5/12	MI	Rest addtl allotment of \$600 for maintenance of W To M.I. Island 6-3 MI- 6/10 W To M.I. Island 6/20

1921

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Number.	Date.	From or To—	Subject.
562728	9/2	Fwd ¹ ds & Decks	Rel Assignment of Navy trucks for Radio compass Station W RB 9/9 W.
592109	10/14	Mare sl.	Quarterly inspection report. W.
504870	1/10	12th Dist.	Quarterly inspection report. W.


RADIO COMPASS STATIONS: PT. MONTARA

Number.	Date.	From or To—	Subject.
472657	1:28	Y&D	Montara compass station progress report with photographs.
✓ 481842	3-19	To Comdt Chasn (T)	Authority granted Dept to construct bldg for personnel. Advised action taken rel approval site. W. Chasn. Fwds print. W. 3/29
520809	9/28	Mara Island	Installation of 1/2 KW transmitter—report on necessity for. W.
523319	10/9	Mara Island	Quarterly inspection report. W.
528169	10/27 10/29	PCCN 12th Dist.	Quarterly inspection report. W.
530761	11/17	Mara Island	Quarterly inspection report. W.
542532	1/19	Mara Island	Fwds report on constance and characteristics of loop. W.

DIRECTION FINDERS: 200S PT MONTARA

445.

Number.	Date.	From or To—	Subject.
551290	3/7	MI	Quarterly inspection report. W.
568348	6/1	MI	Quarterly inspection report. W.
573622	7-8	To Y&D	Reqt motor truck for Point Montara station W
582728	8/19	Mare Isl.	Recommends assignment of truck. W.

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
538056	1/3	Y&D	Request authority to expend a tire allotment covering constrn of buildings- furniture to be covered by separate allotments later. W. To Y&D 1-6
538423	2/5 2/14	W. D. Communications	Gives new address of station. W. Rwd Communication s 2-15
538169	10/5	To S&A 2926	Request shipment of condensers from Washn to SO Pug S&A W 23 11/12 W
502918	12/3	1922 Pug. Sd.	Quarterly inspection report. W. To 15 Dist-- Gives 1st report 1/24
615613	3/23	Pug. Sd.	Quarterly inspection report. W
635802	7/28	Pug. Sd.	Quarterly inspection report. W.

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DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
6-44626	10/3	Aug. Bd.	Quarterly inspection report.W.
650316	11/21	Yarboro	Reports Cattle Point - fwds calibration W
651977	12/2	Ordinance	Copy letter to F.B. rel to cost of loading and transportation of truck furnished by Army W

DIRECTIONS WEST ISLAND - NEW DUNGENESS Isln. 1922

Number.	Date.	From or To—	Subject.
600270	1/5	Pug. Sd. (T)	Airbunks horse pump at New Dungeness broken beyond repair. To West Isln. to. Issued pump To Pug Sd. (T) Approved 1/5/22
615605	3/23	Pug. Sd.	Quarterly inspection report. 7.
635800	7/28	Pug. Sd.	Quarterly inspection report. W
637909	8/11	Pug. Sd.	Bwds calibration chart for New Dungeness compass station. W.
639981	9/26	To Boston	Chatham. Request necessary action to close and abandon Radio Compass Station to be taken off Ids & Decks. Air comm W

DIRECTION FINDERS EAST CHALLAM NEW DUNGENESS 1922

Number.	Date.	From or To--	Subject.
645.95	2/16	SS H.T.HARPER	Station bearings recd from New Dungeness station are absolutely correct.
647562	10/25	Pug.3d.	Quarterly inspection report W.
650558	11/22	CO YARBORO	Compass calibration satisfactorily completed W

Number.	Date.	From or To—	Subject.
483219	3-13 3/23	Puget Sd Y&D	Easement for water line at East Clallam Station. Fwd copy of, also bill for services of L.W. Holman, Dr. v. no funds to make payment wk To Comdt Puget Sd—auth payment of \$7.50 3/31 Fwd Sol 3/31 BB 4/30 with draft of agreement. W. Fwded Y&D 5-1 Sol. Fwd copy of agreement covering water lines. 6/1 WK
SE 47	4-29	To Pug Sd	Legal services rendered in connection with an easement for pipe line and water rights at Radio Compass Station, East Clallam, Slip Point, Wash. \$7.50. W
496505	6/8	Y&D	Recommends Pug. Sd. prepare requisition covering agreement covering water lines for compass station. Fwd Sol. 6-16 W.
513383	8/17 8/24	Pug. Sd. Y&D	Drilling well for Dungeness and Smith Island—request authorization and allotment. W Fwd Y&D 9/2
512933	8-17	Puget Sd	Radio compass stations reports on request allotment of \$1700 for drilling well at New Dungeness. W To Puget Sd via Y&D modification of project 919-1
515615	9-1	Puget Sd	Copy plan proposed for married men's quarters not Est. Factory W 919-49

DIRECTION BUILDERS. NEW DUNGEON EAST CHALLAM.

Number.	Date.	From or To--	Subject.
5154.9	9/3	Y&D	"ater systems- New Duganese and Smith Island.
523476	11/5	Pug. Sd.	Re: Communications. Coy. rifle quarters for. To Comdt. Pug. Sd. via Y&D 11-30 Y&D- Copy of action to Pug Sd. 12/2 W
545336	12/22 7/7	Pug. Sd. Communications	and with Y&D, and Little Point station. suitable batteries, etc. should be for continuous operations. Rwd Comm 2-15
1921.			
572987	5/28	Pug Sound	Quarterly inspection report W
574696	7:5	Pug Sd	Re: pamphlet describing Audion be fwded to Station. To Comdt 13th Dist 7/22 copy DCS Pug. Sd.
581145	8/11	Pug. Sd	In conn with establishing communication line between port Angeles and New Dun. across compass stations. W. To Pug Snd Anthd 9/9

DIRECTION FILTERS RADIC COLFAGE STATION SLIP POINT 1921

Number.	Date.	From or To—	Subject.
586313	9/22	To Hon Secy of Commerce	Reqst inform as to whether desire to take over buildings listed cc Pgs Snd W Dept of Commerce- 9/27 W. Dept of Commerce- Will accept transfer of buildings without cost. 10/19 To - Gives Action cc Pgs Snd 10/28

DIRECTION FINDER & POST VIEWS R DIO LONG TATION 1942

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DIRECTION FINDERS) PORT STEVENS RADIO CORPN STATION 1922

Number.	Date.	From or To—	Subject.
✓ 617572	4/11	To Pug Snd	Port Stevens and Ocean Park. Question of installing transmitter will be held in abeyance until such time as the pending Naval Legislation has been settled W
		1922	
✓ 635803	7/28	Ing. Sd.	Quarterly inspection report. W
✓ 635810	8/7	To Pug Snd (T)	Approved W ????
✓ 642526	9/18	Ing. Sd.	Request auth to assign battery removed from Port Angeles to Port Stevens. W. To Pug Snd- Reqs to inform re batteries 9/29 Ing. Sd. gives reasons for reassignment of batteries. 10/10 To Pug Snd- recommends appvd 10/28
✓ 649200	11/6	P.S.	Quarterly inspection report W

DIRECTION FINDERS -PORT STEVENS RADIO COMP1920 STATION

Number.	Date.	From or To—	Subject.
478622	2/21 2/28	Pug.Sd. Y&D	Request Cdr. at Port Stevens be instructed to vacate 5 room barracks for use of peracnnel at Compass Station To Secty War- reqst action- 4-12 War Dept 4/19 W. War Dept 4/19 W. fwd Y&D 4/24
536984	12/23	War Dept	Fwd copy of remarks to Chief of West Artillery rel to proposed establishment of level control station at Port Stevens fwd Puget Sq 12/30 copy Com DCS 15th Dist W. 1 CDS RE 2-3
		1921	
570569	6/14	Pug.Sd.	Status of communication line to North Head- fwd sketches. W.
587419	9/26	13th Dist.	Copy Port Stevens radio compass station commissioned 9/25 W. 13th Dist- 12/9- report on failure of land wire connections. W. fwd Dir of Communications 1/5 RE 1/10 7.
		1922	
615001	3/23	Pug.Sd.	Quarterly inspection report W.

RADIO COMPASS STATIONS:

1990

Number.	Date.	From or To—	Subject.	
472629	1;28	Y&D	Point Hueneme radio compass station progress report. W	
475311	2/2 2/10	VI Y&D	Progress report, Point Hueneme Compass station.	W.
478556	2/16 2/29	VI Y&D	Semi-monthly report on. and Y&D 3/1	W
483845	5/14	Y&D	Copy of Letter to Mare Island directing allotment covering cost of furniture, stoves, etc.	W.
519786	9/23	Mare Island	Quarterly inspection report. W.	
530972	11/17	Mare Island	Report on damage to station and apparatus during heavy storm. W.	
533115	11/30	Mare Island	Quarterly inspection report. W.	
568352	6/1	MI	Quarterly inspection report. W.	

RADIO COMPASS STATIONS

1921

Number.	Date.	From or To—	Subject.
555166	3/29	MI	Quarterly inspection report. W. To - 1 live instrns 4/6 M 13-4:21-W.
561122	8/11	MI	Quarterly inspection report. W.
584845	8/29	MI	Telephone service for compass station. W. for communications 9/20 RB 9/27 W End 11 Dist 10/1
597557	11/21	MI	Quarterly inspection report. W.
		1922	
547733	10/17	Mare 131.	Remote control wave changing switch- for 2 plans. W. To - 11- instn Appva 11/17

DIRECTION FINDERS; POINT SUR, WASHINGTON

1921

1.

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1922

Number.	Date.	From or To-	Subject.
598541		faded from card 1	To MI Closing of as radio station but- continuing as Radio compass station Pacific Coast Comm. - 1/11 W To MI- Re: st inform as to name plate data 1/14/22 To MI Via Tas & Docks - Gives review of status of work cc - Pacific Coast Comm. Comm. - 1/17 MI- Gives name plate data. 1/25 W. MI- Subm data in can with transmitter stg battery and charging unit 1/26 W. To MI- Gives in trans cc (9' Dist 2/11

DIRECTION FINDERS

POINT ARGUELLA

1920

Number.	Date.	From or To--	Subject.	
478452	2/16 2/27	Mare Island Y&D	Subm semi-monthly report fwd Y&D 3/1	W
519612	9/22	Mare Island	Quarterly inspection report. W.	
524090	10/19	Frisco Copy.	Station ready for commissioning 12/1	W.
532876	11/29	Mare Island	Quarterly inspection report. W.	
535265	12/16	Frisco Copy	Compass station placed in full commission 12/15. Millcrest spark station being dis- mantled. W.	
568345	6/1	MI	Quarterly inspection report. W.	
568334	6/2	MI	Quarterly inspection report. W.	

DISPATCHED BY: JOHN H. WELLS 1921

Number.	Date.	From or To—	Subject.
589324	8/10	Mare Isl.	Quarterly inspection report. W.
589297	9/22 10/7	JO VESTAL Communications	Subm report on use of radio compass stations at Point Arguello W.
598541	11/4 11/23	MI 11th Dist.	Closing of station as traffic station but continuing as compass station- report on status of annual projects. W. To: 1- West Coast Comd. 12/30 Pacific Coast Comd. 12/30 MI- Subm recommendations. 12/30 W
600992	12/9	MI	Quarterly inspection report. W.

RADIO MESSAGE STATION WESTPORT GRAYS HARBOR WASH. c 1921

Number.	Date.	From or To--	Subject.
565350	5/21	-ug--d.	C. py Compass house completely destroyed by fire; recommends immediate rebuilding. W. To Pug Sd 5-26 Pug Sd Subm estimates 6/17 W Fwd Comm 7/19 RB 9/7 W LCS- Copy action to Communications. 7/28 W. ~~To Basch 9/6 W.~~ Fwd Dept cc Comm- Pug Snd 9/17 RB 9/22 W To Pug Snd Records disappd cc Communication 9/28 Fwd Compass station disappd. 1/4 7
588197	10/1	Hoquiam Commercial Club	Copy. Urges continuance of Westport radio station. W.
59930	12/2 12/7	Dept of Commerce Communications	Request buildings at Westport be transferred to custody of Dept of Commerce. W To Secy of Commerce (Secy of Ind and Trade) 12/22 W available to provide for the maintenance of participate cc Ind & Dock 12/22 W To Pug Sd- Fwd Navy's letter 1/27 W

RADIO COLFAS STATIONS; WESTPORT GRAYS HARBOR WASHINGTON.

Number.	Date.	From or To—	Subject.
466586	1-5	To Pug Sd	Only one copy of report received. Should receive three: W Pug Sd-fwds report covering investigation of radio compass and transmitting station at Grays Harbor-1,21
467809	1-12	To Pug Sd Pug Sd-Returns prints of lighthouse reservation, Westport, Washn. Parking information desired by lighthouse service. 2/21 Communications-Fwds letter from Dept. of Commerce, fwding prints and granting permission. 3/5 Pug Sd-asks date of delivery of apparatus-8/3-17 To Puget Sd. advise rel shipt 8/20	Establishment of compass station-Fwds copy of letter to Y&D-1-12 copy to D.N.C.-1-20 To Y&D-Lists buildings desired and allotments covering various work required. 1-12 copy To PCMC-D.N.C.-PUG Sd; Pug Sd-T-request detailed drawings of 2 kw Lowenstein gasoline driven radio transmitter for Westport radio compass station-1;27 Comm-fwds prints-1;28 To Cdt Puget Sound 1/31 Pug-Sd. 2/5
472284	1/30	To Comdt Puget Sound	Fwds instructions for installn of 2 kw Lowenstein transmitter W
474516	2/10	To S&A	Reqst shipment from M.I. to Puget Sound radio masts. W. RB 4/12 W. S&A Island 4/24 W To Cdt Puget Sd prints 5/18 To Comdt Puget Sd fwds print 5/18
480336	3/3	Dept of Commerce	Subm plans in conn with erection of radio transmitting stations and radio compass station on light house reservation, Westport, Grays Harbor, Washington. Grants permission to occupy certain portions of state reservation. To Secty Comm- returns prints for file 3/9 To Cdt Puget Sd 3/10

RADIO COMPASS STATIONS WESTPORT GRAYS HARBOR WASHINGTON

1920

Number.	Date.	From or To—	Subject.
505237	7/8	Pug. Sd.	Subm. recommend ons rel to communication line in conn with compass station. To Coast Coast Guard. 7/20 copy Puget Sd. To Puget Sd rel above 7/20 Coast Guard- List expenditure made. 10/19 W Pug. Sd. 10/20
✓ 515015	9/1	Pug. Sd.	Copy Plan proposed for married men's quarters not satisf. 919-12-23.
524069	10/14	Pug. Sd.	Request obtain permission from Coast Guard to establish telephone communications to North Head Radio stations at Ocean park radio compass station, over coast guard lines. W To Coast Guard 11-13 Coast Guard 12/6 Puget Sd 12/9 RE 2-23-21. fwd S&A 7/21
546023	2/3 2/11	Com. Fl. Communications	Request obtain permission to communication of fwd Communications 2-15-21 Communications- Copy of action to 13th Dist. 2/21 W
554987	3/28	Pug. Sd.	Calibration of working arc data- fws. W. To Pug Sd gives Inform cc Communications 4/11 Pug. Sd.- fws revised prints. 7/21 W

RADIO COMPASS STATION EUREKA, CAL.

1920

Number.	Date.	From or To—	Subject.
469445	1-16	To Dept	Eureka Station, purchase of land for. Repts \$100 for purchase of. W (SEE BU: (403916-919). RB-1:31
474020	2/6	To Y&D	Establishment of radio compass station at Eureka California W.
		Fwd Solicitor 4/16 RB 5/12 W	Marine Island—Fwds deed for property on which compass house at Eureka is to be erected. 4/12 W.
		fwd Mare Island 5-16/21 copy Y&D	To Sol. Fwd deed 4-13
		Solicitor— 5/23 W.	Sol. 5/13—Fwds suggestions. 5/13 W.
48		Dept— Copy action to MI 6/4 W	To Com t U.I. fws copy of letter from Sol 5/19
		12th Dist— 10/12— Fwds abstract	Marine Island 6/4 W
		of title and deed.	are island. Fwds drawings showing radio compass site with comments on. 6/12 W
		Fwd Solicitor 10/19 RB 10/27 pro.	Fwd Sol 6-24
		Fwd Judge Advocate General 11/2	Fwd Sol 9/10 RB 9/20 W.
			Solicitor's directs abstract be procured. 9/17 W
			fwd MI 9-27 RB 10/14 W.
			Fwd Solicitor 10-16
			Marine Island— Fwds abstract of title to station
			land and Solicitor tel Eureka 1-18-21
			Mare Isl. 4/2 W.
521619	10/7	DCS Frisco Copy	Eureka ready for commissioning 10/1 W.
525001	10/15	Mare Island	Quarterly inspection report W.
526749	11-1	Frisco (copy)	Station placed in Full commission; W

RADIO COMPASS STATION EUREKA CAL.

3381

RADIO COMPASS STATION POINT REELEM

1921

Number.	Date.	From or To—	Subject.
536787		SEE CARD 1	To MI request recommend the action desired and whether or not the expenditure authorized should be cancelled to await further inform from War Department 11/17 W to are Isl. 12/2 W to MI V. & Yut. & Ducks Clives Action 12/16 Y&D- Copy action to MI 12/17 W.
597625	11/21	MI	Quarterly inspection report. W.

RADIO COMPASS STATION: POINT FERMIN:

Number.	Date.	From or To--	Subject.	
472313	1:27	Y&D	Material for construction of Point Fermin compass station delivered--construction will be undertaken at once.W	
475436	2/210	MI Y&D	Progress report, Point Fermin Comp Sta.	W.
478554	2/16 2/27	MI Y&D	Semi-monthly report fwd Y&D 3/1	W
480834	3/1 3/10	Mare Island Y&D	Semi-monthly report of progress. fwd Y&D 3/13	W
454310	3-10	12th Dist	Outline of radio work Point Fermin Compass Sta: W	604
515025	8/28	Mare Island	Point Fermin- reports on-fwd. ..	
519782	9/23	Mare Island	Quarterly inspection report. W.	

1928

RADIO COMPASS STATION POINT BERLIN

Number.	Date.	From or To—	Subject.
533463	11/30	Mar. Island	Quarterly inspection report. W.
536121	12/16	Aug. 3d.	Request building now used by light house personnel be obtained for housing radio compass personnel.
536787	12/16 12/20	Mar. Island 12th St.	Suggests building now used by light house personnel be obtained for housing compass personnel.
536979	12/22	Mar. Island	Request authority to transfer incl. all files for Point Berlin comp sta to Point To Comdt M.I. via Y&D 1/3/21
556241	3/29	MI	Quarterly inspection report. W.
569347	5/1	MI	Quarterly inspection report. W.
586047	9/8	MI	Fwds blueprint and platt and letter from light house Bureau. To MI via 11 St. - Gives Action 9/22

RADIO COMPASS STATION: FARRALLONE ISLAND: 1920

Number.	Date.	From or To.	Subject.	
472312	1:27	Y&D	Farrallone island compass station-progress report. W	
475312	2/2 2/10	MI Y&D	Progress report for Farrallone Island.	W.
478552	2/16 2/27 m	MI Y&D	Semi monthly report and Y&D 3/1	W
522758	10/7	Lare Island	Quarterly inspection report. W.	
530973	1/17	Lare Island	Quarterly inspection report. W.	
536346	12/17	Lare Island	Copy of letter to Supt. light house Frisco, requesting authority to relocate compass house at Farrallone Island, on top of Shoe Stick Point. W	
536493	12/17 12/22	Lare Island 12th Dist.	Maps photos with comments showing proposed relocation of station. W. To MI via Y&D 12/30 ccy Commn	

RADIO COMPASS STATION BARRALONE ISLAND

Number.	Date.	From or To--	Subject.
538846	1/6	YED	Copy of endorsement to Mare Island proving movement of radio compass station at Barralone Island. W.
549606	3/4	MI Copy	Relocated station calibrated and ready for operation. W
552644	3/15	MI	Quarterly inspection report. W.
555430	3/30	MMra Isl.	Deviations data Barralone Island Station. W.
565574	5/17	MI	Fwds description of radio compass instln. W.
566349	6/1	MI	Quarterly inspection report. W.
592110	10/14	MI	Quarterly inspection report. W.
		1922	
625881	5/24	MI	Fwds description of radio instln. W.

DIRECTION FINDERS ASSATEAGUE RADIO COMP STA

Number.	Date.	From or To--	Subject.	
485220	4/1	Norri	Lists radio material being held in store for request disposition of. To IM Norri- disposition of material 4/3	W.

4-5381

DIRECTION FINDERS WHITEFISH POINT COM STA 1922

Number.	Date.	From or To—	Subject.
627133	6/5	9th Dist.	Report on calibration of Whitefish Point radio compass stations To Air Comm-- Gives inform 6/12
629375	6/23	To S&A 563	Request shipment of Delco Unit from Norf to Whitefish Point W 9th Dist- Request funds be allotted to cover Delco unit- 10/26 To 9 Dist- Ask disposition made of delco unit 11/2 9th District 11/8 W
630749	6/28	Grt Lakes	States Coast Guard is contemplating building station at Whitefish Point.
647			

Number.	Date.	From or To—	Subject.	
475652	2/9	9th Dist	Proposed radio compass station - Fwds prints and information covering.	W.
514869	9-2	To S&A	Request shipment of gas engine from Norfolk to Great Lakes. for Whitefish Pt. W RB 10/22 W.	
514870	9-2	To S&A	Request shipment of gas engine from FEB to Great Lakes W RB 10/22 W	
514865	9/2	To S&A	Request shipment from Washn to Great Lakes W RB 10-27; W	
514867	8/2	To S&A	Request shipment from Phila to G. Lakes	
520027	10-2	To Y&D	Radio compass stations White Fish Point Michigan. for truck for W RB 10/21 W	
Y&D; copy of action to S&A; 10-29; SW			To CAR 10/1 Y&D- Copy of action to Great Lakes. 10/9 W. RB 10/21 W	
52 6991	11/2	S&A	Copy of shipment order covering motor truck from Great Lakes to Compass Station, White Fish point, Michigan. W	
		1921		
550279	3-9	To Comdt 9th Dist	Rel installation of spark gap- 9th Dist. 3/15 W.	

DIRECTION FINDERS WHITEFISH POINT MICHIGAN RADIO COMP STA 1921

Number.	Date.	From or To—	Subject.
567886	6/4	9th Dist.	Station has not recd monthly bulletins since February. W.
568627			
			And Comdt Great Lakes- rel truck for Whitefish Point WA 6/13
576707	6:25	9th Dis	Reqd allotment be made covering putting Ford truck in first class condition. W To Y&D- 7-28 Y&D- Copy action to 9th Dist. W. 8/5
580488	8-16	To Comdt Great Lakes	To ss prints covering location of masts and bridges at Whitefish Point W Great Lakes- Fwds print of buildings. 8/22 W Great Lakes- Rqst blueprints be corrected. 8/23 W. To Great Lakes Reqst detld Inform 8/31 Great Lakes- Gives bearings 9/6 W.
592665	10/28	To Great lakes 9 Dist	Reqst inform rel location of whitefish point on Commg W 9th Dist- Subm data requested. 11/1 W
615828	4/5	To Dir of Nav Commg	Re Ho Commg 3 Stations- Commg Roning of 919 Whitefish Point. Detour Point and Grand Rapids gives action to en 7

1920

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DIRECTION FINDERS EAGLE HARBOR RADIO COMPASS STA. 1922

Number.	Date.	From or To—	Subject.
✓ 631212	6/28	9th Dist.	Request permission to calibrate Eagle Harbor radio compass sta. W.
✓ 649835	11/14	9th District	Survey of Government proposal of Eagle Harbor with satisfactory reference of enlargement of compass station W. To 9 Dist- Requests all papers be returned 11/29 RB 12/4 W Fwd's Yds & Decks 12/11

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DIRECTION FINDERS ¹⁹²⁰ EAGLE HARBOR RADIO COMP STATION
 1 ✓

Number.	Date.	From or To—	Subject.	
475654	2/9	9th Dist	Proposed radio comp sta - feds prints and report covering.	W.
536014	1/4	To S&A 1921	Reqt shipt of auto starter for gen set from Harb to Great Lakes W 5766	
536015	1-4	To S&A	Reqt shipt of relay keys from Boat n to Great Lakes W 5767	
542701	1/24	Y&D	Copy of letter to S&A requesting shipt order be issued covering motor truck from 3d Dist. to radio compass station at Eagle Harbor. W 5768 to Calumet 12-1/26 W	
550756	3-14	To S&A	Reqt shipt of generators from NED to Great Lakes W 5769	
555518	3/24 4/4	Great Lakes Y&D	Reqt shipt of special allotment cov material listed 5/14 W To GI- allotment made 5-31 Request allotment be made cov spares and tools for motor truck. W. Fwd Y&A & ack 4/12 9th Dis-reqt action-4-29 W To Comit 9th Dist 5-13	

DIRECTION BINDERS EAGLE HARBOR RADIO COMP STA 1921

Number.	Date.	From or To—	Subject.
588615	9/22 9/30	9th Dist. Great Lakes	Request Eagle Harbor compass station be credited with \$20.60 coy damages collected from Express Co. on Leyden hars. W
✓ 602381	12/29	Y&D	Copy of letter to 9th Dist. authorizing construct cottage at Eagle Harbor authorized for Duluth Sta. W.
		1922	
✓ 608702	2/8	Y&D	Copy of letter to Great Lakes stating approved credit cards will be fwded coy savings under allotment for cottage. W.
✓ 611861	3/1	Y&D	Copy of endorsement to S&A requesting Great Lakes be authorized to purchase material for construction of cottage. W. Y&D- Cpy action to S&A 4/28 W.
✓ 629396	6/20	9th Dist To Hon Secy of Commerce (See sig) - reqats. (See sig) action be taken on previous corres. concerning subject 2/27/23	request Bureau acquire land at Eagle Harbor. swds prints W To Secy of Commerce - Gives bprint of plans. W Dept Commerce- 7/12 W swds 9 Dist 8/12 Dept 12/20 Copy action to Dept Commerce W

DIRECTION FINDERS

TATOOSH ISLAND RADIO COLT STA. 1922

Number.	Date.	From or To—	Subject.	
636337	10/27	Pug. 3d.	Subm estimates cov material and instln at Tatoosh Island.	919
649879	11/18	To SEA 1520	Reqst shipment of mat from Brook to Pug Snd W	
649881	11/22	To Pug Snd	Tatoosh sta. - storage battery for - assignment Pug Snd 12/13 submits estimates w To Pug Snd Recommends appvd 1/11/23	
651128	11/15	HARBORO T	Calibration successfully completed Y	

DIRECT ON FINDERS WATTOOSH ISLAND RADIO COM STN 1942

Number.	Date.	From or To-	Subject.
652167	11/29	Eng Snd	Fwds calibration curves W To Eng Snd- Gives inform rel work authd cc Dir Comms W 12/22
652403	11/31 1/5	15th District Hydrographic	Fwds let r from CH Special Line rel to Dir Comms for SH station W Fwds Dir Comms 12/11
654235	12/14	Eng Snd	Fwds Calibration curve and chart. W.

1920

DIRECTION FINDERS TATOOSH ISLAND RADIO COMP STATION

Number.	Date.	From or To—	Subject.
435739	2/6 2/12	Pug.Sd. Y&D	Submits estimates cov radio comp station, at Tatoosh Island. fwd Y&D 2/16 Y&D—Fwds Puget Sound's report, with estimate of allotment. 5/9 fwd Y&D 3/13 Y&D Regst addtl allotment be auth 3/18 fwd Y&D 3/20
545469	2/2 2/3	Pug.Sd. 1th Dist.	Request tatoosh com sta be placed on mailing list for monthly radio reports. To Comdt Puget Sd 6-24
555257	3/1		
579072	7/27 8/1 8/4	Seattle Chamber Commerce Hon. L. H. Hadley Communications	Subm criticisms of Tatoosh Sta. CW. fwd Puget Sd 8/13 RB 9/25 W. To Hon Hadley- 8/13 To 8-15 ditto 8-13 letter. W To Gives Action 10/3
580493	8-16	To Comdt Puget Sd	Asks info when stations in district equipped with parts of radio comm. equip. W Pg.Sd.—Regst express shipmt be made. 8/26 W To 1st Sd. Gives action 7/8 Pg.Sd.—Regst destroy be assigned. 9/27 W To Opns.—Regst inform 10/6 Dept 10/10 W Pg.Sd. Will fwd calibration data. 3/31 W

Number.	Date.	From or To—	Subject.	
✓ 615635	3/23	Pug. 3d.	Quarterly inspection report. W.	
635941	7/28	Pug. 3d.	Quarterly inspection report. W.	
645994	9/21	AS KAJA LARAU	Reports cool results on lead lines from station.	
✓ 647561	10/25	Pug. 3d.	Quarterly inspection report of Tatoosh radio compass station. W.	
636338	7/25	13th Dist.	Comments on unavailability of service furnished by RC stations 13th Dist established by Tatoosh stations due to shortage of personnel. W.	919

DIRECTION FINDERS ALPENA RADIO COMP STA

Number.	Date.	From or To--	Subject.
476365	2/12	9th Dist	Proposed radio comp station at Alpena. Mic h. fwd's prints and sketches with estimate. W.
529305	11/9	Grt Lakes	Request authority to issue Edison Stg. Equip. W. To Comdt 9th Dist 11-16
544625	2/11	To C&R	Radio compass Sta- Thunderbay island; ask to be advised when shipment of mat made W. C&R- Copy of action to Norf. 2/14 W. C&R 1/12 7
561121	4:25	9th Dis	Reqt auth covering ~~in~~ land lighting communication from Thunder Bay Island Compass Station to Alpena each transmitting station. W. To Comdt 9th Dist- 5-6
649880	11/18	To S&A 1519	Reqt shipment of mat from MI to SC Pug Snd W

1920

DIRECTION FINDERS and HARBOR BEACH RADIO COMPASS STATION

Number.	Date.	From or To -	Subject.
476366	2/12	9th Dist	Proposed radio comp station at Harbor Beach Michigan.- Fwds prints and sketches with estimate W.

1920

SHEBOYGAN RADIO COMPASS STATION

Number.	Date.	From or To--	Subject.
476367	2/12	9th Dist	Proposed radio comp station, at Sheboygan, Mich sends prints and sketches with estimate.

DIRECTION FINDERS: RADIO COMP STA OZETTE ISLAND

1920

1.

Number.	Date.	From or To—	Subject.
476705	2/19	To Comdt Puget Sound	Station to be relocated- some point between
		not desirable to locate Cape Johnson and Point of Archers, Wash.	
		Reqst survey, reporting results.	W
		Dept 4/20. W.	
		Pug.Sd.-Rwds report and prints. 8/17 W.	
481648	3/15	Dept	Authorizes relocate radio compass stations and
			transmitter in vicinity of Point Sur, Calif-W
			To M. Island- reqst survey of Point Sur
			and locate site for station 4-13
			here is and- (T. Subm estimates nec for
			Point Sur. 4/24
			Lara Island- Copy of letter to 15th Dist. 4/20 W
			communications- Rws correspondence with
			prints and estimates. 5/27 W.

DIRECTION FINDERS NORTH TRURO STATION 1921

Number.	Date.	From or To—	Subject.
584509	9/6	Key West	Reports on condition of. W. To Key West Gives Inform 9/10
587986	9/21	Key West	Quarterly inspection report. W.
588602	10/3	Key West	Subm report cov construct on of water shed over radio compass bearing house. W
1922			
602786	12/27	Key West	Quarterly inspection report. W.

INVESTIGATION FINDERS) NORTH TROOP COMP STATION

Number.	Date.	From or To--	Subject.
491936	5/4	Bost	Quarterly inspection report W
496611	5/17 5/26	War Dept Communications	Authorizes erection of radio compass station at East Martello tower reservation; feds prints. W. To Capt K. West. reqst coy of letter to War Dept. be fided 6-2 Key West 6/7 W.
515821	9-10	To Key West via Y&D	Authorized projects in conn with stations 8th Dist for 1921. Lists W Y&D- Copy of action to Key West. 9/18 W The West Coast Division of Key West also includes the reservation over reservation and ordinance 10/20 RB 11/17 W. Ord. 11/18 W fwd Sect 11-26 RB 2-1 Dept- Copy of action to War Dept. 12/1 W To Key West via Y&D 2-2 Y&D- Copy of action to Key West. 1/2 W
554126	4/5	To S&A	✓ Reqst shipment of coil from Boston to SO Key West 8860 W RB 5/9 W.
554125	4/6	To S&A	✓ Reqst shipment of apparatus from Washn to Key West 6256 W. Key West 5/2 W. To Key West 5-11 Washn- Gives name plate data 5/19 W Key West 5/23 W To S&A Reqst shipment of apparatus from Washn to Key West 9941 3/27

DIRECTION FINDERS NORTH TRURO COMP STATION 1921

Number.	Date.	From or To—	Subject.
557700	4/15	To S&A	Request shipment of batteries from Key West to O-L-C Key West 7026 L S&A 6/4 W fwd S&A 6/10
561595	5/3	Key West Copy.	Request authority to charge Key West project approximately \$700 cov radio compass material W. To Key West Tel 5-5
561199	5-7	To Nav Communications	Gives position of station now bldg at Key West W
557			
570056	6/16	Y&D	Copy of letter to Key West stating credit cards, cov constrn of compass house will be fwded. KW. Y&D- 6/16 KW.
575500	7/25	To Commun	To Commun 7/25 To Comdt Key West 7/28 W fwd Com. un 8/13 7/16 W.
583867	8/30	7th Dist. Copy.	Key West- roof of station leaks. W. To Key West via Y&D locks. Authd 9/9 Y&D- Copy action to Key West. 9/16 W. Key West- Roof not water tight. 9/14 W.

DIRECTION FINDERS RADIO COMPASS STATIONS AMAGANSETT L.I. 1920

Number.	Date.	From or To—	Subject.
502981	7-7	To Y&D	Reqt construction of compass house. W copy I.M. NY Y&D- Copy of action to M.Y. 7/10 W.
524355	10/20	Y&D	Copy of letter to 3d Dist. directing new proposals be secured covering radio compass building. W.
530387	11/20	Y&D	Billings at Amagansett and Sayville - report covering award of contracts. W.
531802	11/29	Y&D	Specifications covering two 150' steel towers for Amagansett Sta. W.
532457	?	?	Copy of specifications covering radio and radio compass station at Amagansett. W.
533828	12/9	Y&D	Avds specifications for radio compass sta. W.

DIRECTION FINDERS

GRAND MARIAS RADIO COAST STA

1922

Number.	Date.	From or To—	Subject.
644200	10/3	Great Lakes	Request station be placed on mailing list for main radio report. 7.
647991	11/1	9th Dist. Copy	Sub. 3-aser 419 arrived at Grand Marias and completed calibration. 7.
650163	11/17	Great Lakes	Fwd'd deviation curve W

1920

DIRECTION FINDING: RADIO COASTAL SEA GRAND LARAS 1922

Number.	Date.	From or To—	Subject.
617570	4/11	To 2 Dist	Grand Laras. Lich Position of. Reqs that his geographical position of stations be established and furnished BU W at 1st Com/18 Gives position of Grand Laras Geographical station W 4/29
617998	4/12	To S&A 38 39 40	Reqt shipment of Equipment from Washn to O-I-C Grand Laras W RB 5/4/22 W. To S&A Reqt shipment of mat from Phila to Grand Laras W 4/12 RB 5/6 To S&A Reqt shipment of mat from NY to Grand Laras 4/12 RB 5/12 W S&A- Copy action to N.Y. 4/28 W.
		1922	
630470	6/23	Grt-Lares	Ends collimations sheets. W.

DIRECTION FINDERS; RADIO COMPASS STA., GRAND MARAIS

1920

Number.	Date.	From or To—	Subject.
515796	9-8	To S&A	Request shipment of storage batteries from FSB To Great Lakes. I
519687	10/1	To S&A	Request ship from Phila to Coast Guard Sault Ste Marie for Grand Marais. I To Great Lakes 1-17-21
528262	11-12	To Comdt Phila	Request Bevel dials be furnished stations Grand Marais, Whitefish Point and Detour Point. W Phila 11/30 7. To Comdt 9th Dist. Awa copy letter of 11/30 for info 12/7
554095	3/21 3/25	Grt Lakes S&A	Request allotment cov subsistence of men on compass station in Alaska. W. To Grt Lakes Allotment made 3/31 New Orleans- Submit estimate for work. 8/26 W
587587	9/23	9th Dist.	Care of station transferred from Light house keeper to Coast Guard Sta. 296. W.
599586	12:5	9th Dis	Grand Marais Station-status of completion of W. To 9th Dist- Request work be held in abeyance 1/5
615329	4/5	To Dir Nav Comms	Radio Compass Stations- Commissioning of Whitefish Point, Detour Point, and Grand Marais gives action taken. 519

DIRECTION FINDERS STAS., DETOUR POINT, MICH 1920

Number.	Date.	From or To--	Subject.
514872	9-2	To S&A	Reqt shipment from Washn to Great Lakes for station radio appr W; RB 10-27; W
514871	9/2	To S&A	Reqt shipment from Phila to Great Lakes W
514873	9-3	To S&A	Reqt shipment from Norf to Great Lakes gas engine W RB 10/22 W.
514874	9-3	To S&A	Reqt shipment of accessories from FSB to Great Lakes, W RE 12/6 W To S&A reqt status 10/11
715828	4/5	To Dir Nav Corps.	Radio Comms Stations- Commissioning 919 of Whitefish Point, Detour Point and Grand Marais Gives Action taken W
33-469	6/26	1922 Great Lakes	Avds calibration sheets. J.

VIRGINIA BEACH COMPASS STATION 1920

Number.	Date.	From or To--	Subject.
519001	9/22	Coast Guard	Grants permission to erect compass bldg. W. To Morf via Y&D 9/27
528826	11-13	To Coast Guard	Reqst auth for erection of quarters for radio compass personnel at Virginia Beach. W Coast Guard authorizes and grants. 11/13 To Y&D 12-16

DIRECTION FINDERS -- FORT BARRY

Number.	Date.	From or To--	Subject.
522322	10/4	Mars Island	Copy of letter from Fort Barry requesting authority to secure elec power from army mains for lighting radio compass station. W. Copy of letter to U.S. Engineer, Frisco. 10/4 W
519887 see	919-65	error- do not enter on this card.	

DIRECTION FINDERS: MANISTIQUE, MICHIGAN

1921

1.

Number.	Date.	From or To—	Subject.
551974	3-14	To S&A	Reqt shipment of storage batteries from NSD
	To Great Lakes-	6-8	to Manistique, L. 6597 RB 1/25 W
			Gr Lakes Subm estimates. 5/18 W
560901	4:26	80L	To Comdt 9th Dist- 6-2
			fwds copy of deed from B. Jero and wife cover-
			ing site for compass station Manistique, Mich. W

DIRECTION FINDERS

1921

Number.	Date.	From or To--	Subject.
549539	3/3	Y&D	Subm estimate cov construction of septic tank for sewerage system. W To Y&D- 3-9 allotment made W
561378	4/27	Pug. Sd.	Recommendations cov maintenance allowance for Pug Sd 5-11
570788	6/16	Pug. Sd.	Proposed location of stations- fwds print. W To Coast Guard fwds 7/6
573531	6:30 7:2	Pug Sd 13th Dis	Reqt monhly radio report be furnished. W
		1922	
615634	3/23	Pug. Sd.	Quarterly inspection report. W.
635805	7/28	Pug. Sd.	Quarterly inspection report. W. To Pug Sd- fwds Bulletin 8/11

DIRECTION FINDERS

1922

Number.	Date.	From or To—	Subject.
64 9405	11/6	P.3.	Quarterly inspection report W
651706	11/29	YARBORO	Cory calibration successfully completed W
652168	11/29	Pog Snd	Pwds calibration curves W

Number.	Date.	From or To	Subject.
550695	2/10	C&A	Request maintenance allotment be made station cov equip stores, etc. W. To Pug Snd Allotment granted 3/16
558243	4/7	C&R	24' motor Sailing Launch 13272 assigned to Port Angels Compass Station 611-5
560787	4:28	Y&D	Radio compass work at Port Angels completed with saving from allotment. W
57412	7:2	Pug Sd	
57412	7:22	Y&D	
584400	9/9	To S&A 8746	Request shipmt of telephone from Boston to SO Pug Snd W RB 11/22 W
592212	10/24	Y&D	Copy of letter to 13th Dist. in conn with construction of boat storage at station. W.

DIRECTION FINDERS

1921

Number.	Date.	From or To—	Subject.
✓ 691067	12/12 12/19	Pug. Sd. Y&D	Recommend mooring be furnished for 24' motor sailing launch at Sta. W. Y&D returns balance from allotment. 1/28 W Y&D Copy action to Pug. Sd. 1/28 Y.
		1922	
✓ 602917	12/30	Pug. Sd.	Quarterly inspection report. W.
✓ 615615	3/23	Pug. Sd.	Quarterly inspection report. W.
✓ 635804	8/28	Pug. Sd.	Quarterly inspection report. W.
✓ 642378	9/19	Y&D	Copy of letter to Pug Sd giving instructions covg survey of buildings W

DIRECTION FINDERS SMITH ISLAND COMP STA 1922

Number.	Date.	From or To--	Subject.
636360	8/1	Pug. Sa.	Quarterly inspection report. W.
637910	8/11	Pug. Sa.	Reds calibration chart for Smith Isl. Compass station. W.
648711	11/3	P.S.	Quarterly inspection report W.
650074	11/18	CO YARBRO	Copy calibration completed at Smith Island calibration Cattle Point W
650524	10/14 11/22	Dept Commerce Dept	Authority to instruct builders on light house reservation for Smith Island and New Grass W Fwd 13 Dist via Yds & Dock 11/25 Y&D 12/1 Copy action to 14th District W

[illegible]

DIRECTION FINDERS: SMITH ISLAND

DUPLICATE

Number.	Date.	From or To--	Subject.
546463	2-15	To Puget Sd T	Reqst subm estimates for batteries and equipment for stations SMITH ISLAND CATTLE POINT NEW DUNGENESS- asks if matrl available Puget Sd. Reqst expedite W Pug. Sd. 1/1 Subm estimates. 2/27 W To Puget Sd 2-21 Pug. Sd.- Copy- Request reconsideration. 3/3 W To Puget Sd T 3-5
572991	5/28	Pug Sound	Quarterly inspection report W
572062	7-197	To S&A SEE 919-79	Reqst amendment of ship order 8045 from N.Y. to Lakemurst. W 8189
652828	1/3	1922 Norf. (T)	Land line out between Smith Island, and Virginia Beach- Norfolk and Cape Hatteras. W
609649	2/1 2/14	Pug. Sd. Y&D	Pwds print and letter from light house service cov construction of boat house and landing. Pwds Y&D & docks 3/11 Y&D- 3/15- All except made to Pug. Sd. 7. Y&D- Copy action to Pug. Sd. 3/15 W. Y&D- Pwds print with recommending. 5/19 W

DIRECTION FINDERS SMITH ISLAND

1922

Number.	Date.	From or To—	Subject.
611154	2/24	Y&D	Copy of letter to Pug. Sd. fwding specfms and transmitter cov water tanks, walks etc. W.
615614	3/23	Pug: Sd.	Quarterly inspection report W.
615597	3/27	Y&D	Returns savings under allotment chargeable to Engr. Serin: 1922 cov construction of distern range shed and board walks. VLD Copy action to Pug. Sd. 3/27 W.
618524	4/14	Y&D	Copy of letter to Pug. Sd. giving instrns rel to water storage, walks and oil storage. W
629525	5/23	Y&D	Pug Sd cannot complete oil storage at radio compass sta Smith Island within present fiscal year EW

DIRECTION FINDERS

FT. SCRIVEN'S COMPASS STATION

1932

Number.	Date.	From or To—	Subject.
618371	4/13	Y&D	Copy of letter to Chasn. asking if balance from allotment made for relocation of station can be returned. W.
620290	4/24	Y&D	Copy of letter to Chasn. stating approved credit card will be filed cov savings on relocation of radio compass house. W.
620786	4/24	Chasn.	Tybee Island communication lines -cost of, etc. W.
624067	5/15	Chasn.	Wag to install five poles between power plant and compass station before power could be supplied at Ft. Screven. W.

[illegible]

1921

Number.	Date.	From or To--	Subject.
570161	6/14	Chasn.	Request radio compass coil shaft and dial be turn: W. To Chasn 6-21 To Chasn. Install of equipment 7/8 copy Communications To Comdt Charleston 7/23 W Chasn-- 8:25 W
570659	6-24	To S&A	Reqt shipment of material from Phila to Ft. Scriven's, Tybee Island W 7911 Amendment of 7/7 7911
570660	6-23	To S&A	Reqs shipment of material from Washington to Ft Scriven's, Tybee Island W 7912 Amendment of 7/7 To S&A shipment of batt from Phila to Tybee 7/13 813 BB 9/21 W
570658	7-12	To Comdt Charleston	Gives instructions re shipment of radio working equipment W copy S&A
591966	10/22	Y&D	Fwd's sheets cov misc data for data book Public Works of the Navy. W. Fwd Chasn 10/31
594705	11/3	Chasn.	Reduction is new Foundations for compass station to authorized. W. Fwd Yde & Docks 11/17 Y&D-Copy action to Chasn. 11/21 W

DIRECTION FINDERS

1921

Number.	Date.	From or To--	Subject.
597131	11/19	Chasn.	Request special allotment cov new foundations. W. Fwd ids & locks 11/29 W.D- Copy action to Chasn. 12/2 W
597285	11/21	Chasn.	Quarterly inspection report. W. To Chasn no change will be considered 12/13
599447	12/9	362	Copy of indorsement to Chasn authorizing moving radio compass building to new location.
		1922	
612073	2/28	Chasn.	Quarterly inspection report. W. Chasn- Fwd copy of letter from Southern Bell Telephone Co. 3/8 Fwd Dir Comm. 3/23 W. 3/29 W 4/4 W
615555	3/23	Chasn. c	Calls attn to radio mast removed from Jacksonville Station - can possibly be used at Tybee Island. W.

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DIRECTION FINDERS

1922

2

[illegible]

[illegible]

DIRECTION FINDERS 1922 CASE PRINTS INBOOK

Number.	Date.	From or To—	Subject.
629023	6/20	Pug. Sd.	Quarterly inspection report. W.
634799	7/21	Pug Sd.	Fwds spec report on radio compass coil constant To CO Anacostia- Fwds special report 8/5
635801	7/28	Pug. Sd.	Fwds curves in comm with calibration of station. W.
636358	8/18	Pug. Sd.	Quarterly inspection report. W.
642936	9/21	Pug. Sd.	Quarterly inspection report. W.

DIRECTION FINDERS

1921

Number.	Date.	From or To--	Subject.
547337	2/18	Y&D	Copy of endorsement to Pug.Sd. stating Dept. of Commerce has granted authority to use light house reservation at Cape St. Elias and Cape Hinchinbrook. NA.
✓ 556061	4/4	Pug.Sd.	Report by Lt.Cdr.F. Luckel covering on investigation for site for compass station at Cape Hinchinbrook. W.
1922			
✓ 507832	1/24	Pug.Sd.	Fwds compass station test bearings. W.
✓ 625185	5/24	CO SWALLOW	Copy Calibration of compass station completed. W
✓ 628382	6/5	Pug Sd	Hinchinbrook inspection report W

DIRECTING FINDERS

SOAPSTONE POINT

1921

Number.	Date.	From or To—	Subject.
602114	12/27	Communications	in conn with satisf service rendered by Soapstone Point. W.
611241	1/20	Soapstone Point	Lists material required for maintenance. W. Fwd photo and 5/7
622246	5/8	Soapstone Point	Request 20 boat 611-2
627570	6/7	Pug Sd	Fwds photo showing reloading of matl at Soapstone Point W
628984	6/15	Pug Sd	Quarterly inspection report W
636359	8 1	Pug Sd.	Quarterly inspection report. W.

DISECTION FINDERS

SOAPSTONE POINT

1922

Number.	Date.	From or To	Subject.
✓ 642938	9/20	Pug. Sd.	Quarterly inspection report. W.
655209	12/22	Pug Snd	Recommendations with estimate for Soap Stone Point Radio Station W

DIRECTION FINDERS

1921

Radio COMPASS STATION.

[illegible]

Number.	Date.	From or To--	Subject.
540749	1-19	To Comdt P.H. via Y&D and Comdt M. Island	Allotment of 3000 made covering projects W Y&D- copy of action to Pearl Harbor- 1/24 W Hlt. Div. 1-24-1919. Camp Sta. 1-11-19 used Destry Div. 18 3/5 Comments on possible use of Ford Isl. Camp Sta. 3/5 c W To Pearl Harbor Tel 3-9
546			
569449	6/13	Y&D	Copy of telegram to Pearl Harbor directing obligate allotment cov fabricating compass house before end of fiscal year. W.

[illegible]

DIRECTOR'S FINDERS: ANACOSTIA

1921

Number.	Date.	From or To—	Subject.
540744	1-20	To Comdt Wm via Y&D	Alloctment of \$30000 made covering station W Y&D copy of action to Washn. 1/25 W To Washn item will be del. abt. 5/1 April 19 4/18 Washington 5/12 lists defects. 5/12 W
542759	1/25	Y&D	Copy of letter to Washington directing compass house be constructed as knock-down type. W.
553490	3/29 S&A-4/6	To S&A W	Request shipment of cable from NY to Anacostia 6766 N RB 6/17 L fwd S&A 6/13
555730	4/6	To Pole & Tube Works	Grants permission to Representative of co to photograph Steel Guyed radio mast at Anacostia W To Anacostia Grants permission-Gives action W 4/6
559583	6-16	To Coast & Geodetic Survey	Request position of station Anacostia W Coast & Geodetic Survey- 6/23 W Coast & Geodetic Survey fwsd position. 6/23 W To Dir Comms Anacostia established as listed 7/6 To CO Anacostia fwsd Data 7/6
570664	6-23	To-S&A To Y&D	Request modification of order to include furniture listed for station Anacostia W Y&D- Copy action to Washn. 6/28 W. RB 7/8 fwd Y&D 7-14

DIRECTION TIDEZ AMO 1511A

1921

Number.	Date.	From or To—	Subject.
578831	8/3	Y&D	Direction of compass house completed with saving from allotment. W. Y&D—Copy action to Washn. 9/3 W.
587219	9/27	To Anacostia	Grants reply for Edwin L. White to visit Radio Lab Anacostia W.
596308	11/17	Y&D	Twds sheets to be filled out cov misel data for data book. Public works of the Navy. W. fwd Washn 11/23
600434	12/14	Anacostia	Request assignment of 50' motor sailer for calibration of compass station. WY To SNA Recd at 11/13 let from Washn to SC Anacostia 12/18/19 RB 1/18 W
601991	12/23	Anacostia	Call attn to defects in heating system of compass station at Anacostia. 12/23 W fwd lds & Bucks 1/6 RB 1/18 W

DIRECTION FINDERS

LAKEHURST N.Y.

1922

Number.	Date.	From or To--	Subject.
✓ 622446	5/8	Y&D	Copy of letter to 4th Dist. authorizing resubmit requisition 94 cov improvements. W
628355	6/15	Y&D	Copy of letter to Phila directing prepare requisition for matl W
643505	9/29	Y&D	Copy of endorsement to Phila stating painting at Lakehurst compass station are chargeable direct to Phila Yard W

DISPATCH 1000000; 1000000, 1000000.

Number.	Date.	From or To	Subject.
571011	7-20	Y&D	
571012	7-20	Y&D	
575032	7-25 <i>Can</i>	To Comdt Phila via Y&D	In re installn of antenna and counterpoise station Lakehurst WK
575584	7-26	To SEA	Cable for use in connection with radio compass station Lakehurst W
577978	7/26	Y&D	Copy of endorsement to Phila. authorizing expenditures for movement of radio compass station W
578621	8/2	Phila.	Quarterly inspection report. 1.
579066	8/4	Y&D	Request authority to expend addtl money for repairs compass and radio stations. Kw. Y&D- Copy letter to Phila. 8/19 W.
572002	8-13	To Operations	Calibration of using dirigible radio compass at Lakehurst W. Co. Phila and CO to Co at Phila 8/13

DIRECTION FINDERS LAKEHURST N. J.

1921

Number.	Date.	From or To—	Subject.	
581373	8/18	Dept	Copy of endorsement to Lakehurst authorizing use of air ship U-6 for calibration of compass at Lakehurst. W.	
582097	8/22	Lakehurst (T)	Gives status of instln of radio transmitter variometer units not read; Radio compass ready for calibration. W.	
591788	10/21	Y&D	Fwds instructions rel to submitting data for book "Published Work of the Navy" W Fwa Phila 10/31	
592476	10/24	Phila.	Fwds special radio report on instln and testing of compass equipts. W.	
604245	1/10	1922 Phila.	Quarterly inspection report. W.	
621741	5/3	Y&D	Copy of letter to 4th Dist returning requisition cov instln of storm entrance and heating system— directs change specifications. W.	

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DIRECTION FINDERS: LAKEHURST N.J.

1921

Number.	Date.	From or To -	Subject.
541196	1-20	To Comdt Phila via Y&D	Allotment made covering station 2500 W
		Phila- Request issue ship orders	3-2-21
		gov material listed. 4-4 W	3-1-21
		To Y&D Deck Regt stove be	3-1-21
		provided as listed 4/23	
547339	2/18	Y&D	To Phila via Y&D 2-15-21
			To Phila Grants Authy 4/23
			Copy of endorsement to Phila approving
			construction of Radio compass house at Lake-
			hurst. W.
557668	4/13	Phila.	Quarterly inspection report. W.
558068	4/13	Phila.	Quarterly inspection report. W.
559613	4/26	To S&A	Request shipmt of condenser from Philt Co Lake-
	Phila. 9/19 W		hurst 7151 W RB 6/22 W RB 3/24/22 W
			To Phila 6-25
560291	4;26	Y&D	Phila. 8/16 W
			To Comdt Phila 8-25
			Copy of letter to Phila stating stove will
			be furnished for W.
562303	5-9	To S&A	Request shipmt of charging unit from Norfolk
			to Lakehurst. W 7318
			RB 6/13 W
562304	5-10	To S&A	Request shipmt of amplifier and tubes from
			Washington to Phila 7 7317 RB 7/20

DIRECTION FINDERS: LAKEHURST N.J. 1921

Number.	Date.	From or To—	Subject.	
569501	6-16	To Comdt Phila via Anacostia	Completion of installation at Lakehurst. Rel action being taken expedite delivery of material. W Phila. 6/27 W. Phila-rec'd full complement be furnished. 7:11-W	
572535	6/30	Y&D	Copy of telegram to Phila stating Lakehurst authorized to add instln of counterpoise. W	
572002	see card 2			
572062	7-4	To S&A	Rec'd shipment of wire wound armor from N.Y. to Lakehurst 8/8/15 To Phila 7/13	
	8/3	Y&D	Copy action Phila. 8/30 W	
			To S&A amendment 7/19 8189	
		Y&D	Copy action to Lakehurst 7/26 W	
			And Y&D 7/23 Y&D copy action to Lakehurst. 7/26 W	
	7/19	To Phila	Asks when Lakehurst antenna will be completed also antenna capacity W To Phila 7/23 Phila progress report. 7/1	
575183	7-20	To Anacostia	Confirm phone conven rel transmitter for Lakehurst W	

DIRECTION FINDERS FOLLY ISLAND COPT STA 1922

Number.	Date.	From or To--	Subject.
✓ 63788	8/19	Fwds ¹ ds & Decks	Exchange of trucks- fws recommending apovl W Y&D- Copy action to Chasn. 8/23 W
✓ 640469	9/1	Chasn.	Rel to furnishing white motor truck to compass station. ¹ ds & Decks 9/15
✓ 644049	9/29	Chasn.	Quarterly inspection report. W.
✓ 645275	10/12	Y&D	Ant. orizes improvements to compass station completed with savings under allotment. W
✓ 646275	10/12	Y&D	Copy of letter to Chasn. stating approved credit card will be fwsd cov savings under allotment for improvements at compass station. W.

919-80

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DIRECTION FINDERS POLLY ISLAND COM STA 1922

Number.	Date.	From or To--	Subject.
✓ 649958	11/17	Y&D	Copy letter Charleston reporting on savings allotment covering purchase of furniture W
✓ 651519	11/28	Chasn. (T)	Mast at compass station collapsed due to high wind and rusted condition-28 To Chasn. (T) - Requests estimate 11/29 Chasn. 12/7 T \$1300 W As per 8 books- Allotment made co Chasn 12/13 Y&D 12/15 Copy action to Chasn W Chasn 12/16 T R. sts action W
✓ 651705	11/29	Chasn.	Report covering collapse of mast- recommends mast removed from Jacksonville station be erected- was print. W.
✓ 654243	12/19	Y&D	Work in conn with improvements completed with savings under allotment. W.

DIRECTION FINDERS

FOLLEY ISLAND CANT 374 192.

Number.	Date.	From or To-	Subject.
/ 603412	12/30	Chasn.	Quarterly inspection report/ 7. To Chasn- Comments on report 1/28
/ 603741	1/19	Chasn	Re: u st submarine cable be provided for telephone communication at Station. 7. To Chasn- Report of cable repair to St. Chasn 1/28 Chasn- Report rel to providing submarine cable 1/28 To Chasn- Give Action taken 3/11
613176	1/17	<u>D. H. Shallcross</u>	Report on inspection of Folley Island Station. 7.
/ 614578	3/23	To Chasn	Radio compass Station, Folley Island Fwds photostat cc of data sheet w
/ 617453	1/4	Chasn	Quarterly inspection report. 7.

DIRECTION FINDERS

FOLLY ISLAND COMPASS STATION

1922

Number.	Date.	From or To-	Subject.
621950	5/5	Y&D	Copy of letter to Charleston directing expedite report on status of work under allotments chargeable to Engineering 1922. W.
630114	6/22	Chasn.	Folly Island- Quarterly inspection report. W.
631407	7/3	Chasn.	Request instructions rel to unsuitable rugs for quarters - W. To Chasn cannot provide further funds 7/21
634634	7/25	Charleston T	Ask if plan covering heating system for compass house is approved. To Chasn (T) place expansion tank and pipe in most satisfactory location 7/27

Number.	Date.	From or To—	Subject.
572534	6/27 6/30	Chasn. Y&D	Gives reasons why station will not be completed by 6/30 W. fw Y&D 7/12
573081	6/30	Charleston Fwd Chasn via Yds & Decks 10/1	Submits request for additional allotment W fwd C omndt Charleston 7/25 Chasn- Subm list of furnishings for, with price 9/14 W. To Chasn via Y&D 7/13
579573	8/3	Chasn.	Two's radio compass calibration curve.
583138	8/25 8/29	Chasn. Y&D	Over expenditure in allotment. WK To Chasn via Yds & Decks Allotment athd 9/10 BB 10/15 W. To Chasn via Yds & Decks- Gives instrns 10/20
583407	9/10	To Chasn	Re-sis that station be recalibrated as at practicable using a more suitable vessel than a searcher W
585430	9/14	Y&D	Copy instrns to Chasn to move radio station from Harris Isl. W.

DIRECTION FINDERS POLLY ISLAND COMPASS STATION--1921

Number.	Date.	From or To--	Subject.
589552	1-6	JAG	Fwds copy of deed by Polly Beach Corpn cov compass station site. W.
590127	10/7	Chasn.	Request for special allotment of Ceil crews quarters. To Chasn- allotment made 10/21
591510	10/18	Chasn.	On hte. ly inspection report. W. Fwd Chasn 11/5 Chasn- Action taken on inspection report. 12/13Y Fwd Chasn 11/18 RB 2/3 W.
591972	10/22	Y&D	Copy endorsement to Chasn. in conn with over expenditures cov moving radio station from Morris Isl to Polly Isl. W.
594054	10/28	Chasn.	Fwds radio compass deviation curve. W.
595079	11/3	Chasn.	Fw's request of Polly Isl. cov ord for radio compass deviation cur. cov. W. Fwd Y&D & Docks 11/17 Y&D- Copy action to Chasn. 12/10 W Chasn- Recommends Ford truck be furn. 12/9 W

DIRECTION MIXERS ST PAUL RADIO COMPASS STATION. 1921

Number.	Date.	From or To—	Subject.
594234	11/2	30A	Copy of letter to suggested assigning accounting number to St. Paul radio compass station. 1/.
			1922
603008	1/7	To Hon Secy of Commerce (sec Sig)	establishment of additional radio activities on St. Paul Island - attention will not interfere with seal industry; Request inform W Dept of Commerce - Request further inform. 1/12 W to Sec of Commerce - Location of station cannot be determined 1/25 W (Sec Sig) Dept Commerce - Request prints showing location of station. 1/3 W Dept of Commerce - 2/8 - Rwd's comments on Bureau of Fisheries rel to drilling Artesian well. 2/8 W and R. 2/13
CANCELLED		all correspondence changed to 847- radio station.	
603216	5/8		agreement 26 Feb 1921 to open 15 Jan

Number.	Date.	From or To—	Subject.
639300	8/23	8th Dist	Report of inspection.W.
638407	8/26	To Dir Commns	Radio station South Pass Port Eads- Establishment of- W To Comdt New Orleans- Comments on 10/13 W
647302	10/27	Y&D	Submits data concerning Board Eads Compass station or data book W Fwds 8th Dist 11/2 L.C. 11/29 Fwds data W Fwds Yds & Decks 12/6

DIRECTION FINDERS: PORT EADS LA

Number.	Date.	From or To—	Subject.
614575	3/24	To NO via Yds & Docks	establishment of radio compass station at South Pass Authd - Gives Action taken W Jax- Copy ation to New Orln. 3/27
622079	5/6	To NO (T)	Authority to use Army station Port Eads all inates used for Grand Island master W New Orln- Recommendations cov mast. 5/9 W To NO use of the Eads alive 5/29
625183	5/24	New Orln. (T)	Request auth to placed Burwood Station out of commission 5/31 / W.
628496	5/15	New Orleans	reports returning radio compass receiver to Sperry Co for remodeling W To Comdt N Orleans- Receivers to be modified 6/1 on Wash SEA New Orln. 7/12 W

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DEFLECTION FINDERS

PORT EADS LA

1922

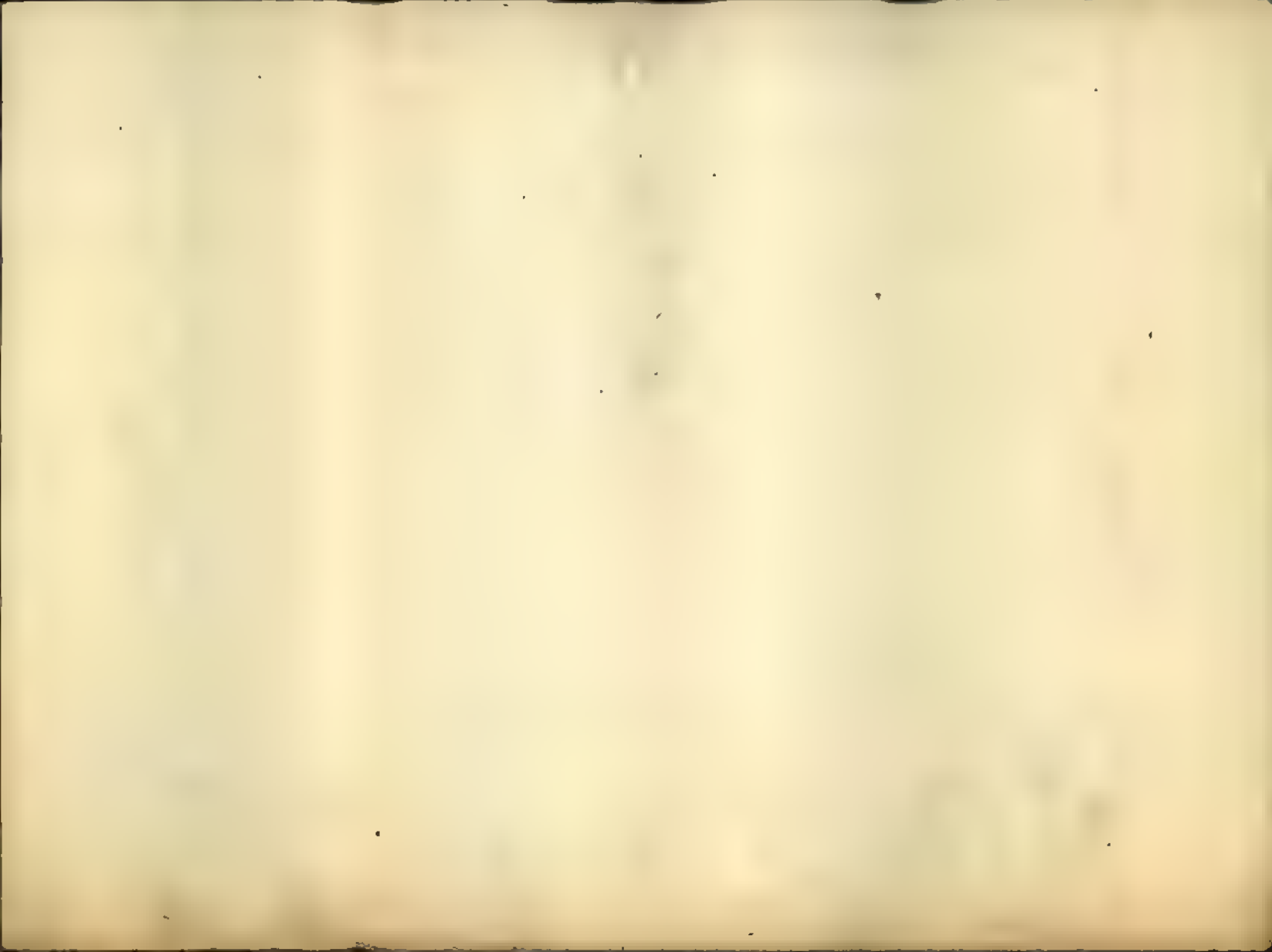
Number.	Date.	From or To--	Subject.
632857	7/14	New Orln.	Request approval of requisition cov services of F. R. Gagan during calibration of station. W. New Orln 7/17- (T) Request ation. W to conduct New Orleans- T. Gagan sent by radio checked on land line. 18 W to conduct New Orleans- Dist. vd. station. Radio Inspr's present for this work 7/17 "
633628	7/12	New Orln.	Request ship of small arms and ammunition to Burwood and Pass A route be cancelled. W. and furnished to Port Eads. W Rwd 7/28
634385	7/23	8th Dist. Copy	Request permission to place station in commission 7/27 W.
638407 card 2			
638497	8/14	New Orln.	Report on calibration of Port Eads station. W. W
638471	8/11	New Orln.	Report cov completion and calibration of Port Eads station. W.

DIRECTION FINDERS)

- CIVIL SERVICE STATION

1922

[illegible]



DISTANT CONTROL: RADIO.

1917

Number.	Date.	From or To--	Subject.	
211796	1-13	M. Ia	Distant control for radio shore stations; Fwds set of plans.	876

DISTANT FINDING, by radio.

1914

[illegible]

1916

Number.	Date.	From or To—	Subject.	
198958	9-11	TO M. Is	Directs be renumbered according to radio coordination plan	830
198959	9-11	TO Phila	O'BRIEN: calls attention to discrepancies in marking of radio drawings	539-6
198960	9-11	TO Norf	Instructions for numbering of drawings	876
207078	12/2	To Atl Flt	Request copies of corres to Force Commanders re changes in standard radio install plans and in standard radio allow lists	876
207923	12/8	To NY	Radio Co-ordination plan: reqt status of stock of sheets of standard A-1 and A-2 seized tracing cloths held at NY for distribution; are contemplating changes in and do not want to purchase another supply	634
208920	12/8	M Is	Report inaccuracies in drawings furnished by Fed Tel Co for 20 kw arc sets	876
210714	1/5	To NY	In recording all radio drawing numbers, directs use alteration letter. W	876
211193	1-11	To Norf	Semi-monthly reports should contain radio drawing number. Moenc on report of Jan 2,	876
213900	2-7	NY	Have received request from M. Is for 2 size sheets; request action on stock list submitted Feb 3, be expedited.	876

DRAWINGS: RADIO.

Number.	Date.	From or To—	Subject.	
218514	3/17	To Phila	Vandykes of all contrs prints should be fwded to NY for numbering under the co-ordination system and for distribution to various yards	876
221501	4-7	To Aero Sta	semi-monthly report, not giving drawing No. Directs proper number be added to original and new prints fwded to all yards, ships, etc.	876
228117	5-12	NY	Reports forwarding F size sheets tracing cloth to Bureau.	876
232617	6-8	To Phila	Standard plans/ Lists drawings and reqts vandykes of. Instrns re fwding other vandykes to Bu.	876
238442	7-10	Wash	Fwds list of radion drawings for the French Commission.	612
292945	3/30	To Firms	Reqt comments on method of compiling radio drawings wch will meet fully needs of contra/	876
310466	5/28	To Yards	Radio Tel-Adherence to Navy standard plans of radio equipment-Det instruction in re to	878
310466	5/28	To Yards	Radio Tel-adherence to Navy Standard plans of radio eqpt-det instrn in re to. To Report in re above 5/31 To West Ditto 5/31 To Port Lakes Ditto 5/31 To Pensac Ditto 5/31 To West reqts antenna awgs be fwded 6/4	873-
		New York C/13		

DRY TORTUGAS.

FILE No.	From or To— (Dated)	Subject.	
33202 3/4	Key West	PORTABLE FIELD SETS: recommends that abandoned submarine cable at Dry Tortugas be exchanged for. 397--1 1913	



4-3381

Number.	Date.	From or To—	Subject.
543789	1/24	Eng. Sd.	Copy of letter to Supt Light Houses 17th Dist. Submitting comments on use of tellameter. W.
546910	2/3 2/16	Supt Eng. Sd. Nav. Communications	Operation of tellameter on light vessel 93— request instrns covering. W. fwd Comm 2-18 Eng. Sd. 1/10 Request action. 2/3/2. W fwd Naval Commun 3-8 RB 3-10 To Eng Sd re Opern of telemeter on light vessels 3/16
549270	2/25	Bur Light Houses	Report on range of radio beacons. W.
570398	6/17	Bur Light Houses	Demonstration on board TULIP 6/27- of radio fog signal station. W.
522946	5/3 5/10	1922 Dept Commerce JAG	Fog signal building on Beacon site- at Cape Henlopen - ask if station has been sold and demolished. W.
CANCELLED See		919-10	Fwds Phila 5/13 RB 6/8/22. W.
623072	4/5 5/12	Internatl. Mercantile Marine Co. Hydrographic Off.	NANTUCKET light vessel should be equipped with direction finder. W. Fwds Navign 5/17/5 RB 5/27 W Fwds by Navign 2/5 to be at present (last Sec Sig) Fwds cc of commns on use of radio in. sound apparatus as aids to Navign 5/5

1922

[illegible]

KEY FOG & DANGER SIGNALS:RADIO.

Number.	Date.	From or To—	Subject.
✓ 294725	4/1	DeForest Co	Radio-have set at Point Judith Recommends be inspected once a month. To Newport--S submits above recommendations with action.4/10 To Newport--Gives action.4/10
293847	4/2	To 2nd Dist	Radiohore at Pt Judith. Fwds description of. W 2nd dist--4/9 To Newport--5-3
267455	SEE CARD 6		To Newport--Reet confer with Insnr Lighthouses 3rd Dist re location of mast. 4/22 To Insnr Lighthouses 3rd Dist--Reet have representative confer with S u Representative re location of mast. 4/20 To Point Co--Request authority to remove radiohore. W 4-23 To deForest Radio -Auth given--5-1 To Forest Co. W 5-17 To Point Co--No objection to instal of radio at Pt Judith light. W To NY- R re resigning of fog warning app install on Nantucket Light Vessel 85 12-9
✓ 297-65	5/15	To DeForest Co.	Reet confer with Pt Judith Lighthouse re location of mast. 4/22 To Insnr Lighthouses 3rd Dist--Reet have representative confer with S u Representative re location of mast. 4/20 To Point Co--Request authority to remove radiohore. W 4-23 To deForest Radio -Auth given--5-1 To Forest Co. W 5-17 To Point Co--No objection to instal of radio at Pt Judith light. W To NY- R re resigning of fog warning app install on Nantucket Light Vessel 85 12-9
332426	5/12	To Y&D	Encl. fwd. & approved. W. To 2nd Dist. All-ts. sent. For print. c On file. 5/26

FOG & DANGER SIGNALS: RADIO

Number	Date	From or To	Subject	
✓ 352498	9:28	Sims Copy 5759	Asks if shipment of airplanes includes antenna reels, etc. W	
✓ 350649	11-1	To S&A	Reqs shipment from Wash to Fire Island radio app be cancelled order of 9-21st S&A-rec. copy of ship order 29th W	
423087	7/11	To Newport	1919 Request action be taken showing del of equip shipment order of 6/5/19 for signal warning apparatus for installn on light vessels To S&A req ship from Newport to N.Y. for signal apparatus 6/5 To Newport- req reply to SE later of 7/11 To Newport 7:28 RB 8:4 and NY 8/5 R B 11-11 NY-1:22 1920 To IM NY 2/10	7/28
449570	10:4	In Stand	Copy of let to Com in con with instal of trans stations along Chesapeake Bay for fog signals. W	
✓ 490739	4/29	Bur Light Houses	Re installing batteries on Fire Island Light vessel #68 and Ambrose Channel Light vessel #67 in con with experimenting in radio fog signalling; request NY be instructed covering. X 678 - W To Department Commerce- authorizes 5-1	

FOG AND DANGER SIGNALS; RADIO.

Number.	Date.	From or To—	Subject.
262040	11/19	Lighthouse Service	Point Judith: request instructions relative to whether Navy shall furnish additional parts required, in view of fact that Navy has to take care of wireless outfit on the fog signal at Point Judith. W To—11/22 ✓ To De Forest Co—Re cost of extra fuses and spark plugs at Pt. Judith. 11/22 De Forest Co 11/23 To De Forest Co—Bu has prepared reqn for material. 11/30
263697	11/26	Sub Sig Co	Radiometer and radiophone used at Fire Island request copies of drawings and diagrams referred to in report. W To—NY will furnish. 12/14 To—Feds drawings telemeter. 1/21 To Pt Judith Lighthouse. 4/20
267455	12/12	Lighthouse Service	Copy of letter to De Forest Co reporting radio phones installed at Point Judith. W To 2nd Dist. Directs send competent electrician to Pt. Judith. 12/18 To De Forest Co—12/18 To—12/18 2nd nav dis—12/31.
		To De Forest Co—Reqd send engineer to Newport 1/7 2nd nav dis—3/6 To Newport—Feds copy of letter from De Forest Co. 5/14 2nd dis-reports on repairs made to radio-phones at Point Judith—4/12	SEE CARD 7
267107	12/14	To NY	Reqd for telemeter drawings of Fire Island Light & Ip. Lists. W Feds drawings of the telemeter of Fire Island 11/17
267412	12/14	To Lt. T.A.M. Craven	Set is first of its type to be used in this country to give fog warnings by radiophone. W
268886	12/20	De Forest Co	Copy of letter to T.A. Edison Co requesting that they instruct Newport rel to adjusting repeating device at Point Judith. W
269577	2-18	NY	Requests list of light ships on which distance measuring devices are to be installed. W. (Telemeters) 678

912-FOG AND DANGER SIGNALS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 269833	12/26	DeForest Co	Radiophore at Pt Judith-fwds report of representative recommends that Edison Co be directed to mfg parts of their amberole to be used at station.W
✓ 271138	12-29	De Forest Co	To Newport—(T) Directs send representative to Pt Judith, 3/30 Submits estimate for repairing radiophore set installed at Point Judith.W To—Reqs being prepared, 2/23 To—Directs complete repairs, 1/7 To—Vandykes have been rec'd, 3/26 Co 1-8 Newport - DeForest Rep refuses an Point Judith 29 - departed 30th DeForest Co-Enginger will arrive at Port Judith 3-30.W 3-26 DeForest Co 1/23 To—S&A will expedite payment, 1/28 To—Directs repair apparatus at nce, 3/13
273739	1-11	Wash	Invoices in favor of De Forest Co covering work at Point Judith; request payment be expedited.W Fwd Wash, 1/17
274348	12/28	Lighthouse Service	Rel to payment of invoices of DeForest Co.W Fwd S&A--1/18
✓ 275397	12-20	H.E Whett	Request information on radio phone for warning amberole.W To—Gives info reqtd, 1/29
281573	2-13	N.Y	Telemeter distance measuring device - ask number of light ships to be installed on. Fwd NY, 2/25 - RB-3-1 To NY, 3/15
281577	2-12	NY	Request list of light ships on which distance measuring devices are to be installed. W (Telemeters)
✓ 282585	1/29	DeForest Co	Ask when repair work will be fwded covering repairs to Pt Judith radio division.

575

FOG AND DANGER SIGNALS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 250341	9/11	Bureau Lighthouses (Personal)	Re notice to mariners covering experimental radio fog signal at Point Judith; fws amended copies. W
✓ 250951	9/24	Fwd Dept	Reqt for permission to publish article "Radio a new aid to Navgn". Rec appvl. W
252366	10/1	Lighthouse Service	Instructions to put Point Judith Lighthouse to put into operation fog signal with notice to mariners, etc. W
✓ 253691	10/8	Natl Elec Sig Co	Radio fog signal, Point Judith; fws report on. W To—10/13
✓ 254459	10/11	De Forest Co	Lighthouse set furnished Point Judith Lighthouse; states price quoted covered only the set itself; quotes price for accessories and request contract be amended to cover. W To—10/17 Co request contract be forwarded to them 10/23 Fwd S&A—10/30
✓ 255384	10/18	To Insp Lighthouses Tompkinsville.	Operation of radio fog warning apparatus at Point Judith. Reqt make arrangements for Bureau representative to listen in. W To National Elec Sig Co—Reqt make arrests for Bu representative to listen in. 10/18 Lighthouse Service 10/20 Natl Elec Sig Co 10/22

FOG AND DANGER SIGNALS: RADIO. 912

Number.	Date.	From or To—	Subject.
✓ 257072	10/26	Natl Elec Sig Co	Submits reports on messages heard from Point Judith on the radio telephone warning installed.W
✓ 257593	10/30	To De Forest Co	Reqt send representative to Pt. Judith Light House to stop the variable tuning coils, which vary the emitted wave length. Also reqt install suitable resistances, and reduce the range to 6 miles.W De Forest Co. States will send representative to Point Judith.11/2.W
✓ 257843	10/30	Natl Elec Sig Co	Radiophone warning at Point Judith; submits further report on.W To—Acknowledges.11/3
✓ 258422	10/31	A Lavender	Point Judith Light House radio fog warning apparatus-submits report on.W
✓ 258834	11/5	Natl Elec Sig Co	Radio fog warning signals-Point Judith submits report-5 steamers have not heard.W To—Comments on.11/7
✓ 259216	10/29	Pug Sd	Request description of radiophone installed at Point Judith.W To—Lists information reqtcd.11/10

FOR AND DANGER SIGNALS: RADIO.

1913

Number.	Date.	From or To--	Subject.	
177800	2/1	NY	Outlines plan for fog signals, Fire Island and light ship	812
181808	3/16	NY	Fire Island Radio Station; necessary to purchase special clock movement in connection with apparatus at station and on light ship for fog signals, etc	812
217083	3/14	To Wireless Spitzscope Co	M.I.S. will arrange for any tests of radio apparatus. W	604
218335	3/16	To De Forest Co	Notes have completed details of lighthouse warning device, and have taken up question of obtaining more reliable disc for use with transmitter. Reqt further report. W	
224118	4/21	To De Forest Co	Amberol looks more promising 4/18 DeForest Co. was print and description 4/28 W	
227748	5/10	Phila	Reports on inspection of De Forest's telephone set for sending fog signals. W	

912 FOG AND DANGER SIGNALS: RADIO.

Number.	Date.	From or To--	Subject.
✓ 238311	7- 1	Dept	Fwds copy of report of Board to convene for purpose of outlining ~~plan~~ for development and use of radio telegraphy for navigation purposes.W
238632	7/13	Communication Service	Quotes fr om Commissioner of Lighthouses directing cooperation of inspectors in connection with installing of radio equipment on <u>lightvessels</u> , for use as fog signals.W V
✓ 239891	7/21	To De Forest Co T	States when Lt. Lavender and Mr. Haskell will leave NY for Wakefield and Point Judith.W To Newport--7/21 (T)
242094	8/3	Lt. Robt. A. <u>Lavender</u>	Reports on installation of radio for warning apparatus, Point Judith Lighthouse.W
✓ 245984	8/27	To Nav Com	Radophone fog warnings apparatus. Installation at Point Judith ready for operation. W
✓ 246101	8/27	NY	Fwds drawings of fog signals.W
✓ 250162	9/20	To <u>Nat'l Elec Sig Co</u>	Reqt infor re utility of radio fog warning device such as is installed at Point Judith light. W

FOG SIGNALS; RADIC. & DANGER SIGNALS.

1913

Number.	Date.	From or To—	Subject.	
105048	11/13	To NY R	Request revised estimates installation experimental fog signal radio apparatus Fire Island Light vessel.	898
110622	11/15	NY	Estimate for installing radio set on FIRE Island Light vessel in connection with testing for fog signals.	898
111704	11/25	Dept. Commerce	Approves expenditure for installation Experimental radio set on Fire Island Light vessel for test.	898
5958	11/29	Fowler, Geo. S. / + 12	Bid of Leeds Forge Co. recommends decision be obtained re importing duty free and rect that schedule be re-advertised.	706
✓ 112304	11-22	M. Is 12051	Spitzesopar; fwdg corres showing inability to secure apparatus from Mr. Spitz for test.	W
113529	12/26	To S&A	Bellini-Tosi radio direction finder, rect shipment from NY to Wash. of two sets, purchased from Marconi Co. cont 75	898
117376	2/3	Rice, B	Suggested scheme for signalling in fog with whistles.	711-4

1914

FOG SIGNALS: & DANGER. 912

Number.	Date.	From or To—	Subject.	
✓ 119798	3-5 and 9 3-11	Steiner, Chas. R. Dept	Scheme for fog warning signals by use of radio combined with whistles. W To --- comments. 3/16. Steiner, further 3-18	
121215	3-19 3-30	M. Is Dept	3042 Wireless Spitzscope: ex-representative of S. Spitz claims claims apparatus was sold to British Naval Attache (Capt Grant) who arranged sale under assumed name. W To M. Is. comments. 4/6. Fwd Dept. 4/7 W. Is. 5/8 was corres. with Blum offering to manufacture. W	
125649	5/15	NY	Steinert fog signal device; unable to secure apparatus, and replies to letters re test. W Fwd NY 5-26	
127538	6/101	NY	Installation of an experimental set on Fire Island light vessel for testing out fog signals for Lighthouse Board. Revised estp.	898
✓ 140554	11-16	Campbell, R.	S. Spitz apparatus: for fog signalling; asks if any truth in Govt purchasing for \$3,000,000. W	
145313	1/12	NY	Relative to argrts for test of Fire Island with Ambrose Channel light ship for fog signals	812
170208	11/2	NY	Reports on tests made Fire Island and Ambrose Channel light vessel in connection with fog signals	812
171705	11/19	To Phila	Director indicators for ships; auth experimental work with Bellini-Tosi receiver to provide means by which an enemy's approximate bearing can be ascertained	898

FOG SIGNALS: WIRELESS: & DANGER SIGNALS 1912

Number.	Date.	From or To—	Subject.	
74663	7/31	Navl Intel.	Reports on establishment of radiophares in France for use as fog signals. W To-Nav. Fwds report 8/1	
			1913	
89962	2/5	NY	Ries found detecting and locating & signalling apparatus for use in fog.	711
97385	5/14	Bu. Light Houses	Rept information re Bellini & Tosi direction finders in connection with fitting light stations with fog signals.	898
✓ 97919	5-5 5-20	NORTH DAKOTA At. Flt	Recommends certain stations along coast be equipped with radiophares for use in navigating during fog. W Fwd Dept. and 5/26. RB 8-13 LHM Fwd Dept. 6/18.	
✓ 98135	5/26	To Atlantic Comm. Co.	Telefunken wireless compass: request quotations and descriptive matter. W	
✓ 98493	5/29	Atlantic Com. Co.	Fwds photographs and gives description of their wireless compass for use as a fog signal. To --- Ask 5/31.	
99389	5/29	Commerce, Dept.	Reqt Navy co-operate with Light House Service for testing out direction finder for use as fog signal.	898

FOG SIGNALS: (L" FILE

Number.	Date.	From or To—	Subject.	
✓ 99833	6-9 6-18	Spitz, S. Dept	Fwd clipping describing his radio invention for use during fogs. W To--- (For Secy's sig.) Ack. 6/19. To M. Is. directs investigate device. 6/19. M. Is. 7-24 To M. Is. Take up with Spitz re test of apparatus called Spitzscope. 8/8/18	
100624	6/25 6/30	Dept Commerce Dept.	RECEIVING & SENDING SETS: Re joint experiments between Navy and Light House Board with direction finder to test out value of fog signal.	898
103965	8/15	Dept. Commerce	Recommends using North Hook Beacon in lieu of Ambrose Light vessel for testing out fog signal.	898
105048	NY 9/4	NY	Estimate for establishing radio signal at North Beacon, Sandy Hook for experimental work with Dept. Commerce.	898
105383	9/5	Commerce	Recommends use of FIRE ISLAND light ship for testing out direction finders in connection with fog signals.	898
✓ 106305	9-13 9-23	Kelway, C. E. Dept 26840-2019	Sound locating system for transmitting signals during fog, same to be received on radio apparatus installed on ships. W TO -- Instructions 9-26	
✓ 108403	10-10 10-20	Kelway, C. E. Dept	Fwd additional data on above. W To--- (For Secy's sig) 10/23 To Interior Dept. forwards letter. 10/24	

FOG SIGNALS: WIREL SS: & DANGER SIGNALS

FILE No.	From or To— (Dated)	Subject	
32947 3/3	Lowenstein, F.	Fwds prints of hand generator for use with. W	
✓ 37192 4/26	Navgn	Asks if signals can be sent from Light ships during foggy weather publishing current observations. W. Jwd Harr. Bay for comment. 4/28. BB 5-12 Fwd -- 5/13.	
✓ 43626 7/7	BIRMINGHAM	Suggestions for arranging spark gaps of wireless to enable estimate of distance from other vessels in fogs. W To -- Bu will approve rean for material for two experimental fog signals. 7/17.	
✓ 46556 8/15	Naval Intel	Submits articles on stations to be established by foreign governments for transmitting messages in time of fogs. W	
66691 4-18	Hazelton, Br. I.H	1912 Suggests ships send wireless messages while in vicinity ice bergs; will be refracted back to ship as warning. W To. No information on subject. 4/23	
✓ 68688 5-12	Weather Bureau	Observations sent out; will corres. and direct with Radio office S.E. in order to expedite. W	
✓ 68689 5-11	Weather Bureau	Thanks Bureau for instructing West Coast Government wireless stations to forward weather observations to Portland and San Francisco weather stations. W	
73682 7/11	R.C. Douglas	SIGNALS. fwds photographs, etc. of his fog light machine for signalling through fog.	711



FOREIGN SHIPS ETC

1922

Number.	Date.	From or To—	Subject.	
638299	7/18	Naval Intelligence	Submits description of new Navy radio sta at Madrid W	
639567	8/4	Naval Intelligence;	Report on radio station installed by Japanese Navy in Manchuria. W.	
654393	12/19	L.W.Austin	Submits report on radio condition in Europe in 1922 with various pamphlets. etc. W	
654487	12/20	Bu Stands Lab	Fwds description and specification for directional recorder reave atmospherics. Fwds research Lab. 3/16 W	

[illegible]

1992

1b

Number.	Date.	From or To—	Subject.
608065	1/8	To Radio Corp of Amer	Rept report on static and comm. lition causation in the Clark Co. W Radio Corp of America— Will send report from Clark rel to static in Venezuela 2/7/35 W Radio Corp of Am 6/1 fws cc of rept submitted by Clark on conditions in Venezuela W Interference by Wake Station in connection with copying of Cavite traffic by Verba Buena. W Comments on interference: 4/7/35 PCCS— Comments on interference 4/3 W
611432	2:38	To PCCS	
617150	4/3	Memo to the Dept	Polish Government's Representatives have indirectly approached Dept rel undertaking test of high power radio equipment under manufacture by GE Co for install in high power Radio Station under construction at Warsaw Polish Govt willing to pay required expenditures covering tests— Reqt instructions C cross and Dept of State 4/12. Fws application from Polish Charge de Affairs requesting assistance on inspection of radio apparatus W To Hon Sec of State (see sig) — Gives Inform 5/3 et State— Transmits copy of letter from Polish Govt. 6/22 W To GE Elec Co— Fws inform 6/30 W Inspection of Radio equipment for Polish Govt at Warsaw W Under 12- 4/21 - no complete equip under contract remains to be inspected. W
617574	4/12	To Insp mat GE	

1922



Number.	Date.	From or To—	Subject.
622336	4/29	Paris Copy	All Austrian radio stations have been offered for sale to the German Elec. Co. P 652
626825	5/13 6/5	Naval Attache Rome Naval Intelligence	Report cov non receipt of radio messages by San Paolo station. W.
627416	6/9	Naval Intelligence	Quotes Canadian law rel to amateur receiving outfits and fee which must be paid. W.
627841	6/15	To Radio Comm of America 914	Report on the conditions in the Republic of Venezuela has been recd- Fwds same W
629029	5/23	Spec Sev Sqn	Report covg installation of radio sta at Tegucigalpa by tropical radio Co W

Number.	Date.	From or To—	Subject.
✓ 300112	12/21	To <u>Benjamin F Tillson</u>	Special calling system for use with radio telephones has been developed by American Telephone & Telegraph Co of Lynchburg available W
✓ 600783	12/21	To Bu of Standards	Assignment of Radio Research Problem— Gives Action taken W
600789	~~12/19~~	To ~~Mr. Elmer Root~~ ~~(See 511)~~	~~Request Navy to allow to outline~~ ~~policy of International Radio Commission~~ ~~particular~~ ~~attention in Pacific and Far East W~~
✓ 600762	12/24	To Yuse & Jocks ~~cross-920~~	Failure of system last at the Lyons Grace Radio Station. Quoted from report of visits to stations in Europe— W

FOREIGN SHIPS ETC.

1921

Number.	Date.	From or To	Subject.	
601557	1. 24	To office of Naval Intelligence	Newspaper comment on development in Russia gives intimations W.	
		19 2		
603513	12/17 1/7	N.Y. S. K.	5 W. articles for Eisenstadt - recommends health to Geo. Sugar Co. to be reimbursed. fwd SAA 1/12	7
605812	7	Dr. L. W. Austin	Detailed report on radio development in Europe. W.	
608077	10/25	Lt. Cdr. E. H. Lortin	Report on visit to radio stations and plants in Europe. W.	
607503	7/4	To Bu. standards	This is E. H. Lortin's report of visits to radio stations and plants in Europe Oct 25/21 W.	

Number	Date	From or To	Subject
✓ 553312	3	<u>Commonwealth of Australia</u>	Request inform on radio telephones and static.
553338	3/28	Paaf. Fleet	Fwd copy of intelligence report rel to reception of radio signals in Chile, fwding tracing. W. Fwd Bu Standards 4/2 RB 4/14 W.
553040	3/5	Nav. Attache, Japan	Report covering completion of radio station at Sasebo. FW.
553139	3/30	Nav. Attache Japan	Radio plant now being installed in Marshall Island by Japan. FW.
553038	3/30	Nav. Attache Japan	New radio stations are to be established at Tsing Tau, Vladivostok and Tainmaura. FW.
✓ 553354	9/16 9/20	Naval Intelligence DNC	Reports on carbon & alcohol consumption at Japanese Radio station Iawaki Fwd Dir Intelligence 7/23

FOREIGN SHIPS ETC

1921

Number.	Date.	From or To--	Subject.
589123	10/6	Comacho Roldan & Vansickel	Request assistance in establishing radio relations with a station in the Southern part of United States. W. Fwd Dir comm 10/11 Comacho Roldan & Van Sickle-East action 10/17 W Fwd Dir Communications 10/21 To Comacho Roldan & Van Sickle- Gives Action 10/21
593658	11/2	To Radio Research Lab	Translation of article on Mexican telefunken Station Chapultepec- Gives instructions W Bur Stand Labr. 11/4-Article not of importance W
597870	11/28	Nav. Intelligence	Fwds information recd from Naval Attache Peking, rel to radio stations in Japan. W. Fwd Director of Naval Intelligence V. & Rds- & Locks 12/10 Y&D-Copy action to Nav. Intelligence-12/15 W
598089	11/30	M.Y. Copy	Radio East Hampton, will be controlled by Wireless Tele. Co. W.
600225	12-16	To State Dept. (Secy Sig)	Relation of Radio Corporation of America to the communications of the U.S. and its position relative to communications in the Far East. W Memo for Dept. Proposal of Radio Corp of America as to Communication in China 12/13 W State Dept- Acknowledges letter of 12/16 W

FOREIGN CHIEFS ETC

Number.	Date.	From or To—	Subject.
486414	4/1	Republic of Nicaragua	Request data on radio outfits in operation in Nicaragua, in conn with purchase of apparatus from De Forest Co. for Govt. Sta. W. Fwd Com 4-9 To A.S. Lindt, rg. Agt. - refers to Comm. Suggests comm with firms listed 4-9
486491	4/5 4/8	U. S. of Venezuela Communications	Request information rel to apparatus supplied by Wireless Imprvt Co. W. To P.R. Rincardo - lists firms supplying 4-12
489548	4/20 4/14	State Depart Y&D	Fwds copy of cable from Woodwin stating American companies that desire to subm bids for construction of wireless stations should file bids by 5/30. To Radio Corp of America - Fwds copy of cablegram to the Capt. by representative Caracas rel construction radio tele station. 4/28 W To Wireless Sec. & pr. Co. - Fwds copy of cablegram to State Dept. rel radio station 4/28 W Radio Corp of America - 4/29 - W
490820	4/30	Naval Intelligence	Japanese have just finished erecting new wireless station in Manchuria - W To Radio Corp of America - notes text of report recd. rel to formation of new Co Japanese Financiers. 5/6 W Radio Corp of America - 5/8 W
509537	8-7	To Washn	Request for shipment of arc carbons from Dept of Naval Service Canada. W copy Comm Y.N.C. - copy message to Edwards - no date

Number.	Date.	From or To—	Subject.
501117	6/10	Canadian Nav. Service	Calls attn to change in wave length at Canada. F. F. Stations. W.
446503	From 48	Dept of State—	Have instructed representative of State Dept at Havana that Navy does not desire to acquire radio towers and equip offered by Cuban Govt. 5/24
503384	7/19	War Dept	Fwds clipping from Liverpool on scheme for an Imperial wireless chain. W. To Intelligence— reqst. copy of report of Sir Henry Norton on wireless tel. Com covering 10,000 miles for Imperial wireless chain about 2000 miles long. 7/23 Naval Intelligence— Fwds British publica- tion entitled "Imperial Wireless Telegraph Committee". 9/18 Fwds photostats of article regarding proposed wireless systems in British Empire. W.
501116	7:27	War Dept	
508116	5/18	A. O'Brien	Send outline of plan to put London in direct communication with all important centers in British Empire. W.
613727-198	1/5/21	O.N.I.—Eng	New Site chosen for Wireless station at Vancouver. B. C.

FOREIGN SHIPS: ETC

Number.	Date.	From or To—	Subject.	
473030	2/2	To Director Naval Com	Proposed establishment of high power radio station by British Marconi Co near Puget Sound Wash. Bids have been recd from firms covering erection of steel towers for use. W Communications. Subm report of 13th Dist. 3/8	
475626	1/16	Europ Forces	Fwd's copies of bulletins of Institute of Elec. & Radio telegraph Engineers and description of German radio station, Naueu. Also description of receiving apparatus used in Italian Navy. W	746
✓ 477293	2/20	To Wireless Spec Ap Co	Suggests communicate with Robert Dollar / Stramsh p Co. as regards wireless appr for Chinese Navy. 2/20 W To Fed. Co ditto 2/20 To Radio Corp. ditto 2/20 Radio Corp of America 2/21 Wireless Spec. Appr. Co. - 2/24 Fed. Telegraph Co - 2/27	
479853	3/3	Radio Corp	Proposition for station in Poland. To Polish Ministry- in re to above 3/6 To Radio Corp- advises have taken up with Polish Ministry 3/6 To Y&P- calls attention to encl. 3/8 Radio Corp of America 3/8	W

Number.	Date.	From or To—	Subject.	
480009	3/5	Argentine Mission Copy	Representative of radio Corp'n. too busy to worry about sale of equip't: are assisting French General Co. to prevent sales by Germans.	W
480432	3/3	13th Dist	Fwds clipping from Seattle Post Intelligencer in conn with increasing radio service after March 1st.	W
480719	2/13	Europ. Forces	French radio publications on "Radio Communication" - Fwds. To Inf. reqst copies 3/11	W.
481534	3/13	Naval Communications	Fwds radio telegraph notes recd from Naval Attache Paris - W Fwd Comm 3/31	
48564	4/2	Brazilian Nav. Comm.	Copy - Telefunken Transmitting equip't has been sent to Buenos Aires for demonstration; their engineer will present plans. Chile High power radio station within one month. To Radio Corp'n. Fwds copy telegram 4-13 Radio Corp'n of America 4/15 W.	W.
485322	4/8	Nav. Intelligence	"Oriental Radio" by Howard S. Tyle; reqst permission to publish. To Intelligence- no objections 4-8	

1919

10

FOREIGN SHIPS: ETC.

Number.	Date.	From or To—	Subject.	
> 414766	4:1 4:21	Chicago Pacific Fleet	Radio operating conditions at Rio de Janeiro, report covering. To Com- Fwd. 5:2 RB 5:5	W
414767	5:2	To Com	Rad. conditions at Uruguay RB 5:5	W
416923	5-9	To European Forces Tel	Swds written description German Radio Stations at Kauen and Ellvess period same should cover technical characteristics as completely as possible W	
440876	8/20	Dept	Copy of let to Dept State stating cannot grant permission to extend hours of test between Marion and Norwegian station at Stavanger.	903
442450	8:21	Dept State	In con with wireless com between U. S. Venezuela.	

Number.	Date.	From or To--	Subject.	
442795	8:29	Com	Sub let from Superintendent Tel Nassau Thomas, regst info radio tel. W.	
		S&A- Copy of action to Wash. 12/4	and Com 9/5	
		S&A- Copy of action to Miami. 12/25	Comm. 11-25 Fwds ltr from Supt of Telegraph Dept Bahamas in conn with pur h of radio app. fwd Wash via S&A 12/3 cc to Com and Miami To PE Burns- shipt reqsta 12/4	
445221	9-10	Lt Comdr Sweet	Belgian Govt. Establishment of intercommu- nicating radio service with U. S. Copies of correspondence conducted with State Dept and Belgian Govt by Mr. Sweet's direction. W	
		corresp with Belgian Govt 12/1	To Administration of Tel & Tel-Belgium- relative to estab of high power station in Belgium 10:27	
		conn with S	To Naval Intel-Bu prepared reply to the correspondence of Belgium Gov. 10:27	
446738	9:13	Polish Republic	Naval Intelligence 11-21 Fwds original Construction of high power station at Warsaw. asks assistance of U. S. To give figures based largely on erection of station lat 9/28	
			To R&D-Tel to erection of station in Poland 11/21	
457009	11/7	Naval Intelligence	Subm article appearing in Journal de la Marine in conn with progress of radio telegraphy during the war. W.	
458968	11/19	S&A	Fwds correspondence in conn with bids invited by Venezuela for Wireless Sta. fwd Com 11/25	W
463885	12/15	Nav. Intelligence	Fwds register number 1265, regarding radio telegraphic instructions.	W.
		To - Reqts fwd lectures. 12-19		

1918

FOREIGN SHIPS: ETC.

Number.	Date.	From or To--	Subject.
384746	1:17	Sims Copy 3992	No experiment with lower frequency has been made. W To Sims-- (T) Ascertain lowest frequency rectified alternating current possible plate circuit input high power tube transmitters used British battleships advise 1-13
385976	12:50:18	Fifteenth Dist	Req an allowance for Puta Mala Station for last two quarters of fiscal year, sub for approval. To--- Auth allowance \$1900.00 for maintenance 1-29
386114	1:13 1:23	Dept of State Com	Fwds copy from Cuban minister, req authority to cancel order for six out of twelve radio stations. Fwd Comm via YAD 1-31 To S&A req ship from Brook to Havana Cuba radio insulators 3-21
389314	1:27	Post Copy	Req instruc forms etc. in con with operators license for Philippines Isl
377280	FROM CARD 8 Dupl		To Balboa (T) Antenna leaving Fleet Supply Base Brook via LAKE WILSON - 2/18 To--- states engine gen. left at Mar. 2/19 Balboa-Tel-Cannot secure release of antenna ship, pers. 4:10 S&A-Copy of endorsement to 15th Dist directing turn over antenna to Dist Com Officer. W 4:18 RB 5:28

1919

Number.	Date.	From or To—	Subject.
~~399162~~	3-3	Department (Wrong Entry - See 787-9)	Copy of telegram to Cruiser Force stating 12 German ships will be converted into troop transports and operated by Navy for Army Account - A
~~399167~~	3-2	Brazilian Naval Attache	In conn w possibility of radio stations in Brazil recvg direct messages from France about proceedings of Peace Conference - W And Communications 3-2
398114	OVER		State Department- 3:31 - Com 4:3 - Rwdg copy of letter from Cuban Minister stating that Government has decided to accept ar- rangement proposed by Navy. W To S&A- asks location of his sing trans & receiver and show del to Havana 4-9 TO Y&D-Radio sta ordered by Gov Cuba. 4:29 Com 5:26- Rwdg let from State Dept in con with. To Y&D- asks an "cc" of "230 Naval Intel-advices of info. rec from Cuban Gov as to ship instruc. 1 6:24 To Naval Intelligence- order for shipment of gen sets mfg by Westinghouse Co for Cuba 5/25
414767	4:1 4:21	CO CHICAGO Pacific Fleet	Radio operating conditions Uruguay, report cov. W

RC SIGN CLIPS AND STATIONS.

Number.	Date.	From or To—	Subject.
✓ 283727	none	Tel Dept of Bahamas Is	ask approximate cost of 1/2 and 1 kw outfit for installation on a small adjacent isl and. "
			To Domestic Eng Co—Reqt fwd literature. 2/26
			To—2/26
✓ 283997	2/21	Marconi Co	establishment Reports ~~indication~~ of ?? station for transatlantic service near Scavenger.
			To Acknowledges. 2/25
✓ 287710	3/9	Marconi Co	Quotes from London stating Stavengar will transmit on certain dates - request report on strength of signals - "
309568	5:22	Naval Communication	Fwds report from Dutch radio receiving sta. w
✓ 329241	7:20	Ordnance	If possible to return of 21 pounds to possession of British in Oct 1916. To Intl Research Council- Impossible to fwd these publications-6-6
			Fwds copy of British confidential publication, report of Naval Torpedo School for 1916. To Ordl. Sect. of Brit. Conf. Incl. 7/25

FOREIGN MILITARY AND NAVAL

Number.	Date.	From or To—	Subject.
✓ 337682	8-14	Fed Tel Co To Dept 8:23 received back 9:4	Japan has request quotation on arc radio apparatus, evidently intend to construct a high power station in Japan, request instructions relative to submitting such quotations. Tel. Co. 7/23 To Secnav. Adm. Lett R 1341. Tel. Co. 7/23
339764	8/23	To SEA	To— Quotes let. from Secnav. 9/5 Reqs. shipmt. of radio apparatus from Wash. to U.S. Canal Zone, W To SEA, reqst inform re shipmt radio apparatus. 11-25
351638	9:24	North A & West Ind	Will allow Major Cheesman to inspect and make drawings of rec equip. W H Clark-Fwds report 9:30
✓ 351630	9/25	To Comm.	Reqs. permission to comm. direct by Radio between the British Ship & British Station at Jamaica. W 10 10/1/25. Travel orders. 10/9/25
352917	9/24	War Dept	Confidential report covers wireless condition in Mex sub by rep of Pan Amar TEL Co W 867
352917	9-28	To Milit Intelligence	Reqs Report on Wireless conditions in Mexico be kept confidential, W
362764	10:26	7th Dist Copy	Sig station at Cande Key taken over from W. after bureau, req action in connection allowing British counsel to rec daily rep. W

Duplicate 8

to card 9

FOREIGN SHIPS ETC

Number	Date	From or To—	Subject.	
377365	12-14	To Sims (T)	Expedite fw ing report of Lt W. M. Blumenkranz on British radio in Grand Fleet	W
377363	12-17	Sims (Copy 2904)	Report of radio station.	W
377363	12-17	Sims (Copy 2904)	report fwded to Bu. for correction	
377363	12-26	Dept of State	Sub report on apparatus operation progress etc. of radio trans for ground fleet. W	
384381	1-11	Lt W M Blumenkranz	Sub report on apparatus operation progress etc. of radio trans for ground fleet. W	

FOREIGN SHIPS AND STATIONS;

Number.	Date.	From or To--	Subject.	
211286	1-9	Electrose Mfg Co	Rwds printed matter and copies of negotiations with Mexican Govt for furnishing insulators for Mexican radio stations.	911
211714	1-12	R. Crane, State Dept	Rwds Corres with W. S. Rogers relative to equipping stations for commercial business between Pacific Coast and Orient.	Govt 895
227491	4/27	no source	Gives list and description of radio stations in Cuba. W	
227508	5/10	To SEA	Russian Naval Attache reports radio set for steamer IRYSK. Best action be taken to furnish. W	
233636	4-30	Asiatic Flt	Rwds report on Japanese radio dash and duck code; flt rec that Liet. Craven be commander and notation made on his record. W	
235884	6/3	S. R. Kear Personal	Relative to proposed station at Cape San Antonio, Cuba, United Fruit Co and station being erected by Cuban government. W	
243159	8-10	To Navy Com	Rwd. 201.1 F letter relative to Ter an activities in radio in Buenos Aires.	707
254327	10/11	Communications	Request information as to stations in Spain equipped with Marconi rotary discharger, in connection with deciphering intercepted suspicious messages. W	

661: FOREIGN SHIPS AND STATIONS.

Number.	Date.	From or To—	Subject.
✓ 22230	10/24 none	Lieut Paul H. Bastelo Sims	Submits report on the Royal Naval Signal School at Portsmouth, England, with data on radio apparatus used by British Navy—sketches showing installation, etc. W European Forces fwds report on visit to Royal Naval Signal School; fwds specifications and data secured 12-14 European Forces 1/26
271739			Fed Tel Co 1-8
274354	12/31	European Force	Curves for use in radio work showing H.S. Micajars (British System) corresponding to various wave lengths meters-fwds. W
274357	12/31	European Force	Valve sets and auxiliary radio sets used on ships of the French Navy-fwds description. W
✓ 278251	1/31	Communications	Fwds copy of letter from the American Consul at Azores regarding installation of a new radio plant by the British Admiralty at St Michaelis - W
✓ 283012	2-19 SD- Asks Gov with	San Domingo copy if can sup position antenna - Tel-2:19	Ask if possible to furnish Dominican Govt with <u>antenna</u> , etc. To—(T)Bu will supply antenna. 2/23 San Domingo - antenna should be consigned to Government on nickel bridge - 2/26 To NY—Directs ship antenna to. 2/27

FOREIGN SHIPS AND STATIONS:

"DUPLICATE"

1915

Number.	Date.	From or To—	Subject.
155394	5-19	To NY.	Test of radio set belonging to Mr. Fritz Lowenstein for Consular Agent of Guatemala;
		Crenshaw reports on 6-2 NY recom	investigate and submit report on. W
		NY gives wavelength 5-26 accept 6-2	NY recommends proposed test 5524
		Darien will not send 27-28-29 5-26	To Colon--(R) Gives schedule for test. 5/25
		To NY--Asks schedule. 5/27	To-- Approv schedule. 5/25
✓155480	5/18	See below State Dept	Fwds copy of letter of thanks from Minister of Guatemalan in connection with inspection of wireless apparatus. W Fwd Dept-- Noted. 5/22
155962	5-25	NY	Reports on test of Lowenstein set for Guatemalan Govn. W To--Reports test and June 1. 5/2
155394	See above.		To Colon--(R) Lowenstein's test; gives schedule for: W To NY-- Ditto. 5/28 To NY--(R) Has test bee made with radio set and are results satis. 6/1 Fwd NY-- 6/1 RB 6/5
✓155762	6/3	NY	Guatemala radio set; fwds copy of correct report of tests already completed; reqt that Canal Zone, San Juan and Guantanamo report on results those stations by radio. W To-- Gives results of test as rec'd by Darien. 6/8
✓171231	9-28	Tutuila	Reports on German station at Apia captured by British. W Fwd Dept-- 11/22
2112886	1-9	Electrore Mfg Co	1917 Fwds printed matter and copies of negotiations with Mexican Govt for furnishing insulators for Mexican radio stations.

911

FOREIGN SHIPS AND STATIONS 861

Number.	Date.	From or To—	Subject.	
174613	12/15	Canal Zone	Cartagena Station, Columbia; equipment; telephones; fws description To Supt Rad Ser-- fws. 12/26	
178822	1-23	Nav Intel	German Navy Battle stations; fws description. W To Fleets & Rad Ser-- fws copy of. 2/18	
187526	4-13	Asiatic Fleet	Battle radio station; German ships better located than US; aeriels equal to German. W	
190510	5-16	Asiatic Flt	Confidential report on Japanese radio Navy shore and ships stations. W To--Ack receipt of. 6/15 Fwd Dept--Recommend Lt. T. A. M. Craven be commended for report. 6/17 RB 6/22-- Commendatory letter written to Asiatic Flt and copy placed with officer's record 6/22	
203836	10/28	Austin, Dr. L. W.	German radio stations, Nauen and Eilvese; quantitative measurements of signals	903
205062	11/6	Operations	Radio station, San Domingo; copy of instructions to senior officer present to detail Navy personnel to operate	493
204981	10/26	Pac Flt	Report of radio communication West Coast Mexico and Central America	494

1913

Number.	Date.	From or To	Subject.	
100158	6/5	American Emb. London	British Paulson Co. have sent engineer to make test. will remove apparatus from US after tests are completed.	903
✓ 101230	6-30	Marconi Co.	Wds report of the British committee on radio stating that marconi systems only one suitable for Great Britains chain of wireless where efficiency of work over distance of 2000 miles is required/ W	
✓ 105566	9-1	DENVER	Reports on radio condition around Corinto, Nla. and on proposed establishment of station by that Government at Managua W. Ref. Supt. 9-16 MB 2-1	
✓ 111700	12-1 12-2	State Dept Dept 12479-198	Wds reports from Consula on radio stations in South America W Wd Supt Radio. 12/3	
✓ 112308	12-8	Austin, Dr. L.W.	Newen station; Arlington was furnished with sending schedule but has been unable to detect signals. W	
1914				
114398	1/7	Nav. Intel	Honolulu radio station, proposed, asks power, range, etc. for Naval Attache Paris in connection with French station at Tahiti.	815
115760	1/22	Galletti	Wds. gives wave length, etc. for test with AM station.	903

FOREIGN SHIPS & STATIONS: 881

Number.	Date.	From or To--	Subject.	
✓ 116325	1-24 1-29	State Dept Dept	Japanese Government has appropriated \$200,000 to improve communication, radio, between Japan and Hawaii. W Fwd Nav. Intel via Supt. Radio. 1/31.	
119335	3-6	Arlington	Radio station of Universal Radio Syndicate at New Castle New Brunswick. Fwds print. W	
120237	6/16 8/25	State Dept Dept.	Fwds letter from British Embassy reporting visit of Lt. Comdr. Hepburn to station New-castle.	632
✓ 139435	11-12	Austin, Dr. L.W.	Reports on European stations, apparatus used in movies in connection with his trip abroad. W PO Office supplies data England 7-34	
140963	10/19	Dept.	Fwds amendment to radio telegraph regulations as issued by Canadian Government. W	914
✓ 149702	3/2 3/15	State Dept Dept	Guatemalan Radio Station; reqt authority to carry on acceptance test with a U. S. station at Colon. W Fwd Dept--Recommendations. 3/17 RB appd 3/19 Fwd Dept-- 4/24 BB 4/27 Fwd Dept-- Noted. 5/22	
153109	4-22	Dept State	Guatemalan Radio Sta; Reqt Navy inspect radio apparatus purchased in this country at works of manufacturer. W Fwd Dept-- 4/24 To-- (Secy's sig) Dept will make arrangements for test or. 4/24	

FOREIGN SHIPS & STATIONS

1912

4 ✓

Number.	Date.	From or To—	Subject.	
93517	3/13	Dept. of State	British Govt. requests co-operation of U.S. in carrying out radio tests across the Atlantic.	903
93606	3/28	To ARLINGTON via Supt.	Desires permission be granted Mr. T.R. Lankester rep. of Goldschmidt high frequency system of radio-telegraph, to carry out tests at ARLINGTON in receiving signals from station, Hanover, Germany, Mar. 30-31st.	903
97086	5/12	To Dept.	Radio tests in co-operation with British Govt. calls attention to correspondence had in February. Bu. has received no further information as to any arrangements.	903
97414	5-15	Marconi Co.	Fwds report of Committee Eng. House Commons on Long Distance Wireless Telegraphy. W To—Ack. receipt. 5/16	
98036	5/30	Count Arco	Personal letter to Dr. Austin relative to test between Naumen, and ARLINGTON, gives results of recent tests by GERMAN GOVT. and commercial firms.	903
94928	4/15	Austin, Dr.	Summary of test on arc & Spark apparatus between ARLINGTON & SALEM. To Dept. fws copy recommends be furnished to British Govt. but that no further publication of same be made 4/15.	841

1913

FOREIGN SHIPS & STATIONS. 881

Number.	Date.	From or To—	Subject.
✓ 98202	5-21 5-26	At. Flt 923 Dept	States Atlantic Communication Co. Station at Sayville, L.I. can and probably does intercept all of fleets official messages including those in code; thinks probably that German Navy is stationing officers at station to get intouch with method of signalling, code, maneuvering of fleet, etc. Recommends officer be detailed to act as censor for station or the Germany allow US to erect similar station in Germany. C Fwd Supt. Radio. comment. 6/2. R.B. 10 10 Fwd Supt. Radio. comments. 10/13
98363	5/20	State Dept	Test with GREAT BRITAIN, have communicated with Britis embassy re definite arrangement 903
98386	5/22	Federal Tel Co.	Gives reasons for objecting to test of Paulsen apparatus at ARLINGTON, for BRITISH Govt. 903
98597	5/27 5/2	M.ia. Marconi Co.	Fwds Letter from Mr. Bellini relative to recent tests of Bellini Tosi direction finder by Italian Govt. 898
98839	6-5	Nav Intel	Fwds report on personal engaged in radio work French and German Navies. W
✓ 99412	6-13	Nav. Intel	Gives number of officers and civilians British by for radio work. W
99341	5/24	Nav. Att. Paris	Fwds report on French officers recently in American in connection with prel. experiments between Paris and ARLINGTON. to determine difference in longitude. 903

FOREIGN SHIPS & STATIONS.

1912

Number.	Date.	From or To--	Subject.
68222	5-7	Nav. Intel	At Caltana, Italy is property of Marconi Co and not government, turned over for war only. W
70370	6-4	Nav. Intel	Fwds list of ship of Uruguayan navy equipped with wireless. W
71633	6-4	State Dept	Reports establishment of station at Mazatlan, Mexico. by Government. W To M. is gives information. 6/20. Fwd Dept. 6/20.
72046	6-22 6-24	State Dept Dept	Reports building radio station Cartagena, Columbian Govt. W Ret Dept. 6/27.
72984	7-9	Nav. Intel	Report stations being erected for Chile.
73174	7-11	Nav. Intel	Reports establishment of high powered stations near Rome. W
74125	7/18 7/20	State Dept. Dept.	EIFFEL TOWER: Relative to co-operation of scientific bodies in the United States with the view of improving service and radio telegraphic station on. W Ret Dept. reqt date when decided upon. 7/29.
76167	7	None	Copy of agreement between Post Office Dept., Great Britain and Marconi for establishing a chain of Imperial wireless stations. Also copy of specifications to cover these stations. W

FOREIGN SHIPS & STATIONS. 881

Number.	Date.	From or To—	Subject.	
✓ 76909	8/28	Navgn	Have instructed Naval Attache, Paris, to secure such data as is available on the Eiffel tower station.	
✓ 79686	10-7	Austin, Dr. L.W.	Reports on tour of inspection of radio stations in Europe and results of conferences with radio experts abroad. W	
79382	10/4	To Naval Intelligence	Reqt copy of regulation of ARGENTINE REP. on completion of internal combustion motors	639
79728	10-1 10-5	State Dept Dept	Fwds information re contract signed by Norway with Marconi Co.W. Ret Dept. 10/10.	
85451	12/10	Dept	Fwds letter from FRENCH engng firm re test of radio directed torpedoes.	876
84420	11/29	State Dept	Fwds report from CONSUL GENERAL PARIS on BELLINI-Tosi direction finder.	898
			1913	
90105	1/31	DOMINICAN Republic.	Desire to open radio station and reqt data re handling messages.	891
91297	2/24	State Dept.	Trans-Atlantic test, British Govt. reqt co-operation	903
92016	7	No. Source	Notes and sketches of RADIO AERIAL on German Bs. TBDS.	876

FOREIGN SHIPS AND STATIONS.

Number.	Date.	From or To—	Subject.
54844	11/28	Nav. Intel.	Reports status of W.T. Stations by Chilean Govt. W
55489	11/7 12/8	Asiatic Flt. Dept.	Wireless installation; states all foreign ships on Chinese station are equipped with apparatus so much superior to American ships in power and range that Fleet is placed in extremely humiliating position. Chf Ref Dept. Gives status of orders for modern sets. 1/4.
57030	12/23	Nav. Intel.	Fwds data on Brazilian wireless station. W
			1912
57614	1/2	Nav. Intel	Fwds data on establishments of stations by Italy. W
57613	1/3	Nav. Intel.	SPAIN, states French, will be fitted with
58728	1/16	Nav. Intel	Fwds translation of article in Salomblott on new 200 meter station erected at Nauen, Germany, by Telefunken Co. W
59092	1/18	Nav. Intel	Fwds copies of French magazine containing articles on Eiffel tower installation. W
61772	2/12	Colon	Fwds data on proposed Station to be erected in Republic of PANAMA in connection with interference with new high powered station 808
63705	3-12 3-15	State Dept Dept	Have reqt. permission for Dr. Austin to visit Italian and French W Ref Dept. 3/16.

FOREIGN SHIPS AND STATIONS. 881

Number.	Date.	From or To—	Subject.	
✓ 63751	3/15	To Marconi W.T.Co.	Requests that Dr. AUSTIN be permitted to examine radio apparatus of S.S. "Canopic" and that assistance be given him in obtaining authority to visit foreign radio stations. W	
63928	3/12	State Dept	MESSAGES: exchanged between US & Morocco. payment will be adjusted thru Navy Dept.	892
64574	3-21 3-25	State Dept Dept	Have requested permission for Rear Admiral V.J. Edwards and Lt. Comdr. Todd to visit Eiffel Tower wireless sta. W Nat Dept. Noted. 3/26.	
66147	4-11	Nav Intel	States Telefunken tower at Lauen has been blown down; information received in reply to reqt. for permission for Bu. rep. to visit. W	
67118	4/23	Dept	Dept. of State fwds copy of despatch from American Minister at Panama re erection of radio stations in Panama.	808
67342	4-25	Nav. Intel	Gds permission for Navy Rep. to examine Station at Lauen. W	
J 67725	4-25	Marconi W.T.Co	Fwds copies of letters to English Rep. extending courtesies to Navy representatives and permission to visit their stations. W To --- Ack. 5/3.	

Foreign Ships and Stations.

FILE No.	From or To— (Dated)	Subject	
28649	To Dept.	Wash'n. Long Distance Sta. re requests France authorize E.C. Gallotti to carry on tests from French station. 1/13	841
32661 2/28	Nav.Intel	Reports establishment of Austrian W.T. Station on Adriatic coast. W	
✓ 33088 3/6	Nav.Intel	Wireless station at Cherbourg, France. Fwds report on from LOUISIANA. W	
✓ 44137 7/21	TO Nav.Intel.	Rept. data on station erected on Eiffel Tower, Paris. W	
44705 7/27	Nav.Intel. 11318	Give information re wireless station at Eiffel Tower, Paris. W	
49445 9/25	Nav.Intel	Reports on in Argentine Navy. W	
✓ 52079 10/27	Nav.Intel	Fwds report on new Russian stations. W	
52614 11/6	Nav.Intel	Reports establishment of Marconi high powered station at Coltano, Italy under Navy. W	
53287 11/11	Nav.Intel. 11318	Eiffel Tower W.T. Station: forwards report from Naval Attache, Paris. describing it	



GENERATING SETS

1922

Number.	Date.	From or To—	Subject.	
✓ 654894	12/23	Re Fleets- Comdts- S&A	Allowance of storage and dry batteries radio purposes W	for
✓ 655408	12/29	Aviation	Re sts bureau supply replacement batteries to replace those surveyed W	
✓ 654394	1/20	To "Orf	Battleships- Allowance- --ds allow- W	
497769	FWD FROM CARD 67		Brook. Supply depot. Letter replied April 12. W	

[illegible]

Number.	Date.	From or To--	Subject.
653488	11/28 12/8	San Diego Destroyer Base Pac Destroyer.	Report covering transfer of storage batteries to FARENHOLT MCDEWITT W
654080	12/18	Wash CANCELED	Report on test sample of carbon electrodes W
653634	12/20	To Wireless Specialty Apparatus Co	Reqsts comments on the feasibility of standardizing the mounting dimensions for large size transmitting condenser. W Reqsts comments 12/21 Wireless Specialty Apparatus Co 12/22 Electrical specifications for condensers. W To Wireless Spec. App. Co. - Gives inform rel condensers 12/29

GENERATING SETS

1922

Number.	Date.	From or To—	Subject.	
518197	12/21	S&A	Rel to diversion of delivery of 150 batteries on contract with Burgess Batty. Co.	918
654701	11/20	16th District	Requests authy to draw two vacuum tubes storage batteries from store for use in District radio material office R To Cavite - withdrawal from store authd 1/4/23	
654734	12/20	16th District	Recommends B Batteries be furnished for all receivers on Asiatic station W	

Number.	Date.	From or To—	Subject.
652259	12/4	Edison Storage Battery	2 volt Edison Batteries will be shipped to radio test shop for test W
652794	12/19	Norfolk	Subm report on radio B batteries which will be required. 12/19 W Boston 12/18 W Pug Snd 12/23 T No radio B batteries in stock W Phila 12/25 W
652341	12/4	Norfolk	For copy of instruction on care of lead acid storage batteries be furnished W To Norfolk Fwd pamphlet 12/8
652959	12/5	Pug Snd	Fwd change in material sheets covering Edison batteries W To Edison Storage Battery Co- will authorize test 12/13 To S&A- Give instrns 12/13 To Comdt Pug Snd- Inform furn 12/15 W cc S&A To Pug Snd- Fwd corres. 1/20/23

1922

Number.	Date.	From or To—	Subject.
652450	12/9	To O-I-C Breck	Excess stock report- reqsts for inform in conn. with batteries enumerated on- reqsts condition name plate data W Nav Supply Depot 12/14 W
653206	12/11	Norfolk	Reqsts copy of lead acid battery log sheets to be used at radio station in both District W
635977	from card 87		To Natl Carbon Co- Gives action taken rel batteries 12/12 W To Washn - Gives inform rel battery 12/12

GENERATING SETS

1922

Number.	Date.	From or To--	Subject.	
638089	from card	88	Fwds S&A- explanation of wireless Spec. App. Co. Concerning publication of confidential government data W 10/18	
646398	10/4 10/18	At1 Flt Cos At1 Flt Lt	States charging of Radio batteries through elec heaters very unsatisfactory W	493
647362	11/2	To CO 3-50 161-0-6	Type CD 177-- condenser- failure of- W	

Number.	Date.	From or To—	Subject.
648968	11/9	Phila	Special report on super range valve air condenser. W
650067	11/22	To MI- rug Snd P H	Batteries- Status of W M.I. 12/11/22 Pearl Har. 12/18 10 Edison batteries in stock W
650826	11/17	Dubilier Co	Will sail for Europe Dec. 2, in connection with condenser work. Ask if can be of any aid to bureau W To W Dubilier- Regats Inform 11/25
650657	11/23	To Burgess Battery Co	Manufacture of two sizes - Regats sample of battery be submitted for test W Burgess Batt Co.- reads bulletin describing B batteries. 11/27 W
651472	11/27	European Forces (T)	Request shipment of gaskets for Dubilier Condensers W

Number	Date	From or To	Subject	
642512	9/28	To S&A 1154	Reqt shipment of batteries from Washn to SO Hamp Rds W RB 10/13.	
643793	9/26	Destroy Sqd. Pacif. Fleet	Request disposition of Edison Stg batteries from decommissioned destroyers. W	882-3
643278	10/4	To S&A	batteries Title of- gives instrns rel removal of survey of storage radio "B" batteries W S&A circa 10/6 CO Tennessee 11/8 Fwls survey covering batteries. To S&A Reqt shipment of batteries from pug Snd to CO 1536 11/29 RB 4/16 W	
644368	9/29 10/6	R. W. Geare Y&D	Ask if can purchase four 5 kW gasoline driven generators. W. To O-I-C Hamp Rds- Gives action taken 11/11 Fwds S&A 11/11 To S&A 12/5 RB 12/9 L	
636701	8/29	To Cmdr. Des. Sqd. Atl- conf. lts.	destroyers not equipt with Edison radii storage "B" batteries W.	898

GENERATING SETS

1922

Number.	Date.	From or To--	Subject.
609954	from card 79		To Dir intelligence purchase of selenium cells- reqs to inform W 10/7
64			
645400	10/11	C. Asn.	Ask if necessary to apply to S&A for authority to survey or replace batteries at radio station. To Chasn- neccy to apply to Bu S&A for authority to transfer survey or replace storage "B" batteries cc S&A W 10/19

GENERATING SETS

1922

Number.	Date.	From or To—	Subject.
636722	8/8	S&A	Copy of letter to Washington authorizing ship dry batteries to Mare Island. W
		CANCELLED.	
636824	8/8	Washington	Suggested specification for battery charging equipt for coastal stations. W.
636836	8/4	S&A	Copy of letter to Ham Rds. rel to shipping of batteries to Pug Sd. WR
637560	8/10 8/11	Atl. Destroy Sqd. Atl. Fleet	Request allowance of filament A batteries for each destroyer be increased from 2 to 3 W To Atl. Fleet. Recondn appr'd cc Atl. Fleet 8/23 To S&A request shipment of batteries from Phila to CC 919 8/28 as 1/25/23 W To S&A- request cc of Mfg. request 11/3 S&A 11/21 Fwdg manfg request W
638089 B	8/15	Wireless Spec. Appr. Co.	Subm inform rel to publication of bulletin 100 alleged to contain important and confidential info cov circuit condenser and switching system. W. Wireless Spec. Appr. Co. 8/30 W. Wds S&A 1/6 To Wireless Spec. App. Co- neevy to recommend removal of company from bidding list 1/6 Wireless Spec. Appr. Co. 10/9 publish confidential information will not

Card 89

GENERATING SETS

1922

Number.	Date.	From or To—	Subject.
637955	8/18	To NY (T)	Recommended purchase 25 condensers type Cd 1827 for Model AD are sets W
639669	8/29	Edison Storage Batt. Co.	Are in position to furnish 50 volt B batteries on a quantity production basis W.
638912	8/29	To Comdt Washington	Test of Round Cell Refillable Storage Battery W Wash 12/1 Report on test of round cell refillable storage battery W To Washn- Requests batteries be given test 12/20 To Magna Storage battery Corp- has completed test of cell re-fillable batteries- quotes from report of test W
640136	9/1	Dubilier Condenser & Radio Corp	Wash samples of new Dubilier products. test of grid leaks- submits report 11/9 W

Number.	Date.	From or To—	Subject.
631902	7/12	To Washn	Fwds: Wireless Spec Apparatus Co quotations on condensers. W RB 7/24/22. W
632655	7/10	Atl-Fleet	Subm status report on A-D batteries. W. Atl-Fleet- rwd status report. 8/4 W.
632817	7/14	Elec. Storage Batt. Co.	Request opportunity to submit oxide radio & battery for test. W. To Washn- Gives action taken 1/13/23
633028	7/8	C. F. Rudolph	Variable condenser, fws prints. W Fws Cond. was n 7/18 W
633375	7/17	Multiple Batt. Corp	Fws folder describing Co's new battery. W To Multiple Storage Battery Corp- auths Test on Washn 7/22 To Washn autld 7/22 Multiple Storage Batt. Corp Will ship battery within next few days. 8/4 W

GENERAL INC SETS

1922

Number.	Date.	From or To—	Subject.
634356	7/22	Bureau Standards	Fwds dry cell battery specifications. W ~~607 - 1~~
635977	8/1	Natl. Carbon Co. card 91	Are fwding new type of desiccated batteries for test. W To Natl Carbon Co. rel test of batteries 8/8 To Comdt Washn. Navy test 8/15 W Phil. Fwds change of material sheets. 8/2 W Phil. 8/18 W
636338	7/19 7/29	CO TENNESSEE Pacif. Fleet	Subm report on status of A & B Batteries. W
636229	8/2 8/4	Atl Battleship force Atl Fleet	Nomenclature of Navy waves and calibration of condensers on. Receivers and transmitters recommendations W

GENERATING SETS

1922

Number.	Date.	From or To—	Subject.
630458	6/28	Atl. Fleet	Status of A&D batteries. W&L
630455	7/1	To Phila	Ends change of material sheet in Radio Tele. graph batteries. W Phila. 7/6 : W
629661	FROM CARD 78		N.Y. 7/6- W

GENERATING SETS

1922

Number.	Date.	From or To—	Subject.
632009	6/2 7/5	CO MISSISSIPPI Pacif. Fleet	Fwds data regarding A & B batteries on board W.
632061	7/10	Washington	Estimate cov special tools required to manufg variable air condenset, moulds punches and devices. W.
632086	7/5 7/10	Washington Dept	Fwds beneficial suggestion submitted by E. E. Reppert, draftsman and E. L. Powell, laboratorian, radio test shop, cov concentric control variable condenser W. MS 333 (copy) 7/17 HB 7/19/22, W E. L. Powell Invoice cov payment for beneficial sug. estion. W.
608852	FAD FROM CARD 78		To W. W. Ellis via Wash- Fwds license. 7/12 W

1922

Number.	Date.	From or To—	Subject.
617997	FROM CARD 82		Recd Destry 5/30 W. 100 batteries put aboard WILLISBURY 6/9 W.
626709	6/7	To The Twin Dry Cell Battery Co	Ack receipt of Two Klearstone B batteries Request success W Twin Dry Cell Battery Co 5/10 Quotation W Twin Dry Cell Batt. Co. - Request report on test. 7/18 W Twin Dry Cell Batt. Co. Request report on test of batteries. 9/21 W. Twin Dry Cell Battery Co. asks status of test. 11/7 W. Re -- request comments of bu be not used for advertising purposes 12/9
597104	FROM CARD 75		Wash 5/9 Report on test of mica condensers submitted by Wireless Specialty Apparatus Co W To Wireless Spec. Appr. Co. - Pds Report of test. 6/19 Wireless Spec. Appr. Co. Acknowledges report. 6/23 W Wireless Spec. Appr. Co. Asks if can give copy of report of Radio Corp. 6/28 W To Wireless Spec App. Co. - gives informal plan 10/5 Wireless Spec. Appr. Co. Acknowledges receipt 10/6 W

Number.	Date.	From or To—	Subject.
628546	6/21	To S&A 542	Request shipment of batteries from P H to SC Cavite W L RB 1/23/23 W
629076	6/22	To S&A	548 Request shipment of Batteries from MI to SC 16 Dist W L RB 9/30 W
630090	6/27	Dubilier Condenser/Radio Corp	Mr. A. Eaton has been appointed London representative To Dub Cond R Co- Ack letter 7/12 W.
620877	FROM CARD 83		Heavy Sub Lt. Brook. 100 -6 volt batteries on hand 6/27 Brook S. Lt. - Gives number of batteries To Brook- Requests inform del batteries 2/9/23

GENERATING SETS

BATTERIES

1922

Number.	Date.	From or To—	Subject.
625209	5/23	Atl. Destry	Fwds reports on batteries recd from various vessels. W.
624838	5/25	To Dubilier Cond Co	Fwds plans W
625411	5/27	To Washn	Design Prob No 51 Specens for radio batteries-- Test of W Washington Report cov test of Ever-ready vacuum tube plate batteries. 9/7 W
625924	5/25	Natl. Carbon Co.	5 Ever-ready batteries fwded for test purposes. W.
626035	5/31	Washn.	Fwds report of test of westinghouse 22-volt storage battery. W. To Westinghouse Co. Fwds cc report 6/14 Westinghouse Union Battery Co 6/15 Fwds prints with recommendations W Fwds Washn 6/23 RB 7/11 W.

GENERATING SETS BATTERIES

192

Number.	Date.	From or To—	Subject.	
625872-				
625413	6/1	To Washington	Design Problem No 200-C Vernier variable condenser control Fwds prints W	
626265	6/1	Washn.	Drawings and memo concerning new scheme of condenser adjustment turned over to radio officer by S. L. Lowell, radio Laboratories, about 8/15/21. W. To S&A - Fwds invoices 5/11	
611174	6/2	Newport Training Sta	Gives correct report cov disposition of radio batteries. W.	494
626718	6/3	Destroy. Sqd - 9	Fwds form showing status of batteries for vessels of Squadrons. W.	

Number.	Date.	From or To—	Subject.
601954	FROM CARD 62		Great Lakes 4/14 W.
618487	4/19	To Fleets-Atlantic-Pacific-	Status of "A" and "B" batteries aboard Battleships and Destroyers in commission- Requested W Atl. Destroy- 5/1 W. Destroy Sqd. 3- Rwd's reports. 5/8 LW. Atl. Destroy- 5/9 Sqd. 2- Rwd's reports. 5/12 W. Atl. Battleship Force 5/9 Battery report W Atl. Fleet- Copy of letter to Trains and control force fwding forms. 5/15 W
OVER			
620877	4/29	To O-I-C Brook	Edison Radio Storage Batteries in Store Reservation of cc SAA- NY WRB 5/26 W. Navy Sup Depot- Copy action to N.Y. 5/11 W To So Brook- Batteries avail 6/3 W cc NY To McA Rpts shipment of batteries from NY to So Brook 4/14 6/2 W To NY- Requests inform 6/1
TO CARD 65			
620878	4/29	To Phila	Edison Radio Storage batteries; Reservation of cc SAA W

GENERATING SETS BATTERIES

1922

Number.	Date.	From or To—	Subject.
623905	5/18	To Phila	Batteries removed from destroyers at Phila W Phila- 40% of batteries are fit for use. 6/1 W To S&A— batteries removed from destroyers at Phila cc Washn 6/8
618487	FROM OVER		Atl. Fleet- Fwds report from Battle Ship Div. 6. 5/15 W CO MARYLAND 5/4 W Destry 5/14 Fwds reports. 5/30 W Pacif. Destry 5/29 W 6/20 W. letter to Fleet commencing on report Pacif. Fleet- Subm report. 6/20 W Pacif. Fleet- Fwds report from Pacif. Battleship Force. 7/15 W Pacif. Fleet- Submits status report. 8/18 W
624455	5/18	Wireless Spec. Appr. Co.	Fwds variable condenser and mica condenser. W. To Wireless Spec Appr Co- comments 5/29

BATTERIES

1922

Number.	Date.	From or To—	Subject.
✓ 615011	3/29	MI (2)	Request immediate shipment of transmitting condensers as spares for cutting and Washington submarine sets. 7.
615097	2/28	Testing House Union Batt. Co.	Remo invoice re two cells. 7.
✓ 615577	3/28	To Pug Snd (T)	Ask to wire type number antenna series c- condensers sheet- Radio report Oct 1/21 W 24.3d- (2) 58 on land. 2/30 7.
615926	3/30	To Inspr Mat GE	High Voltage Paper Condensers for use in High Power Vacuum Tube Circuits- Request Inform W Inspr G.E. 4/10 Fwds copies of corres & catalogs W Fwds NY 4/17 BB 5/3 Fwds Washn 5/5 BB 5/16 W W. N.Y. 5/9 W.
600034	3/27	Burn Boston Batt. Co.	Have ordered parts to send rounds to for testing. 7

876

GENERATING SETS BATTERIES

1922

Number.	Date.	From or To—	Subject.
616011	4/3	To MI (T)	No condensers available- If for use S Sub coming Atlantic cannot be purchased in time W
617595	4/7	Phila. Stg. Batty Co.	Request inform rel to radio batteries in con. with decommissioning lead acid storage batt ry To Phila Stg Batt CO-Specs not prepared for lead acid batteries-4/13 W
617997	4/13	To Pacific Fleet	Radio storage batteries to be removed from vessels to be decommissioned -Regst number of Edison batteries W To Phila- Regst number of batteries 4/13 To Pacific Fleet Radio Storage Batteries to be removed from vessels to be decommissioned W 4/13 To Phila Regst number of Edison batteries 4/13 Phil. Stg. Batty Co. Batteries aboard various vessels being decommissioned. 4/27 W. Subm inform rel to prolonging life of dry cells stored on shells at low tempera- ture- 4/13 627-1 To Union Carbide and Carbon Research Lab- Gives Action 4/17
TO CARD 85			
618447	4/13	Union Carbide & Carbon Resch. Labr.	

77-11111 11111 11111

1922

Number.	Date.	From or To--	Subject.
614195	3/16	Burn Boston Batt. "Es. ~~burn Boston Batt.~~	Request auth to submit samples of batteries for test. To-- Gives Inform 3/28
614058	3/18	To S&A 9906 9904	Reqst shipment of batteries from Phila to SO PH W RB 9/11 W To S&A Reqst shipment of batteries from Phila to SO Tutuila 3/18 RB 9/18 W. To S&A Reqst shipment of batteries from Phila to SO Cavite 9907 3/18 RB 12/26 W To S&A Reqst shipment of batteries from Phila to SO Guam 9906 3/18 To S&A Reqst shipment of batteries from Phila to SO Pug Snd 9903 3/18 S&A - Cpy action to Hqs. 5/24 W. To PH - Fwds cc let rel shipment 3/25 To M. Batteries shipped from Phila 4/4 W Fwd S&A - Cpy action to Hqs. 5/9 W 14th Dst - Cpy action to S&A 5/9 W To PH - rel shipment of batteries cc Tutuila - Guam - Cavite 6/13 To Washn via S&A - gives action cc Washn 5/11 W To DeForest Radio Tel Co - Fwds comments on plans furnished for manufacture of W DeForest Co. - Can not understand how condensers in these Government des. 3/24 W Fwd Washington 4/30 To DeForest Radio Telephone and Telegraph Co. - Reqst comments 4/26 DeForest Co. Method of moulding fixed condensers is original with Co. 5/3 W Fwds Baton 5/6 RB 6/12 W
614065	3/21	To De Forest Radio Tel	

GENERATING SETS BATTERIES

1922

Number.	Date.	From or To—	Subject.
611783	3/20	Atl. Destroy	Request auth to transfer auxiliary storage batteries from ships going out of commission to vessels remaining in commission. To Comdr. Des Squad Atlantic Fleet [T] transfer of batteries disappvd 3/25
~~615017~~	~~3/20~~	~~Atl. Destroy~~	
615086	3/3 3/12	Coco Solo 15th Dist.	Request disposition of DC motor generator on ship live and late data.
615122	3/23	Adm.	Subm report on test of 4 cell Edison storage battery.
615123	3/23	Wash.	Subm statement cov cost of manufg of 100 type SE 1762 compensating condensers.
611174	3/17	SEA Hiro	Only 6 months stock of dry cell batteries should be kept—request report on number of batteries in stock and list of vessels and all stations to which issues are made.

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Number.	Date.	From or To--	Subject.	
54958	2/20	To Inspr NY	Ward Leonard type circuit breaker not acceptable under contract - not suitable for use at sea due to unsatisfactory shock test.	629 ts. 11-5
611301	2/16 2/25	Sta. Co. S&A	Tells attn to Elec battery switch Co. has developed - request specifications.	
602407	2/25	S&A	Fwds let er from M.I. advising batteries are required by Cavite for shore stations.	607
611895	3/1	LI (T)	request info regarding shipment of standard condensers. To LI (T) awaiting govt transportation Hans - 3/2	

GENERATING SETS BATTERIES

1932

Number.	Date.	From or To—	Subject.
612503	3/3	L. C. Jacent	Fwds copy of catalog showing condenser DeForest Co. are manufacturing, similar to one designed by Mr. Ellis- tel to enter- ing agreement with Ellis for manufg of.
✓ 613296	2/9 3/11	Pearl Harbor 384	Request monthly shipment of 75 type SE 3535 batteries be made. W. To P H Regt Inform rel batteries cc MI 3/24 W- Fwds report from 14th Dist. 4/21 W. To SEA Regt shipment of batteries from Manila to SO P H 196 5/4 RB 1/27 W
613681	3/7 3/14	Atl. Fleet Dept	Recommend additional storage batteries on destroyers be turned into battery service stations at yards for care and preservation. Fwd Opers 3/18
✓ 613730	3/10	C. L. Sn.	Request inform and descriptive pamphlet cov CU 1707 audion battery. W. To Chas. Fwds cc of description and over- sitting instructions for Edison Storage batteries 5/12 W

Number.	Date.	From or To—	Subject.
✓ 609124	2/2 2/4	Subm Div. 8 Atl. Sub.	Re Subm's allowance list be changed so that Subma lines will be allowed two audion B batteries. 7.
✓ 609622	2/8	Westinghouse Union Batt. Co.	Request appointment re: test of radio batteries. 7.
✓ Washn 35	May 22 2/14	To S&A	Emergency "B" batteries, dry cell- Fvas recom approved WA
✓ 609833	7/15	To S&A 9710	Request shipment of batteries from Washn to S&A Re 6/9/22. W

GENERATING SETS BATTERIES

1922

Number.	Date.	From or To—	Subject.	
603314	2/13	Washn.	Report of test cov 3d samples of Holmes semi-dry storage batteries. W.	898
609954	2/18	To Dir Nav Intelligence	Asks if Professor Thuringer can turn Su with 52 selenium cells W RE 4/20 W. Naval Intelligence- Information not yet secured. 6/29 W. Naval Intelligence- 8/17 suds pamphlets and translation rel to use of selenium cells to Prof. H. Thuringer. 8/17 W. To Dir of Naval Intelligence- comments 9/16 Naval Intelligence- 10/2 W N.Y.- suds copy of preliminary specs for radio batteries. 3/20 W Preliminary specifications have been revised. 3/15 W	
603754	FROM CARD 77			

Number.	Date.	From or To -	Subject.
533615	FROM CARD	69	Anacostia 1/20 W
606030	1/23	MI (T)	Cavite request storage batteries for radio set on BROOME. Not in stock- request Bureau furnish direct. 7/28 not n d rsthod. MI- 3/29 Bureau Telegram 2/28 not n d rsthod. To MI (T) Disapproved 2/28 To MI (T) three storage batteries for BROOME 3/30
606970	1/27	Washn.	Request auth to manuf and place in stock by-pass condensers for radio receivers. Washn 2/9 7.

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GENERATING SETS BATTERIES

1922

Number.	Date.	From or To--	Subject.
✓ 607719	2/2	Washington	Report of inspection of sample shunt condenser submitted by Wireless Spec. Appr. Co. W.
~~608511~~			
608663	2/7	Worff.	Ask if satisf to issue audion batteries held for shipping board to fill current orders- shortage to be made up from future supply. To W. J. Ellis - dated issue of 2/11
608852	2/8	Washn.	Fwds request of W. J. Ellis for patent on condenser mould and method of manfg variable condenser. To W. J. Ellis via Washn Fwds Specens 4/19
TO CARD 86	Wash 6/19	Fwds license from W. J. Ellis	To S&A Regts check be fwdd to comm of patents 5/4 To comm of patents Fwds application papers with plans for letters patent of W. J. Ellis 5/4 To W. J. Ellis - Fwds cc license 5/20 To Sec of Navy - Fwds copies of license 5/24 U. S. Pat. Office - Fwds "B" battery spec. for U. S. Pat. Office 5/24 U. S. Pat. Office - Fwds "B" battery spec. for U. S. Pat. Office 5/24 U. S. Pat. Office - Fwds "B" battery spec. for U. S. Pat. Office 5/24
608863	2/5	To Sec of State	U. S. Pat. Office - Fwds "B" battery spec. for U. S. Pat. Office 5/24 U. S. Pat. Office - Fwds "B" battery spec. for U. S. Pat. Office 5/24 U. S. Pat. Office - Fwds "B" battery spec. for U. S. Pat. Office 5/24

ELECTRIC SUPPLY PATENTS

1921

Number.	Date.	From or To -	Subject.
60195	12/28	To S&A 9412	Request script of material from 9 Dist to SC Boston W
CARD 83		To S&A-recommends sell-2;25-1-R To 9th Dis-3;1-L	To S&A Request script of batteries from 9 Dist to Pulla 12/31 To 9 Dist- Gives Instrns 1/5/22 S&A Returns ship order cov sta batteries- sent 1/10/22 - 35 2/27 L Fwd 9 Dist 1/10/22 - 35 2/27 L
602320	12/28	Westinghouse Union Batt. Co.	Calls attn to Co's L-2 type of battery- fwd print. W.
			1922
602634	12/31	Dept	Twis beneficial suggestions by W. G. 11 Radio Laboratory cov super range variable condenser. W. To Pulla- Gives Act'n 1/25 To 9 Dist 1/25 BB 2/2 W 1/25
602833	12/31	Lowenstein Co.	Glass condensers left at Bureau- gives maximum permissible voltage. W. Fwd Wash In ton 1/6/22
603239	1/4	15th Dist, (T)	Request immediate script of Dubilier condensers. W. To S&A Request script of Condensers from Boston to SC Pulla 1474 1/7/22 SEA 2/4 W.

GENERATING SETS BATTERIES

1922

Number.	Date.	From or To-	Subject.
602446	1/3	94-6 To S&A	Reqt shipment of material from "Hila TO SC 15 Dist W
602819	1/5	To S&A 9457	Reqt shipment of condensers from Boston to SC Washn W
603344	12/28	Westinghouse Union Batt. Co.	Edws sends radio B battery for test To -- will report at station test is completed 1/7/23 Westinghouse Union Batt. Co. Batteries shipped to Research Labr. 1/17 W Westinghouse Union Batt. Co. 3/2 W.
603754	1/9	Washn.	Preliminary specifications for radio batteries - Edws. 7. To Co. Cts. I - C-I-C Bu of Standards- Anacostia Edws. secens 1/30 Anacostia - Edws preliminary specification for radio batteries. 2/1 W Bur Stand - Edws preliminary specfns for radio battery. 2/16 W Stock of stg batteries - comments on status of to 10 Dist - Reqt Inform - 7/5 RB 4/11 WR
CARD 79			
605511	12/5	Cavite	

GENERATING SETS BATTERIES

1921

76

Number.	Date.	From or To—	Subject.
597097	11/25	To Ports	Reqst disposition made of equipment W Ports- 12/2 W.
597770	11/21	Dubilier Condenser	Blocking and back shunt condensers on Contract 54946- request instrns rel to test W.
598002	11/25 11/28	Dubilier Cond. Co. Washn.	Fwds drawings of blocking and back shunt condensers showing changes. W. Fwd Washington 12/5 Washn- Fwds drawings showing condensers. 1/6 W
598952	12/5	Crocker-Wheeler Co.	Request copy of report of test made on 1100 cycle motor generator set for sub-acquious oscillator signalling at Phila. W. no-- does not own user proper to fwd test report cc CC 12/8
599485	12/6	Boston	Reqst drawings of battery charging panel be furnished. W To Boston- Fwds print 1/10/22

GENERATING SETS BATTERIES

1921

Number.	Date.	From or To—	Subject.
✓ 599767	12/8	Natl. Carbon Co.	Have arranged with American Ever Ready Works to send sample batteries to yard for test. 12/17 To Washn- Gives inform. re: test data 12/17 Natl. Carbon Co. - Do not supply batteries. 12/29 W Washn- asks change specifications. 12/29 Natl. Carbon Co. - Ask if test completed. 2/11 W To - Gives action. Washn rel. letter 2/15
✓ 598774	12/10	To LI	Requests no further work be undertaken on problem listed; Gives instrns W
✓ 600391	12/21	To Washington	Request condensers to investigated as listed W Washn- recommends test of German special transmitting condensers be not conducted at radio test ship. 12/18 To Lowenstein Radio Co - Will not further test the condensers cc Washn 11/7 Lowenstein Co 11/8 W To Washn- gives instrns rel cond. 12/15 Request loan of air condensers. 12/15 To - no compressed air condensers could be loaned 12/29 Radio Corp. - Can carry out test. 12/30 W To SAA - Gives instrns 12/30 1921-74-50-
✓ 601806	12/19 12/22	Radio Corpn of America S&A	Batteries- rel requirement of W SAA- Gives letters from various yards submitting information rel to calling B batteries which will be required. 12/29 W
✓ 600845	12/28	To SAA	

Number.	Date.	From or To—	Subject.
593975	11/2	Washn.	Fyds copies of analysis of material used in preparation of electric light of Holmes battery. W.
594093	11/2	Washn.	Type 3E 3535 batteries -subm list of obligations against. W.
594149	11/3	Washn.	Subm list of condensers submitted by Wireless Special Appr Co. for test. W
✓ 594218	10/30	Victory Radio Co.	Fyds sample 30 volt stg battery for test. W To --- Recd data 11/8 To Washn Fyds too small capacity lead cell 11/8 To Washn Fyds re. on test of lead acid tube plate battery. 11/8 W To Victory Radio Co- Gives Action 4/21
593898	11/4	To Washn	Type CU 1707 Edison storage batteries- Gives inform W Washn. 11/8 W
594179	11/5	To Washington	Test of wireless specialty apparatus company condensers Gives inform rel W To Washn Fyds change in number 11/8 To Wireless Specialty App Co- not considered likely tests can be completed in time for Bu accep condensers Will be please to receive bid 11/9

GENERATING SETS BATTERIES

1921

Number.	Date.	From or To	Subject.
✓ 593905	11/8	To Wireless Spec App Co	Reqt inform rel manufacture of fixed condensers To Dubilier Condenser Co Ask if can manufacture fixed condensers 11/8 Dubilier Condenser Co. Quotation cov mica condensers 11/ W Wireless Spec App Co. Gives reading of condensers 11/24 W To Gives action 12/1
595293	11/12	To Washington	specimens for Radio Corp batteries - Test of Edison batteries near 5-volt battery Records are requested upon completion of tests W
595144	11/14	To S&A 9161	Reqt shipment of batteries from Washn to SO Brook W
595526	11/14	To S&A ?	Shipt order, RB 8/21/22. W.
✓ 596509	11/21	To S&A 9231	Reqt shipt of batteries from SO MI to SO Pu & Snd W RB 1/14 W
597104 TO RS 596933	11/21 11/28	Wireless Spec App Co To S&A 9241	Sample electrical condensers fwded to radio test shop, Washington, for test- cc Wireless Spec App Co - Will fwd 11/28 report of tests and comment 11/28 To Washington - Gives info on rel sample of condenser being fwded by Wires S & A Co 11/28 Reqt shmt of condensers from SO Washn to MI W Bur Stand Labr - Fwds certificates of calibration of variable air condensers 12/20 W fwd MI 1/28 MI 3/23 W To MI IS-shipment made Dec 30th-3:1-W S&A- Copy action to Ham. Rds. 5/3 W MI- 5/24- W Bu Standards Lab 6/8 W

GENERATING SETS BATTERIES

1921

Number.	Date.	From or To—	Subject.
585131	9/9	Washn.	Blocking condenser- fwds plans. W.
585788	9/21	New York	Request copies of instructions for care of storage batteries, he furnished WL To NY fwds instrns 9/29
588030	10/1	To Pug Snd	Storage batteries Status of W
588029	10/1	To MI	Storage batteries Request status of W MI- No batteries in stock. 10/13 W.
588409	10/3	Washn.	Fwds prints showing type CD 1778 condenser W
589054	10/5	N.Y.	Request instrns for care and operations of lead acid stg batteries be furn. WL To MI fwds ac of instrns 10/11
588636	10/7	To Washn	Request brief report of test of battery be prepared and four copies submitted to Bureau W
To Weller Co Fwds report covering test of battery 12/22 W			Washn- Test of Lyone storage battery -report on. 12/2 W
588638	10/7	To Washn	Request report of tests on sample battery be submitted W
To Callen Water Car Co Fwds copies report 10/25			Washn- Fwds special report cov Holmes semi-dry stg battery 10/17

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1921

Number.	Date.	From or To--	Subject.
589434	10/7	Washn.	Fwds prints showing variable condenser mould. W.
590118	10/5	Asano Nussan Co.	Request report on Debillier Condensers. W. To Asano Nussan Co. have been satisfactory. 10/17 W
590920	10/20	To Washn	Gives instrns re sample condensers cc Anacostia W
591544 Washn	10/22 10/28-W	To Washington	ASK inform as to number of batteries required to be reserved for battleship equipment W To SAA Request shipment of batteries from Washn to SO Brock 9047 10/22
591339	10/21	To SAA 9034	Request shipment of batteries from Washn to SO Phila. RB 5/28/22 W To SAA Request shipment of batteries from Washn to Phila 9160 11/14 SAA Co. y action to Washington. 6/3/22. W To SAA Request shipment of batteries from Washn To Phila 2585 4/11/23 Request shipment of batteries from Washn To SO NI W
591340	10/21	To SAA 9043	
591981	10/26	To SAA 9035	Request shipment of battery from Cheen to Phila W RB 5/28/22 W SAA 43. If shall modify shipt order. 12/8 W Fwd SAA 12/14

GENERATING SETS BATTERIES

1921

Number.	Date.	From or To—	Subject.
577665	7/26	Elec. Stg. Batt. Co.	Subm estimate cov placing stg batt ry in good condition.
✓ 579250	8/9	To Norf	Ask number of radio storage batteries in storage and available for issue. W Norf- No batteries available. 8/17 W.
✓ 580015	8/1	Insp'r - Brock.	Request estimate specific cov condensers To Insp'r Brooklyn- 8/22
573904	FROM CARD 72		Dubilier Cond Co. Mounting condenser on new type of clip increases efficiency. 8/15 W
581384	8/18	Pacent Elec Co.	Call attn to ability of co. for furnishing variable air condensers. W. To Pacent Elec Co Gives inform rel where inventor of cond can be reached 9/2

GENERATING SETS BATTERIES

1921

Number.	Date.	From or To—	Subject.	
581472	8/18	Western Elec. Co.	Offers shop worn condensers listed at a reduced price. To Western Elec Co Gives Action 9/2	
582368	8/23	Washn.	Recommends salvaging condensers broken down in service. W.	
582190	8-25	To S&A	Request shipment of batteries from Washington to M.I. W 8623 RB 9/30 W. Shipt order from Wash to M.I. 8/25 8622 RB 9/20 W	
583110	8/29	Washn. VOID error	Revs letter from telegraph Dept Bahamas, returning amplifier, out of order. W.	
583112	8/29	Dubilier Cond. Co.	Request latest specifications cov test of mica condensers. W. To Dubilier Cond Co. Fwas cc Specens 9/2	
583911	9/5	Callan Motor Car Co.	Semi-dry stg battery for radio work- WL 607-1 To Callan Motor Car Co Gives inform re test of battery 9/9 To Washn. Gives Action 9/9	
584472	9/2	Mace Isl.	Dry Batteries for radio use- request number on shipt for present needs. W. To MI- (T) Gives inform 9/12 W To MI (T) Gives inform 9/13	

GENERATING SETS BATTERIES

Number.	Date.	From or To -	Subject.
556857	4/15	To C Anacostia	Auths test of condensers at Cleveland- W Anacostia- Recomanus problem be considered To CC Anacostia (T) concurs with Recoman 3/27/22
557750	4/18	To S&A	Request shipment of condensers from Phila. to Pug 3rd 7041 W
560222	4/26	Dubilier Condenser Co	Ask if addtl test samples of mica condensers are required at radio test shop- will submit report on those already tested. W Fwd Washn 4/28 RB 5/6 To Dubilier Condenser Co 5-11
561440	5/2	Dubilier Cond. Co.	Request copies of report on test to determine proper form of arrestor to be used for pro- tecting windings of dynamos for radio frequency surges. W. To 5-6
563055	5/10	Phila. (T) To Cavite- rel shipment of batteries 12/8	Request ship to Cavite oxide batteries- same not available- reqst instrns. W. Shipt order from Boston to M.D. M. Cavite 5/20 7905 Re 8/9 L RB 11/29 L
562948	5-12	To Washington	Design problem 150-B battery charging equipmt Authorizes shipt fro N.Y. to Radio shop W To Washn ton 7/12 Equipmt- 3 st test stations to be equipmt with battery charging equipmt. 8/10 W.
566808	5/31	Excelsior Trading Co.	Re most specifications cov 15 cell wireless station batteries. W. To 6-2
566808	7/20	Phila	Request ship to Cavite oxide batteries- same not available- reqst instrns. W. Shipt order from Boston to M.D. M. Cavite 5/20 7905 Re 8/9 L RB 11/29 L

Fwd S&A 7/28

1921

Number.	Date.	From or To--	Subject.
568020	6-10	To S&A	Recd shipment of condensers from Brooklyn to Anacostia W 7761 RB 6/17 Y
53459	6/15	To Inspr Brook	Gives instrns re test of condensers WS 629
✓ 570154	6/16	Dubilier Cond. Co.	Have fixed samples of mica condenser to Washn. Id for test. To Dub Cond Co 6/20
53458	6/13	Anacostia	Report on test of condenser SAW 629
CARD 78	7/26	Dubilier Cond. Co. - Post Bureau com- ments. 7/26 To - 8/9 W	to space available for mounting equipment To Wash 7-14 To Dubilier Cond Co 8/9 Calls attention to new type of mica condenser replace ordinary paper type. Dubilier Cond. Co. 8/23- Subm sample. 6/23 W.
574446	7-11	Dubilier Condenser Co To Dubilier Cond Co Tel Test 9/6	
573292	7-12	To S&A	Recd shipment of radio condenser from Anaco to Brooklyn W 8074 7/20 & 15 Recd 3 cons. W To Dubilier Cond Co 7/15
574657	7-12	Dubilier Condenser Co To Dubilier Cond Co 7/23	
		To Pug Sq Vtl rel shipment of batteries 10/14	To Pug Sq. Tel 7/15 Pug Sq. (L) Recd expedite shipment batteries for stock 10/15-54

GENERATING SETS BATTERIES

1921

Number.	Date.	From or To—	Subject.	
550673	3/9	Bur Stand. Labr	Design problem #209 recommends condenser unit with paper condensers submitted by Western Elec. Co. be tested in actual service. W.	
541192	FROM CARD 70		Phila. 3/15 W.	
49539	3/11	Washington	Submits report on test storage battery made by Edison Stg. Batt Co. S&W	629
548377	FROM CARD 70		Chasn. 3/16 " Eng. Bd. 3/23 W MI - No batteries in stock. 3/30 W.	
552378	3/3 To P. Harbor 6/14	Pearl Harbor	Request Edison batteries be furn. RD. To S. P. H. Disappnd 3/22 cc P. H. To P. Harbor - 4/9 P. To M. Island 5-10 M. I. - S. W. estimates. 5/19 L To Comdt U. I. 5-28 Ship order from MI to PH 6/10 7776	

GENERATING SETS BATTERIES

1921

Number.	Date.	From or To—	Subject.
553313	3/23	William Dubilier	Have been approached by Jap Govt rel to sale of patents, etc. desired expressly from Navy rel to future business with Navy before sale is consummated. To Air Intelligence Gives info 4/6
553841	3/24	Wellesly College	Ask if possible to buy copper coated Leyden jars. W. To — jars available 3/30 Fwd 28 5/31
553097	3/26 Nort 5/23	To D. Norf W	Ship order will be issued for transfer to naval radio station upon completion of test of battery charging unit cc Key West W Norf - Fwds report of test on battery charging unit, sent by Franco Mfg. Co. 4/15 W. To Norf 5-26 Reqt. for copies of plans be fwded to Bu W Washn-4-8-W
554862	4/2	To Washn	
555665	4/8	Wenner Co.	Subm request for test of Lyons battery for radio use. W. To Washn Reqt battery be tested 4/11
555854	3/29 4/5	Pug. Sd. Boston	Type CD 158 condensers satisf in lieu of type CD. W. Fwd SdA 4/15
557750	4/15	Pug. Sd. Copy	Request Immed to ship of Dubilier mica condensers. W.

BATTERIES

1920

Number.	Date.	From or To—	Subject.	
3366 B	12/23	Nav. Observatory- 3/9 W	Ask if wireless batteries are carried in stock; also source of supply and price.	ML
536913	12/18	Rare Island	PH 5701 1-29	
		Ship order 12/29 RB 3/19 W	Recd and approval of 20 RB 100 for stg. at Rare Island	
535655	12/18	S&A	To Rgt 8d via S&A 2-7-21 RB 3-7	
			Ask date of del of radio batteries for Crystabul.	727 - 1
539851	1-13	1921 To Norfolk	Advise number of type CU 119 and CU 887 Edison batteries in stock at Norfolk W	
539853	1-14	To S&A	Reqst shpmt of battery from Washing. to New Navy Bldg Washn. W	5915
540737	1-18	To Comdt Phila	Instal of Burgess battery type SE 3535 A with intercommunication sets W	
541197	1-20	To S&A	Reqst shpmt of batteries from Aird Factory PH to Phila SO W	5982
TO CARD Phila	To S&A shpmt of batteries from Phila amendment 2/17		To Phila amendment 2/18	
71	To Phila 2-18			
544535	2/2	Dubilier Cond. Co.	Calls attn to instructions on insulator switch Co. has developed for antenna condensers	
532831	2/21	S&A	To 2-5	
			Yvds correspondence with excess obsolete and deteriorated matrl at Grt Lakes	507

Number.	Date.	From or To—	Subject.	
49.5	3/1	A. R. Gilie	Request opportunity to re-present To 2-5 W	
50815	2-5	Phila	Report on condensers in store W 689-1	
526904	2/22	Nav. Observatory	Request batteries be furn.	909
545701			N.Y. 2/23 W.	
			To IM NY re use of tenger rectifiers for charging batteries; request inform 2/11/21 W.	
546289	2-15	To S&A	Request shipment of batteries from Puget Sd to Pearl Harbor L RB 8/10 L	6320
547406	2/18	Washington	Recommendations covering giving credit for condenser to W.W. Ellis. W. And Washington 2/25 Dept- Returns claim. 3/19 W. And Sec 6/16 RB 6/23 R	
548342	2/22	A. R. Wilson	Request photos and wiring diagram of charging panel as made by Betts & Betts W. To YMCA 3-3-21	
548377	3-2	To Comdr IM's	Stock of Edison radio storage batteries- W	
TO CARD		Phila. Subm list. 3/14 W	Boston 3/9 W.	
71		North-Recommendations cov Edison	N.Y. 3/10 W RB 3-12	
		Stg. batteries, standard stock 3/16 W	New York 3/10 W RB Ports 3-14	
549062	3-2	To S&A	Chasn 3/16 W. Request shipment of batteries from NS D to Bur of Engr. L 6479	

GENERATING SETS BATTERIES

1920

Number.	Date.	From or To—	Subject.
518776	9/21	Washn.	Fwds prints, smunt condenser system. W.
519577	9/16 9/17	Coco Solo 15th Dist.	Subm request for transmitting condensers. W. S. 1st order from Boston to Balboa mica condensers for stations listed 11/11
520927	10/4	Manhattan Elec. Sup Co.	Request name be placed on mailing list: are manufg red seal dry batteries. W. Manhattan Elec Sup Co. - 10/4 W.
521071	10/5	Boston T	Request copy of specifications for manuf of compass compensating condensers. W.
521127	10/7	To SEA	S. 1st order from Boston to B. th storage batteries W.
522053	10/7	Bur Stand	Use of paper condensers in reactor- Bur Stand Labr- Exam copy of contract report of test. W. ors letter in case in sealing compound. W. 10-13: RE 10-28: W for seal of or condenser 11/10 W To: 11/2
524054	?	L. Davis	To Washn- auth model ref for test 12/4 Request mechanical dimensions of choke coil and electrical capacity of condensers. W. To L Davis 10/20

GENERATING SETS BATTERIES.

Number.	Date.	From or To—	Subject.
528336	10/21 11/9	Grt Lakes S.A.	Fwds list of deteriorating storage batteries. LM. Awd S&A 4/2
529758	11/12	Mara Island	Fwds copies of correspondence in conn 589-77 with radio and sound signalling atack. W
529852	11/12 11/16	Dubilier Condenser Co. Phila.	Antenna series condensers in 2 and 5 kw condensers - Recs prints and comments on. W. Awd Wash 12/1 RS 12/8 W. Awd Phila 12/14 RS 12/22
530750	11/22	Phila.	Exits Wilson Batteries on hand reserved for vessels listed. W.
531146	11-27	To Lowenstein Radio Co.	condensers to be manufactured at Wash Navy Yard W.
534146	12/9	Washington	Fwds sketch of fine adjustments for variable condensers. W. To Wash 12/15
533615	12-13	To Phila	Reqst info as to English or French storage batteries for plate circuit of vacuum tubes on hand W.
CARD 78	12-13	To Phila 1-7-21	Phila- 1/3 W
535345	10/27 12/15	Ports S.A.	Slit order from Airc Post to Anacostia Sign report on deteriorated dry batteries for radio vacuum tubes. W. Awd S&A 1/21

GENERATING SETS; BATTERIES

1920

Number.	Date.	From or To—	Subject.
✓ 498490	6-10	To Bureau Standards	Advise if sample condenser referred to in letter from W.J. Roach of 6-1 to radio aid J.I. Miller Bur Stds. will be suitable for work contemplated on special paper condensers. W
✓ 502517	6/30	New Orln. Shipt from Ph to NO radio Batt charging panels 8-12 RB 2-12-21	Ask if Washington Yard can furnish 11 battery charging panels. W. To L.O. Washn yard cannot furnish all of material. W W. Orl. rest charging panel for use of Shipping Board vessels 8-13 Advise when conference will be convenient as Dr Miller arrive at plant on July 8th to explain special requirements of condensers W
✓ 502978	7-6	To Western Elec Co	
507484	7/24	Boston To Dubilier Cond Co. 8/30 Dubilier Cond. Co. - Cannot give information. 8/31 W	Request disposition of mica condensers To Dub Con Co. 8/17 reqst comments re condensers COM NY Brock Dubilier Cond Co. - Request dept consider rejected condensers as damaged units which are ret'd to them. 8/18 W Reqst drawings for variable condenser. W To Comdt Washn. amendment of title 8-9
507389	7-26	To Washington	
514391	8/24 8/25	Dubilier Condenser Co. Boston	Reqst official report on mica condensers. W To Dub Cond Co 9/24
✓ 515833	9-10	To Phila.	Reqst info in re condenser protective devices not at store Phila; no record of issue during past 6 months; 9-15; W

Number.	Date.	From or To—	Subject.
469268	FROM CARD 66		Rwds stg battery report. 7/29 L Ports. 7/31 L L I B/30 L Ports. 9/1 W/ Ports- Subm report. 10/4 L Ports- Subm report. 1 Ports. 11/30 W Ports- 12/31 L I- 2/2/31 L I 8/3 LW To Comdt M.I. 8/13 RB 8/31 L
45228	9/7	Dub Co	Canc of contract and rejection on contracts 32616 have left large amount of material on hand reqst Bur use as spares SW 629
514418	8/31	To Washn	Reqst fwd vandykes W
514417	8/31	To Boston	9/3 fws covering battery clearing panel 876 Reqst fwd vandykes and copies of special reports. Boston 9/7 fws reports on condensers
518627	9/20	Washington	Reports delivery by Frankfort Arsenal of variable condensers for which they received award. W.

GENERATING SETS BATTERIES

Number	Date	From or To--	Subject	
✓ 483905	3/25	Dubillier Cond-Co.	Request blueprints copies of specifications of condensers be furnished.	W.
✓ 486388	4/7	Standard Elec. Novelty Co.	Samples of batteries subm to radio test shop, Washington for test. To Standard Elec Novelty Co- will investigate and fwd re of tests 4-12 To Washn re above 4-12 asm- report on test of batteries subm by Standard Elec Novelty Co. 7/23 To Std Co 7/26 To Washn work completed 8/18	
486540	4-22	To SIA	Reqt shipment from Airc Ph to S.O. Phila radio apparatus W ; RB 9-18; W	
42715	4/22	M Is	Submits information re cost per set of storage batteries for emergency transmitters, Destr's bldg at Beth S B Corp - SL	629
490296	4-29	To Dubillier Cond Co.	Gives information in conn with type number assigned to condenser which are used for G.E. Co to use in airc vacuum tube transmitters in order to identify same. W	
✓ 491831	5/5	Dubillier Cond Co.	Request assign type numbers to condensers listed supply to G.E. Co. To Dub Co assignment of nos 5/17 Dubillier Cond. Co. 5/29 Calls attn to errors in type numbers 5/29 W	W

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Number.	Date.	From or To—	Subject.
492022	5/6	Radio Corp of America	Fwds specification covering manuf of Leyden jars - W
492323	5/7	Bost	Reqt disposition of broken transmitting condensers - W
493239	5-15	To IM's and Condt's 875	Policy in re to removal of Leyden jars and installation of Dubilier condensers. Reqs will be made on conditions applying in each case W
494630	5-21	To SEA	Reqt shipment from Washington to Bur S.E. flexible shafts for rotary tone condensers W
494929	5-24	To Comit Washington	Reqt fwd drawings and data, variable air condenser, assigned type number SE 1741 W
497769	5/3	Dept. of Justice	R. Hoguet, special asst to atty general request one Dubilier Cond. having internal clamp be furn. To Dept Justice- N.Y. has been reqstd deliver condenser to Mr. Hoguet 6/16
497373	6-5	To SEA	To Brook- Ask if condenser returned 3/16 Reqt shipment from FSB to Mr. Hoguet N.Y. City radio apparatus W

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4-5814

Number,	Date,	From - To -	Subject,	
✓ 477409	2/11	Elec. Stg. Batty Co.	Fwds bulletins describing portable and semi-portable exhide batteries for use in audio tubes and signal sets To Elec Stg Battery Co- no record of rec bulletin- asks fwd 4/6	W.
476704	2/10	To S&A	✓ Request shipment from Washington to Airo Phila. radio storage batteries. W To S&A amendment of shipt order 3/1 Aircraft Factory- Request authority to replace beds and filling. 8/24 To Phila with printed 8/31	
32515	1/19	To Insps Brooklyn	Requests Insps Eng Material submit a complete report of condition of transmitting condensers which were taken apart and destroyed. W	629
478695	3/4	To S&A	✓ Request shipment from Boston to Washington radio appt. W	
5128	2/26 3/5	Bost S&A	In connection with condensers recd and damaged condition calling attention to poor method of packing - 3	629
460903	3/19	Pug, Sd.	Structural details of battery locker, giving location for WORMING- fwds prints	924

GENERATING SETS BATTERIES

Number.	Date.	From or To--	Subject.	
468572 X	1/10	Dubilier Cond. Co.	Enters protest against Navy employees publishing articles giving details of condensers manufactured by Company. To: Matter be investigated. 1-17 Fwd Boston. 1-17 RE-1:26 To Dub Cond Co 2/9	W.
467811	1-10	To S&A	Reqt shipment storage batteries from Wash to SE. W	
469372 8 X	1/8	Fed. Tels. Co.	Ask if satisf to loan Dubilier Cond. Co. a 2 I W are set on contract 42141 for experimental purposes. To: Not willing to consent to loan. 1-19	W
469268 9th Dis-1:23 M IS-1:23 Fug Sd-1:27 Boston 1/3 To Boston- asks no of stg bat charg pan as per lettr of 1-31 2/5 Mar Island 2/5 To Charleston 2/11	1-15	To S.O. Yards	Charging panels 120 volt, 80 A.H., 140 A.H. and 210 A.H. storage batteries. Radio. Repts include number in stock in monthly report. 1/17 Hila: 1/17 Portx. 1/17 Grt Lakes-1:20 NY-1:21 FSB-1:24 TO CARD 66	A.H.
469272	1-15	To Insp'r Phila (T)	Navy radio is one four naught ampere hours, two is 210 ampere hours and three is 80 ampere hours. To Insp'r Phila- Lists tabs showing designation of all auxiliary power radio batteries at present in use. 1-20	

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Number.	Date.	From or To--	Subject.
468306	1-19	To S&A	✓ Reqt shipment condensers from Wash to Boston. W Boston 2/12 To Boston 2/19 RE-1:30 Boston-2277-1:24
470765 X	1:20	Washn	Test of type CD 1453 series antenna condensers- submits report covering. W
471510	1-24	To S&A	✓ Reqt shipment rotary tone condenser shaft. W from Wash to to Bu SE.
472986	1:29	Dubilier Cond Co	Request payments covering condensers shipped from Boston to Washn for test. W To Dubilier Condenser Co- referred to S&A 2/4 fwd S&A 2/9
473909	2/3	Washington	Have developed calorimeter for measuring losses in mica transmitting condensers; Request transmitting condensers be furnished from stock at Boston to complete test. W. To S&A ship from Boston to Wash 2/9
474208 ✓	1/29	Sussfeld Lersch & Schimmel	Encs pamphlet on mica plate condensers mfg by Schott & Gen G rmany W fwd Cdt Wash 2/6 RE 2/14

GENERATING SETS, BATTERIES

Number.	Date.	From or To—	Subject.
461496	12/6	To S&A	Reqt shipment from Washington to Air Mail Landing Field Bellefonte Pa. radio varb condenser. W RB 1/9
462823	12-12	To G.P.O. (Supt. of Documents)	Reqt. furnish 25 copies of "Edison Storage Batteries used in Naval Radio Communication." W RB 12/17
463274	12/8	Mara Island	Request consider removal of leaden jars and instln of Dubilier condensers on vessels of Pac. Fleet. To Cdt MI 2/9 Mara Island 2/27
463713	12/16	Bur. Stand. Resch. Labr.	Paper condensers for rejector circuits-report on. W.
464324	12-26	To S&A	✓ Reqt shipment radio storage batteries from Phila to Wash. W
465783	12-29	To Comdt Boston	Radio transmitting condensers number in store at Boston. W. Boston 1/5 To Cdt Boston info reqt number condensers in store 5/12 Chasn- List condensers at Yard. 5/18 W.

Number.	Date.	From or To—	Subject.	
401241	FROM CARD 49		Fwd S&A 1-8-20 RB 3/25 Fwd S&A 3/27 RB 4/30 Y Fwd S&A 5/5	
466884	12/31	General Lead Batt.Co.	Ask if any objection to furnishing print of radio batteries to Independent Wireless Co. To- 1-13	W.
466835	1-6	To S&A	Reqt shipment radio batteries from Wash to Dept. W	
467352	1-7	To S&A	Reqt shipment storage batteries from Ny to Wash yd.L	
45228	1/9	Wash	Recommends suggested modifications for mica transmitting condensers be appvd. W	629

GENERATING SETS; BATTERIES.

Number.	Date.	From or To—	Subject.
✓ 454623 X	10;28	American RR Corp	Sample mica condenser forwarded to test shop to test, sub spec cov. to Washington 11/8 Washington 11/12 To American R R Co. recs as suitable for lab use but not fitted for present needs of service 12/8 American Railway Corp - reqst return defective instrument -12/11
✓ 455303 X	10/30	American R/R/Corpn.	Request authority to subm sample antenna condensers for test. WL.
✓ 454904 X	10;31	To Dubilier Cond Co	Adv that Wireless Spec App Co. was not sup with any drawings which are involved in patent litigation at the present time by this Bu.
✓ 457303	11/11	Bureau of Standards	Ask if specifications covering out and inent mica have been prepared; ask if test of phenol methylene type of insulation has been completed. W.
✓ 457940	11-14	Dubilier Cond Co	Rest shipping instructions covg 50 condensers which have been completed for 2 months. Same were shipt to Bost Yd be ret'd on orders of Inspr Brook. W

Number.	Date.	From or To—	Subject.	
458922	11/19	Insp'r Brook.	Confirms telephone conversation requesting have Edison Elec. Stg. Batt. Co. send special representative to Bureau in conn with batteries for radio work on A and B audion circuits.	WL
458926	11/20	To S&A	Reqt shipment from Airc Phila to Carlstrom. Arcadia Fla. stor batteries L	Field
458941	11/21	To IM Cat Atl and Pac Fleets, S&A RB 1/9	Reqt batteries removed from vessels upon return to owners, be made available for reissue to the service. W Copy back 12/1 RB 12/8 Burst Sound - No radio stg batteries on hand. 12/2 Great Lakes - 12/20	
459618	11-24	Wash.	Recommendations covg acceptance test of series antenna condensers for 2-KW arc transmitters.	W L
460680	11/29	Edison S.B.Co/	Guarantee of W type cells.	W
461032	12/3	To S&A	Reqt shipment from Washington to H.Roads 150 radio batteries W RB 12/31	

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GENERATING SETS, BATTERIES.

Number.	Date.	From or To--	Subject.	
~~449040~~ X	10;1	Boston	Regarding special Dubilier condensers.	W
450577	10;9	Phila	Sub report cov advantages claimed in Wilson Primary Battery, asks if shall go on with test. IM To Cdt Phila - test not authorized, as better facil at Yd NY - rec Wilson Elec Device Co be advised of action. L on to IM NY 10/15	
449013	10;8	TO S&A	Reqt shipmt from Washington to Phila of 100 radio batteries. W	
450610	10;11	TO S&A	Reqt shipmt from Boston to Pg Bd of 25 condensers. RB 2/20	
450722	10/4	Ship Board	Asks what parts City water supply has been approved by navy for use of storage batteries IM	771-2

GENERATING SETS BATTERIES

Number.	Date.	From or To—	Subject.	
450976	10/11	Shipping Board	Fwd copy of ltr from Independent Wireless Co concerning failure of Navy Dept to comply with instructions re location of storage batteries aboard vessels of Lake type W	771-2
451449	10/15	To S&A	Shipment request from Fleet Base to Boston storage batteries. L S&A 11-21 Copy of action to FSB.	
451076 X	10/15	Boston	Asks if Bu has any procedure to re claim damaged mica condenser.	W
456993	10/16	To S&A	Shipment request from Washington to Radio Divn Room 2430 radio appr for SE W	
46741	10/20	Washington	Subm specifications for vacuum tubes plate batteries W	629
47024	11/28	To Washington Yd	Practically impossible to properly assemble condenser and switch system to inductance system. Rqst. holes in condenser terminals be redrilled. W	629

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GENERATING SETS; BATTERIES.

Number.	Date.	From or To—	Subject.	
445783	9-15	Washington	Rqst instructions re test of antenna condensers recd from Boston. Washington 11/7-Rqst instrns.	W
445864	9-12	Phila	Memo of phone convsn between Phila and Bur re storage batteries for El Sol and El Oriente.	W
446050	9-16	Dubilier Condenser Co.	States are fwdg to Radio Test Shop Wash 1d 2 models of small condensers.	W
446051	9-17	Dubilier Condenser Co.	State have not yet recd repair order for antenna condensers.	W
446594	9; 18	N O	Storage Battery Instruc Book reqstd. To New Orle-fwds pamphlets on storage batteries; 10; 14	
447690	9; 24	Norfolk	Box for Willard ampere bat. fwds prints. To IM Norfolk reasons for location reqstd Stockton. Cross to Stockton-6 to STOCKTON	W 10/9

G.N. DATING SETS: BATTERIES

Number.	Date.	From or To—	Subject.
445909 X	9/19	To Ports	Radio condenser for special use by Bur. W To Ports (T) 9/24 Portsmouth 10:20
446606	9/22	To S&A	Reqt ship from N.Y. to Mare Island radio storg batteries. L RB 1/19
447166	9:23	Dublier Cond Co	Fnds app for name plate for antenna condenser with 2 kw arc sets. W
445764	9/23	To Oat Phila	Radio receiving app for USS NEYADA- error in quoting phone conversation- W
446859	9/23	To S&A 9th Dist-Monthly report 11:1	Reqt ship from Norfolk to Great Lakes radio storg batteries. L RB 6/9 L S&A-Copy let to Norf- 10:13 To Great Lakes-Reg preservation of storage bat. 10:14 To C L-Radio storage bat for Ship Brd vessels 10:22 Reqt ship from N.Y. to Mare Island storage batteries for radio "A" sets. RB 2/3 To S&A shipmt restd from NY to Puget Sd storg batte y frc railo set "A" 10/7 RB 1/8 To Mare Island 3/31 RB 4/14 L
446860	9/23	To S&A	

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GENERATING SETS; BATTERIES;

Number.	Date.	From or To--	Subject.	
442097	8;26	Norf	Charging panel for A B battery with Genco engine set, fws prints. W	
KW NSA 36/1920	8/27	To S&A	Fws reqn without action, calling attention to circular letters in re to material for yards also class of material which should be reqstd of Bureau. W	
442637	8;28	Boston	Fws spec report on antenna cond mfg by Dubl Cond Co. W	
443060	8/6	Dublier Cond Co	Fws prints showing dimensions of condenser for new design, asks if can substitute for old type. 711	
443749	8-1	Washington	Dry battery submitted by Miller, Reese Hutchison Co. Reports on test.	LW
443157	9/4 To Phila To Phila	To Phila addtl wet batteries-12 1-8	Comments reqstd in re to sub batteries in wet condition for those in dry condition at Phila. L Phila 9-10 Rec batteries in wet condition be shipt for current installation. L W To Fleet Base- req fwd status of matr 9/24 Fleet Sup Base 9:29 To S&A shipt from Fleet Base to Phila star batteries for ship Bd vessels 10/7	RB 12/8

GEN SETS BATTERIES

Number.	Date.	From or To—	Subject.	
✓442693	9/6	To Ever-ready Battery Mfg Co	Req fwd copy of catalog. W American Ever-Ready Battery Co 9-11 Fwds catalog	
443813	9/4	Worf	Gas generating sets at radio compass shore station- casualties to - fwds reports and prints; are manufg new type charging panel W.	919-1
429942	FROM CARD 57 Washington 12/23 to G.H. Clark. 12/23	Apparatus loaned	To P Farnsworth- gives results of conference held between Natl Elec Sup Co and Bur- 9/8 Wireless Specialty App. Co. 9-11. Have made arrangements with Geo. H. Clark to represent in conferences. W To Ports- req del to GH Clark mica condenser dispatch of 9/23- 9/24 To Natl Elec Co- no objection to giving info to Wireless Co for use in patent litigation 9/24 to MI- confirm auth by phone del G.H. Clark mica condenser 9/24 See 464624-8901 for further corres. to Comit Wash. 12/20	
440704 ✓	DECL 2113 40		American REP Cor. 9/9 Will fwd s to condenser test shop 9/15.	11
44117	7-10	Insr. M. K.		11

GENERATING SETS: BATTERIES.

Number.	Date.	From or To—	Subj. act.
439348 X	8:12	Phila	Determination of capacity for small mica condensers, report cov. W
439580 X	8:13	Phila	Fwds copy of spec report on determination of capacity of spec mica condensers. W
439461 X	1/2	Boston	Fwds letter to wireless Spec App Co in con 911 with test made on condensers. W
440901 X	8:19	American RR Comp	Fwds spec for Decarde mica-condenser D To Wash-Fwd- 8:23 Amer R & R Corp 9-4 Fwds photo Fwd Wash 8/9
439733	8/21	To Cat Ph	Instruc for is use of stor battery test sets to Shipping Board vessel will be fwd later W
5128	8-11	Boston	Fwds Bill of Lading of condenser con to Wash 8/9 529

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Number.	Date.	From or To—	Subject.
439 441219 X	8:20	Boston	Series antenna condenser sub by Dubilier Cond Co., fws prints of spec report. W To Dubilier Condenser Co- Fwdg 1 blueprint copy of report on test of series antenna condenser, as rstd- 8/27 To Boston asks for review of status of job orders 9/2 Boston 9-15 Gives status of job orders condenser racks to our Boston- for compl place in stock 10/7
440221	8:23	To Wash	Reasat rigid exam be given all future batteries. W Washn- for report on failure of Edison vacuum batteries. 9:0
404057	<u>From Card 50</u>		In regards to condensers shipped in error and marking of same. W

GENERATING SETS: BATTERIES

Number.	Date.	From or To—	Subject.
✓ 433715	7/19	To Comdt Washington	Rel to delivery to Radio Test Shop of three storage batteries mfg by Gen Stor Battery Co gives copy of name plate data. Request be given test W Wash 2-5 Reports on test.
435643	8:8	NY	States Edison Storage Bat returned to vessel 7:14
✓ 435199	7:22	NY	Parts of Dubilier telefunken and RC condensers and to Bu 19th. W
434713 X	7/26	To Dubilier Cond Co Wireless Spec Co American R & C Corp	✓ Request be fwd covering method employed at plant for applying electrical test on mica. Revision of navy specims. W American R & C Corp. 7:28 Dubilier Cond Co retd samples with detailed comments. W 7:28 Wireless Spec App Co-Sub infor re method used in test of electrically mica use. 8:1 Report of action restd. disposition of Edison storage battery type A6 SS TURLALBA W To Ind Mr NY- Desires steps be taken to satisfy tropical R & C Co that the section of battery in question has been retd to them. 8-27 To NY- dispo of battery 10/1
✓ 435646	7/29	To N.Y.	New York 10:10 Investigation on collection of condensers, sub detailed report on. W
436438 X	7:18	Lt G H Lewis	
427614	8/20	To Annapolis	Req summary of info held by Lt. W. A. Tattershall and Mr. Delish attached to Sta in re to development of mica condensers 896

Number.	Date.	From or To—	Subject.	
✓ 436644 X	7/31	Dublier Cond Co	Reqst report of test on mica trans condensers sent to Washington 1rd for test. 8/7 Wash- fws graphs of test of Dublier transmitting condensers. 10/31	
✓ 437366	7/30	Dept	Fws pamphlet on radio storage battery.	W
✓ 437210	8/6	To Philip Farnsworth	Fws sample mica condensers.	
✓ 437216	8/6	To Comdt Washington	Reqst tests be made, to determine power losses in high voltages high frequency m.c. condensers. W Washington 1-15/21. W. To Washn- 1-25 To Washn 1-25	
438794	8/8	Boston	Reqst drawings showing condensers racks for 7 standard mica condenser units. W To Boston- fws prints 8/14	
440704	8/19	Railroad Corp (American)	Fws photos cov condensers. W.	

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Number.	Date.	From or To—	Subject.
✓ 427581	6-20	To Insp NY City	Confirms phone conv Mr. Bloomsburg and Bu. rel to del of motor buzzer set direct to MEXICO as reqst in amendment to contract info be given to Bu with that in re to Army stor batteries
✓ 418212	6/24	Fwded Communications	Bureau reqstd in SO of 5/10 Fleet Base to issue all light vessels equipped w stor batteries one small testing set lead acid type Fwd Commun atio s 6/23 fwd Commun 7/24
✓ 428787 X	6:25	American RR Corp	Fwd: photos showing mica cond sub to Boston Yrd for approval. To- acknow rec of photos 6/25 req report be fwd covering internal construction of type "A" mica condenser 7/1
✓ 429942 SEE 50	7/3	To NY correspondence fwded- Tel referred to not yet located 8/12 To P Farnsworth-will fwd info upon receipt of, and endeavor to obtain condenser or construc required for exhibit 8/13 P Farnsworth 8/12	Bureau of SE collecting evidence in conn with patent suit covering mica condensers, reqst cooperate W To IN NY- req Mr Philip Farnsworth be permitted to visit yard NY for purpose of collecting data 8/8 To Boston ditto Boston yard 8/8 To Mr Philip Farnsworth bel above 8/8 To Philip Farnsworth- calls attention to
420916 Phila-1:30 To Comdt Phila req fwd drawings 4/15 To Comdt Phila via S&A- disappvl 5/11	6:17 Phila	Phila	Reqst 10 bat charging panels be carried in stock avail for instal on destroyers. Phila - Request action 12/16 Phila - Request action - 4/10 - W Phila - Battery charging panel- fwsd print 4/24 W

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GEN SETS : BATTERIES

Number.	Date.	From or To—	Subject.	
431334	7/10	To S&A	Reqst shipt from Washington to Phila radio batteries W RB 8/23	
431685	7/11	To S&A	Reqst shipt from Phila to Wash storage Batt L	
431982 X	7:2	Dublier Cond Co	Sub list of customers other than Gov in con with license agreement. W Cross to 896	W
432645	7-16	To Comdt PHILA	Specifications for Mica Transmitting condensers and protective devices. W Fwds.	
432649 X	7-16	To Washington	Fwds report of investigation of German submarine type transmitter condenser. W	
432460 8	7/11	NO	Reqs that some type of rectifier be sup Galveston and Port Arthur. or storage battery. W. To NO- will arrange for ship if equip can be used 7/23 NO-Reca 2 commutators rectifiers be sup for and ion battery to Port Arthur Station. To NO- rel to shipment 8/11	882-2 8:4

GENERATING SETS BATTERIES

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Number.	Date.	From or To—	Subject.	
419658	5-21	To Gem Storage Bat Co	Asks submit samples that will comply w specfns as given: W Gem Storage Bat Co-Can make delivery of samples about June 10. 5:24 To Gem C o.-asks info time of ship 6-17	
419626 X	5-22	To American R&R Corp	Advises Dub Cond Co has submitted to Bureau for approval name plates which they have supplied with series antenna condensers for model "L" transmitters, approved. W	
419993	5-22	To S&A	Req ship from NY to Phila. 50 battery charging coils L S&A 7:22 fwd S&A 8/7	
~~45928~~	~~5/26~~	~~To W. Y.~~	~~1/2 KW emergency transmitter intrans~~	~~629~~
45920	5/23	Liberty Elec. Corp.	Subm report on test of dummy antenna, eliminating trouble. W&E	629
421392	5/26	General Radio Co.	Reqst assign type number to air condenser fwd prints showing engraving. To— assigns type number 5-31	W
44578	5/26	Incor Westinghouse	Asks test reports and prints on 10 KW turbo gen sets. S.	629
42141	5/27	Crocker Wheeler Co.	Fwd prints covering detail of 2 KW motor gen sets. W&E	629

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Number.	Date.	From or To—	Subject.	
422699	5:29	Dublier Cond Co	Fwds prints showing type CD 3536 cond asks if sat.	W
423274	6:4	Ph	Conf tel conf asks if new type of Dub cond for transm. in stand. To Capt Phila- request mod dlen be fwd 5-17 W Ph-Fwds print showing alterations. 5:53	
45228	6/12	Phila.	Fwds copies of reports of tests of antenna series condenser. &S.	629
425819	6:16	K C Co	Fillers for Crocker Wheeler Machine, asks if can rec order cov.	W
426825	6:18	Ph	Request expedite delivery of audion storage battery and number sub to meet existing demands To Phila nec to sub type Cu 867 type 353 5 8/3	
427252	6-21	To Sd	Req ship from Norf to K W radio stor batt L RB 8:5	

GENERATING SETS; BATTERIES:

Number.	Date.	From or To—	Subject.	
417812	5:10 5:13	3rd Dist Com	Fwds copy of instruc for maintenance lead acid stor bat. also record forms, reqst instal spec be made carefully when drawn up.	WL
418212 see 57				
418409	5-14	Wash Wash - report covering constrn of experimental moulded condenser - 548-4015 - Hi To Wash - apvl 5/13	Reqst auth to construct experimental model of a variable air condenser with moulded To Wash - Yd - author proceed with construc allots 200 5-27	
418556	5/14	Boston	Fwds cards correcting balance of mica transmitter condensers W.	689-1
419105	5:16	Dublier Cond Co	Reqst assign tem type number to series cond. to be used on 2 kw. fws arc. set. To DubCo - policy 3. Bu does not cr. it. type 13s to be assigned appr. for lack of test not approved W 5-26	W
419121	5:16	Perf	Shore panel for Sperry buzzer set and bat for audion detector, fws prints. To Perf - reqst info type of installn 5-26	W
419353	5:16	Phila	Storage battery, conf tel conf relative to supply of.	W

GENERALING SETS BATTERIES

Number.	Date.	From or To—	Subject.	
418816	5-17	To SEA	Req. sent from Washn to CLR one radio battery W RE 5:23.	
✓ 419626	5:19	Dublier Cond Co	Sample name plate attached to antenna series condenser sup to American RR Corp for emergency spark transm.	W
✓ 419299	5-20	To Phila	Reest expedite shipment, 3-29 to Phila and 30 of 3-29 to Phila Material for Boston and Norfolk W Phila 5:23 Phila- 5:27	
✓ 420191	5:19	Phila	Conf tel conv in con with various test of mica cond for radio transm.	W
✓ 420271	5:21	Boston	Submits report of test of type A mica condenser mfg by American RR Corp.	W
✓ 420269	5:21	Boston	Submits report of test of Wireless Spec App Co. model, L series antenna cond.	W
407400	From Card 215		Wash-Cond sent by BU Stand for test, reports on.	898

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GENERATING SETS BATTERIES

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Number. OLD NO	Date.	From or To—	Subject.	
323852 SEE CDS 34-38	5-6	To Comdt Phila	Reqt test of condensers fwd to Lab on 5-2 Dubilier Cond Co. W To Phila- asks when reply be made to letter of 4-29 and 5-6th 5-15 Dubilier Condenser Co 5/24 To Dub Co- co firms phone conversation re sample CD 3536 trans cond reqt trans cond be supplied cngr 1631- 5-29 To Phila- re above 5-29	
			Phila- Report of test of trans cond. 6:4 Phila- fwd report of test 6:5 To Dub Co- fwd print copy of report outlining report of tests 6-10	
45919	5/3	Boston	Fwds special report on series antenna condensers wireless Spec Apparatus CO W-8	629
45919	5/3	Boston	Fwds special report on series antenna condensers Dubilier Condenser Co. W-8	629
417005	5:7	Phila	Fwds report on antenna series condensers for use on destroyers.	W
416988	5:3	Insptr Fed	Antenna series cond for 2 kw arc radio transm set, fwds copy of correspondence Fed Tel Co and report on test of those mfg by Dubl Cond Co.	W
418212	Old Number		Pensacola-Weekly report 6:23	

Number.	Date.	From or To—	Subject.	
417068	4:28	Dubilier Cond Co	Reqst capacity for series antenna cond used with 5 and 10 kw set.	W
416377	5-8	To S&A	Reqst shipment from N.Y. to Washn 2 32 volt 40 amperes hour radio storage batteries.	L
417514	5:9	Gem Storage Battery Co	Wxls set of curves showing performance of vacuum tube circuits.	W
45920	5/9	To N.Y.	Fwds copy of specifications cov require- ments of series antenna condensers- desires to mount directly on panel. W-3.	629
45919	5/9	To Dubilier Cond. Co.	Fwds copy of report from Boston, on per- formance of series antenna condensers. Gives type number assigned. W-3	629
5128	5/12	Boston	Recommends 10% plus or minus capacity valuations be incorporated in specification for antenna condenser. W.	629
418133	5-14	To Comdt Phila	Fwds cy of letter of 5-14 to Wireless Spec Co re test and approval of 02 microfarad type condensers W	
	5-14	Phila-Wireless Spec Co cond, report on test. 6:9	To Wireless Spec Co- cc to Comdt Phila	
	5-14	Phila-Wxls test report. W 5:9	Reqst four protective cond be fwd to Phila 5-14	
	5-14	To Wireless Co- asks fwd drawing show dimen etc of condenser 5/26 To Phila reqst fwd copy of report 5/26	Wireless Spec App Co 5/23- 4 protective condensers being shipt - To Phila- reqst test of 5-28	
			Phila - 7:1	

GENERATING SETS: BATTERIES.

Number.	Date.	From or To—	Subject.	
340719	From Card 38		~~Port - 4:26~~ ~~Phila-Weekly report 5:10~~ ~~Port-Weekly report 5:12~~ ~~Phila - Weekly Report 5:17~~ ~~Phila-Weekly report 5:24~~ ~~New Orleans-Weekly report 5:24~~ ~~New Orleans 6:12~~ ~~Phila-Weekly report 6:21~~ ~~Phila-Weekly report 6:28~~ ~~Phila-Weekly report 7:5~~ ~~Phila-Weekly report 7:12~~ ~~Phila-Weekly report 7:19~~ ~~Phila-Weekly report 7:25~~ ~~Phila-Weekly report 8:16~~	
414082	4:26	Phila	3 condensers ord to NY. request further delivery from Dubilier Co be expedited.	W
414174	4:23	John C Cooper Jr.	Asks if navy will sell any B batteries.	W
414619	4:28	Dubilier Cond Co	Antenna condenser for model 1 spark transm. request write American H Corp in con with.	W

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Number.	Date.	From or To—	Subject.	
414683 X	4:19	Bu Stand	Report on capacity of condenser sub by Dubilier Cond Co.	W
415468	5:3	TO S&A	Received back 5:31 To -orts Tel 6-10	
415494 +	4:30	Dubilier Cond Co	Reqst report of test of sample cond used on emergency transm.	W
414732	5:2	TO S&A	Reqst ship from Phila to New York of transm condensers. Shipment made-7:8	W
415629 +	4:24	MI	Fwdg prints showing off set for aluminum casting of mica cond.	W
CD 158B, 5-6			To Dub Co- reqst info re deviation made from specns 5-6	
416154	5:23:18	Western Elec Co	To Comdt MI- not desirable to modify pack as type of cond superseded by type Sub infor capacity of cond mfg by Co.	W
416156	1:22:18	Washington	Fwdg prints showing construction of box to hold dry cell batteries.	W

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GENERATING SETS: BATTERIES

Number.	Date.	From or To—	Subject.	
409049	4-8	To S&A	Req shipment fro Washn to NY radio storage batteries W	
409063	4-9	To S&A	Reqst shipment from Fleet base to Phila 75 radio batteries W To S&A- re maintenance of stock of batt. 4-11 To NY- Reqst mfg of batteries. 5:2	
395944	2/8	S&A	Submits detailed report of Navy Seca Report covering production etc. L.	672-2
410387	4-12	To S&A	Reqst shipment from Washn to Room 2432 two batteries three vacuum tubes W To S&A- req ship from Washn to Navy yard batteries and vacuum tubes. 6-9 fwd S&A 7/11	
411080	4:14	Wireless Spec App Co	Req assignment of type number to condenser left at Bureau.	W
411119	4:14	1st Dist	Req 15 copies of "Navy Type Issue Storage Boat" published by Washington Yrd. To Newport- fws 15 copies publication 4-17	L
411109	4:14	War Dept	fws copy of radio pamphlet entitled "Primary Batteries" To War Dept- acknow receipt of 4-18	W

Number.	Date.	From or To—	Subject.	
~~411461~~	4:14	Boston	Conf tel conv relative to test Dublier antenna condenser.	W
✓ 413111	4:22	Bu Stand	Fwds report on test of mica condenser furnished by Dublier Condenser Co.	W
✓ 413256	4:22	Dublier Condenser Co	Req render American RR Corp interpretation of spec of antenna series condensers in con with terminals.	A
413227	4-24	To S&A	✓ Req shipment from Washn to Phila radio stor batteries. W	
413238	4-25	To S&A	Req shipment from Fleet Sup Base to Boston Yrd of radio batteries.	W

GENERATING SETS: BATTERIES:

Number.	Date.	From or To—	Subject.	
406266	3;26	Boston	Conf tel conv in con with test of antenna condenser.	W
390393	3/26	To Norf	Have dir shipt of eng driven battery charging units for install at isolated shore radio sta for battery charging purposes W	793-5
W3A 2263	4-14	To NY	Info reqst need of type apparatus. W	
406459	3;28	Dublier Cond Co	Encls photo of stand box with insulated base.	W
406200 ⁶⁰	3-29	To S&A	Reqst shipment from Phila to Boston. two 12-KW engine driven battery charging units- contract 40670 regn 57- RE 5;19 To Phila- Tel asks status 5;27	
312852	1/26	SEE MEM 162 Shp Bd.	Pb-Tel- material shipped. 5;28 Encls cry instructions to district managers concerning use of radio storage batteries.	771

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Number.	Date.	From or To—	Subject.	
408205	4:2	Boston	Fwds special report on Dublier Condenser.	W
407415	4-3	To S&A	Reqs 30 Boston be directed to maintain stock of fifty dry cells type CBG 3535 batteries— W	
408393	4:2	Washington Yrd	Changes in design of Edison Storage battery sub quotations.	LW
408677	4:5	Dublier Cond Co	Sug Bu obtain copy of report of test of condenser from Bu Sland.	W
407417	4-3	To Norf Tel	Re batteries expressed from Washn. W	
407969	4-4	To S&A	Req shipment from Fleet Base to Boston radio batteries W	
409052	4-8	To Dub Cond Co.	Re adoption of policy of furnishing contr descrip and photos illustrating, standard navy prts, transmitters W	

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N.S.E. Form 134.

GENERATING SETS; BATTERIES:

Number.	Date.	From or To—	Subject.	
✓ 402747	3;14	Dublier Cond Co	Cond shipped Phila Yrd, req copy of cont.	W
403493	3;17	(Dub) Dutschlier, Boston	Cond not being tested, awaiting word from dept, req action.	W
402499	3- 17	To Ware Island	Request shipt of material from Hawaii to Ware Island. MI-3:28-Tel-No panels available for ship to Pearl Harbor. To MI- reqst to apply 3 of panels SO 3-18 to SO 3-15 3-31 MI-Rec action. 4:1 Tel MI-Req action 4:5 Evls prints of cond of improved construc, sub Boston for test. To Washn- fwsd copy of ltr Dub Co 3-31	
✓ 404057	3;19	Dubl Cond Co Dublier Cond Co-Req report. W 4:9	To Washn- fwsd sample cond for test 4-21 Wash 6/13 Report of test of condenser submitted by Dublier Cond Co Dub Cond Co-Req cond 7:3 American RR Corp	W
404040	3;18		To Dub Co - reqst fwd addtl samples to Washn Radio Test Shop 3-31 Dublier Cond Co- 7/18 To SEA req ship from Boston to Washn radio Co To Washn ask fwd info re iden marks before trans condenser 4-18 Req disposition of material. ret to Dub Co 7/8	

Number.	Date.	From or To—	Subject.	
✓ 404200	3:19	Wireless Spec App Co	Fwds prints showing relation of tem rise on mica condenser.	W
✓ 404529	3:20	Dublier Cond Co	Sub report of test of transm cond made at Boston fwd by Mr/ Dublier. fwd Boston 3-25 Boston-Comments on test Dublier Cond Co. 4:3	W
404895	3-20	Boston	Confirms tele convrs rel tive to Diplier Antenna condensers being tested at yard.	
386946 see 44	3-26	To Insp'r NYS	Reqs info status of Instrumns re care and preservati n of batteries-	W
405381	3:24	Boston	Conf tel conv in con with test of Dub series antenna cond. To Boston-Sample cond sub by Dublier Co 4:29	
✓ 404511	3-24	To S&A	Req shipment from N. Y. to Mare Island 150 32 volt 35 amp hour radio telephone storage batteries. RB 8:4	

GENERATING SETS: BATTERIES

Number.	Date.	From or To--	Subject.	
401630	3-8	Boston	Conf tel conv rel to voltage test on antenna condenser.	W
400175 X	3-7	To Dubilier Cond Co To Wireless Specialty Co	Fwd for info Minutes of Conference held Jan 10th re stand m.c. transmitting protective devices-	
401061	3-11	To Washn	Reqst report upon completion of tests Dubilier condenser, new spec type- Wash ind- fws report of test of Dubilier Cond Co. W 4:3	
401241	3-11	To Boston	Reqst. reports of faulty condensers and report ind, Boston-State cond not yet received. 9:27	
✓ To S&A. 12-20RB 1/8 3&A 12/30	3/5	TO CO PROLETARIUS	ask info re necessity of fwdg matrl list unless otherwise will discontinue same	689
✓ 390974	3/5			
✓ 396850	3/5	To CO MELVILLE	ask info re necessity of fwdg matrl list unless otherwise advised will discontinue same	689
✓ 396851	3/5	To CO BARNETT	ask info, ew of fwdg matrl list for unless otherwise advised will discontinue same	689
396852	3/5	to CO P. MILLER	ask info re necessity of fwdg matrl list unless otherwise advised will discontinue same	689

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Number.	Date.	From or To—	Subject.
394612	2/15	To, Wireless Spc App Co	Fwd.s copy of report of conference at BU SR 1/10 to determine and arrange 8:30 p.m. for 21 types of transmitting condensers employed in Naval Service Reqt comments W 896
401835	3:12	Dub Cond Co T	Will change quotations for 90 cond at \$145 each.
401978 X	3:12	Dub Cond Co	Req make payment of 20 mica trans cond ship to Boston Yrd for test, fws invoice. fwd Boston 3-25 Boston 10:8
402373	3:12	Dub Cond Co	Sub. infor material on hand for mfg cond req be favored with order for 3,000 to use type material also to hold up organ for. Fwd Boston 3-19 RA 3:29 To Dub Co- comments re 4-3
402292	3:12	Dublier Cond Co	Req seals of cond ret. to Co remain unbroken if same are to be accepted. W

GENERATING OFFICE

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Number.	Date.	From or To—	Subject.	
352440	10/28	Boston (CRD7) Tel	Delivery of condensers promises 30. To Post (T) Expedite reply to Bu ltr 10/24 for 10 emergency radio transmitters W	885
376908 ✓	12/10	Wireless Spec Co	Suit entered by Dubilier Cond Co cov inf- ringement on patent of mica condenser req Bu view on defendant suit W	896-1
✓ 383127 see 43	2-25	To US Heat and Light Corpn.,	Info re 120-volt 80 140 and 210 ampere hour radio storage batteries- for use on merchant ves. els- To T- asks expedite 2-21 reply to letter Jan 20th re data radio stor batteries-	
395639	2-25	To 9th Dist T	11220 supply of jar racks and leyden jars condensers to shore stations authorized-	
390054	2-25	To S.A.	Lists items on contract with Dubilier Cond Co authorizes to place in stock-	

Number.	Date.	From or To—	Subject.	
380026	2-27	To SAA	Re: shipment from NY to Phil. radio stor batteries	
398028	2:29	TO SAA	Received back 4:9	
399525 X	2-26	Chas Dushkind	*wds statement of invaluable services rendered by Sam Dubilier- Recommends be given medal if in accordance with Navy Code To C. S. Dushkind- Lines no record being made 3-7 To- no awards being made at this time 3-8	
399038 X✓	2:28	1st Dist	Sub report of receipt of defective cond from Dubilier Cond Co. To Boston- asks report 3-11 Boston-20 cond tested. 5:8	W
390511	2/17	6th Dist	Copy of ltr to NY regis expedite shipmt of radio. Matrl W	607
400656 X	3-10	To Dubilier Cond Co 8 To Boston- Dub Con reqst to sub samples, asks investi and rept 3-31 Bost 9-17 States have no record of Bur letter 3/31 referred to	Confirms verbal statement to Mr D. assigns provisional type C.1588 applying to transmitting condenser capacity 0-00mads. Dub Cond Co- wds prints and vandykes of transam cond. 3:19	
400892	3-10	To SAA	Reqst shipment from NY to Phil radio stor batteries SAA- Gives status of shipmt. 9:23 wds 3:4 9/27	
400893	3-10	To SAA	Reqst shipment from NY to Boston radio stor bat RB 5:13	

GENERATING SETS: BATTERIES.

Number.	Date.	From or To--	Subject.	
✓ 395493	2:18	Crocker Wheeler Co	Quotes prices for motor generators for 2 1/2 kw bulb transm.	W
✓ 395620	2/19	To C. Philc.	States that ship ing. instruct. are contained in ref. (a). (3 letters) RE 5:78 To-- States that manager of yards are authorized to make inspection. To-- shift. of panels from Wash. to Nor. for Navy Yd. 2/19 To-- shift. of panels from Wash. to NY for Navy Yd. 2/17 To-- shift. of panels from Wash. to Philc. for Navy Yd. 2/18 To-- Request. shift. of panels from Shire. 2/24.	
395989	2/17	RA	Asks of Bu disapproves placing order with Dub Cond Co for mica condensers	9 11
✓ 396551 X	2:18	1st Dist	Sub report on mica cond., sub by Dublier Cond Co.	W

882-1
GENERATING SETS: BATTERIES.

Number.	Date.	From or To—	Subject.
✓ 396639	2;20	9th dist.	Tel. req ^d auth. to supply 1 gyro and leyden jar condenser to each of Gt. Lake shore stations as needed W
395539	2/21	To Burgess Co. Burgess Battery Co - 3;19 To Washn- reqst report and com 4-1 Wash-Report of test on Burgess battery. 8;19	Asks to be informed when shift. made. Burgess Co-Sample of bat to be fwd for test. 2;21 To Washn- reqst exam of sample and comments re 2-28 Burgess Bat Co-Asks where shall sub sample vac tube plate battery for test. W 2;15 Burgess Bat Co-3 samples being fwd to Wash Radio test shop for test. W 2;24 To Burgess Co- asks approx quotation 3-2 States that B. draws its reqst. that steps be taken to prevent the referee from consulting the Deforest Co. to furnish data. To--States that it is entitled to indemnity for delay in consulting with the order. 2/21
✓ 396469	2/21	To Solicitor ✓	
397162	2;21	1st Dist	Req copy report cov conf held at Bu to determine and arrange inspec of transam cond.

GENERATING SETS: BATTERIES

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Number.	Date.	From or To—	Subject.
392695	2/4	3d Distr	Comm 2/6 recommends condenser units of transmitter be changed fro Leyden to those of Dublier type D 823
393010	2;6	Dublier Cond Co	Fwds print of type of mica transm cond. LW
340719	SEE CARD 43		
	Phila-Weekly report 3:8		MI-Fwds weekly report. 2:3
	Phila 3/4		Phila - Fwds weekly report. 2:6
	Norfolk-Weekly report 3:11		Boston- Fwds weekly report. 2:7
	To Boston- re discontinuance of weekly report- 3-14		Ports - 2:8
	Ship Brd-Status of storage bat. 3:11		Norfolk - Sub list of req. 2:8
	Boston 3:15		Fleet Supply Base - 2:8
	Ph-Fwds prints 3:15		New York-Weekly report. 2:8
	Norfolk-Weekly report 3:17		MI 2:8
	Phila - 3:29		PC Sd-Fwds weekly report. 2:8
	Norfolk-Weekly report 4:3		Ship Brd-Sub further information. 2:14
	Norfolk-Monthly report 4:4		To Phila- Post furnish bur if 100 addtl batteries were recd- 2/17
	Norfolk-Weekly report 4:5		MI-Weekly report 2:14
	Phila- Weekly report- 4:9		8th Dist-Weekly report 2:18
	Phila-Weekly report 4:12		PC Sd - Weekly report 2:18
	Phila - 4:19		MI-Sub weekly report 2:19
	Phila-4:16		Fleet Sup Base - 2:24
	Phila-Weekly report. 5:4		Boston-Fwds report. 2:21
			New York 2:24
			Great lakes- 2:27
			Boston 2:28
			Great Lakes 3:3

Number.	Date.	From or To—	Subject.	
392606 X	2-8	To Comdt 1st Dist	Reqst tests be made on ships antennae to determine whether series antenna condenser Type 3D-1453 manfd by Dubilier Comm. Co. may be used with 1/4 KW emergency sets, type QR-932-W. ~~Boston-Reports on experiments of Dubilier Co.~~ W. 2:24 To Boston- reqst Boston Id extend expr beyond what contained in report 3-11	
394172 X	2:11	Dubilier Cond Co	Have large quantity of mica in stock, req be consid in placing orders for condensers. To--States that B. is not in position to extend the stock of mica condensers. 2/19	W
395323	2-17	To S&A	Reqst shpmt from N Y to Boston, 40 storage batteries, L Shipment 3:27 Received back 4:5	
41715	2/18	Phila	Radio storages batteries quotes recpt of shipt orders covg 144 instead of 100 as called for by contract L	829
395539	2:15	Burgess Bat Co	Req authority to sub sample vacuum tube plate battery for test. Wash-Sub report of test of battery sub by Burgess Co- 8:11 W	LA

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GENERATING SETS; BATTERIES:

Number.	Date.	From or To—	Subject.	
✓ 388610 X	1:23	Dublier Cond Co	Req report of test antenna condensers at Boston Yrd. To Boston—Re above— 2/11 Boston—Reports on varification of experiments of Dublier Co. W 2:24 Boston 3/4	W
388582	1-27	To S&A	Repts shipment from NY to Norf- 1 Genco Battery charging unit RB 24	
✓ 388920	1-28	To Dublier Cond Co	Asks 3 vandykes of 1217A series antenna condensers Dublier Cond Co—Fwds vandykes antenna condensers. 1:29	
✓ 389361	1-28	To International Radio Tel Co—	Fwds bprints as listed	W
388903	5:17	Crocker Wheeler Co	Asks if will have test of resistance made Yrd.	at W
390054 X	1:27	Boston	Submits report of Dublier transm. cond at yard. S&A 3/4 copy of ltr to Boston reqstg establish standard stock of transmitting condensers - W	W
✓ 389782 X	1:28	Dublier Cond Co	Fwds schedule showing insulating head instal in condenser to prevent direct discharges. Asks if shall instal on future orders. To asks comments re 2-4	W
✓ 392795	2-5	Inspector Brooklyn	Conf tel conv in conn w shipment of Edison Storg Batteries from New York warehouse or signal corp W	

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Number.	Date.	From or To—	Subject.	
390389	1:26	2nd Dist	Lists damaged storage batteries available for disposition. To New York - 3 batteries will be turned into to New York for repairs 2-3	1
45228	1/14	To Phila	Transmitting condensers—reqd be advised of need of condensers and detailed statement of failings in order to replace W	629
390380	1:29	Phila	Conf tel conv in con with shipment of Dublier Condensers for 126 meter sets.	W
✓ 390798	1:31	Dublier Cond Co	Asks bureau to write letter in order to secure passport to England. To—bur has no objections to your applying for passport— 2/11	W
✓ 391059	2:1	Dublier Cond Co	Fwds cover used on all first type condensers, comments on experiment make light direct for instrud of condensers.	W
390387	2-3	To SAA	Repts shipment from NY to M Ia— 6 radio storage batteries RB 6:9	
391857	2:4	Inspr Brook	Conf tel conv in con with Sig Corps, can make shipment within 48 hours upon receiving bill of lading.	W

GENERATING SETS; BATTERIES:

Number.	Date.	From or To--	Subject.
385144	1:6	Phila	Dimensions of condensers for trans., conf tel conv. W
385252		None To M. K. Hutchinson 8:16:18	Report of complaint rec from station of elec light being split out of battery due to rough handling in transit; req elec lights in future be shipped sep package. WL
373013		SEE CARD 41	To Federal Tel Co- Bu auth use of wireless spec condensers in connection with arc type transmitters being made by Dept 1-13
385549	1:13	Sig Corps	BB-2 battery, sub info in ref to deliv of, on order calling for 7,000 Insp Brook-Conf tel conv in con with immediate shipment of batteries 2:4
386546	1-21	To Inspr NYS Inspr Gramps - 1:31 Inspr Union - 1:29 (SEE 50) To Inspr NYS, list batteries be shipt to Phila Yd for care and preservation. Await comments before issuing shpg order 2-10 ins r fr -Delivery of equip per month. 2:8 To Inspr Beth- Rost reply- 2/13 Lists info desired re Batteries required- 2/15	Asks No of radio phone batteries needed for destroyers & radio phone NYS To Inspr Gramps- ditto 1-21 To Inspr Mach- Cdt Chasn- ditto 1-23 To Inspr Gramps- asks info as to number bat - required 1-25 Insp Union 2:21 Charleston - 1:25 Boston 2:19 Inspr Gramps- asks reply to Bu ltr 1-20th and 1-25th 1:30 Inspr fr -Req issue test instruo Inspr NYS-Recs msgst beat be fwd to Ph. 2:13 To Bost n- reqst info 3-12

GENERATING SETS: BATTERIES:

Number.	Date.	From or To—	Subject.	
✓ 388266	1:22	Boston	Conf tel conv relative to stock of trans on hand at Boston Yrd, from Dublier Cond Co	W
387657	1/21	Boston	Req special allotment in conn with test mica condenser at lab of \$250	W 898
388624 X	1:23	Phila	Sub infor in con with defective condensers in transn, sub by Dublier Cond Co	
388355 X	1:23	Phila	Sub descrip of apparatus for making voltage test on productive device condensers.	W
✓ 388598 X	1:23	Wireless Spec Apparatus Co	Req spec for condensers to be held open until suggestions received.	W

GENERATING SETS BATT. RIES

Number	Date	From or To--	Subject
379163	12-21	To Dubilier Condenser Co	-I forms reg'n being issued for 85 additional type CD-3526 transmitting condensers in 4 nations, etc. 12:30 12:30 12:30
381032	12-30	Cat Phila and Bost	About to revise specifications covering condensers for purposes listed-Asks that rep be present at conference 12-30
340719	SL CARD #1 39	OVER	To GL- Fwds copy of SE let of 8-27-18 as retd 12-21-18- 1-2 To Ports- Fwds copy of SE let 8-27th 1-2 Pg Sd- Weekly report 12:28 1st Sup Base 1:2 More Island 12:27 8th Dist-Weekly report. 2:5 Norfolk- Weekly report. 1:4 Dist Radio Officer-Sub weekly report. (12) Norfolk- Monthly report 1:7 Pg Sd- Fwds weekly report. 1:4 Pg Sd- 1st storage batteries recd 1:3 9th Dist-Lists batteries on hand. 1:13 New Orleans- Weekly report 1:11 Test of condensers, recs method to be installed followed. Pg Sd - 1:13
382300	12:31	Phil Phil	Ship Brd- Fwds copy of let from American International Ship Brd Co giving info. 1:18 Ports- Weekly report 1:18 9th Dist- Weekly report. 1:19 To 1st et Sup. ly Base Brook- Only 1 report recd 1-23 To Phila- ditto 1-23 Pg Sd- Fwds weekly report. 1:18 Portsmouth- 1:25 GL- 1:23 Norri- 1:23- Weekly report. Phila- Weekly report 1:27. 12:31 Phila
361058	12/31	To S&A	Recst shipment from NY to Boston rd io storage batteries for installation on destroyers in yards 1 26

GENERATING SETS BATTERIES

Number.	Date.	From or To--	Subject.	
383127	1-8	To Firms-	Asks data as listed applying to 120 volt	
43	1-8	Could Co-Sub mat req.	BO 140 and 210 amperes hour radio storage batteries	W
		Could Stor Bat Co-Sub report	5:12 Phila Storage Bat Co-Sub infor req. 1:11	
			To Firms -Asks reply to above 1-27	
			US LIGHT & HEAT CORP-Sub infor req. 3:4	
			Phila Storage Battery Co- Fwds copy letter 1:11	
			Could Co - 1:29	
384152	1:9	Dublier Cond Co	US Light & Heat Corp-Req copy let of 1:25	W Tel
			Calls attention to results from test now being made at Phila on condensers' W	
379158	12/21	To Dist Comm Supt NY	Calls attention to tone filter and transf brought out by Telefunken Co. W.	898
383135	1/9	To Phila	You are advised the Dublier Co has fwded 3 SE 355p trans fitting condensers to points as listed. W.	type 898
340719		SEE CARD 39 OVER & CARD 46	To N Orl- Fwds copy of Bu let of ~~XXXX~~ Aug 27th	
		Boston-Fwds weekly report 1:31	To Pg Sd- Asks investigation of 1-10	
		9th Dist - 1:25	discrepancies in list of radio batteries listed 1-11	
		Fleet Sup Base-List batteries in stock	Boston-Fwds weekly report 2:14	
		To 1. In Dist- (T) Arrangements made	Boston-Weekly report 1:17	
		by Shiping Board referred to by 1-5	Columbia Gas Engine School - 1:17	
		MI- Fwds weekly report 1:21	Norfolk- Weekly report. 1:18	
		8th Dist-Weekly report 1:29	MI-Fwds weekly report. 1:13	
		To 1. Is- Asks reply to Bu let 1-31	New York 1:21	
		Pg Sd - 1:28	Marine Island 1:23	
		Fleet Supply Base - 2:3	Ports - 2:1	
		Marine Island - Fwds weekly report. 1:27	Boston 2:1	
		Norfolk- Weekly report 2:1	Great Lakes 2-4	
		Phila 3/1 weekly report	Norfolk 3/1 weekly report -	

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Number	Date	From or To	Subject	
✓ 6690	10:58	European Forces	Contract placed with local firm, cov sight a device for radio tel. w.	
✓ 70181	11:15	Boston	Trouble experienced in radio lab due to failure of radio or dr. cells and other made by American Navy from work. To Wash. Re difficulties with excessive depreciation of dry batteries 12/3	
✓ 70191 X	11:18	Boston	Micro trans condenser mfg by Duklier Co. special report on W	
339035	11/13	Army	Phone-gram in stock for radio stock of 1000 in stock.	337-1
339031	11/18	General Lead Coe	Phone-gram investigation on 11/9, re issue for radio tel. 12/12/18 and 12/19/18 Satisf---	307-1
✓ 70947 X	11:26	Dr L W Austin	Radio preliminary report on test in con with use of trans. 12/12/18 and 12/19/18 Satisf---	

Number.	Date.	From or To—	Subject.
✓ 372013 CARD 44 372554	11:18 11:29	Wireless Dev Co Co. of Comm. S. & C asked for 100 m. 7. Fed Tel Co - 1:4 To Federal Telegraph Co. Auth use of less spec condensers with arc transmitters being manf by Dept 1-14 To Mullier Condenser Co	Mica to spec condenser, req. not approve use of same. W To Federal Telegraph Co- Not in position to approve mica condensers for transmitters manf under contract 421341 1-30 To Wireless Specialty App Co- Asks that submit sample to Federal Co for test 11-30 Assigns type number CD 1453 to condenser, W
374180	11:14 11:5	Walla Street Lat Co WAA	In con. with lat project req at MI word. part complete stock and can be 1-2-30 Fwd-SAA 12/20 received back 1:1
363251	12/5	St. 1 Co.	Re. 1. apt. of spec. battery from MI Received back 12:18 To Pg Sd- Bu h's not rec'd notification of receipt of shipment 1-7 Pg Sd - 1:16
✓ 376211	12:9	Muller Cond Co	Fwds copy of various prints showing cond. To Above approved 12-14
376211	12/9	to Muller	to Muller

GENERATING SETS BATTERIES

Number.	Date.	From or To—	Subject.	
361954	10-25	To S&A	Repts shipment from Wash to Dist Control Sta Phila- 2 storage batteries	W
✓ 363924	10-22	Boston	Fwds copies of letter from John Firth in connection with tests of special Layden Jars; disapproves type. W To John Firth- copies ab tests from test conducted on 10-22-18. W W class- their let of 10-11-18. 10-31	
✓ 364563	10-31	S&A	Sub scale of prices cov mica of radio condenser which should be substituted.	
✓ 364562	10-30	S&A	Fwds letter from Wireless Spec Co and req conf of statement for their requirements for mica for radio set. W Insr Mass-Tel-3,000 mica shipped by Watson Bros to Wireless Spec Co. 1-31	
✓ 364764	11-1	Wireless Spec Co	Watson Bros. unable to take care of requirements req contry be authorized to make ship. W	
364563	11/4	To S&A	Re Mica for radio condensers IN 11-4	382

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Number.	Date.	From or To--	Subject.
365911	11-8	To Boston	re acceptance of job orders in accordance with old specfns; comments W To Boston re acceptance of job orders 11-14
367235	11-9	To J.A.I.	Re 11/1/19 To Pg Sd-Asks if above material has been recd Received back from Pg Sd 1:8 12-16
365910	11-9	Boston	Sub of amendment of specification. Re acceptance of Job Orders in accord with old specrs 12-9
367454	11-8	Boston	Conf. to cover to miss in main code for Cirth Co
367190	11/12	To Dubilier Cond. Co.	Attach. for this information by wiring showing comp. diagram for series antenna condensers.
366406	11-12	Genl Lead Battery Co.	Wiring diagram proposed to be on radio tel activity. 11-12 Sat. W
366372	11-11	Rec'd from military Co.	11-11 drawing showing inside military Co.
366644	11-12	Phila	Conf. to cover delivery of con 11-12 11-12 Co.

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GENERATING SETS: BATTERIES

Number.	Date.	From or To—	Subject.
355262	10:2	S&A	States proposed contract with Dublier Co was sub to sec and returned without sig.
355259 X	10:2	Dublier Cond Co	States that Wm Dublier is only person authorized to discuss condensers with naval dept. W
356170 X	10:5	Dublier Cond Co	Cat being gotten out showing the dif types of standard condensers and installation in use. W To — Repts for photos of radio stations not approved can use photos of condensers 10-16 Dublier Condenser Co-fwd's copy of matter to be furnished for catalogue. 10:25 Dublier Cond Co—rept. of cat. 11:17
357201 X	10-11	To Phila	Reqt copy of details re test of mica protective device condensers mfgd by Dublier Condenser Co To — 11:23: Reply to 11:17 10-11:17
357219	10-11	To N Orls	Reqt inform re radio condensers, W Received back 10:24
11712	Dec 6/18	Sec 6/18 26 848	To Fleet Corp. 12/17 Pub. Bound Weekly rep. 12/17 Norr. Weekly rep. 12/13 Mare Is. weekly rep. 12/5 Norr-Weekly rep. 5:3
To Yds—Reqt Bu be advised as to your requirements for radio batteries as at present indicated. 12/21.			To Em Fleet Corp. Asks semi-monthly report of batteries on hand at Hog I s 1-27

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GENERATING SETS: BATTERIES

Number.	Date.	From or To--	Subject.	
357709	10-15	To Radio Base N Lon	Reqs that damaged condensers be fwded Bu for ~~XXXX~~ inspection New London Base; 10:29	W
358297	10/11	Wireless Specialty Co.	Fwds table on revolution of ? ? ? center and condensing circuits	W
359959	10/18	Dul ~~lanc~~ Condens. Co.	Fwds duplicate invoice and request immediate shipment covering W	
360332	10/19	J.E. Parker	Requisition for 10.0 antennae condensers to be placed with Dulfair Condenser Co. same will be purchased under a Navy order	
357509	10/21	Boston	Re reqs that a minimum stock of radio batteries be kept in stock for shipping to vessels. 10/21	71-2
357509	10/22	Boston (J.E.) 71-2		

TELETYPE UNIT: 347-7115

Number.	Date.	From or To—	Subject.
✓ 347683	9:11	Dublier Cond Co	Req test of condenser at NY yard. W
✓ 347672	9/13	To Firth	Req test of condenser at NY yard. W
✓ 347637	9/14	To Marconi	Re ts. information listed in letter. W
✓ 347628	9:11	Boston	Sub-price paid Dublier Co. for condensers during the past six months. W
✓ 325852		See CARD 34	To Dublier Condenser Co. Commenting on test on condensers. 9/17
✓ 349799	9:16	Boston	To Dublier Cond Co-Reports failure of cond. 4:29 W Dub Cond Co-Req approval of constr. 5:23
SEE CARD 5			To Phila-Reqst condensers be tested. 4:29 W
349748	9/17	To Dublier Cond. Co. (2)	Dublier Cond Co-Eds cond to PA for test. W 5:2
350303	9:17	American Ever Ready Wrks	Confirmation of tel conv relative to prices on condensers. W

Number.	Date.	From or To	Subject.
351176	9:19	War Dept	Re: Wireless Improvement Co be given permission to use air condensers according to bureau drawings #2 To Have author, Wireless I. Co. to supply Signal Corps with 3 nav meters. 9/25
350657	9/23	To Coms. & Ind. Mgrs.	Re purchasing of Mica Condensers from Dubilier Condenser Co. W
36118	9/25	To Wireless I Co t. Rwd 10:19	States calibration of condensers will be fwded from Navy Yard Washn W 629
350719 Incl. 36	9-19	Lare Island Purser Sound Oct. 12 Submits report NY Oct. 18 Submits weekly report Boston Oct. 19 Submits report of Batt. No. 21 MI-Rwd rep 11:20 series 2/21 - 10:19 Boston-Rwd to report for week ending 25th. 10:28 MI-Rwd Submits report 10:26 Norf-Rwd weekly report. 11:1 MI-Rwd report. 10:25 Boston-Rwd weekly report. 11:1 MI-Rwd report. 11:6	Submits reports for radio purposes Forwarded Submits report of 9th Dist 12:7 MI - 920 MI-Rwd report 11:19 Norfolk Sub data on storage batteries held in stock. W 9:28 MI-Rwd weekly report. W 11:19 NY - Sub report - 9:27 Boston 11:19 Report Boston - 28 Sept P. Rd - 11:18 MI-Rwd weekly report. 10:1 9th Dist Rwd of NY Oct. 11 Submits report P.S. Oct. 5 Submits report 11:20 Lare Island Oct. 5 Submits weekly report Lare Island Oct. 7 weekly report Norf 3:22 Norf. Oct. 10 Lists storage batteries held in stock Boston-Rwd report Oct. 10 Rwd correspondence in connection with shores msg by John Birch. W
354025	9:27	Boston	
354132	9:18	MI	Rwd print showing scheme audion bat. W. To Standard charging equipment is being developed- need for above suggestion not evident 10-14

Number.	Date.	From or To—	Subject.
339732	8/21	Wireless Specialty Appts	Co-T-rast early disposition on primary mica condenser matter have 200 condensers made up. W. To --- (2) 8 t. r. cond. with del. antenna condenser sets. 7/23
338283	8/22	To Exper. Sta. NL. (T)	Ask why 55 mic. condensers desired. W. To --- (1) 20 ton Adm. size ship 55 mica condensers for Exp. Sta. 6/23
338025	8/23	To Elec. Storage Co.	ack. recd. all lot. of 1/13
339701	8/23	To Wash.	Give instructions for testin. condenser. W. To --- (1) 8 t. r. cond. 8/30 To Wireless Apparatus. comments on sample mica condenser, 10-11
340095	8/24	To S&A	Re ts. ship. of radio apparatus from Boston to 6 for Exp. Sta. NL. 1
34104	8/29	To J Firth	Re testin. Class Leyden jars W3
344695	8/16	Radio Test Shop Wash	Elec light for a bat will be shipped in separate container to European ports in future.

RECEIVING UNIT: R.T. 1133.

Number.	Date.	From or To—	Subject.
✓ 346262 X	9:7	Dublier Condenser Co	Trans letter from former engineer for furnishing comments on their condensers. W
✓ 316030 ²⁵ +	9:6	Boston	Wireless speciality and Dublier condensers this report on test. W
297203		See CARD 30	To Norf. (T) Asks if can now supply NO. 9/7
346467	9/10	To NY	Reqt. that condenser be tested at earliest pos. date. W
347001	9:9	Boston	Dublier Cond Co confirms tel conv rel to prices.
347226	9:5	Boston	Sub stock of condensers W ~~One unit of stock is deployed to terminal station 1/10~~
✓ 348334	9:12	NY Sup Co	Offers radio battery cells W To S.A. not interested in it. R. 9/10

Number.	Date.	From or To—	Subject.
332662 X	7:27	Boston	Wds report on condensers. W
333822	7:30	Phila	Conf tel conversation relative to condensers in stock at Phila.
✓ 334605 +	8:3		Sub characteristics of Western Elec Condensers in stock at Phila. W
✓ 335762	8:1	Willard Storage Bat Co	Sub quotations covering batteries.
✓ 335145 X	8:9	To Dublier C. Co.	Pl. 1118 print and inc. 100 ft. of wire. Dublier Conds Co - 8:14
✓ 335145 X	8:11	To Dublier C. Co.	Con. wire - 100 ft. of wire. Dublier Conds Co - 8:14
		Dublier Cond Co 9:9	Dublier Cond Co - 9:10 - 100 ft. of wire. Dublier Cond Co - 9:13

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GENERATING SETS: BATTERIES:

Number.	Date.	From or To—	Subject.
✓ 329776	7:19	Boston	Confirms tel conversation in connection with turning over of radio laboratory, 60 condensers for test 5 k w set. W
✓ 330564 X	7:24	Boston	Confirms tel conversation rel to instal of condenser on Wireless Spec Apparatus Co sets. W Confirms tel conversation 7:24 To—(T) Report not rec'd. 7/31
330606	7:25	Phila	Charging panel for battery, fws vandykes. W
✓ 330879 X	7:29	To Western Elec. Co.	Repts. catalog & descriptive letter of test Elec Co. fws list of standard and special paper condensers. W 9:16
✓ 331013			To Western Elec. Co. Assnt. of type F to battery charging panel for storage batteries confirmed 7/30
✓ 331319	7:27	GE CO	Fws combination condensers and leaks for e. ination. W 7/27 To GE Co. - Combination condenser outlays ship 7:27 To GE Co. fws. report. 8/28

Number.	Date.	From or To—	Subject.
✓ 331304	7:25	Inspir. Lass	Mica condensers mfg. by Wireless Spec Co. This report of Lt. Lewis in connection with the Boston. Author. to co-operate with the U.S. Co. in manf. of mica condensers. 8/9 S.A. Co. gives results of investigation on manf. of mica condensers. 7/10
✓ 331732	7:25	Dublier Condenser Co	Reest requisition covering 300 mica condenser similar to model left by expert findings.
319425	7:24	Pg 3d	CARD 33 Mare Island - 8:2
222859	7:26	Phy. X	ad. if estimate cost in let of 7/18 in 1931 surf. crew serve for rate 048
✓ 333581	7:30	Philadelphia	Confirms tel conversation in connection with condenser stock at Chile Yard, 2518. if suitable for use for British apparatus.
332659	7:31	Cruiser Forge	Rec all vessels of cruiser and transport force be equipped with transmitter operated by storage battery. 8/21 received back 8:25 To Coms &als. Re storage batteries for emergency radio transmitters. 8/31

COMMUNICATING SETS: BATTERIES

Number.	Date.	From or To—	Subject.
324929	7:9	New York	Sub. status of radio batteries at yard, shipment order should be left with man in charge at yard. 7
✓ 324744	7/11	To Dubilier Cond. Co.	Reqtd. you advise yr. requirements for mica. Gives report of mica. 7:16
✓ 325578	7:9	CO. 1115	Edison Storage Battery Co sub report on explosion. Cross to 607
	7:9	Atl Sub	Ed. Wash. 7/13 received back 9:19
		Batteries used with Vacuum Tubes	To E. Is. - Yds and Stations gives precautions to prevent explosion in Edison Storage
		To Boston Oct. 15 Copy back 2nd 10-15	Reqts. to inform E. re their requirements for mica. W
		To East RR and 10-18 outlining error in Bu list of 10-18th 11-1	To A. T. Stores, NY. Re checking up condensers V. stat. of mica. 7/13
✓ 324745	7/12	To Wireless E. A. Co.	Navy Bld for Commandering - 7:27
		To 324745 report. 2nd 10-15	Best place order as soon as possible for 24 mica condensers. W
326897	7/16	New Orleans T	To NO (T). Condensers will be expressed from Boston 7/17
		To 324745 (T) that tracer be substituted for 2nd 10-15	To 324745 Repts. shipt. of mica condensers from Boston for Nav. Sta. to NO. 7/18
		To 324745 Repts. shipt. of mica condensers from Boston for Nav. Sta. to NO. 7/18	A proprietary re vis. to being returned for 50 mica condensers. 7 Dublier Cond Co 9:4
326897	7/16	To Dubilier Condenser Co.	Dublier Conds Co 7:17
CARD 38	7:18	To Dubilier Condenser Co.	Asks if condensers can be modified 8/30 to tests to be in Phila. 9/3
326749	7/17	To Dubilier Cond. Co.	ack. rect. of shipt. of mica condensers. 7/17

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N.S.E. Form 134.

Number.	Date.	From or To--	Subject.
327360	7/18	To S&A	Repts. shipt. of radio apparatus from Wash. for S to Norfolk. To S&A Repts. shipt. of radio apparatus from Wash. be cancelled. 7/25
327508	7/16	Norfolk	Reqs. yard be furnished with 10 storage batteries mfg U S Light & Heat Co. W To B. has ordered 10 add. batteries for Norf. 7/19
327745 X	7/17	New York	Exds. prints of antenna condensers. W
328294	7/20	To Boston (2)	Author. issue from stock to Rad. Lab. Boston 50 condensers.
328349	7/20	To Mass.	Exds. copy of report subd. by Lt. Lewis.
328927	7/19	G E CO	Exds. prints showing outline of condensers. W
328725 + To S&A Re al	7/20	Dublier Condenser Co	Information pertaining to antenna condensers on 1 and 5 k w sets submitted to radio shop New York W To - Commenting on box. 7/25 To - Gives data on v. line of voltage. 7/26 or variation in battery #763 and for non- air. tested.
328725 7/24	7/24	To Boston	CCS-1

Number.	Date.	From or To--	Subject.
313280	6/18	New York	Submittal of test on condenser of Miller Condenser Co. W
317572	6:15	Luthy Storage Battery Co.	24 bolt storage battery for circuit of electron delays, twds section of celluloid container for bureau's comments. W
	6:2		Elec Storage Battery Co. - No report 6:26
307750	6/25	To Boston	States that GE Co. should not be encouraged at this time in further development of oil condensers. W
319425	6/25	To PS	Reqs. to examine list given for storage batteries to see if sufficient. WB
		PS 3d: Sub estimated number batteries which will be needed W 7:11 Norfolk - List storage battery material in stock W 7:20 PS 1a - Sub list storage bat reqd	to Same as above. 6/25
319924	6/25	To SAA	Reqs. shipt. of condensers to & for Wash. from Boston. W
			To SAA Reqs. shipt. of radio return from W received back 9:30 6/20
			To SAA Re ts shipt from Wash to Wahn- 10 Mica transmitting condensers 1-8

CARD 35

GENERATING SETS: BATTERIES.

Number.	Date.	From or To—	Subject.
320616 X	6:24	Dublier Cons. Co.	Reqst Insr Brooklyn Yard in connection with test, of condensers. W To NY. Gives instruct. re test of condensers. 6/28 New York 7:8
320604 +	6/27	To NY	NY-Report of further test. Reqst Vandyske of oil condensers to withstand undampened voltages. W New York - Fwd's prints 7:15 To C. O. Flax. re of 7/19 New York - 7:27 Fwd's vandyskes.
320930	6/29	To Domestic Eng. Co. (T)	Advise earliest del. to plants 120 volt similar contract 1774. W
323720	7/8	To Dubilier Condenser Co.	Asks when condensers may be expected. W Dubilier Condenser Co 7:10
324210	7:6	Dubilier Condenser Co	Reqst fwd requisition covering 300 mica condenser radio for ship 7:12 W
324952		Shipping Board <u>WRONG ENTRY</u>	Reqst bureau rep. be present at conference on 7:10 in connection with test tools for electric welding to be held at Phila. W
324952	7:9	De Peruse Pearsall Silver Co	are in position to turn out jars etc. W To - Not advisable to attempt at this time increasing the source of supply of jars. 7/15

GENERATING SETS: BATTERIES.

1013

Number.	Date.	From or To--	Subject.
✓ 277640	5-25	TO 32	First shipment from Norfolk to Boston rad. storage batteries-- To Boston. Asks if rad. apparatus rec'd. 6/31 received back 9:6
31177	5-21	TO 32	Washington Yards 7:1 - Evds report on test of condensers supplied G. E. Co. To G. E. Co. gives reasons why condenser not satisf. 7/9
31177	5-21	Phone NY	
313337	6/2	Bost	Wireless specialty mica transmitting condensers cost of breakd wn due to excessive heating - "
313556	6-6	To (T) Grt Lakes	Norfolk shipped 5 batteries 140 A H May 31st B/L 14435- Adams Ex-W
31367	6-6	TO 32	First shipment from Boston to Wash. Yards-- condensers to Wash. Yards--in re of 40 shipped-- to Wash. Yards--in re of 40 shipped-- Washington - Sub report of Wireless Spec. Co mica condensers. 8:12

Number.	Date.	From or To—	Subject.	
313034	6-6	To Films	Mails copy of specifications for test meters/—meter control switches and —meter batteries to Wash.—ditto	78
313006	6-5	Boston	Conrad has telephone conversation in connection with shipment of two wireless specialty— condensers to Wash. for test	18
313037	6-5	Boston	Conrad's telephone conversation in connection with shipment of condensers to Wash. for test	
316109	6/11	Gen Elec Co	Rest return of motor v. l. c. cond user for tests of same completed. W Ed. Wash. 6/15	
316986 X	6/14	Ed Dubilier	Mails copy of London Eleen call in attention to ad showing capabilities of mica condensers supplied to British and Allied Govts.	

GENERATING SETS: BATTERIES

Number.	Date.	From or To--	Subject.	
301108	4-27	To NY	Radio Tel. Drawings of 1 & 2 K W Quenched Cap and condenser mountings--	
298781	4/24	To Boston & Yards	Radio Telegraph--Cancellation of app. of chloride of silver dry cells.	876
309919	4-25	To Dubilier Condenser Co-	In re defective condensers furnished Bost-W	
304421	5/3	Dubilier Condenser Co	Submits report of test of condenser which showed only a temperature rise of 5% at the end of 2 1/2 hours. W	
303692	5-4	To Comdr. Castle-	Asks to expedite war. delivery 140 Ampere hour storage batteries for the W Div- W	
304740	5/7	Willard Stor Bat Co	Request definite dimensions of additional type of radio batteries be added to specs 17B4A. L	607-1
298782	6-10	To Boston	Dubilier Condenser Company -- reqst report on condensers	898

GENERATING SETS: BATTERIES

Number.	Date.	From or To—	Subject.
305016	5-9	To Weston Elec Instr Co	Would appreciate if P. Lowenstein could month longer 5-9 Weston Elec. Instr. Co 5:24 to Weston Elec Co - West all right
306643 X	5:13	^P Hubbiller Condenser Co.	Special design of Meca Condenser of 10 sections being fwd. to Washington. Submits prints of. W
306946	1:23	Inspyr Cramps	Lists batteries on hand.
302750 X	5:16	Boston	Fwds special radio report on test of oil transmitting condensers. W
308234	5:10	Mare Island	Reots authority for shipment of condensers. W to Washington from Wash to Mare Island Shipment order 5/22 R B from Cincon - sent in error - W received back 7:29
308429	5-18	Phila	Fwds vandytes of Elec Stor Bat Co draw- ings showing charging panels for oxide batteries. W
134	5/21	John Firth	Lyden - are capacity of - request greater variations be allowed - states that 500 ready for immediate shipment have been rejected.

CONDENSING SETS; BATTERIES.

Number.	Date.	From or To—	Subject.
287717	5-7	To NY—Mica Condensers mford by Dubilier Co—Not uniform as to values of capacity—5-5 To Dubilier Condenser Co—5-4 To Bost—in Dubilier Mica Cond. 5-4 Dubilier Condenser Co—1/7—referred condensers may be returned to Boston. Boston—Fwds list giving serial numbers of condensers.	Dubilier mica condensers—reports on de- fects in—Report that Boston v. have contracted for 3 rejected condensers. To test Dubilier Company can be prevented from delivering them to other companies. To NY—Instrns re acceptance of c ndensers. 3/16 To Dubilier Cond Co—Reqt infor re procedure followed in re rejected condensers at Bost. 4/20
288743	3/13	New York 6/13 To Bost	Test of mica c ndensers. Reqt infor as to why specns for tests of were not carried out. Boston-mica transmitting condenser mfgs claim test reqd detrimental to condenser—states are now making test at 12 amperes.W
290058	3/16	Insp r Phila	Reqt condensors - comments on special Report's on. To—Detailed comments on 3/22 Bost-fwds blueprint copy.W 3-27 Specns 17D4a-fwds letter from Lt. Dunn recommending standard type markings for radio batteries be included.W To—Disappvs recommendations. 3/25
291300	3-12	Miller, Reese, Hutchinson	Report shipment of #2 and #4 condensation to Bost. 3/12/28 To—Acknowledges. 3/22
293120	3-27	Dubilier Condenser Co	States have made improvements in the method of refining impregnating compound, and be- lieve suitable for offsets of long wave lengths. W To Boston. Asks report on performance of condensers. 7/30 Boston—Fwds report of special dubilier condenser 8:20

GENERATING SETS: BATTERIES. 882 -- 1

Number.	Date.	From or To--	Subject.
295835	4/8	To Firms	Fwds drawings for use in bidding on Receiving condensers on Regn 1815. W
297203	4/10	Norfolk	Auxiliary searchlight storage batteries equipment charging panels for recommends be not mfgd by yard, asks when delivery may be expected. W
See CARD 37		Norfolk recommends smaller resistance be specified for panels. W 5:12	To Betts & Betts--(T) Request delivery status of 4/22 Norfolk - Request bureau arrange for ship to Trumbull Elec Co--Ditto (T) 4/22 of panels as listed--5-14
295853	4/12	To Marconi Co	Fwds Vandykes as listed of drawings for use in bidding on Standard Navy Receiving Condensers. W Wireless Impr Co--return Vandykes. 4/12 Century Tel Co--20
298374	4-12	Chasn	to Century Telephone Co-- Cannot comply with you request to submit condenser for testing inspect, asks that they complete estimate of condensers 5-9 Rotary condenser - forwards vandykes. W
30866	4/15	Wireless Spec App Gc T	Request permission to deliver 75 2 Kw sets without condensers - condensers to be supplied from Boston Yard. W 629
300497	4-17	Sperry Co	Returns prints of variable condensers. W

GENERATING SETS: BATTERIES.

Number.	Date.	From or To—	Subject.
274017 To 2/13	1/17	To Nat'l Carbon Co	Reqd dimensions, weight and operating specs for sealed in unit dry batteries which are supplying Signal Corps. W Nat'l Carbon Co-2/2 Nat'l Carbon Co - letter was answered 2/2 - W
274307	1/17	To Crocker Wheeler Co	Reqd Vandyke each of assembly drawing of type numbered machines as listed. W Crocker Wheeler Co - W. 3-5
274426	1/18	To Domestic Eng Co	Returns invoice for Delco Battery charging set. Direct fwd to NY. W Co 1-23
276050	1-22	War Dept	Specs for standard B battery. Signal Corps Type B-2 - fws - W
276396 ✓	1-14	M Is	Condensers - reports - fws tabulation shown. W To Post - Submits above report. 1/29 To Dubilier Condenser Co - Ditto. 1/29 Dubilier Condenser Co 2-4 Post 2-4
277253	1-21	Phila	To - Submits report on variation. 2/11 Confirms telephone conversations relative to condenser jars for destroyers. W
278017	1-28	Phila	Confirms telephone conversation relative to additional condenser required in antenna circuits. W
275000	1/18	Marconi Co	Crocker Wheeler Mot generators - reports on status of delay in securing request for assistance. W

GENERATING SETS: BATTERIES. 882 - 1

Number.	Date.	From or To—	Subject.
✓ 278338	1/28	War Dept	Signal Corps type B-A -2 dry battery used for vacuum tubes - fws specifications - W To—Acknowledges. 2/4
✓ 278047	2/9	To S&A	Reqt shipt of mica condensers from East to Phila for Radio Lab. W
281962 X	2-14	NY	Reports receipt of request from Sayville for the manufacture of condensers - states no facilities at yard. W Fwd Phila. 2/21 - RE-3-11 Fwd NY 3/18 To NY—4/4
✓ 281354 31	2-27	Washington	Clearing panel for Edison storage batteries - submits sketch of proposed. J. J. C. S. 500 To—Appvs reqn covering. 3/18
281354 X	2-2	Dubilier Condenser Co To—will loan trans set. 4/5	Request permission to examine a German paper condenser. Fwd NY 3/6--RE993/16 To—3/20 Dubilier Cond Co-2-23
265540 SEE CASE 27 To Chloride of Silver Dry Cell Bat Co—4/13			To Chloride of Silver Dry Cell Bat Co—Comments on apparatus. 2/4 Chloride of Silver Co-fws prints. 77W To Chloride of Silver Co—3/20 To Wash—Fws cells. 3/20

GENERAL LOG SHEET. BATTERIES.

Number.	Date.	From or To—	Subject.
✓ 271845	2/13	To Moorhead Lab	Order for tubes similar to those submitted by John J. Aurynger is to be cancelled. W
✓ 272703	2/9	To Liberty Elec Corp	Submits report of test on sample mica condenser.
274298	2/28	To Bost	Rest for add'l apparatus for testing mica trans condensers. 2/28 Boston-1 log be furnished with one low transm set. W
272498	11-5	To Boston	Rest for additional apparatus for testing mica condensers W

[illegible]

See Duplicate card
1817
same no.

GENERATING SETS: BATTERIES.

Number.	Date.	From or To—	Subject.
✓ 267350	12/15	To General Radio Co	No condensers having type number CB 192. Will not purchase field type radio sets except those with parts which have been standardized.W
✓ 268132	12/10 12/15	Gould Storage Bat Co ~~SEA~~	Fwds descriptive bulletin of seastorage batteries for reserve radio equipment.W
✓ 268526	12/18	?? <u>McDonald</u>	Request information relative to furnishing condensers for Newport Training Station.W To—Given info reqtd. 12/29 To Newport—1/17
✓ 269546	12-20	Bost T	Request authority to ship mica condensers to "get sound".W To—(T) Apprs. 12/21
269160	12-18	Pensacola	E. J. Simon: request test and report on transmitter condenser CD 158.W To—Directs test condenser 12/28 Pensa all radio test apparatus transferred to Langton Roads 1-5
✓ 269247	12/22	Gould Stor Bat Co	Batteries for radio-reports certain mark marking of specifications.W To—1/5
✓ 269437 X	12/24	NY	Mica condensers—taken from Marconi contract 669-1/2 and turned into store.W
✓ 269028	12/27	To Firms	Fwds specns RE 13A 259A. W K&C Co 1-4 To K&C Co—Fwds add'l specns. 1/16

GEN SETS; BATTERIES. 882 -- 1

Number.	Date.	From or To—	Subject.
✓ 270821	12-28 1-2	Thomas C Edmonds & Co S&A	Offers condenser glass.W To—1/5
✓ 271017	12-14	E. Watson	Mica; relative to arranging prices to secure better quality.W
✓ 271412	12/11	Miller Reese Hutchinson	Fwds description of design of battery.W To—1/10
271845	1-5	Dent Commerce	moorhead laboratories 2-4
Do. will replace. Ask price paid for 1/23			Detective condensers; fwsd copy of letter from J. J. Auringer relative to test of.W
To Wash. 1/23		To Moorhead Lab—Directs	To—Comments on tests of. 1/19
271650	12-31	manif bulbs. 1/23 Co	To J. J. Auringer—A. paratus broken in store. Request action be taken in connection with their substitute for mica condensers for spark sets.W To Bost. Fwds above letter with comment. 1/7 Bost 1-16
271742	1/5	To M.R. Hutchinson	Acknowledges receipt of descriptive matter of Edison B battery. W To—(T)Directs stop work on certain cells. 1/26 To—Comments on. 1/31
✓ 272703	1/12	To Bost	Rest of sample mica condenser made by Liberty Elec Corp. Instrns in connection with. W Bost - submits report of test on sample mica condenser submitted by the Liberty Elec. Corp - 2/2 W
✓ 273982	1/18	To Yards	Directs report quantity 140 and 210 ampere hour radio stor batteries available. W
Is (T) 1-18			Page 3d (T) gives number available 1-17
Nonr-reports number in store. 1/17			NY (T) gives storage batteries on hand 1-18
✓ 274298	1/15	Babiller Condenser Co	States in future before drafting new type transmitting condenser they should be tested for at least 6 times on different days.W
To Bost—Instrns re test to carry out. 1/22		Bost 1-30	
To—1/22			

GENERATING SETS; BATTERIES.

1917

Number.	Date.	From or To--	Subject.
264170	To--1/8 11-27	To Acknowledges receipt of Dubilier Condenser Co	Dubilier Co--3/14 Vandykes listed.1/11 New sample condenser submitted to Bost Yd; fwsd curve showing comparative test; quotes price; request orders.W To--Comments re test so far.12/11 Co 12-14
264121	To--12/29 11/22	Bost fwsd report on test 12-29 Dubilier Condenser Co--fwsd Vandykes.1/4.W M Is	Standard Leyden jars for stock-request shipment by express 250.W To Bost--Directs ship 250 leyden jars to M.Is. by express.12/3
264119	11/27	Dubilier Condenser Co	States John Firth has resigned as President of the Company.W
264067	11/17	M Is	Mica condensers for 20 kw arc sets-request shipment for test-states Leyden jars unsatisf. To S&A--Reqt ship of mica condensers from Bost to M.Is. 12/3
265459	12-5	NY	Charging panels for installation storage batteries; request vandykes.W To--fwsd Vandykes as listed.12/11
265540	To 12-1	Bost	Type SE 595 primary cells; fwsd report on serviceability of.W To Chloride of Silver Dry Cell Bat Co-- Summits report on.12/21 To Wash--12/21
265473	Washn--2/16 12/5	Chloride of Silver Bat Co--2/26 Chloride of Silver Co.--2/28 To Dubilier Cond Co	Summits report on.12/21 CARD 29 fwsd blueprints of drawing RE 31AA 105B. W
264170		AROVE	Dubilier Condenser Co fwsd vandykes 1-10 Dubilier Condenser Co 1-12 To Dubilier Cond Co--Assigns type numbers.2/5 Dubilier Condenser Co--fwsd vandykes. 2-7 To Phila--2/16
		Phila--no samples have been submitted.3/7 To Dubilier Cond Co--ask when will submit protective device to Phila for test.3/13	

GEN SETS; BATTERIES: 892 - 1

Number.	Date.	From or To—	Subject.
✓ 265836	12-7	Dubilier Condenser Co	Request specifications covering mica transmitting condenser W To—Fwds specs. 12/31
✓ 265837	12-7	Dubilier Condenser Co	New type protective devices and transmitting condensers. reports on test of: states representative will be in Washington on Monday W
✓ 266230	12-7	NY	Condenser jar racks: fwds copy of letter from Marconi Co requesting information. W To—12/29 To Marconi Co—12/29
✓ 266675	12-11	Dubilier Condenser Co	Request authority to purchase radio equipment for testing m.c. condensers. W Fwd NY—12/17 - RE-2-29
✓ 266731	12/11	Dubilier Condenser Co	Request permission to publish photograph of Marconi equipment in the "Wireless Age". W To—Reqd copy of photo first. 12/14
✓ 267674	12/15	Sanitary Telephone Cons Co	Standard condensers—request prints. W Fwd Wash—12/28 R 1-18 To Wash—Reqd Vandykes of receiving condensers. 3/1 3-11
✓ 265912	12/14	To Dubilier Cond Co To Wireless Spec App Co	Directs fwd to E.J. Simon sample of latest type mica condenser for use with airplane radio trans sets. W Dubilier Condenser Co 12-18 Wireless Spec App Co 12-19
✓ 267903	12-4	To E.J. Simon—12/29 E.J. Simon replies to tracer and fwd copy of their letter of Jan 4 Lalley Electro Lighting Co	4 in reply to BU's letter 2-5 60 volt battery to be used in connection with Dilecto gen sets; request opportunity to submit bid. W To—1/2

GENERATING SETS: BATTERIES.

Number.	Date.	From or To--	Subject.
260053	11/7 11/10	Bost SEA	Reports on difficulty in meeting demands of various yards for leyden jar condensers; comes up on request from M is for 2400.W Fwd SEA--11/13
✓ 260053	11/9	Wash	Fwds report on test of mica dielectro condenser submitted by John Firth for the Dubilier Condenser Co.W To Dubilier Condenser Co--Fwds copy of report of test.11/13
✓ 260052	11/9	Wash	Request yard be authorized to manufacture air condenser for testing antenna condensers for arc transmitters.W To--Auth manuf and install.11/13
260549	11/12	Bost	Dubilier mica condenser designed for use on aeroplanes; fwds report on.W
✓ 260535	11/13	Amer Mica Wks	States are manufacturers of mica films for condensers.W To--Ask how many pounds of mica can supply per month.11/20 Cc 11/22
260771	11/14	NY	Fwds sheets covering Dubilier mica condenser for Bureau numbering.W To NY--Fwds blueprints showing Dubilier mica condenser.1/8 To NY--Fwds Vandykes of drawings listed.1/2
✓ 260856	11/13	Memo for Lt Daubin	Relative to making requisition for 350 storage batteries, to be used as auxiliary power for radio set.W To--Directs make reqn for apparatus listed.11/13

882-1: GENERATING SETS: BATTERIES.

Number.	Date.	From or To—	Subject.
~~261343~~	9/22	Lalley Electro Lighting	Corpn. Fwds report on test of Gates sur-charging method-recommends Mr Gates con-tinues developments of this method using the Zenith carburetor.DA
262160	11/20	Miller Reese Hutchinson	Reports designed small cell for use in audion work.
To—assignments t Miller Reese To—1/8	pe number.12/28 Hutchinson-fwds prints/1/2		To Wash—Comments on.11/24 To—11/24 To Wash—11/28 Wash 12-3
262576	11/23	To Wireless Spec Ap C To Dubilier Cond Co.	Fwds prelim copy of specs for mica trans- condensers. W
262908	11/22	Wireless Improv Co.	Mica condensers for spark gaps sets-fwds temperature rise curves.A
263140	11/24	Dubilier Condenser Co	Fwds copies of orders which they have with Watson Bros for mica; calls attention to increase in price 11/2.W
263772	11/27 To—12/22	Dubilier Condenser Co	Mica transmitting condensers; recommends Dept use 2 standard CD 15B condensers in lien of one standard and one special when used in series.W To Best—12/22
263785	11/27	Sperry Co	Edison type battery T-2 for use on trans- mitters-fwds curve showing performance of.11W

GENERATING SETS: BATTERIES: 882-1

Number.	Date.	From or To—	Subject.
✓ 252392	10/1	Miller-Reese-Hutchinson Incorporated.	Asks if Bureau contemplates ordering any design storage batteries for audion reception work. W To Wash—Fwds above letter. 10/3 To—Referred to Wash. 10/3
254560	10/12	NY	Jar rack condenser; refers to report from Bost., showing that old type is being manf. W To Bost. 10/23 Bost 10/30
255046	10/13	Bost	Recommends changes in radio specifications for testing mica condensers. W
✓ 255310	10/14	To F. Lowenstein	Standardization of parts of radio apparatus subject to wear. Lists contrs. and asks if will standardize. If not will cancel all royalties on contr. W F. Lowenstein 10/23
251624	11/12	To Gould Co., Elec Stor	Bat Co., Regt Vandyke covering all details of batteries on contr 629. W
To NY—Fwds		prints with comment. 1/3	Elec S B Co 11/14 Elec S B Co 11/17
256773	10/24	E. J. Simon	Special Dubilier aeroplane condenser; fwds copy of report of test made by Dubilier Condenser Co. W To—10/30
257099	10/25	Cond NY	Condenser racks for 10 kw radio transmitters; fwds copy of letter to Marconi Co relative to change in W
To NY—Give action. 11/10			To F. Lowenstein—Appvs changes rec by NY. 11/10
NY fwds prints 12-13			To Marconi Co—Ditto. 11/10
✓ 255420	11/1	Wireless Spec Ap Co	Mica condensers—fwds report on performances under service and test—fwds curves and detailed report. W

GEN SETS: BATTERIES. 882 -- 1

Number.	Date.	From or To—	Subject.
258669	11/1	Wireless Spec App Co	Fwds prints showing proposed design of mica condenser. W
258833	11/5	Splitdorf Co (Elec)	Radio condensers—regt sample condenser for experimenting with paper in lieu of mica. To—Gives info re elec requirements and tests. 12/6
259118	11/7	Natl Elec Sup Co	Request action on inquiry relative to use of Dubilier condensers on contracts 38771, 737, 30023 and 155. W
259174	11/7	Dubilier Condenser Co	Stopping condensers for receiving sets—quotes price regt set of prints. W To Wash—Ask if need condensers. 11/9 Wash Yd—11/15. To—No need of stopping condensers. 11/21
259449	11/3	Pug 3d	Request Bost be authorized to ship Dubilier mica condensers for stock. W To S&A—Regt shipt of condensers from Bost to Pug 3d. 11/14
259529	11/8	Thomas C. Edmonds Co	Offers special condenser glass W To 11/10 Co 11/14 To 11/19
232199	SEE CARD 22		To Wash. Ask when test will be completed. 11/7
259734	11/8	GE Co	Oil condensers—submitted Boston Yard—request result of test. W GE 11-28 To Bost—Directs submit prelim report. 12/11 Bost 1-9

GENERATING SETS: BATTERIES.

1817

Number.	Date.	From or To—	Subject.
✓ 243844	8/14	Dubilier Condenser Co	Gives dimensions of a variable condenser being developed in connection with specifications 1341125.W To—Wash Yard will test. 8/20
✓ 243869	8/1	Dubilier Co	Fwds prints of mica transmitting condenser. W
✓ 244035	8/21	Dubilier Condenser Co	Have request from Sperry Co for stopping condensers for short wave receivers; quotes price for dies and request that arrangements be made for them to supply condensers to all manufacturers who are supplying these receivers. W Fwd Wash—8/27 RS 9/11 To Wash—Directs prepare drawing. 9/25
✓ 245434	9/21	War Dept	Gives list of items being purchased from Miller Reese Hutchison, Inc; states material for transports and recommends that Navy Dept cancel order and advise contractors that material should be held for Navy Dept. W War Dept fws copy of Signal Corps order 9213, covering purchase of batteries and panel boards from Miller, Reese Hutchison 8/25 To Signal Officer—Rec cancel cent. 8/27
✓ 246336	? 8/27	Post ?	Mica condensers for radio laboratory; request authority to withdraw 20 from store. W 916-3

GENERATING SETS: BATTERIES. 882 - 1

Number.	Date.	From or To—	Subject.
✓ 247395	9/5	To Dubilier Cond Co	Trans condensers types CD 54 and CD 157 have been superseded as standard by CD 159. W
247778	9/5	Dubilier Condenser Co	Mica; request Bu's assistance in securing release of cut mica in London. W To S&A. Recommendations re purchase of mica. 9/7 To S&A. Detailed recommendations. 11/27 S&A fws letter from War Trade Board, explaining mica situation 12-7
✓ 249713	9/15	Post	Factory of Dubilier Condenser Co; fws report by radio expert with particular attention to amount of mica on hand, amount of contracts placed for mica and fws photographs and prints of various apparatus. W
✓ 249912	9/16	NY	Condenser jar racks; fws vandykes. W
✓ 250585	9/20	Dubilier Condenser Co	Transmitting condensers; fws print. W
250627	9/16	Chasen	Reports receipt of main condenser jar racks without letter. W
✓ 251568	9/27	F. Lowenstein	Request Navy Dept purchase 50 condenser racks made from old Navy standard drawing for 10 kw sets. W F Lowenstein-reqt action-10/3. To 10/9 F. Lowenstein quotes price 10/23 [over]

GEN RATING SETS

1920

Number.	Date.	From or To—	Subject.	
480327	3/10	To Comdt M. Island	Mds drawings, gen set and by rangl. regstd in letter of Feb. 10th 1920.	W
626966	5/9	To Norfolk	Delco elec. Units Reservation of for radio Compass Stations	882-3
600691	882-1			

GENERATING SETS:

Number.	Date.	From or To--	Subject.
335198	8:5	2nd Dist	Reqt radio apparatus for radio station at Newport.
938	8/21	Westinghouse	In comm w Westinghouse Co replacing cast iron housing and turbine blinder with steel castings on generator sets on BRIDGE 829
938	5/2	Inspr Westinghouse	Fwds inspection reports on 25-KW Turbo generator sets 938
359484	10-16	To S&A	Repts shipment from NY to Bost Radio telegraph app received back 11:16 W
✓ 359951	Aug. 5	Third Dist. Boston	Oct. 17 Submits report on construction of radio station at Turie

GENERATING SETS

Number.	Date.	From or To—	Subject.
✓ 364583	11-4	To S&A	Re S&A re list for radio condensers R 11-4
368406	12-12	To General Lead Bat. Co.	Comments re nameplates, L-W Genl Lead Battery Co 12-12 To----- In re above 12-16
✓ 388600	1-27	To Corcker-Wheeler Co.	Revs report of gas engine driven generator for use in airplanes - engine not suit- able for this use
590454	2-1	To S&A	Reacts shipment from Norf to M Is 13 120 volt radio storage batteries RE 5:13
426278	7:11	To Nav	Received back 7:18

GENERATING SETS.

Number.	Date.	From or To—	Subject.
269910	??	Crocker Wheeler Co	Wireless Anec App Co comment on trouble experienced in starting generators furnished by Crocker Wheeler - fws prints-states believes trouble due to boring two leads instead of three.
271739	1/7	To Fed Co	This confidential means as listed received from British Govt. W
30809	2-19	Marconi Co.	Lists actual ships of radio motor generators made on contr. W 629
32760	4/9	E. J. Simon T	States are completely out of Crocker Wheeler motor generator sets require 20 this week and 15 a month. 629
298961	5-1	To Cutter Elec & Mfg Co	Rest supply Bu report status of delivery made and contemplated of circuit breakers to contr ctors W To Cutter Elec & Mfg Co - Rest to find reports of items previously submitted on 14 and Jan 2011 - 11 Cutter E & M Co will forward list within few days. W 5:23
306001	5:10	Triumph Electric Co.	Fws copy of ship schedule covering radio motor generator sets now on hand. W

862

Number.	Date.	From or To—	Subject.	
✓ 305929	5-16	To Triumph Elec. Co.	Rest advise Bu number of the Toy requisition against which the Williams & Clark Co intend to apply material.	
307931	7	Beaudette & Graham Ins.	Fwds specifications for 1-4-6 and 12 k w cycle lights d c . W	
313560	6-7	To Brook	Radio T-1 - low voltage Breakers for Battery Charging Panels - rest report submitted to Bu-W W - Submits report of test of low voltage showing panels. W 7:1	
✓ 313887	6-8	TO SEA	Rest shipment from Bost to Wash - Mica condensers - W To Wash - in re above shipment -6-8 To Bost - Tests on condensers at Navy Yard - Bost - 6-8 Boston - Fwds report of test on mica transmitting condensers. W 6:25	
326096	6/28	To care of	Info in re to disposition of positive plates for storage batteries.	818
✓ 322450	7/1	To Holtzer-Cabot El. Co.	(T) Proceed with h. speed set if del. 1st 6 sets in 6 wks. is assured. W Holtzer-Cabot Co - Quotes prices. W 6:28	

1917

C. M. L. I. N. G. S. E. T. S. B. A. T. T. E. R. I. E. S.

Number.	Date.	From or To—	Subject.
235481	6/29	To Bost	Re test of oil condenser for radio transmitters. Sample to be submitted by GM Co. W
✓ 237583	7/9	Dubilier Condenser Co	States have placed mica business with Watson Bros and have orders for about 35,000 pounds.W
✓ 237689	7/9	Wireless Spec App Co	Gives names of importers from whom mica is purchased.W
238159	7/13	Dubilier Condenser Co relative to mica held in London 7/27 To Dubilier Co. 8/3 Dubilier Co 8/10	Watson Bros 7/12 Joseph Huse & Son 7/13 Nav Attache, London necessary to know names of firms 7/4 Watson Bros 7/25 Edwds vandykes of chloride of silver cells, types 131, 132 and 134.W
238385	7/13	Chloride of Silver Dry-Cell Battery Co	
238383	7/13 To—7/30	The Dale-Rey Corp	Gasoline engines for operating 1/4 kw radio sets; states have completed set ready for test, at factory.W To—Reqt ship engine to Wash for test. 7/19 To Wash—Instrns. 7/19 Co 7/20
✓ 239065	7/16	John Firth T	Will call at Bureau 17th.W

882-2

GENERATING SETS: BATTERIES. 882 -- 1

Number.	Date.	From or To—	Subject.
✓ 239274	7/10	NY T +	Condensers not available; 57 retained from Lowenstein contract 28028.W To S&A—7/19
✓ 239384	7/19	To S&A	Reqt shipt of condensers from Bost to Chasn.W (See 237820-371-6)
✓ 239597	7/18	Chasn	Request vandykes of condenser rack for mica condensers.W To—Fwds Vandyke.6/7
✓ 239747	7/20	S&A	Fwds Phila Yd's shipping request for condensers.W Fwd S&A—7/2 72/5
✓ 241132	7/26	Bost	Dubilier mica transmitting condensers; recommends next lot call for 18 sections units.W To—Appvs rec.8/1
✓ 241720	8/1	NY	Condenser jar racks; fwds vandykes.W
✓ 242063	8/6	To S&A 3	Reqt shipt of Dubilier condensers from Bost to NY for issue. W

GENERATING SETS: BATTERIES.

Number.	Date.	From or To—	Subject.
231718	6-2	Bost copy	Wireless Spec. Co Mica condensers; submits special report on test on.W
✓ 231902	6/2	Wash	Request Bost Yd ship mica transmitting
✓	6/2	Co Sta Regt ship of trans condensers	condensers to be installed on PENNSYLVANIA.W
✓	6/8	from Bost to Wash.6/8	To Bost—Re disposition of condensers.6/8
231980	5/14	Dubilier Condenser Co	Transmitting condensers; states impracticable to make one solid Bakelite knob.W
✓ 232063	6/5	To Dubilier Condenser Co	Regt make up sample condenser using bakelite bushings and submit to Bu. W
✓	6/13	Co regt new type no. be assigned to their condensers on which they are placing a Bakelite knob insulator 6/13	To will make changes to secure larger safety factor; states cost sheets are at disposal of Bureau, etc 6/7
232199	6-8	Auringer, J.J.	Calls attention to his new type tacking condenser.W
✓	7/1	To—7/1	JJ Auringer regt report on condenser (date ?)
✓	7/23	Auringer asks if test completed 11/1	Moorehead Laboratories are shipping detector for test 6/27
232639	6/8	Elec Stor Bat Co	Wds prints of Navy Ironclad batteries for wireless service.W
✓ 233917	6/15	Albert S. Kuhn	In position to furnish leyden jars.W
✓ 234159	6/15	Wireless Spec App Co	Request cooperation in securing release of mica in England for Joseph Huse & Co.W
✓	6/19	Naval Intel. Wds copy of cable of Naval Attache London regting names of firms.W	Co (T) regt assistance 6/19
✓	6/19	To—Regt names of importers of mica 6/19	To Nav Intel—Regt co-operation in getting mica released.6/21
234474	6/18	Bost	To—Gives action taken.6/21
			Wds report on test of Wireless Specialty Apparatus Co's mica condensers.W

GENERATING SETS: BATTERIES 882 -- 1

Number,	Date.	From or To—	Subject.
✓ 234677	6/20	Dubilier Condenser Co	Mica transmitting condenser; fws print showing changes in dimensions. W
✓ 234841	6/19	Western Elec Co	Request be furnished with specification blanks for submitting bid on storage batteries. W To—Comments on. 7/5
234895	6/21	NY	Jar condenser rack; reports forwarding plans listed and to Bost; alterations requested by Bureau not made. W
✓ 235028	6/22	Dubilier Condenser Co	Fws patents covering 2 condensers. W To—Acknowledges. 6/23
✓ 235095	6/21	Bost	Dubilier mica transmitting condensers; reports on test of W
✓ 235481	6-26	Gen Elec Co T	Oil condenser ready for test 27th; reqt Bost be authorized. W To—(T) Refers to Bost. 6/27
✓ 235622	6-26	NY	Mica condensers, Dubilier type; fws print showing new form of container. Y
✓ 232366	6/25	NY	Will forward information as soon as test made. W
✓ 235813	6/27	Dubilier Condenser Co.	Fws print of a mica transmitting condenser. W To—Gives action. 7/14 To—Comments on. 8/6 Co fws corrected print 8/9 To—Assigns type numbers to 7/3 Co recommends one type used in 18 sections in lieu of 2 types used in 16 and 20 7/8

Number.	Date.	From or To	Subject.
✓ 223117	4/16	To M.R.Hutchison	New design combined A and B battery storage B side. 40 volt M R Hutchison gives weight 4/19
223636	4/17	NY	Condenser jar racks: fws prints.W Fwd Bost--5/19 RB 6/1 Fwd NY--6/8 RB 9/8
✓ 224240	?	Dubillier Condenser Co.	transmitter Mica/Condenser, copper; makes reduction price 25 cents.W
✓ 224121	4/21 To--4/27	To M.R.Hutchison	100 Volt "B" Battery sent to Wash for test should be delivered 4/25. Comments reimburse for shipping. M R Hutchison asks if box is to be watertight 4/24 Muller Reese Hutchison will proceed with design. 4/26 M R Hutchison have designed complete unit: To M.R.Hutchison--refers to letter of 4/17 M R Hutchison have devised a standard tank CU-72 battery 4/26 M R Hutchison fws prints 5/8
221780	5/11 To--5/11	encloses print 5/3 To--A. J. J. and a circus type numbers 5/10 M.R. Hutchison will fwd design drawings in few days. 5/12	
✓ 225200	4/27	DeForest Co	Edison "B" Storage Battery - voltage 40 asks if correct in connection with furnishing and com. build W

GENERATING SETS: BATTERIES. 882 -- 1

Number.	Date.	From or To—	Subject.
225252	4/28	To Bost	Standard mica trans condensers. Reqt rec as to exact temperature rise that should be specified in specs, in order to determine price of. W
✓ 227946	5/3	Da Forest Co	Bost 5/9 To—Instrns re further tests. 5/25 Batteries for dirigible radio sets. have cancelled order for wooden cases. Will use separate steel cases for a and b batteries. W (Cross to 918) To—Comments on. 5/15
✓ 228374	4/14	Miller, R Hutchison	Asks if storage batteries for a and B circuits of the audion; fwsd prints of name plate drawings. W To—Approve with changes as listed. 5/18 W R Hutchison fwsd drawings of batteries for a and b circuits 5/24
2283702	5/14	Bost	Request authority to ship mica condensers to Pug 3d on their request 926 W To Pug 3d—Ask need of condensers. 6/2 Pug 3d request 40 mica condensers be stricken from requisition 926 7/3 W R SEA—7/3
✓ 229331	5-19	Chloride Silver Dry Cell & Battery Co	Fwsdprint and samples of standard cell and case. W To—Lists types of dry cells have standardized on for present. 5/26 To—Fwsd blueprint instructions. 6/5 To—Vandykes not received. 7/20
Co states drawings were sent on July 13th 7/23			
Co fwsd vandyke 7/24			
✓ 230273	5/25	To Bost	Radio telegraph. Leyden Jars for stock. Instrns re carrying ample stock of on hand. W Bost request number of leyden jars be increased to 3,000 5/29 Fwd SEA—6/2
✓ 230764	5/28	To Wash	Reqt plans and ests for assembly for container for Chloride of Silver "A" Battery. W To—Reqt reply. 6/23 RB without original 6/27 RB with estimates 6/23 To—Approve ests. 7/10

GENERATING SETS: BATTERIES.

Number.	Date.	From or To—	Subject.
Norf 1683	3/21	To Norf	Have decided that none of Mica condensers .004 microfarad being purchased as trans condensers will be carried in stock. JR
219365	3-23	Dubilier Condenser Co	Reports status of manufacture, procuring of mica, etc.
218502	CARD 19	State Dept	Dept of State request name and address of exporter of mica 3/23
		State Dept	To Dept State—(Sec Sig) Gives info. 3/28
		State Dept	State Dept will take up 4-3
		State Dept	State Dept states question must be taken up with British Government 4/17
219653	3-23	Chloride of Silver Dry Cell Battery Company	Request opportunity to show sample of new cell. W To—Offers March 29th as day 1 3/28 Chloride Co Request report on batteries submitted 4/11 To—Will fwd report when rec'd. 4/15
220164	3/29	Bost T	Leyden jars; Pug Sd. request authority to substitute mica condensers on shipment? To—(T) Disappva. 3/31
220861	3-3	Kilbourne & Clark Co	To—Gives status of matter 5/17 State Dept states license for exportation to K&C was issued May 1st 5/12 Request Bureau Cable London Embassy to secure clearance of India Mica ordered thru Atwater & Sons. W. To Sec State—(Sec Sig) Reqt argrts be made for immediate shipmt. 4/7
220999	4-4	Dubilier Condenser Co	Status of order for mica condensers. W.
220954	3-23	CUSHING	Reports on mica transmitting condensers. W.

GENERATING APPS. BATTERIES. 882 -- 1

Number.	Date.	From or To—	Subject.
220883	4/5	To Wash	Sends sample of new type of silver chloride cell manuf'd by Chloride of Silver Dry Cell Co. Re t recommends re purchasing sample set for test. W RB 5-18 To Chloride of Silver Co—Will not adopt sample left at Bu for test. 5/29
221525	4-8 4-7	Queen Gray Co CEN	Silver chloride cells. W.
221288	4/7	To Firms	As principle source of supply of mica in large sheets, each as is used in radio apparatus, and whether supply is lasting. W Schoonmaker Co gives amount of mica they can supply 4/9 Eugene Russell Co 4/9 Watson Bros 4/9
221780	4-7	DeForest Co	Recommends substitution of chloride silver cells in lieu of Edison batteries for radio apparatus for submarine chasers, dirigibles, etc. W Re 4-16 MR Hutchison reports further on their batteries. Line of del livery, price, etc 4/17 C.D. 21
222610	4-12	A. H. Hutchinson	Edison batteries for radio purposes; plan. W.
2227 01	4/12	AtI FH	Variable oil condenser for De Forest oscillation set; request one be issued to CY. 112 for test. W To 6-112 Re certain info. 7/27 AtI FH information will be forwarded as soon as possible 4/27 Snd Wash—5/10 RB 5-24 To 3-112 Rept shipment of variable condenser from Wash to 11-112 5/10

GENERAL SETS: BATTERIES.

Number.	Date.	From or To—	Subject.	
✓ 213137	1-30	Phila	Mica condensers; install on MCCALL; fws report of test.W To Post--Directs tests to determine relative efficiencies of mica and glass condensers. 3/13 Post app for making test not available 3-16	
W 206	2-3	John Firth	Dubilier mica condensers; recommends contract be extended to; have secured options on mica in this country; will be impossible to import more	629
218	2-15	Dubilier Condenser Co	fws vandykes protective condensers under contract.	629
✓ 215943	2-14	Dubilier Cond Co	Reports they have increased capacity of plant; have option on \$60,000 work mica.W	
216013 215015	2-7	M.H.Hutchinson Fwd New Orl Supt via Comdt--For comment. 3/13 RB 4-30 To De Forest Co--Directs communicate with manufs with view to including battery in set. 3/13 Hutchinson additional data & prints. 3/13 audion & B batteries. fws 3/13	States 84 cell battery for use with audion circuits forwarded to Washn Jan 4; states future deliveries will be improved.W. To--Comments on. 3/27 Hutchinson fws print of a battery for aeroplane radio sets; request certain information 3/8 To--Gives information. 3/13 Radio telegraph--mica transmitting condensers. Post will keep supply and will issue only on auth from HQ. W is request shipment of condensers be authorized for use in laboratory 3/8 Ask if want to submit sample for test. 3/17 we need permission to sell condenser to Western Elec Co.W. Co request Bureau take up ex editing of patent with Commissioner of Patents 3/10 To--Cannot accomodate. 3/17	
215971	2/27	To Paris		
215543	3-2	Dubilier Condenser Co	To S&A--Req shipt of 10 mica condensers from Post to M.is. 3/17 To Wireless Spec Co--Fws drawing of standard mica condenser. 3/17 RE 31F.1044	

REPAIRING SETS. BATTERIES. 862-1

Number.	Date.	From or To—	Subject.
217014	3/7	To John Firth	Recd sample name plate such as are supplying on standard protective devices. type CD 53 to assist in repairing standard name plate. John Firth will submit sample by mail or bring to Washington March 17th 3/16
218103	3-13	Dubilier Condenser Co	Asks results of test sample protective condenser made at Arlington and if they may expect orders for W Fwd Wash--3/16 RB 5-15 Wash will hold test about Apr 7th; necessary to construct transformer 4/3
218439	3/16	MCCALL	Reports on mica condensers W
215971	OVER		To Bost--Ask number of condensers now in store. Also list of all shipt of made. 3/17 Bost submits list of mica condensers also list of all shipt of made. 3/17 shipped Mare Island Mar 29 3/29 To Bost--Directs submit report of test of condenser To Bost--Ask number of condensers from Wireless Spec App Co. 3/17 in store 3/23 1-16 Bost submits list of mica condenser transmitters Wireless Specialty mica condensers shipped from yard 3/27 fwd report of test. 5/12 Bost sample of mica condenser not yet To Bost--Recd certain infor. 6/13 received 3/30 Bost submits report on mica transmitting condensers furnished by John Firth 6/21 3/16 To John Firth T Prefer visit Bu early next week instead Saturday. W
218346	3/16	To John Firth	
218502	3/17	To John Firth	Fwd copy of letter to state Dept reting arrets be made to cover exportation of India mica from India to Watson Brothers, Bost. W Firth have telegraphed for name of port in India from which mica shipped 3/20 To Sec State--(Sec Sig) Recd application be made to British authorities for exportation of. 3/19
218606	3/17	Crocker, Wheeler Co	Motor generator rheostats for 1/2 kw sets; asks approval of certain type. W To--Cancels sheet 12-B of s. cons. 3/20

CARD 20

GENERATING SET: BATTERIES.

Number.	Date.	From or To--	Subject.
✓ 209066	12-18	JG Biddle	Mica condensers; request drawings, specs, etc. W To--Will be fwded within a few days. 12/20 Biddle reports non-receipt of specs and drawings 1/4 To--Fwds. 1/8
✓ 209224	12/20	To Wash To S&A--Reqt ship of variable condensers to Phila. 4/17	Directs 12 variable condensers being manufd at Wash be held for issue with Kolistometers. Reqt est. 12/20 Wash fwsd estimates and plans 1/4 To--Appvs est. 1/8 Wash variable condensers completed 4/7
209338	12/21	To John Firth	Acknowledges letter Dec 19th, showing capacity measurements of mica condensers. W
209356	12-18	Host	Mica condenser and racks; reqt latest drawings. W To--Fws Vandykes of. 1/2
✓ 210308	1/3	To John Firth	En desires brass be used in connection with mica condensers. W
210674	1-3	Dubilier, W	Protective condenser for arc sets; asks data as to capacity, and voltage required. W
210563	1/5	T. E. Marcuson	Reqt catalogs on small lead-type storage battery, suitable for use on the B battery of an audion detector

CUMULATING SET: BATTERIES. 882-1

Number.	Date.	From or To--	Subject.
210915	1-4	Washn	Burn-Boston dry cells for radio; reports on test of and recommends manner in which Batteries should be boxes when supplied under contract; recommends holding up contract pending investigation.
		To S&A--Reqd contr be amended to call for delivery of No 2 type of cell at an inc in price. 2/27	To S&A--Reqd contr be amended to call for 1400 cells instead of 4000 cells. 1/17
			To Wash--Gives action on. 1/18
210976	1/9	To John Firth	Reqd est of cost of one experimental condenser for test with arc generator at Radio, Va. W
			John Firth have received specifications for protective condensers for arc sets; have started work on model 1/11
			Dubilier Condenser Co reports sending sample protective condenser to Arlington for test; quotes prices in lots of 100 or more 2/27
			Ed Wash--5/2 RB 5-15
			To Wash--Reqd reply. 4/23
211978	1-17	Burn Boston Bat Co	Wds batteries for radio work by express for test. W
	4/12	Burn. Boston Bat Co gives results of test of battery furnished under contract 444 in comparison with same cell filled with water at time of test 4/13	To Wash--Quotes letter with instrns re test. 1/25 RB 2-14
			To Co 2/24
			Co forwarding sample cell by express; writes relative to further test 4/5
			John Firth mice condensers; states samples submitted to him id show new form of installation on top. has nothing to do with Post order 1/27
205846		CARD 17	
212985	1-29	Washn	Variable condensers; submits estimate. W
			To--Appvs ests. 2/1
211978		ABOVE	Burn-Boston Battery Co detailed comments 4/27
			To Burn Boston Bat Co--Comments on. 5/10

GENERATING SETS; BATTERIES.

Number.	Date.	From or To—	Subject.
✓ 204792	11/7	To John Firth	Protective devices: Relative to simplification; also question of name plate requirements. W To—Rect complete set of drawing of condensers. 11/8
✓ 204889	11/7	To Bu Standards Dept Commerce	Rects working drawings of variable oil condenser used in Radio Laboratory of Bu of Standards. W Bu Standards will submit drawings when mod- are made 11-17
✓ 205043	11-9	Simon, EJ	Salt condensers; reports 50 practically completed; quotes price on. W
✓ 205544	11-14	John Firth	Dubilier protective condenser; request Phila be directed to expedite test. W To—Gives action taken. 11/16
✓ 206146	11-21	John Firth	Protective condensers; must have action on order this week on account of advance in prices W
✓ 206162	11-21	John Firth	Dubilier protective condensers; quotes prices on quantities 500 to 1000. W To—Phila will submit reqn for 750 at \$8.50 each. 11/23 Firth are closing deal for mica for 750 condensers 11/24

GENERATING SETS: BATTERIES. 882-1

Number.	Date.	From or To-	Subject.
206445	11-24	Bost R	24 Dubilier mica condensers received and tested; 18 assigned CUSHING and McCALL; understand 16 required for Arlington; request instructions.
206546	11/25	To J. Firth--Comments on requirements. 1/26 To--Directs 1000 mica condensers bought from John Firth be held in stock. 1/19 To Bost Fwd NY--1/9 RJ 1-23 Bost have made reqn for 1000 42-19 NY shares recommendations 12/23 To John Firth--Comments on possibility of moisture entering the condenser around the center terminal. 1/4 Firth gives present design fitting terminal to mica condenser; take up with NY. Yd 1/5 11/25 To Bost	24 Dubilier mica condensers received and tested; 18 assigned CUSHING and McCALL; understand 16 required for Arlington; request instructions. S mica transmitting condensers. Reqt rec re purchasing 1000; yard to keep accurate record of each condenser shipt. W Bost recommends condensers that have passed test be used on Destroyers and Battleships where gas and leyden jar type have proved offensive 12/2 To--Directs make proprietary reqn for 1000 condensers. Waiting competition. From John Firth. 12/6 To NY--Ask for rec re condensers if have any. 12/6 Condensers for CUSHING and McCALL and stock. Directs prepare reqn as originally ordered.
204014	11/25	To Bost	CARD 18 841
206571	11-24	Bost	Fumes emitted by Leyden jar transmitting condenser Coated with hot beeswax eliminates; (See 1826 4-496). W To--Comments on. Repts certain info. 12/1 Bost fws report on fumes given out by leyden jars; corrects test #2 1/5
207307	11-29	Bost	Receiving condenser; asks for calibration curves type B recently received. To--Comments on. 12/20
207942	12/8	To J. Firth.	Have directed Bost prepare reqn for 1000 mica transmitting condensers at cost. Gives advice so Firth can go ahead and purchase cooler and mica for.

GENERATING SETS: BATTERIES.

Number.	Date.	From or To	Subject.
198005	8-29	Wireless Spec Co.	Dubilier mica condenser; gives capacity measurements. W
✓ 198656	9-7	To John Firth.	Ventilating system to remove gases given off from leyden condenser jars; reqt quotations for supplying condensers for. W Firth makes appt for Sept 12 9-9
✓ 198911	9-9	John Firth	Dubilier mica condensers; objects to installing protective spark gaps in each unit. W To—latest specns has no such requirement. 10/17
✓ 199074	9-12	To Wireless Improvement Co.	Reqt data for use in considering question of requiring mica condensers for use in Wireless Co. make appt for Mr Dubilier 9-13 protective devices for radio apparatus. W
✓ 199277	9-14	To Nav Intell.	Repts cablegram be sent to Naval Attache, London asking price admiralty pay for mica condensers as purchased from Dubilier Condensers Co. W Nav Intel Adm and mgr refuse to give prices 9-19
199953	9-21	To Boast.	Radio telegraph; directs prepare reqn for 24 mica condenser units for stock. W
200129	9/27	To Lt.R.H.Waesche, USCG	Fwds specifications covering rack for mica condensers. 876

GENERATING SETS; BATTERIES

882 — 1

Number.	Date.	From or To—	Subject.
✓ 201954	10/11	To M.R. Hutchison, Thos. A. Edison Lab.	Suitable source of potential for the B. Circuit of the audion. Comments on various tests made Edison Co 10/16 To—Appreciates co-operation of Mr. Edison in going ahead at once with anal of sotr battery for B Battery audion work. 10/19
✓ 203440	10-23	Babcock, CD	Radio condensers; request opportunity to bid on To—Reqs to defer until about Jan 1. 10/30
✓ 203992	10-19	M. Is	Dubilier condensers; request plans. W To—Fwds Vandykes of plans reqtd. 11/13
✓ 204010	10/30	To Wash	Directs remodel and repair 6 variable condensers Fessenden Type, Naval Radio Lab, Bu of Standards. W
✓ 204430	11-3	Firth, John	Dubilier condensers for use protective device; quotes price. W
✓ 204431	11-1	John Firth	Quotes price \$32. each for Dubilier mica condensers. W
✓ 204551	11-4	John Firth	High tension condensers; asks changes desired in name plates. W

GENERATING SETS: BATTERIES.

1916

Number.	Date.	From or To--	Subject.
188294	5-17	NY	Condensers; reports inability to secure good mica on account of war troubles; recommends one be developed using celosine dielectric in lieu of mica.W To--Instructions. 7/14
2335 M Is shipment	5/29 request	Fwd M Is	Cancel request; Pug Sd will furnish condenser jar racks and jars for the 2 kw and 5 kw transmitting sets to be manufactured by Pacific Coast yards.W
191623 NY 8/1	6-23 To NY--	NY ppva drawing. 7/19	Mica transmitting condensers; submits report of test; recommends that wireless Spec Co type P-116 be approved for naval use.W To--Rect sketch of. 7/6 NY mica transmitting condensers; fws prints showing aluminum containers; submits estimate with suggestions for additional terminals 7/17 Mica condensers; request be placed on list of bidders.W To--Offers to test at Boat Yd. 8/11
192056	6-28	Radio Mfg Co	
191797	6-24	TO John Firth	Comments on drawings for Dublier condenser container casting; fws Bu drawing of container casting for comment
193413	7/12	John Firth	Mica condenser; fws print for comment.W ~~Pug Sd 12/18~~
194314		OVER	Phila 12/9 Morf 12/9 M Is 12/5 Darlen 12/8 Ports 12/15 Pug Sd 12/18 Wash 12/29 Key West 1/17

882-3

882 -- 1 GENERATING SETS: BATTERIES:

Number.	Date.	From or To--	Subject.
✓ 193636	7-15	To NY.	Prints of condenser rack drawings; directs set of be forwarded to F. Lowenstein. W
194314	7/14	To Yards & Sta-- Reqt comment on supply of current for operating local sounders. 11/25 M. Is recommends small direct connected motor generator in lieu batteries 11-8 Chasn 12-18 Specs 12-11 Chan 12-7	Specifications for gravity battery jars for radio: Fwds. W New Orleans 12, 1 To-- Reqt comment on elimination of gravity batteries from radio stock list. 10/30 NY 12/6 M. Is recommends standard set of specs be drawn up 8-10 Recs 12/11 OVER Lks 11/29
194088	5/29	Elac Stor Bat Co	Recommendations for batteries for radio use. W
195860	7/27	Dr. L. W. Austin	Radio transmitting condensers; suggested revision in specifications. W
196112	8/9	John Firth	Request report on Dubilier condensers. W To NY--Furnish Firth data 8-28 made of condensers made by him. 9/13
✓ 196270	8-11	To Wireless Spec Co.	Asks what Co would considered to be a practicable variation which should be specified in the purchase of mica transmitting condensers of capacity of 0.004 mfd. W John Firth 8/21 NY gives capacity 8-22
197230	8-18	Phila	Condensers; protective devices; asks specs covering purchase of. W To--Rec specs be same as stock No 16-C-2; in revision of stock catalog protective devices of Dubilier Condenser Co will be included. 11/28
✓ 197535	8-22	Laboratory, Bu Standards	Reports on Murdock moulded condenser. W
197861	8-25	Boat	Condensers; metal container for; reqt plan. W To--Fwds. 9/5

1916

GENERATING SETS: BATTERIES:

Number.	Date.	From or To--	Subject.
176057	1-12	To Bost-Chas-NY-Norf.	Storage battery outfit available for installation at radio station; asks whether apparatus will be needed; apparatus available at Norf. W Bost cannot use 1-15 Chasn 1-29 NY 1-25 Norf 1-25
176319	1-15	To Bost.	To Norf-- 2/21 Bost quotes in approval 2-19 Manufacture of condenser jar racks; job order #12-2-5256-2; asks authority for. W Bost gives correct number 1-19
176605	1-19	NY	Reports on test of paper condenser submitted by Stromberg Carlson Co. Recommends adoption. W Chas To NY--Reqt further information on. 2/10 NY submits report 2-24 Fwd Phila--For comment. 2/24 RB 3/31
179154	2-15	To Bost.	Asks authority for manuf of condenser jar racks. W
180402	2-29	NY.	Mica condensers mfg by John Firth; reports on test. W To--Seen for mica transmitting condensers will be prepared as recommended. 3/6
	3-2	Fwd S&A.	Jars N.S.A Reqt 541 NY Leyden; refers to 153343-914; new system for supply and distribution of radio stock. W-R
180622	3/3	John Firth	Mica condensers tested at NY; reqt report on. W Firth reqt reply 3/15 To--Quotes report on. 3/22
180865	1-8	Bu Standards	Diagram showing change of resistance of high resistance shunt cross condensers. W

882 -- 1 GEN SETS: BATTERIES:

Number.	Date.	From or To--	Subject.	
180923	3-9	To C&R.	Ventilation of radio stations; re removal of gases given off from leyden jars when apparatus is in full operation. W	408-6
182531	3/15	Colon	Reports on trouble experienced in charging 300 ampere hour storage battery; describes apparatus used for charging	808
✓ 184033	4/6	General Transmission Co	Are sole owners of Amer rights of Seibts variable radio receiving condensers; reqt orders. W Fwd Cash--For comment. 4/14 To--ack receipt of. 4/14	
✓ 184093	4/7	Marcni Wireless Co	Condenser jars; reasons why they should receive award on Boston Yd proposal. 527. W Fwd SEA-- For comment. 4/8 RB 4/21 Marcni Co states Bu esu is paying too much for jars 4-10 To--Now under investigation. 4/12 Fwd SEA-- 4/25 To--Co should bid on apparatus. 4/25	
9452	4/10	Wireless Imp Co	Murdock condensers; gives description of those bid on; will abandon use of wooden containers and use metal case with Bakelite top	706
✓ 186608	4/29	G. H. Clark	Mica condensers; recommends test at Arlington; furnished by the Wireless Spec App Co; developed by William Dublier W	
186421	5/4	To Bost	Reqd data on type of dry cell manuf by Boston-Burn Dry Cell Co of Bost	876
26028	5/5	Lowenstein Co	Asks if mica condensers furnished by John Firth will be acceptable	629

GENERATING SETS; BATTERIES.

Number.	Date.	From or To—	Subject.
151693	4-3	NY 809-752	Condenser racks; inc estimate.W To-- Appva 4/9
156800	5-19	NY	Leyden jars; recommends no replacements of other than standard size be purchased and that non-standard jars be replaced.W To--Appva rec. 5/27
159319	6-30	NY	Recommends mica condensers be bought in lieu of Telefunken paper condensers.W
✓ 161102	7-19	NY	Reports test of glass samples submitted by Vacuum Specialty Co. for radio condensers.W
161105	7-17	Bost	Condenser rack; fwds print showing proposed alteration in design of. W Fwd NY-- For comment. 7/23 RB 8/17 Fwd Bost 8-18
✓ 161589	7/26	General Transmission Co	States American representative of the Sclit condensers; reqt consideration of
162679	7/7	Bu Standards	Reports on test of oil furnished by Standard Oil Co for use in radio condensers 692
166593	9/22	NY	Radio condensers; asks if all requests to be referred to Washn Dc. for filling. W To-- Instructions. 9/30 To 344--Reqt. Washn Dc. be designated as distributing point of variable condensors. W-R. 9/30

GENERATING SETS: BATTERIES. 682-1

Number.	Date.	From or To—	Subject.
167927	10-7	NY	Jar racks: fwsd vandykes.W To--Appvs. 10/14
168859	10-19	Washington	Recommends transfer of mfg of mica transmitting condensers from Washn to NY: lists material to be transferred.W Fwd NY for comment 10/21 RB 11/1 To NY--Appvs: will recd transfer of 11/3 To--Appvs: will recd shipment of 11/3 To S&A--Recd for shipment. 11/5 NY est 12-6 To NY asks additional data 12/15 NY 12/21
✓ 170966	11-12	Grebe, A.H. Co T	Leyden jars: recd blank specs. etc. covering: offers to submit sample to NY for test.W To--(1) No records of bids for: take up with NPO NY. 11/12
173605	12-9	NY	Condenser jar rack: vandykes.W
✓ 173955	?	Bu Standards	Air condensers: various makes: reports on capacities of. W
✓ 174872	12/28	William Dubilier	States manufactures mica condensers for radio transmitting sets. To--Recd quotation: offers to test sample. 12/30 To Post--Fwsd copy above. 12/30 Post returns Dubilier's letter 1/11
✓ 175792	1-7	Marconi Co.	Fwsd specs. proposed for containers for condenser. W. Fwd NY--For comment and rec. 1/20 RB 1/27 Fwd NY--Recd reply. 1/24 RB 1/28 To--Comments on 1/29 Marconi recd additional 3-10 Fwd NY--For comment and rec. 3/14 RB 3/22 To--Gives add data. 3/23

GENERATING SETS: BATTERIES.

1914

Number.	Date.	From or To--	Subject.
✓ 130536	7/22	Edison Stor-Bat-Co.	Reqn. 323: one 500 - 600 volt, 300 ampere hours storage battery: Dept has directed award to Edison Storage Battery Co. Requests new switchboard arrangement. W Co replies to commends 7-27 To--7/29
✓ 131480	8-3	Edison Storage Bat Co.	Battery control board proposed for Point Isabel: Iwds print. W To--ack. 8/6
132450	8/17	To NY	Leyden jars in store: asks number in store, number due on existing contracts, and probable time will last. W NY gives stock 8-21
✓ 137080	10-10	MacBeth Evans Co.	Leyden Jars: Impossible to make glass jars without slight variance in thickness of glass: reqt maximum and minimum leeway be allowed. W Fwd NY-- For comment and rec. 10/10 10/20 To--Will consider an estimate for 100. 10/28
138555	10-31	NY	Leyden Jars condensers: reports on test of those submitted by Collender Co. W. To Collender Co-- Fwds copy report. 11/4
139458	11-13	To NY	Reqt plans for condenser jar racks be furnished Pug Sa. 11/13
✓ 140673	11-28	Wireless Spen Co.	Reqt report on Leyden jars made of domestic glass tested at NY as compared with Bohemian glass. L To--Fwds. 12/7

GENERATING SETS: BATTERIES. 882-1

Number.	Date.	From or To--	Subject.
141208	12-3	NY 935-236-2	Domestic Leyden jars; submitted by Wireless Spec App Co. manufactured by Corning Glass Wks. Reports on: favorable; recommends adoption. 1 To-- appvs acceptance of 12/7
✓ 142109	12-12	NY 935-236-4	Reports on test of glass jars for condensers manufactured by Corning Glass Co. Submitted by Gallender & Co. W
143847	1-7	To FS.	Manufacture of 2 double racks for antenna condensers; recd information as to increased cost. W
144198	1-8	NY 809-12	Standard jar racks and clips; fws plan. W
146910	2-9	Washn	Standard variable condenser, Clark design; reports on test and submits estimate for manufacturing. W To-- instructions. 2/24 Washn 3-1
146982	2-4	Pug. Sd	Double racks for antennae jars; explains apparent excessive cost of mfg. W To-- Comments on. 3/9
147107	2-3 2-11	NY S&A 809-29	Leyden jar racks; revised estimate for mfg. W Fwd S&A-- Appvs estimates. 2/16
147606	2-17	To NY	Disappvs est for manuf under NSA 311 for Leyden jar racks; will be manuf at Bost. W-R

GENERAT NG SETS: BATTERIES: 882-1

1913

Number.	Date.	From or To—	Subject.	
✓ 108815	10-24	Radio Tel. Co.	Condensers: quotes price W To---Ack. 1C/27.	
✓ 112800	12-13	Wireless Spec App Co	Container for Leyden jars: have new form; quotes price. W	
113566	12/26	C.O.	SONOMA: states Marconi radio condenser not suitable for use on TUGS, reqt be replaced by Leyden jars.	451--6
1914				
✓ 114014	1-1	Radio Tel & Tel Co	Can furnish V-C variable condensers from stock. W To---Ack. 1/3.	
✓ 114020	1-2	NY	Reqd authority to mfg 50 racks for Lyden jars; part for tune shifers, remainder for stock. W (R) to---authorized. 1/3.	
✓ 114196	12-31	NY 960-244	Leyden jar racks, 10 jar: inc estimate for fig. W To---appd. 1/8	
✓ 114240	1-2	NY 12	Leyden jar racks; 2 section: inc estimate. W To---appd. 1/8	
✓ 114241	12-31	NY 960-252	20 Leyden jar racks; inc estimate. W To---appd. 1/7	
✓ 116257	1/28	To NY R	Increased estimates. MO's letter 593-5 appd. K To---appd. 1/29.	

GENERATING SETS: BATTERIES: 882-1

Number.	Date.	From or To—	Subject.	
✓ 116792	1-22	Wireless Spec. App Co	Fwds type of Leyden Jars with new form container. W To---Su considers it efficient. 2/5	
117431	2/11	To S&A	300 De Forest Radio condenser plates. reqt shipment from Key West to NY.	817
20301	2/21	S&A	Copy of letter to Wireless Spec. Co., authorizing use of new container for Leyden jars.	629
123515	4-23	NY 855-84	Standard Leyden Jars; racks; plan. W To---returns tracings appd. 5/4.	
✓ 125326	5/18	NY	Navy standard jar rack; fwds Vandykes. W	
✓ 125460	5/21	Wireless Spe. App. Co.	Navy standard leyden jars; protests against award of certain requisitions to other firms. W	
126327	6/1	To NY T	Wireless Spe. App. protests award leyden jars to At. Com. Co. Asks if Telefunken jars del. NY regn. 2090 were in accordance with spec. W NY (R) 6/2. gives information. W	
126532	6/4	NY	Jar racks; none in stock that will hold 10 jars; request authority to mfr 20; submits estimate. W Fwd S&A—request authorization 6/6	

1912

Number.	Date.	From or To--	Subject.	
82051	11-5	NY 855-705	Seibt condenser; delivered by Wireless Imp. Co. under regn. 117; reqt. disposition of and authority to retain for testing in laboratory. W. To---directs retain one; ship other to Washn yard---To S&A reeqst shipment. 11/8.	
51	11/20	Brook	Fwds test sheets for storage batteries for light ship radio sets.	629
35	11/27	Brook	Fessenden compressed air condenser for radio shipped without inspn	629--2
✓ 86046	12/27	To Telefunken Co. Wireless Spe. App. Co.	Seibt condensers; asks if have in stock two approximate capacity .003 mf., and price. W. Wireless Imp. Co. quotes price on Seibt condenser. 12-28 Telefunken Co. Does not understand; fwds photo of condenser on which they quote price 12-30	
8				
86750	10-28	Clark, G.H.	-1913- Murrock condenser; reports on breaking down test; states practically non-inflammable. W	
91233	2/25	New Orleans	Submits estimate for placing storage batteries out of commission	821
94070	3-25	Phila	Reqt. authority to draw variable condensers out of store for use in testing radio installations made on ships. W.	

GENERATING SETS: BATTERIES: 882-1

Number.	Date.	From or To—	Subject.	
94244	3-4	NY	Reqt. authority to purchase Mardock condensers for stock. W. To---appd. 4/7	
94440	4/8	Bailey	Reqt auth. to return condenser used on test to Naval Laboratory	903
95611	4/22	NY 855-8	Requests authority to issue job order to cover expense developing new standard jar rack. W. To---appd. 4/24.	
✓ 97228	5-1 5-8	Wireless Spec. App. Co. NY	Offers to make immediate delivery of 300 or 400 Leyden jars; NY asks if any change in specs contemplated. W. Fwd 92A. No change in spec. na. 5/15.	
✓ 99067	6/9	To Wireless Spec. App. Co.	Request quotation on 4 Seibt variable air condensers. W. Company quotes price. 6-10 To---Order placed for two. 6/12. Company ship by express 6-13	
✓ 99287	6-11	Firth, John	Seibt condensers; reqt. larger orders and thorough test at laboratory. W. To---not advisable to place large order. 6/12	
108296	10/18	To Yards	TIME SIGNALS asks if any storage batteries on hand suitable for time signal longitudinal test at ARLINGTON.	910

GENERATING SETS: BATTERIES:

Number.	Date.	From or To--	Subject.	
72550	6-29	Bu Light Houses	Asks what type Edison battery cells will be used.	678
✓ 73194	7-11	Murdock Condenser Co.	Fwds photo of improved. W To-- Ack photos and reqt price. 7/23	
✓ No #	7/24	To NY	Survey #3, repairs to condenser.	
✓ 74739	8/1	Murdock Condenser Co.	Quotes price for complete battery of Murdock condensers in rack. W To---ack. 8/7.	
74766	7/26	NY OVER	Gives names and addresses of operators who may possibly be responsible for loss of condenser of Stone Set. W To PANTHER. LOUISIANA. TACOMA. NY. San Juan. New Orleans. Asks if have knowledge of. PANTHER 8/8. Unable to locate. W BLRB 8-12 Reports on test of Murdock condenser mfrd by Murdock Condenser Co. W	OVER
✓ 7497 ^u	8/2	NY 936-885-74		
✓ 75079	8/5	Biddle, James G.	Huth wireless condensers: fwds pamphlet. W To---ack. 8/7.	
✓ 75504	8/10	Wireless Spe. App. Co.	Entered protest against acceptance of from Telefunken Wireless Co. 131 Leyden jars on regn. 1515. States own basic patent covering method of deposit on jars and claims Telefunken jars are inferior. W To---Bn has not received bids. 8/12.	

GENERATING SETS: BATTERIES. 682---1

Number.	Date.	From or To—	Subject.	
✓ 75600	8/12	Murdock Condenser Co.	Requests shipping instructions for sending condensers tested at New York, to Washington for test. W To---Directs ship to Washn radio sta. 8/13.	
75788	8/14	Murdock Condenser Co.	Murdock condenser for test: reports shipment of the 12 condensers tested at New York with rack to Washington. Gives limits to which sets should be tested. W To---ted. 8 21.	
74766		SEE OTHER SIDE	New Orleans Radio Sta. 8/8. relative to missing condenser Stone receiving set. W RFB-25 RB 8-29	
76233	8/21	M. Is.	Denver, radio set, recd Bu. purchase condenser and verifometer for Telefunken set/ 184-6	
76407	8/20	GO	PRESTON: Requests that Leyden jars be substituted for Marconi condensers for radio. Oil spills out of condensers, due to motion of ship	362-6
J 77306	8/6	Wireless Spe. App. Co.	Leyden jars, regn. 1315. If awarded contract, inspection must be made at factory in presence of their representative. Complaints of large proportion of rejections at New York yard. W	
J 81814	6-20-11	Lowenstein, F.	Fwds print on castor oil condensers. W	

1912

Number.	Date.	From or To—	Subject.	
60573	2/5	NY	States variable condenser for 1 kw Telefunken receiver shipped. Wash	898
60597	2/7	To Wlsh	Messenden Compressed air condenser. Directs be delivered to Bureau of Standards. for purpose of experiments.	876
✓ 61165	2-10	Wireless Spec.App.Co	Reqt. return of Jar rack submitted for test on BAILEY re oil immersion. V. C. to BAILEY. Asks if jars have been covered by reqn. 2/14.	
63497	3/13	To Tor.Flo.At.Flt	RECEIVERS: reqt names of TBDS whose radio receivers are furnished with electrolytic detectors only. Will approve substitution of leyden jars condenser. Preston, after July 1st, if recommended.	898
64016	3-18	NY GSK	12 h.p. gasoline engines: asks if Bureau still desires 2 shipped to Jupiter Inlet. W	
65124	4/1	To Ports	Survey #49. 60 leyden jars of radio set# from MESSEY. It desires be retained at Portsmouth Yard for issue to ship and shore radio stations. W	
65218	4/2	To C.O.	MARS. reqn 244. for condensers for radio appar. Reqn does not state why are desired. Asks what is condition of present comp. air condenser.	279-6

GENERATING SETS. 882--1

Number.	Date.	From or To--	Subject.	
66006	4/8	G.O.	VULCAN: air compressor, states check valve poor design, reqt reliable pump be furnished.	
66098	4/9	Dept	CAPE COD, not fitted with apparatus for conducting Cadmium test storage batteries.	802
66263	4/13	To Exp. Sta & SAA	TESTS: reqt shipment of one Wireless Specialty App. Co. air condenser from Wash. to Exp. Sta for use in connection with radio outfit on Bailey.	903
66752	4/17	Boston	CAPE COD, reqt instructions re making cadmium test storage battery	802
67345	4/25	Telefunken Co.	APP. fwsd two photographs of their 2-kw set with paper condenser.	876
✓ 67802	5-2	Novelty Elec. Co	Reqd. name of inventor holding patent for silver coated glass condenser jar. W To---Bu does not know. 5/4.	
✓ 69798	5-14	Melrowsky Bros	Reqd. copy of report of test made at Bu Standards, condensers. W To---Not yet issued. 5/20.	
✓ No 4	6/26	To Diehl Mfg. Co.	Bu recn. 29; generators for charging storage batteries; maximum voltage should be at least 185 volts. W To---requirements. 6/29. Fwd Washn PO returns bids. 6/29.	

Number.	Date.	From or To—	Subject.	
V54411	11/24	TO Murdock, Wm. J. & Co.	Block condensers: recd certain data re.	
54823	11/29	Murdock, Wm. J.	Block condensers: gives dimensions, etc. W to recd send two sets to Bu. of Standards for test. 12/4.	
54895	11/29	Wireless Specialty Apparatus Co.	Request test of oil condenser rack, delivered at New York 3 weeks ago, expedited. W to NY-Recd early test and report. 12/1.	
55485	11/29	NY 628-6	Leyden jars tested by Bu. Standards: Gives method of conducting test at yard; requests authority to retain one for sample; other jar to go to Wireless Specialty App. Co. for their guidance. W To Wireless Spec. App. Co.-Gives report of test, and recd auth. to retain one as a new standard. 12/11.	
56163	12/8 12/14	Signal Office 10512 Dept. 25266-12	Ack. receipt of 198 Leyden jars from NY Yd. W Fwd S&A-Noted. 12/18.	
56558	12/18	NY 6824 GSK	Shipment of Leyden jars to southern stations: reports date of shipment to Charleston, St. Augustine, and Jupiter. W Fwd Chasn. 12/22. H&B 1-4	
56990	12/26	To S&A	COLON: compressed air condenser, recd ship- ment from Mississippi. Phila to Co. on 1912	808

GENERATING SETS: BATTERIES. 882--1

Number.	Date.	From or To—	Subject.	
✓ 58523	1/12	To Nat. E. Sig. Co.	Compressed air condenser used in tests at Bureau of Standards: Asks to what address shall be shipped. W Will comply. 1/15 To S&A. &---Shipment requested. 1/15.	
✓ 58846	1/17	To Washn.	Molded condensers: 644 c. r. Bu. rean. 224. Requests to be advised when those for 2000 ft. are received. W Condensers received 2/1. W	
✓ 58960	1/18	Telefunken	Schedule 4250: asks if Leyden jars will be insisted upon or if paper condensers will be accepted. W 1/15. Paper condensers will be considered.	
58094	1/8	NY	REC: reports on TEST of PLATE CONDENSER submitted by Wireless Specialty Co	898
59185	1/19	Wireless Spec. Co	Comments on report of test of plate condensers 898	
✓ 59548	1/25	To NY.	Contract 15391: directs shipment of the 25-Hz kerosene engines being del. by Fairbanks-Morse Co. to Wawa Is. 12-Hz engines, and wireless set (cont: 15282): latter as signed Katoan Island station. W	882-2
✓ 60312	2-2	Washn	Molded condensers, rean. 224: 6 have been received for use on DOLPHIN. W	

GENERATING SETS: BATTERIES: 682-1

Number.	Date.	From or To—	Subject.
✓ 52477	10/28	Commerce & Labor	For use on wireless sets; asks if Bureau will assist in test of W Fwd Exr. Sta. proposed to have tests made on STIMPAL and BAILEY. 11/4. RB 11-11
50027		SEE CARD 5	Fwd NY Reqn. 5073. If jars are not required to fill another reqn, order should be canceled. 11/2 RB 12-2
✓ 52704	11/2	Chasn	Leyden jar condensers; and racks; Junitars will be ready by Nov. 10; St. Augustine and Chasn later. W
52945	11/6	NY 4924	Battery jars for Charleston, St. Augustine, & Jupiter; have covered by reqn. 718. W
53149	11/10	Colon	Reqn of Oct. 23, for porcelain condenser tubes for National Elec. Sig. Co.'s 25 kw condensers, reqt shipment as soon as practicable. 808
✓ 53490	11/14	Telefunken Co	Variable air condensers; quotes price. W
53614	11/15	TO Wash. & S&A	New Orleans: Telefunken series gap & roller inductance, four leyden jars and one D.C. motors. reqt shipment to Wash. Sta for test 821
✓ 54008	11/14	Clark, G. WM	Leyden jars; relative to soldering of contacts. W To NY-Gives instructions re suitable method of soldering contacts. 12/1.
✓ 54123	11/21	Austin, L. W.	Reports on test of Morowsky paper condenser. W To Wireless Spec. Ap. Co-Fwds report. 12/1.

GENERATING SETS: BATTERIES: STORAGE:

Number.	Date.	From or To—	Subject.	
✓ 40900	6/10	Wireless Spec.App.Co	Reports shipment of special jar rack for 10 jars for used on board STRIKHAM or BALLEW. W Quotes price, etc. To Special oil not necessary; regen will be submitted for jar rack. 6/12. Ed K. Acad. Reast test be made of jar rack. 6/12. R.W.M.	
✓ 41099	3/10	Edison Storage Bat.Co	Awds dimensions of batteries for Wireless. W	
41882	6/22	Exp.Sta.	Reports on test of Wireless Spec. condenser. W To BALLEW via K. Acad. Direc's att. mar. 21 rack to Foot-Hierson & Co. 6/11.	
✓ No #	7/8	To IDAHO	Rean 116: One compressed air condenser is on board the NE. HALL III-E; if suitable for IDAHO, transfer will be directed.	
45294	8/3	To BAA	TESTS: at Ports: recd shipment of oil condenser from Washington	903
No #	8/16	To Telefunken W.T.Co.	Rean 5348: request earliest date delivery to NY of 3-kv, 60-cycle induction coil.	No #
✓ 47013	8/23	Telefunken W.T.Co	Can supply copper coated Leyden jars on receipt of order; also variometers. W. to Acknowledgment 8/25.	
No #	8/25	To NY	Survey 196: Leyden jars: Asks if Signal Corps of the Army desire these jars. 8/25.	

GENERATING SETS: BATTERIES: STORAGE. 882-1

Number.	Date.	From or To—	Subject.	
✓ 47324	8/26	Telefunken Co	Can supply battery jars copper plated; and gives advantages of same. W. of Mr. Clark comment. 7/1. RR 9-8 TO --Has recommended purchase. 9/14	
✓ 48863	9/18	TO Telefunken Co	Air condensers; reqt. quotation. W	
Sur. 198/707	9/16	To Dept	re shipment of Leyden jars to Army signal Co. is. A.S. 9.20.	no number
✓ 49461	9/25	Telefunken Co.	Air condensers unable to quote on separate item; at this time; will quote in 3 weeks. W	
✓ 49819	9/28	Wireless Spec. Co	Reports repair to condenser left at works by J.E. Clark. will perform free if Dept does not approve of action. W	
✓ 50027	10/2	Wireless Spec. App. Co	Reqd. standard capacity and measurement required for Shoomaker-Leyden jars on reqn. 5073. W	CARD 6
50241	10/2	S&A VOID 15637	Ref. S&A. reqs. information as to purpose re used of 10. RR 10.28 Fans of Western Elec. Co; recommends discontinuance of use owing to excessive prices charged for spare parts. L.	
✓ 50243	10/2	Wireless Spec. App. Co	Fwds bill for repair to air condenser left by Mr. Clark. W	
✓ 50207	10/5	TO Was hn	Variable condenser; fwds copy of reqn. to cover repairs. W	

GENERATING SETS: BATTERIES: STORAGE:

FILE No.	From or To— (Dated)	Subject.	
✓ 35810 4/8	S&A 111962	Condensers purchased on reqn. 101-1/2, NY from Poughkeepsie; appropriation has lapsed and recomm. is now reqn. be prepared so payment can be made. W Ret -- Reqn 296 being fwd to cover. 4/14.	
✓ 35851 4/10	Meirowsky Bros	Quotes price on excelsior paper. W To Cash. Fwds copy ISA Bu.reqn.302 to cover. 4/22.	
✓ 36090 4/10	Wireless Spec.App.Co	Reqt. test of new Leyden jar rack holding 10 jars of oil. W To -- Reqt be fwd to Espr.Sta for test. 4/13.	
✓ 36252 4/15	TO NY	Fwds copy of reqn. 296 covering battery of Mosicki condensers obtained from S.C.D.C.E. Poughkeepsie. Delivered several years ago. W	
36766 4/22	NY	STRINGHAM: reports shipment of LEYDEN JARS: reqt to be informed if Bureau desires stock of Shoemakers jars kept on hand.	418-6
✓ 37513 4/27	Nav.Intel	Unable to determine manufacturer of unbreakable glass for condensers. W	
✓ 37729 4/25	Societe Gen. Des. Con. Electriques.	Relative to payment for Mosicki condensers. W Fwd ISA 5/4. BB 6-18. To -- Early settlement will be made. 5/18.	
✓ 40528 5/30	" " " " " "	Re payment condensers. W. Fwd ISA. 6/7.	
✓ 40414 6/3	Wireless Spec.Co.	Reqt authority to submit condenser plates for use in Leyden jars: will commence delivery of articles on contract 378 about July 4. W To -- willing to test at Espr. Sta. Fwd NY direct's te v, if submitted. 6/6. BB 6-10	



FILE No.	From or To- (Dated)	Subject.	
32196 2/18	NY Yd 560-9	Reports relative to value of compressed air condensers and Leyden jar condensers.W	
✓ 32433 2/25	Telefunken Co	Reports test of condensers: agree not to send copy of report to Berlin until officially published.W	
32451 2/24	NY Yd	States design of proposed rack for glass plate condenser for wireless will be made up and fwded at earliest practicable date. W	
32967 11/16/9	Clark, Geo.H.	Reports on test of copper coated Leyden jars.W	
33461 3/6	Pensacola	Reports relative to use of Leyden Jars	827
34552 3/24	To S&A	CAESAR; reqt shipment of leyden jars for wireless to New Orleans.	146-6
35040 3/30	Meirowsky Bros.	Condensers: state manufacturers reqt that Dept refrain from using their name in connection with test. W To -- Request complied with. 4/7.	
35601 4/6	Austin, L.V.	Reports on compressed air condenser furnished by Nat. Elec. Sys. Co. recommends further test of copper coated jars immersed in oil.W.	
35616 4/7	TO Meirowsky Bros	Req. quotation excelsior paper for batteries.W	
35664 4/1	Ing. 3d	TATCOON ISLAND: estimates for mfg of reactance regulator and jars for condenser.	838



GENERATING SETS: BATTERIES: STORAGE:

FILE No.	From or To— (Dated)	Subject
✓ 31388 2/9	Austin, Dr. L.W.	Makes prelim report on losses in condensers on trial at Laboratory. W To Nat. Elec. Sig. Co. & Wireless Spe. App. Co. asking if name may be included in Bu. Standards report on comparative tests 2/15. To United W.T. Co. Same 2/15. To Telefunken W.T. Co. Mierowsky Bros. No. Am. W. Corp. Same 2/16. To Tel. W.T. Co. Proof can be fur. 2/24.
✓ 31813 2/16	Wireless Specialty Co	Have no objection to name appearing in report of test on Leyden jar condensers issued by Bureau Standards. W
✓ No # 2/16	To M. Is.	Reqn 504: Item 3 for Mosciicki condensers disapproved: Purchase of other than Leyden type not desired. Bureau developing a type of plate glass condenser.
✓ 32023 2/20	No. American Wireless	No objection to publishing results of test of Mosciicki tube condenser by Bu. Standards. W
✓ 32064 2/20	Telefunken Co	Relative to use of paper condensers in lieu of Leyden jars. W
✓ 32062 2/20	Mierowsky Bros	Comments on results of test of condensers; no objection to name appearing in report of condensers by Bu. Standards; provided it be only stated that they were one of the firms submitting condensers for test / W.
✓ 32060 2/20	United W.T. Co.	Test of condensers; no objection to name appearing in Published report. W
✓ 32198 2/21	Nat. E. Sig. Co	Have no objection to name appearing in report of test of condensers by Bu. Standards, but think name of Wireless Specialty App. Co. the proper one. W



FILE No.	From or To— (Dated)	Subject.	
✓ 29495 1/19	Telefunken W.T.Co	Wireless: asks if test of sample jars has been completed.	
✓ 29546 1/19	TO NY YD	Fwds drawing of rack for plate glass condensers for comment	
✓ 29558 1/20	To S&A	DIXIE: shipment of Leyden Jars.	
✓ 29943 1/25	TO No.American W. Corp.	States condenser received from them is under test and will be returned.	
✓ 29996 1/25	Societe Generale des Condensateurs Elec- triques.	Re payment for Moscicki condenser. To -- Early settlement expected 2/3. Fwd S&A 4/8.	
30105 1/25	Pensacoal W.T.	Reqt 50 Leyden jars: reports full capacity jars necessary to operation station	827
✓ 30273 1/26	NY 560-6	Comments on proposed condenser rack for glass plate condenser. To N.Y. directs new design be submitted 2/9. To -- Recast model set up for test. 4/17.	
✓ 30936 2/4	Telefunken Co	Asks if new condenser will be considered on schedule 3307. W. To -- Suggests test at Bu.Standards 2/8.	
✓ 31010 2/7	TO NY Yd	Reqt. recommendations relative to the substitution of suitable condenser made from Leyden jars in lieu of compressed air for wireless work. W	
31686 2/15	To N.Y. S&A & Wash	KEY WEST: directs shipment of two condensers to N.Y. for overhauling	817



Number.	Date.	From or To—	Subject.	
46275	8/11	NY	APPARATUS: reports test of apparatus rec'd from Wireless Spec. App. Co. 1500 cycle, consisting of generators & transformers	876
50857	10/2	Nav. Acad.	NAV. ACAD. W. T. STA: installation of 2 kw set; estimate \$100. too low.	820
51616	9/30	Dept	Special Order 110; transfers gen. sets, etc. to title "A".	603
✓ 70384	6/5	To Dept.	1912 Requests consider question of installation of auxiliary source of power for operation of radio when main dynamos of naval vessels are incapacitated. W RB 6-14 deferred.	
72508	6-22	NY 930-706	Qwds. corres. from Nat. Elec. Sup. Co. re specs. for generator to be fitted to engine originally purchased for	814
126331	6/2	NY	1914 1913 Leyden Lark: deliveries made by Atlantic Communication Co., contract 480; reports on inspection of and compares with deliveries of the Wireless Specialty Apparatus Co. W	
166434	9/17	Talbot Boiler Co.	1915 Talbot boiler generating power for radio stations; submit proposition. W To--Ack receipt of 9/22 To--9/30	
167154	9/30	Gen Elec Co	Quotes on Diesel oil engine gen sets for Cavite radio station	806

1916

GENERATING SETS: RADIO. 882.

Number.	Date.	From or To—	Subject.	
189374	5/29	To Westinghouse R&M Co To G E Co	Asks opinion on the relative advantages of shunt wound commutating pole motors as compared with compound wound commutating pole motors in connection with radio arc generator apparatus	688
206550	11-26	JUPITER copy	Serious breakdown radio generator.	528-5
211291	1-3	K. Is	1317 Arc Apparatus: improvement in design of: fws reports on magnetic circuit, arc high frequency generators; recommends all contract specs be referred to Yard before approval	876
217287	3/10	To Crocker Wheeler Co	T Specs 1/2 K.W. Motor boat sets. Instrns re capacity of. W	
228663	5/15	NY	Motor generator standard descriptive data test - fws form for approval W	
228628	5-17	Holzter-Cabot Co T	Reqt information rel to modification necessary in half kw radio motor generator recently tested at NY.W	
251624	9/25	NY	Reqt prints covering batteries.W	

GENERATING SETS :

FILE No.	From or To— (Dated)	Subject.	
28207 1/4	To M. Is.	Generators: fwds prints	
28823 1/9	Bost	ECSTON W.T. recommends installation of 5 KW gen. set and enlarge antennae	843
29008 1/13	Diehl Mfg. Co	Quotes price on 120 cycle alternator fitted on Miatz & Weiss oil engine 2 or 3 P.M. proposed to obtain on O.I. reqn a 500-cycle set, chain driven 1/16.	
✓ 29585 1/20	Diehl Mfg. Co	Cape Henlopen W.T. Sta. Reqt. opportunity to bid on engine for To - will give opportunity 1/21	
31336 2/13	To Nat. E. Signalling Co.	Cont. 13874; reest speed of turbo-generating sets.	820
31554 2/3	C.O.	CASTINE: installation of a 60 cycle, 3 kw generator for wireless	150--6
31779 2/15	Nat. E. Sig. Co.	N. ACADEMY: gives speed of turbo-gen. cont. 12874	820
31866 6/1/10	Nat. E. Sig. Co.	Cont. 12874 relative to test of motor generators mfg at G.E. Co. for wireless: Insp'r. states understands test will be made after delivery	629
32605 2/28	To NY	PAULDING: fwds copy of reqn for generator for wireless outfit	337--6
33574 3/11	Garwood Elec. Co.	APPARATUS: price & date can furnish 5 KW sets with exciters for wireless	876
33660 3/10	Nat. Elec. Sig. Co.	WASH: L.D. 100 KW set: fwds prints	841
33993 3/17	N.Y.	APPARATUS: state Garwood Elec. Co. not mfg. generators & transformers	876
34178 3/18	M. Is.	WHIPPLE: 2-1/2 KW: submit estimate for work in connection with changing location.	479--6



Number.	Date.	From or To—	Subject.
652472	12/6	Crocker Wheeler Co	Ask if bureau can use motor generator sets listed W To Crocker-Wheeler Co- Request price of equipment W 12/16 Crocker-Wheeler Co 12/21 Submits quotations. W
652794	12/12	To Comits Yards listed-	Radio "B" batteries neccy to outfit vessels for winter maneuvers- request for information W Norf 12/16 W
652793	12/13	S&A	Returns shipment order 1694 unacted, upon W To S&A Request shipment of generator from Brook to Dubilier Co 1694 12/11 Fwds S&A 12/19

Number.	Date.	From or To—	Subject.
629720	6/24	Multon Iron ks. <del> </del>	Request opportunity to bid on Diesel engine drigan generator for radio.. W.
637139	8/14	To Norf	Armatures for Motor Generators Stock of W Reqs inform rel Norf- 10 armatures on hand 8/18 W
640127	9/1	Crocker Wheeler Co. <del> </del>	Fwds drawings cov amphibious power plant. W.
642060	9/27	To Norfolk	Motor Generators- Status Requested S W Norf- 10/9 W.

GENERATING SETS

1922

Number.	Date.	From or To—	Subject.
643793	9/26	Destroy Sqd. Pacif. Fleet	Request disposition of Edison Stg batteries from decommissioned destroyers. W. To S&A Request shipment of batteries from Washn to #1 1227 10/7 To Pac. Fleet Issue of approved co Pac Fleet 10/10 Battle Fleet Destroyer Squad. 12/21- Report on distribution of batteries W
645460	10/13	Washington	Ask if any 3 phase 5, - 15, - 25 motors are available at Atl. Coast Yards. W. To Washn- no available motors at yards 10/24
647786	10/31	Ajax Electrothermic Corpn	Ask if Bureau has pay motor generator sets for wireless an arcins for sale. W. To Ajax Elec. Co. gives inform- 11/4 Ajax Electrothermic Corpn- 11/6 W To S&A- lwd's corraz. 11/7
644368	10/29	Pamp Rds	Ends change in mate. l. l sheet and pencil sketch of 5 KW generator sets 1 882-2

1922

Number.	Date.	From or To	Subject.
614840	3/16 3/22	Chas. A.	DC generator manufd by Imperial Elec. Co. is on hand. Same available for transfer or sale. Fwds S&A 3/30
614825	3/20	Elgin Gas Motor Co.	Fwds circular describing small gasoline engine with foot pedal starter. %
		see 682-2 for this corresp.	
615623	3/27	N.Y.	Request specifications cov 30 KW motor generator for use at Guantanamo be furn. % To NY- Fwds print 5/4
617122	1/3	GE Co.	Quoted quotation for radio telephone high voltage DC generating apparatus. %
621133	11/8/21 4/28	MI Dept	Beneficial suggestion by W. A. Barato cov design of radio motor generator and transformer also JAG's opinion on making award. % Fwds MI 5/5 - RB 5/17 W Fwds Dept 5/19

GENERATING SETS

1922

Number.	Date.	From or To—	Subject.	
624482	5/22	To Northwestern Elec Co	Data requested for a machine to charge listed battery W North Western Elec. Co. Fyds bulletins and pamphlets with notation - 5/26 W. To Northwestern Elec Co- interested in 6-volt charging unit 5/5 W North Western Elec Co request more definite inform. 6/29 To Northwestern Elec Co- gives inform 7/14	
627262	5/31 6/7	CO SHARKEY Atl Fleet	Location of radio motor generator on F.R. type destroyers. Recommend covg changes in W	Q-6
35020	5/8	New York	Gives trouble experienced with motor generator set purchased from Burke Elec Co 5L	629
626966	6/9	To Norf	Delco elec Units Reservation of for Radio Compass Stations Norfolk 6/13 W	

GWT MATI 5 1 75

Number	Date	From or To	Subject
607571		Fwded from card 81	To Old Post Road Garage- generators, Crocker Hartford manufacture gives Action taken P-1 cc DC MS W 5/16 Navy 71 De. Ct. 5/1 W Fwd Washn 3/11/22 To Washn- 4/19 RB 5/18/22. W. Fwds S&A 6/1
610584	2/8 2/17	J. K Hewitt S&A	Ask if Bureau has any 2 KW motor generator for sale 7. Fwd S&A-recommends matl listed be sold-2;24-W
611088	2/24	WE Co. (T)	Quotation on high voltage DC generator and kenotron rectifying equipt will be fwded within a few days. GE Co. 3/15/22 High voltage generating apparatus. Quotes price. W
610981			To A.C. Bunker-appreciate comments-2;25-W

GENERATING SETS

1922

Number.	Date.	From or To	Subject.
607497	FROM CARD 81		✓ N.Y. - 10 transformers on hand. 2/24 ✓ To Norfolk - shipment of transformer to Washn. 2/27
611551	2/27	Crocker Wheeler Co.	Ask if Bureau desires to purchase 1200 cycle motor generator set for labr purposes, w To-- Reqt price of machine 3/31
612800	7/6	G.E. Co.	Will submit quotation within 3 days on high voltage generator and kenotron rectifying equipt. W.

GENERATING SETS

1921

Number.	Date.	From or To—	Subject.
587878	9/28	15th Dist. + TO	Request action in conn with motor generator urgently needed. W.
		To S&A Regt sh pmt of generator from Phil to 15 Dist 9033 10/21	To 15 Dist- (T) Gives inform 9/30 15th Dist- (T) Regt immediate shipt of motor generator. 10/1 W.
OVER			To 15 Dist (T) Gives Status of shipt 10/4
			To S&A Regt sh pmt of mat from Norf to 15 Dist 8920 10/5
			To 15 Dist- Regt Inform 10/7
			Norf- (T) Generator not available. 10/7 W
			To Norf- Rel shipt of generator 10/12
			Norf- Report on issues. 10/17
			To S&A Regt shipt of mat from Norf to 15 Dist 9032 10/21
589102	10/12	To Crocker-Wheeler Co	Sample sound motor generator- Specimen rel W
586357	11/17	Crocker Wheeler Co.	Request interpretation of specification covering motor generator sets being made for Navy thru Wireless Instr. Co. W
			To Instr Mat Div (T) Dept of Test Regulation of motor generator-- 11/18
			To Crocker-Wheeler Co- Gives Action 11/19
597295	11/22	HC Co.	Change in motor generator from type SE 3610 to SE-3610-A- consisted of changing armature winding and commutator so as to secure better commutation. DI
597684	12/3	To CO (T) OHIO	Rel admt tests crocker Wheeler- desires send engineer conduct own tests also- Regt Ohio afford all practicable assistance W

GENERATING SETS

1922

Number.	Date.	From or To—	Subject.
587878	FRO: OVR		151A Dist- Ask when motor generator for 3310TA will be shipped. 1/3/22 ✓ S.A. - Copy action to S.A. 1/15/22 N-6 To 15 Dist- Gives Action taken 1/16/22 Ham. Ads.- Copy action to S.A. 1/17/22 To Liaison Div. 1/21/22
604887	1/18	To Annapolis	Ask if there is a 1,000 cycle motor genera- tor set which can be shipped from England initial work for use at Annapolis cc CC Annapolis Expects 1/27 To check at sight of motor generator set. Available to CC Annapolis 1/30/22 RB 8/24/22.W
607675	2/2	Koenig Bros. <u>card 82</u>	Ask if can purchase Crocker Wheeler generators at Navy Sup Depot. W. To track- Regt. initial 500 cycle motor cc S.A. 1/19/22 1/14 RB 3/8/22 Fwd S.A. 2/15/22
607197	W/4	To NY	Request information re 500 cycle motor generator W To Hoff- Regt. info 2/4 Hoff- One 5 kW motor generator on hand. 2/9 W To Hoff 1/11- Give correction 2/11 Hoff- 1/21 -2-W Lowenstein transformer is available W

GENERATING SETS

1921

Number.	Date.	From or To—	Subject.
557933	4/15	Crocker Wheeler Co.	Fwds print giving dimensions of terminal board for 2 KW set. W.
560870	4/16	GE Co	Submits quotation covering furnishing portable power plant. W To G E Co Ack receipt of specns 4/30
563079	5/10	J. B. Brady	Rest drawings of water circulating pump and carbon rotating motor for arc transmitter W To J B Brady 5-14
30308	5/4	S&A	Request information relative to assignment or transfer of radio motor generator mfg. by Crocker Wheeler Co. for K&C Co. SW
563902	5/13	Liehl Mfg. Co.	Request specifications cov 20 KW motor generators. W. To 5-24
569183	6-14	To Washington	Design problem 156- tests of 2 kw 1100 cycle motor generator subm by Crocker Wheeler W Washn- Test reports- fwds. 9/12 W
572658	6/30	Internatl Device Co.	Ask if bureau has a standard Crocker wheeler motor generator set for sale. W. Fwd S&A- 7/5 To S M Kintner - Gives Action 7/5

GENERATING SETS

1921

Number.	Date.	From or To—	Subject.
572863	7-8	To S&A	Reqt shipment of generator from Anacostia to Crocker Wheeler Co W 8046
579587	7/26	Cdr. C. A. Dunn	Signal Corps has a 5KW Crocker Wheeler radio motor generator available at Ft. Mason for transfer without cost.
580113	8/10	Crocker Wheeler Co.	Copy letter to S&A re: lamp rheostat for 2 KW motor generator Sept 7/21
582196	8/26	To SC Washn 8634	Reqt shipment of motor generator from Washn to Annapolis W 8718 W 9/8 W
12/17	10/10	Subm report of retest	To S&A Reqt shipment of motor gen from Washn to Annapolis 8718 W 9/2
10/10 12/27			To S&A Reqt shipment of generator from Washn to NY 8719 W 9/2 RB 10/15 W.
			To Co- Reqt report on tests be furnished 12/1
585655	9/17	To Crocker-Wheeler Co	Fwds Radio Report- W
587759	9/28	Crocker Wheeler Co.	Have shipt back sample DC wind driven generator. To - Give instructions 10/4

GENERATING SETS

1920

Number.	Date.	From or To—	Subject.
519478	FROM CARD 78		Crocker Wheeler Co. 11/4 W. Crocker Wheeler Co. 11/5 W. To Crocker Wheeler— comments on method 11-17
55026	10/18	Gen. Dir. p	Was beneficial suggestion by S. T. 918 prior covering on the driven radio aircraft generator for communication in flight and on water; a
527830	11/5	Insp. GE (T)	Motor generators for TC battleships sets script to Washington. Insp. GE several motor generators at GE CO. 11/5 W
530420	11/1	Insp. GE	Request installation of generator on the ship's main engine
530420	11-26	To Comdt Boston	Request verification of number of 5 kw motor generators in stock W BB 12/15 W To Comdt Boston to Cavite 12/17 from Boston to Balboa W 12/18 RB 3/28 W To Comdt Boston to M. Island 12/18 Request wiring diagrams showing automatic starter applied to DC motors used on log for generators sets. n. To 12/8
533198	12/4 12/6	Service Radio School Communications	

GENERATING SETS

Number.	Date.	From or To—	Subject.	
534703	12/13	Wireless Spec. Apprs. Co. (7)	Ask if can purchase 5 P7 radio motor generator from Navy. W.	
			To Wireless Co 12/17	
538951	1/5	DeForest Co.	Request value placed on 12 type W tubes garufd by the Co. Same destroyed by fire and insurance Co is adjusting. W.	
			Fwd SIA 1-12	
530296	11/13	Mare Island	Fwd 11-27 RB with recommendations as to amount of award to be made for design of radio motor generator 1/20	625-3
547982	2/21	Fairbanks Morse Co.	Fwds prints showing smaller generator set with pamphlet describing same. W.	
551459	3/14	Crocker Wheeler Co.	Fwds list of material in stock suitable for mfg of radio apprs for Navy. W.	
			Fwd IK Norf 3/23 RB 4/8 W.	
			To— Gives inform 4/15	
551984	3/21	To Crocker-Wheeler Co	Reqst Rep be familiar with design of machine Crocker Wheeler Co. 3/22 W.	
			To— Reqst Rep be at Eng 9:30 3/31 3/26	
554443	3/29	Crocker Wheeler Co.	Request further inform rel to generators for Submarine signaling. W.	
			Crocker Wheeler Co. 4/5, W	

1920

78 ✓

Number.	Date.	From or To—	Subject.	
✓ 498895	6/10	Crocker Wheeler Co.	Request inquiry for radio generators on motor generators be sent to Baltimore Office. W. and S&A 6/28 cc: CW Co	
✓ 505056	6/29	Paul Ware	Ask if Bureau can assist in securing GE dynamotor for experimental work. To 7/15	W.
✓ 507512	7/13	Mare Island	Request authority to loan 2 KW motor generator to University. To LI 6/30 reqst disapproved	
✓ 512729	8/19	American R/R/Corpn	Request representative witness demonstration of 5 KW high voltage DC generator being manuf by Western Elec. Co. W.	
✓ 513873	8/26	Eur Stand. -abr	High voltage DC generating system- subm by Dr. Farsey of University of Manitoba: comments on.	
✓ 512788 2	8-31	To Amer RR Comm.	Request copy of report of tests W Will send test data /	

GENERATING SETS.

Number.	Date.	From or To—	Subject.	
515254	5/2	Westinghouse Co.	Request specifications and opportunity to furnish motor generator sets for radio.	WR.
516977	9-13	Bu Standards	Ask if proper to make public speaker system of 2-phase A.C. plate supply: W To Bu Standards. 7/15	
517383 TO CARD	9-14	SKF Industries	Asks size of ball bearing used in 5 k.w. motor generators: W	
519478 TO CARD then inform	10-1	To Crocker Wheeler	Request info re: motor gen equipment W	
519478 TO CARD then inform	10/19	Crocker Wheeler Co. Request for	Crocker Wheeler Co. - Request interpretation of specifications. 10/8	
519478 TO CARD then inform	10/28	W. Inform gov small alternator.	To Crocker Wheeler Co. Gives inform 10-16	
521510	10-9	To Co Anacostia	To Crocker Wheeler Co 10/30 Design problem 115- specifications for air driven generator suitable for use with the type 1370 air radio equipment W Anacostia; rwd's specification for air driven generators: 10-27;	
521763	9/27	Ord Salvage Board	Gives reasons why were not able to supply generator.	
522473	10/11	Ward Leonard Co.	Has print showing rheostat for motor generators during war. Various wireless	
524510	10/19	Bd Survey ed Dist	Ask if will accept offer of 700 cov sale of motor generator and spare armature ex-NORTH CAROLINA. 705 Recd LA 11/16	

GENERATING SETS

Number.	Date.	From or To—	Subject.	
477555	2/10 2/20	Pacent Elec. Co. Fleet Sup Base	Ask if can purchase motor generators listed at Fleet Sup Base. Fwd S&A 2/27	W.
✓ 477631	2/20	DeForest Co.	special motor generator set for radio telephone using tube U power tubes; ask if can use.	W.
407461	From card 70		To Insp'r Squantum—disposition of excess material. 3/11 copy SO Boston	
48325L	3/22	American R/R/Corp	Fwds specifications and photos of high voltage DC generator recently developed. 3/22	

GENERATING SLTS:

Number.	Date.	From or To—	Subject.
484258	3-30	To Condt Washn	Fwds copy of "Instructions for inspection of electric motors". W RB 4/16 W.
✓ 490178	4/27	Ad. 1914. Co.	Request report covering test of sample 2. W motor generator set manufactured by Diehl Co. W.
✓ 492019	5/6	O&R	Copy of letter to NY stating CO MALLARD will turn in at NY motor generator equip- ment recd from Bd. of Standards - W
✓ 492067	5-8	To Crocker Wheeler Co	Asks estimate be fwded radio motor gen set for operation from 60 cycle 110 or 220 volt AC supply. W Crocker Wheeler Co. - 5/11 W To C.W. acknowledge apt 5/14
✓ 492976	5/10	Deslauriers Column Mould Co.	Wst copies of reorts on test of constant speed fans for driving radio generator. W see 474182-918-W
✓ 496066	5/25	American R/h/Corp	Subm reort on increased price of high voltage generators. W
498488	6-10	To S&A	Reqt shipmt from Anacostia to Bur Stds radio app. generator. W RB 6/18 W.

GENERATING SETS:

Number.	Date.	From or To -	Subject.	
✓ 455374	10;22	Crocker Wheeler Co	Sub information re nec. increase in prices of 2 kw motor gen for use with radio arc set. W	
20615	10/24	15th Dist.	Subm report of synchronous impedance test of 5 kw generator at Colbn. W	629
457806	11/12	Boston	Radio motor generators in stock at yard. Iwds change of material sheets covering. W.	
✓ 458450	11/17	Cutting & Washington	Ask if Bur has 15 KW Navy Standard motor generator for sale. W to Cutting & was at n. 2 kw radio generators will probably be purchased by S.M. Bd. 5 kw mo. or gen are for replacements on naval vessels 11/28	
✓ 460154	11-26	A H Grive (T)	Asks if will dispose of motor generators at Fleet Supply Base to A. H. Grive (T) no five kw for sale have excess stock of 2 kw gen 11/28 W	
461753	12/5	K&C Co.	Request complete information rel to DC motor generator developed for use with vacuum tube transmitter. W. K & C Co - 12/12	
To - Generator of type listed not be given particular attention for development at this time. ~~12-15~~ 12-15				

Number.	Date.	From or To-	Subject.	
✓ 65113	12/12 12/23	E. J. Simon Washington	Ask if have any surplus motor generator sets for sale. Fwd S&A. 1-12	W.
465068	12-27	To S&A	✓ Reqt shipment radio dynamometer from Anacostia to Wash. W	
✓ 466572	1-3	To S.O. Phila To Phila (T)- Reqt supply Officer furnish information re reqd. 1-16 Phila. (T)- Sur understanding correct. 1-17	Engine driven generator units available for Radio Stations at Phila. W Phil. 1/10 To (T)- Reqt supply officer expedite statement re reqd. 1-14 Phil. T- Statement fwded 1/10 1/15 Phil. S are parts for generator sets ordered from manufacturer. 1/10 1/2 KW generator being shipped to radio test shop for inspection and test. American R&R Corp-1:28	W.
✓ 468996	1/13	American R/R/Corpn.		
469442	1-16	To Wash Western Elec. Co. 1/8/21 W. To Western Elec Co 1-11-21 W. be from under 17/56	Radio Tel. Design problem No. 71 and Class G Sources of power supply under high D.C. voltage- Testing of Am. R. & R. Corp 5000 volt generator. W was in ten- Fwded report on high voltage generator subm. to Am. R. & R. Corp. 7/17 W To Western Elec Co re test of 1-11-21 unders. making-in re 1-11-21 Spares for Fairbanks Morse engine gen have not yet reached Canal Zone WS	W 629
47788	2/6	To SO Brook		

GENERATING SETS:

Number.	Date.	From or To—	Subject.	
438006	8/5	Hyatt Roller Bearing Co	Sub infor re test being conducted on roller for use with motor gen sets for wireless equip. W	
430003	8/4	MI	Contract for portable gasoline gen set for searchlight, asks number of which will be shipped and invoice to MI.	703
43056	8/14	Wireless Imprvt Co/	Copy of letter to Gen. G.O. Washington, asking for list of sets for use with buzzer transmitters. W.	709
440148	8/15	University Wis.	Asks if possible to purchase two 2kw motor gen for use with radio tel sets.	707
443918	9/4	CC Radio	Rotary converter, Austrian type—states have turned into. Ports Yd—suggests insp. as it may be at Yd.	96-6
46858	8/8	Washington	Arc motor generators—reports on—recommends changes in method of rating sets.	629
45320	8-15	New York	Voltage of 1 1/2 kw motor generator; test.	629

GENERATING SETS

Number.	Date.	From or To—	Subject.
446804	9/23	To S&A	✓ Request ship from Fleet Base to Boston radio apparatus for stock W Fleet Sup Base 9:29
446805	9/23	To S&A	✓ Request ship from Fleet Base to Philadelphia radio apparatus for stock W: RB 9-16; W Fleet Sup Base 9:29
446806	9/23	To S&A	✓ Request ship from Fleet Base to Norfolk radio app for stock W RB 10; 17 Fleet Sup Base 9:29
446807	9/23	To S&A	✓ Request ship from Fleet Base to Charleston radio apparatus for stock W Fleet Sup Base 9:29
446808	9/23	To S&A	✓ Request ship from Fleet Base to New Orleans radio apparatus for stock W RB 12/8 Fleet Sup Base 9:29
446810	9/23	To S&A	✓ Request ship from Fleet Base to Mare Island radio app for stock W Fleet Sup Base 9:29
446812	9/23	To S&A	✓ Request ship from Fleet Base to Puget Sound radio app for stock W RB 2/14 Fleet Sup Base 9:27
446815	9/23	To IN NY	✓ Advise has issued instructions re shipment of radio material to various yards for dis- assembly listed items to NY for stock W
452079	10;16	Crocker Wheeler Co	Wds. assembly drawings of motor gen set.

GENERAL INSTRUCTIONS:

Number.	Date.	From or To--	Subject.
428309	6:24	Wash	Sub report on test of 5kw arc motor gen.
✓ 429020	6:26	Crocker Wheeler Co	Reqt ascertain from Ward Leonard Co when final test and delivery of rheostats will be made. To CW Co cc to Fed Co- instruc issued by Fed Co should be followed, in conn with contr for equipment 7/3
428998	6/30	To Comdt Mare Island	Reqt correction discrepancies noted in radio stock system as reported to Bureau forms 307- and 307-B W
✓ 429528	6:30	Crocker Wheeler Co	Reqt pay bills of lading cov return of To CW Co- Inspr Brook has been directed to take ac 1500 have mach fwd to Norf 7/3 W
✓ 425819	6/26	To K& C Co	Reply ltr 6/16, cannot use commutator pullers mfg for CW machines, should ref to CW Co W
✓ 429774	None	Du Stand	Reqt of test of gen set sub to Bu. To Washn- fws cc y of report covering test of gen 331884- 7/3 W

GENERATING SDTS.

Number.	Date.	From or To -	Subject.	
432456	7/8	Mare Is.	Request vandykes of KC motor generator be furnished; W.	634
✓ 433563	7:17	Crocker Wheeler Co	Comments on mod of spec cov 20 kw are sets To C W Co- does not contemplate purc 7/25 W fwd Wash 7/28 RB 8:26 To—It is considered specfns have been misinterpreted- Calls attention to certain paragraph on sheet 36A explaining- 8/27	
✓ 438019	7:18	New Brunswick	Alexanderson speed reg detail report on.	W

Number.	Date.	From or To--	Subject.	
Wash 951	6/2	To Insp'r GE (T)	Bu 10228 test data and machine ratings based on Company tests will be acceptable. W	629
V 424610 ⁶	6:10	Insp'r Brook	Spec for low power arc radio motor gen for shipment. re st decision as to whether rheostats should be 15 or 25 step. To Insp'r Brook- Tel 6-12 To Insp'r Brook- ref covers gen requirements of field rheostats tetc 6-B	W
39649	5/19 6/3	San Diego Sta. Mare Island.	Motor generator and accessories recd. W&S	329
42735	6/7	To Insp'r Brook.	Gas. on line gen sets- States if Compely Mig Co will not agree to addtl test, desires sets be rejected on any point of non-compliance with specifications or delivery dates. L-S.	629
33014	6/13	To Marconi Co.	But taking up with S&A matter of payment under contr and action in regard to contr cov remodeled sets being taken. Will advise status of supplementary contr in few days. W-S.	629
1269	6/9 6/12	Insp'r GE Grati Lakes	Ask if factory inspection desired on motor generator ass. S.	629

GENERATING SETS

1919

Number.	Date.	From or To--	Subject.	
425715	8/11	Inspr Red	Report on material shipped cov motor gen sets. W.	830
✓ 426667	6/18	^{8/26} H C Co	Fwds instrum book for I 1/4 kw radio motor gen set.	
✓ 427317	6/20	Crocker Wheeler Co	Request further info in con with spec for motor set. To C W Co- specifics apply to lot of 450 motors 6/26 Crocker Wheeler Co 6/26	W
✓ 427305	5/19	Crocker Wheeler Co	Sub info re shafts for 2 kw machine on which work is being held up. Also sketch of armature shaft concerned 7/14 fwd Washn 8/26 RA 7:7 To (T)-Insp'r Brook notified as to action reference shaft lengths two KW sets. 7-15 MI- Crocker Wheeler Co- Request action 6/28 fwd Washn 7/1 Crocker Wheeler Co- 7:8	W
✓ 427377	6/19	Ward Leonard Co	Request on parts to Insp'r 190 request which have been ready for shipment for two months.	W
✓ 427967	5/23	Crocker Wheeler Co	Req rec from Fleet Sup Base for spare armature shaft, now to have further info. To- advised yards request refer more in detail to name plate data of dynamo electric equip when requestg sp & parts or renewals 6/26 To NY fws copy of lettr 6/26	

Number.	Date.	From or To—	Subject.	
46693	5/14	Cleve.	Matthews Engrg. Co. have not placed order 629 with G. E. Co. R st substitution of generators. manu'd by Imperial Elec. Co. L.	
42141	5/16	To Insp'r Brook.	Submits list of authorized modifications 629 cov 2 KW arc radio motor generators, Crocker Wheeler Co. W-S.	
918	6-5	To Insp'r Brook	Info how info was obtained that repairs neces sitat were due to negligence of one of emp, oyees of Crocker Wheeler Co W 629	
420621	5-23	Crocker-Wheeler (T)	Rest specfns for testing regulators on 2 KW arc generators. - W To Insp'r Brook- fwsd specfns 5-28 To G W Co fwsd specf 5-28	
422028	5:29	Insp'r Brook	Does reject all 2 kw radio motor generators with end play over 1/64"	W
422412	5:31	Adv Base	Fuel consumption and res test on 6 1/2 kw stand adv base gen set. report cov. To NY- fwsd copy of report of Copely Gas Engine Unit 6/27	W
36919	5/23	N.Y.	Generator sets for Key West and Brunswick 629 delivered and rejected; not in accordance with specifications. L.	
422925	5:2	Robbins & Mayer Co	Rest fwsd prints cov 1/4 hp DC motor for buzzer set. To R & Myers Co- fwsd prints 5-10	W

GENERATING SETS

Number.	Date.	From or To—	Subject.	
✓ 422882	6-2	Robbins & Meyer Co	Spec cov motor gen set, request interpretation of clause on heating	W
422502	6-4 To O W Co— purchase compl line of motor gen frames etc. 6/25	To Insp'r Brook does not desire to	Asks opinion if Dept should purchase motor generator frames as specified, Crocker Wheeler Co. To O W Co—calls atten to specfns 6-10	
37617	6-3	To Insp'r Busch Sulzer	Request ascertain from Wagner Elec Co reason for delay shipment of motor gen sets request expedited W S	629
42141	5-31	To Insp'r Brook	Confirms telephone conversation re: specfns for 2 kw arc radio motor gen being modified W S	629
423888	6-5	To Fed Co	Fwds two copies of specfns. covering requirements for motor generator for low power arc trans. W	
423090	6-5	To Insp'r Brook	Fwds two copies of specfns. W	
423091	6-5	To Crocker W Co	Fwds two copies of specfns W Crocker Wheeler Co 6:6	
44379	6-3	Insp'r Westinghouse	50 kw motor gen sets for various Yards reports on test covering S	629

Number.	Date.	From or To	Subject.	
44379	4/26	Insp't Westinghouse	Recommends requisition be drawn up, covering expense of addtl test of motor generating sets. LBS.	629
> 388905	From Card 66		To Norf-Fwds spec. 4:29 To H C Co-Fwds blue prints copy of spec. 4:29 To Diehl Mfg Co - Fwds blue prints copy of spec. 4:29 To Crocker Wheeler Co-Fwds final issue of spec. 5:3 To Fed Tel Co-Fwds letter from CW Co 5-26 To Fed Co- cc to O W Co asks re action taken 6/25	
42141	4/29	To Crocker Wheeler Co.	Advises have, fwded specifications to inspector, and believes will permit acceptance of motor generator sets, without further modification. S.	629
> 415462	5:3	TO S&A	Reqst shipment from NY to New Hampshire of radio storage bat.	W

Number.	Date.	From or To—	Subject.	
416327	4:24	Crocker Wheeler Co	Motor gen set being mfg by for Fed Tel Co. reqst inspec be instruc to pass same.	W
416321	5:6 test. 5-12	Wash Bu of Stand- 5:12	Reqst authority to fwd to Bu Stand one 5 kw Crocker Wheeler gen set, for insulation test. To Washn- reqst deliver generator to Bureau Stds for test 5-9 To Bu Stds—machine will be del to Bu Std for fwd two copies of specifications covering requirements of std navy 2 KW arc radio motor generators. type CB 1438- W To Comdt Washn- fwd 2 copies of spec 5-5	W
415874	5-6	To Washn Yd.	Rel to expediting shipt of motor gener- ators to Air stations. L.	629
45481	5/1	Insp Ohio		
416949	5:8	Crocker Wheeler	Bunker will be in Wash on 9th re spec for 2 kw arc gen. T	W
46693	5/12	To Insp. Cleve.	First report as to whether production of gen set being delayed on acct of inability to secure generators. First genl comment on material manu by Elec. Co. L.	629
42141	5/13	N.Y.	Recommends no rotating elements of 2 KW arc motor generating having armature cores fastened to shaft by friction only, be placed into service. Same should be supplied with keyed core lamination. W.	629

Number.	Date.	From or To—	Subject.
406694	4-1	To S&A	Reqt shipment from S Brooklyn to Washn one Telefunken radio motor gen set-
✓ 407926	4:2	Crocker Wheeler Co	Asks if test of 2 and 5 kw motor gen set at Washington Yrd has been completed
✓ 407583	4:1	Crocker Wheeler Co	Fwds letter from A Dets & Bros, req quotations on motor generators. To- asks addtl info 4-11
407461 SEP 77	4-4	To Insp'r Squantum Crocker Wheelr Co-Sub rep on exam of direct gen. W 5:15 To Insp'r Squantum- asks info w fwded in order reqn may be prep 5-4 To C W Co- reqst no further action be taken until further advices by SE 6-4 Crocker Wheeler Co 6:5 Insp'r Squantum 6:10 To Crocker Wheeler Co-Directs ship machine to Norf Yd to be salvaged- To Norf reqst info disp of gen 7/5 Insp'r Squantum 3/3-Reqst disposition of spare armature and boxes	Author return of defective apparatus C. Wheeler Co will be reqstd to investigate same W To S&A req shipment from Squantum to C. W. Co. Ampere radio motor gen 4-5 To S&A req shipment from Norf to Squantum radio motor gen 4-5 RB 5:7 To CW Co- gives extract from report defects 4-11 report on Crocker Wheeler generator. 5:6 W Crocker Wheeler Co- states will sub report on gen as soon as machine is rec. W 4:15 To CW Co- has no further info re 5-6 To S&A req ship from NY to Norf one 5 kw radio motor generator 6/27 rec back 8:5

Number.	Date.	From or To--	Subject.	
✓ 411372	4-15	American RR Corp	Req additional information in con with devel high voltage DC temperature in operation in connection with vacuum tube. American RR Corp-1st report of test on high voltage D.C. engine generator. 4-22	W
42141	4/16	To Inspr Brook	To American Radio R. Co-ackls let 22nd. Criticism of method of retaining armatures on 2 motor generators, Crocker-Wheeler Co. 4-22	2:28 9
614	4/17	To S&A Co.	Plases extract of report from Exrite on operations of 1-52 oil generating sets. comment. 4/	629 for
✓ 411375	4-18	To American R & H Co.	Problem of high potential power to place of vacuum tubes will be discussed at conference April 21st. Asks send rep. 4-21 ~~red tel to 4-21~~ American R Corp-4-21	
35838	4-17	To Inspr Brook	From results shown by test the gen meeting specns and may be shipt completed 40 gen should be shipt to R. av Air Stations 1	629
36919	4-18	Y&D	Asks why shipment of gas engine gen sets been del DA	629
44379	4-18	To Inspr westinghouse	Test re method to make it possible for mg to cut off shafts of motor gen sets before assembling etc.	629
35703	4/23	To S&A	400 KW turbo gen sets- Best shpt instrns be issued. for shpt to NY got. bill of lading. L.	629

N.S.E Form 136.

GENERATING SETS:

Number.	Date.	From or To—	Subject.	
402628	3:14	Insp Brook	Fwds let from Insp Crocker Wheeler stat To Insp Brook - sets of 4 add'l motor gen frames repaired 5-26	cont req authority to trim frames of 2 kw motor. To Brooklyn 3-19 re frames - W To C W Co - assignmeny type no made 3-21 Crocker Wheeler 3:24 Insp Brook - 3:8 Insp Brook 5:19
36896	5/15	Phila	Ask what constitutes complete sets for spare parts for portable generating sets W	629
403416	3-19	To Crocker Wheeler Co	Requ subm certified inv cov amt of ret transportation costs in conn w 1/2 KW motor gener-	
404453	3:20	Y2D	Cont with Bu/Casoline Motor Co. driven gen sets for storage bat. same available for use in this country.	W
404526	3:21	Crocker Wheeler Co-	Fwds photos of 3 Stand Navy Type radio motor mch. Crocker Wheeler Co-4:14 To CW Co- further comments reqstd rel to modifications 5-6	W
405255	3:24	Crocker Wheeler Co	Req copy of spec cov 2 kw motor gen for To C W Co- will fwd specfn later 4-5	Red CO W

GENERATING SETS

Number.	Date.	From or To—	Subject.	
✓ 396493	3-24	To Crocker-Wheeler Co	Acknow receipt of letter of 2-18, and drawings, consideration of, being given-	
✓ 406101	3;27	Crocker-Wheeler Co	Reports rec req from Beth S B Corp for describ motors of radio gen. and req instruc rel to giving out this info. To Beth Co- reqst info rel to need of data 5-7 Beth SB Corp- 5:10 To Beth S B Co- fws ins true W	
✓ 405749	3-28	To Chief Sig Off War Department	Asks results of tests, generator built by American H & R Co- War Dept-Sub report. 3;29 W To War Dept- asks fwd reports 4-11 War Dept-Are avail report of test, req be returned at time of file copies. 5:15 Sig Corps-Generator not avail for test. 5:10 reports 13 ned 6-26 to cr. rel. confirms return to Capt Hill	
✓ 407302	5;31	Crocker Wheeler Co	Req set of spec on test of 3 kw arc type transm.	W
407461	3;27	Insp'r Squanton	3 kw motor gen on destroyers 263, reports on data g to.	W

GENERATING SETS:

Number.	Date.	From or To—	Subject.
✓ 397278	2:21	Copely Mfg Co	Asks if Bu will order any generators, elec starters, etc. have sup on hand. To Copely Mfg Co. 3-15 W
✓ 397618	2-26	To Crockett Wheeler Co	Reqt fwds curves for assistance in determination of suitable motor field rheostat to be used in conn w std Navy 1/2 KW transmitter under development. To Crockett W Co- reqt tabulated listed on fwded re above. 3-25 Crockett Wheeler Co- fwds prints of curves. W #3
✓ 397622	2-26	To Dubilier Cond Co	Confirms phone conversation- fwds copy of drawing RE 21F 104E showing physical dimensions of terminal board and cover and proposed mounting arrangement for type CD 1448 protective device- reqt modifications. Dubilier Cond Co- fwds vandykes of prod device 3:14
✓ 397692	2-27	To Copely Mfg Co	Reqt if have special test device insor to check w/o w/ witness re: re report does not consider advis to crk e speeds of machine to allow crnter speed than 1000 R. P. M. Copely Mfg Co- Marines at Ph- Rejection of 5 1/2 KW set. W 2:17
✓ 397710	2-28	To Westinghouse Co	Confirms conference with Mr Adams and Mr Pierce- reqt fwd instruments to file for test. To Westinghouse Co- advises re report will be sub- sig until instru fwd to Bu- status 3-5 3-5 to re- reqt tests 3-5 NY- Asks status of ammeter 5:28
Westinghouse 6/14 Cannot ship before July 29th. W To NY- del cannot be expected until prior 8/1 6-19 NY 6:24			

Number.	Date.	From or To--	Subject.	
✓ 398140	2:25	American RR Corp	Fwds prints showing high voltage being devel. To American Radio and Re Co. asks be kept informed of re of tests of high voltage machine re std on high power tubes- 3-22	
✓ 398586	2:27	H C Co	Fwds prints of 1 1/4 kw radio motor gen set.	W
395465	2/8	MI	asks if transfr and motor generator shall be shipped to NY for test To MI request appr be held pending diap by	876 Bu 2/25
✓ 401647	3:11	Crocker Wheeler Co	Req order cov repairs to radio motor gen sup to DeForest Co. To CW Co- reqst tender bill 3-25	W
402320	3:13	Crocker Wheeler Co	Gen sets for Shore Storage Bat of 1/2 kw, racs that this set be scrapped and 1 kw, or 1 1/2 kw destruct.	W

GENERATOR WORK.

Number.	Date.	From or To—	Subject.	
✓ 390119	1:29	Crocker Wheeler Co	Fwds drawings showing changes in terminal Brd for radio motor generators.	W
388903	1-30	To Firms	Fwds minutes conference Bu Jan 17th specifications for arc motor generators Deahl Mfg Co - 2:11 H. C. Co - Sub comments on spec. 4:19 H. C. Co - Submits suggestions. 4:22 To C W Co - comments reorg arrangement 5-15 Repts shipment from NY to DeForest Radio Co 1 2-KW radio motor generator.	W
390072	1-31	To S&A		
✓ 391070	2:1	Crocker Wheeler Co	Points on 2 kw radio ar generator set. req same be cleared up as soon as possible.	W
✓ 391692	None	Sterling Engine Co	Req info as to how to go about securing orders for engines and generators for radio work. W To—Suggest communicate with companies who have manfd such apparatus for Dept. 2-10	W
1892138	2:5	Standard Gas Engine Co	Asks if bureau interest in three searchlight 110 hp. stationery engine used in Alaskan radio work. To—Spins re above will be prepared by Comdt 12th Dist. Your ltr reqd for attention 2-10 Fwd Com dt 12th Dist 2-10 Bu Stand-Fwds report. 2:26	W

Number.	Date.	From or To—	Subject.
✓ 394605	2-14	To <u>Crocker Wheeler Co.</u>	Bur ack 2 drawings of igh voltage motor generator set - W
345487	FROM CARD 56		To 6th Dist- Re radio app shipt Chasn in error- Rgst locate and expedite return to owners- 2/18 To S&A- regst CW Co to be reimbursed for trip charge of \$9.45 3-28 Crocker Wheeler Co 5/12 Rgst payment of invoice to C W Co- rel to payment to be made 5-22 Crocker Wheeler Co 5/23. Fwds bills fwd S&A 5-31 RB 7:1 fwd S&A 7/3 RB 7:15 S&A- Fwds letter from Crocker Wheeler Co enclosing freight bills. asks if shall be paid. 7:12 fwd S&A 7/18 S&A- Regst contract number Crocker Wheeler Co- Fwds corrected invoice. 7:30
✓ 396609	2:19	<u>H C Co</u>	Fwds instruc books for one and two kw motor generator set.
✓ 396853	2:20	<u>Crocker Wheeler Co</u>	Req return of 2 arc type generators at Wash fnd for Test. W To Washn- regst data be fwd 4-9 To CW Co. re return of machine 4-9
✓ 396855	2:20	<u>Crocker Wheeler Co</u>	Req return of motors and generators, and decometers to various yds. Cross to 918 to Crocker Wheeler Co. 3-15 Submits info re shipt of material.
396493	see card 69		

GENERATING SETS:

Number.	Date.	From or To—	Subject.
✓ 383336	1:7	Crocker Wheeler Co	Fwds copy of name plate to be used on Fed Co generator. W To— Above, are approved 1-13
✓ 384327	1:8	Crocker Wheeler Co	Criticizes terminal brds covers of Electro Mfg Co. 1-10 regarding bureau's prints cov method of mounting devices, terminal brd and covers. W Cross to Switchboard. To Crocker-Wheeler Co- Reats they com with Electrose Mfg Co re above alteration 1-13 To Elec Mfg Co in re above 1-14
✓ 384754	1-14	To <u>Electrose Mfg Co</u>	- F is latest revision of terminal board and cover W
✓ 384755	1-14	To <u>Crocker-Wheeler</u>	Fwds latest revision of terminal board W Crocker Wheeler Co-Copy of let to Electro Mfg Co asking if will make change in Fed. 1:18 To— Fwds copies of revised prints 2-1
✓ 384786	1-15	To Inspr Phila	RE modification in installn of radio trans mitters type SE 1100 on flying boats A-16-F-5 W
386415	1:16	Phila	Conf tel conv in con with status test 5 kw arc generator. W
384992	1:17	Insp'r Erie	Copy of letter to Erie Forge Co req infor.

4281

39105

Number.	Date.	From or To—	Subject.
381273	1-28	Crocker Wheeler Co	Req. info Bureau's approval 5 kw arc generator to test, 12-31-20 being held up To — Two D.S. arc type machine approved. No further alterations required 12-31
378029	12-30	To Federal Telegraph	- Ack receipt of their let 12-20- Has marked drawings required by Navy Dept-switchboard and wiring diagram of 80 KW Shore station arc equipmt 1-30
382314	1-2	Phila	Conf tel conv relative to test motor generators.
382175	1-4	To Crocker-Wheeler Co-	- Repts that their rep be sent on Jan 17th to draw up specifications for standard Navy radio motor generators for use with arc transmitters Crocker Wheeler Co-Make appointment for 1-17 H C Co - 1-9
382700	12-14	Phila	Conf tel conv relative to experience in arc generator.

Number.	Date.	From or To—	Subject.	
✓ 372732	11:26	Crocker Wheeler Co	Asks if company is prepared to f.d. prices cov. 10 or 12 kw sets. Co-Reply to above 12/3	
✓ 372811	12:4	Crocker Wheeler Co	Terminal board and cover for 2 kw. generators. Asks if small order material direct from supplier.	
✓ 375415	12-9	To Dubilier Condenser Co- Phila- Fwds and asks about an protective device. W 7:2	Fwds drawing of latest type radio pro- tective device for protecting 2 KW arc radio motor generator To Phila- Fwds above and asks that sample be tested and recs made 12-9 12:12	W
✓ 376641	12-13	To Crocker-Wheeler Co	To Phila- instruct re spec 6724 Rh- Asks for sample protective device, cov. 7:1 Gives direction re securing of name plates on 2 H.W. motor generators for radio transmitters	W
✓ 377167	12:16	Electro-Mag Co	Mentions to 1. H.W. Crocker Wheeler Co. Asks if they will take order for 2 sets.	
✓ 379167	12:23	Dubilier Co	Req. f.d. re. cov sets.	
	1/1			

GENERATING UNIT:

Number.	Date.	From or To—	Subject.	
278174	12;16	Crocker Wheeler Co	The motor returned to factory for To Wash- Asks that above be tested for final approval Washington Yrd-Fwds curves.	W
378029	12/18	To Fed T 1 Co.	In re to motor generator and equipment of ar transmitter being purchased for installn at Mori.	
278207	12;17	Crocker Wheeler Co	For dia ra cov 2 kw motor shipped to NY for test.	
40339	12/18	To Insp'r Seat#20. (T)	Kilbourne & Clark contr. Holtzer-Cabbot motor generators type GA, 600 ac entable for type CB 225 specified.	629
378984	12;27	Crocker Wheeler Co	To Crocker Wheeler Co 1/7 cc atr of 1/22 fu req opinion of Co as adaptability of modif ications.	
379662	12-24	To Hamp Rds-	RE modification of dynamotor type CG1500 slow in attaining normal speed on starting W Hampton Roads - Report of test. 12;31 To ME- Above changes should be ~~W~~ embodied as soon as possible 1-15 To Hamp Rds- Fwds bpr ints 1-15	

1917-1918:

Number.	Date.	From or To—	Subject.
✓ 509278	11:15	G E Co	Will sub lug terminal in place of socket in accordance with sketch enclosed.
✓ 509274	11:15	Crocker Wheeler Co	Req that 2 kw motor generators being ret for repairs be traced.
✓ 509356	11:18	Crocker Wheeler Co	sub info in place with made in 2 kw motor generator for use with Coulson Arc system.
✓ 370141	11:18	Crocker Wheeler Co <u>CANCELED</u>	ask if ret to quote price on 1/4 and 1/2 kw motor generator ret to military Academy.

Number.	Date.	From or To—	Subject.
370060	11-20	To GE	Reqs that dynamotors be provided with terminal blocks as per bprint as CC-FBI prints showing terminal blocks. 11-29 W
333375	11/13	To Airas Lihed.	Re: Airas Lihed. 11-29 W 898
371320	11;20	West E & M Co	Sul quotations on induction motors 10 hp W
270832	11;21	Crocker Wheeler Co	Asks if any objection to sul quotations J in Nottingham cov radio app. 11-29 To—has no objection to quoting parties, 11-29
271841	11;22	Crocker Wheeler Co	Asks if any objection to sul lid on motor in Nottingham cov radio app. 11-29 To—has no objection to quoting parties, 11-29
337427	11/20	To NY	Re: NY 11-29 W 898

Number.	Date.	From or To--	Subject.
✓ 3537 C1	11-1	To Feder 1 Telegraph Co-	its alterations necessary to 1 KW generator set 35-1-100 t. 14114
✓ 3537 C1	11-2	To Firms & Yds	allies to entire lot of 300 motor generators supplied on contr 42141 1/4 S&A: wa for info in connection with contract 14114 to Fed tel Co addtl charge of 90.00 per motor generator
✓ 355094	11:1	Insp'r Brooklyn	modification of 1 KW generator set 35-1-100 t. 14114 has increased the synchronous speed of generator from 1150 to 1200 rpm approximately 8%
✓ 355558	11:2	Grocker Wheeler Co	Feds copy of letter from Grocker Wheeler Co giving info as to how soon can turn out 100 generators with priority. To Insp'r Brook. Gives authorized modifications in design of aircraft radio generators 11-20 Grocker Wheeler Co 11:25 To Insp'r 11-25-11/5-1 Co. Replying to l.t.
✓ 357424	11:6	Insp'r Brooklyn	Req'd tracings after 2 kw generator test at Washington Yard and return to com. div. To--gen set in question located at Wash 11-8
382175	1/4	To Holtzer Cabot Co. To Norfolk Va. Repts that rep be present at test and bring data for drawing up of specifications 1-4	Req'd representative be present at conference 1/4 with data pertinent to specifications for standard Navy Radio motor generators for use with arc transmitters 1/4

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GENERATING SETS:

Number.	Date.	From or To	Subject.
✓ 362339	10:25	Crumble Elec Co	Req shipment K C order, 29th Tel
✓ 362339	10:23	Robbins & Meyer Co	Tel-Will have complete motor test 11:1 for K C Co. It will be shipped by express balance by freight.
✓ 362567	10:26	Driver Harris Co	K C order shipped 26th. W Driver Harris Co-Material shipped 10:26
✓ 362573	10:26	Elec Cont Co	Will express 50 hand starters on KC order 11:20 T

GENERATING SETS:

Number.	Date.	From or To--	Subject.
✓ 362574	10:26	Elac Cont Co	Will express 50 starters with spares on K C order 11:20 W
✓ 361611	10:22	Hart & Wageman Mfg Co	Asks when will be ready to run test on 15 kw arc generators now at Wash yard. W on order for test at 11:00 or 10:30 beginning Monday 10-24-28 10-28
✓ 363443	10:11	Crocker Wheeler Co	Proper lines covering dynamometer sent to Norfolk for test, rec & return of to Retns copies of reports on sample dy namometer type 1/2 DUSH 10-30
✓ 363626	10:28	Copley Mfg Co	Have 6 Crocker Wheeler generator sets left over, can make quick delivery of 1/2 kw units. W Contractors 1-4
✓ 364600	11:1	Inspur Brooklyn	Req award cont to Crocker Wheeler Co, sat arrangements made. W

GENERATING SETS

Number.	Date.	From or To—	Subject.
✓ 359868	10/17	Crocker Wheeler Co.	Copy of letter to Insp. Brooklyn in connection with revision of specifications for attaching hinges and bases to 102
359848	11:4	Fed Tel Co	P. Stewart & Co. have units available for immediate shipment.
✓ 359942	10/18	Lahl Mfg. Co.	Telegram sample 2 K.W. motor generator for Parks radio will be shipped to Washington yard Oct. 19 by express
✓ 360116	10/18	Crocker Wheeler Co.	Submits quotation on 9 1/4 H.P. Motor W
360166	10/18	Lowenstein Co.	Copy of letter to Crocker Wheeler Co. requesting expedite delivery of spare parts for 2 K.W. Motor Generators already delivered on contract

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GENERATING SETS

Number.	Date.	From or To—	Subject.	
360604	10/15	Insp. G.E.	Fwds recommendations and prices for spare parts for 150 KW oil engines	
✓ 359829	10/23	To Federal Telegraph Co	Gives requirements specified for 5 KW motor generator to be submitted by C.W. Co (Crocker-Wheeler) for suitability test	W
			and list firms to which inquiries were addressed concerning available equip for insd. purchase. W	
✓ 361953	10/21 10/25	G. M. M. Co		W
362872	10/24	Insp. Brooklyn	Conf tel conv rel to statment that bureau was backing up Insp Brk in everything with com to Crocker Wheeler Co W	
✓ 362977	10-29	To Insp Brook	Fwds let to Crocker-Wheeler advising that no large orders for motor generators below 1 KW capacity will be placed until they can be made promptly To Crocker Wheeler Co ditto 10-29 To Crocker-Wheeler re inability to del motor generator sets 11-8	W

COMMERCIAL SETS

Number.	Date.	From or To—	Subject.	
✓ 358483	10-16	To Crocker-Wheeler	Alterations as listed are required to the Sample 2 ZV arc type motor generator set tested at Wash	W
✓ 358890	10.15	Crocker Wheeler Co.	Order for two generators to be used by Bureau - request information in connection with voltage of	W
✓ 358852	10/7	Kare Island	Fwd's report of test covering 1/2 K.W. Gas driven power unit	W
358258	10-10	..Y	Confirms telephone conversation re shipment	W
✓ 359531	10/14	Marconi Co.	In starters and starter transfer switches relative to making as independent units To — This let Bu of 10-21 to Industrial Controller Co 10-23	W

Number.	Date.	From or To—	Subject.	
✓ 359509	10/16	Crocker Wheeler Co.	Fwd's report of 1/2 K.W. airplane generators W	
✓ 359214	10/15	Crocker Wheeler Co.	Orders report of status of airplane generators W	
✓ 359627	10/17	Crocker Wheeler Co.	Fwd's report of status of one half K.W. Generators for airplanes W	
✓ 359606	10/17	Federal Telegram Co.	Confirms telephone conversation relative to specifications of motor generators sets furnished by them to various Navy installations W	
359702	10/10	Boston	Confirms telephone conversation relative to shipment of motor generator sets W	

GENERATING SETS:

Number.	Date.	From or To—	Subject.
✓ 354194	9:30	Crocker Wheeler Co	Req standard form of contract to cover mfg of four motors mfg under order of Et LeClair W
✓ 354506	9:21	Insp'r Brooklyn	Fwds copy of corresp in connection with Crocker Wheeler req to furnish to Bush shafting machine under size. W to Crocker-Wheeler Co. Fwds 10/5
✓ 354190	9:30	Crocker Wheeler Co	If navy dept will standardize 2 kw arc sets Co will furnish complete set of work draw, designs, etc. to other mfg for consid.
✓ 355308	10:3	Crocker Wheeler Co	Reports, fwds sketch one kw motor.
355783	10/5	Erie T	Motor generator sets - Burke Elec. Co shipped 10/5 - S
255787	10/1	To Pls	Robbins-Meyers-Fwds prints describ Eck Motor Co- Describ meters co can furn. 10:4 motors. 10:5 -- 10/7 Both Pres. Fwds samples pamphlet describing motors

- Over -

GENERATING SETS:

Number.	Date.	From or To—	Subject.	
✓ 355983	10:3	Buf Forge Co	All blowers on order have been shipped. shipment of spare parts will start at once.	W
✓ 355793	10:2	Crocker Wheeler Co	Sub status of devel of 1 kw radio generator for airplane work in con with International R T Co Crocker Wheeler Co. Oct. 18 - Reports on progress of 1/2 K.W. sets	
✓ 355248	10:3	G S Davis	Sub schedule cov deliv can be made of 2 kw transm sets prov prompt deliv are made by R C and other companies of nec material.	
✓ 356897	10/9		Submits memorandum of reading held at radio laboratory at Washington between Bureau Federal Telegraph Co/ and Crocker Wheeler Co, re present- ative in connection with two K.W. Arc. motor generator	W
✓ 353437	10/15	Western Elec. & M Co.	Submits quotation Cibola Eng. Co. Oct. 21 - Fwds copy of drawing	

GENERATING STTS:

Number,	Date,	From or To—	Subject.
350272	9:6	MI.	Aw a report on heat of 5 kw 500 cycle MI motor generator type SE 794
✓ 351234	9:21	Deahl Mfg Co	Diehl Co-Motor generators deliv to Newark 10:22 Tel. Res. appointment for their chief engineer in con. with a/c of 3 1/2 kw motor generator sets. W. Diehl Mfg Co-Tel. req action. 9:25
✓ 351805	9:23	Crocker Wheeler Co	To—Comments on a ovr. 9-28 To Diehl Mfg Co—Will make shipment 10:2 To Wash. Suitability tests of motor generators for use with arc transmitters 10:5 To— Gives result of test of motor generators for use with arc rad. transmitters. 10/5 Sample sub of ball bearing pulleys, sub quotation covering. W
✓ 352671	9:24	Dublier Condenser Co	Req authority to procede with patent dies, etc covering antenna shortning condenser. sub quotation on. W
✓ 321692	9:24	Holzer Cabot Co	Edws print showing rheostat data.

GENERATING SETS:

Number.	Date.	From or To	Subject.
✓ 352715	9:25	Crocker Wheeler Co	Submits status of shipment of 1/2 kw airplane generators. W
✓ 353077	9:26	Crocker Wheeler Co	Reports on shipment of airplane generators. W GE CO, 10:1
✓ 353231	9:27	Crocker Wheeler Co	Sub estimate on parts most sub to wear on radio generators. W
✓ 353220	9:27	Crocker Wheeler Co	Sub status on mfg of airplanes generators.
351204	SEE OTHER SIDE		Insp. Brooklyn Oct. 19
	To Diehl Manf Co - Will be notified of result of test of 2 KW Motor generator 10-29		To Wash. Diehl Manf Cowill ship motor generator on 10-20th. Asks report of test and suitability 10-23
	Wash. Diehl Manf Co - 10:4		Insp Brook- (T) 13419 Express from Diehl Manf Co-arc radio motor generator for test Wash 10-23

GENERAL INT. CTR:

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Number.	Date.	From or To.	Subject.
✓ 340993	2:23	Triumph Elec Co	Contract with K W Co for radio motor generators sets, protest - inst progress of work.
✓ 343184	8:28	Robins & Myers Co on motor shaft of rotary spark	Spec radio spark gap motor complying with Navy specifications being furnished to various radio companies, request information in connection with new taper for. W To Phila. Encl. copy of let. 6/28 for information. 9/6 Phila- rec reply to let of 15th. 10:29 Phila- Encl. 11:6 Phila- Encl. 11:21 To Phila- No more of additional gauges for taper
✓ 344318	8:30	Crocker Wheeler Co	Req authority for S S Wheeler to visit Tuckerton and Belmar stations. Phila. Oct. 15 Request approval of manufacturing engines - I was drawing
✓ 345079	9:3	Copelley Mfg Co	I was photo of 1/2 kw radio power units, also 1/4 kw power units and cart for field set
✓ 345628	9:6	Crocker Wheeler Co	No req for bid 15 kw generator received, asks reasons why. W

GENERATING SETS

Number.	Date.	From or To—	Subject.
✓ 344336	9:3	Lalley Electro Corp	Confirms tel relative to furnishing their sets.
✓ 345358	9:6	Crocker Wheeler	Radio Apparatus Company req authority to quote. W To — Repts. that no quotation be supplied Rad. Appar.Co. 9/10
345467	9/10	To S&A	Repts. shipt. of radio apparatus from Boston to Wash. for B.of Stand. W
✓ 345467 TO GD 67	9/12	To Crocker-Wheeler Co. To S&A - Rept. shipt from Chasn to Crocker Wheeler motor gener-ator - 8/18	Repts. loan of motor generator. W
345913	9/11	To Boston (2)	Asks to inve. to cause to burning out of m. generators & trans. W
✓ 349553	9:16	Crocker Wheeler Co	J E Steele, London, req c.f. in connection with wireless apparatus, asks if advised to be furnished.
✓ 349924	9:16	Elec Cont Mfg	Req authority to submit for test one kw starter for motor generator, set.

GENERATING SMS:

Number.	Date.	From or To—	Subject.
✓ 343766	8:29	Crocker Wheeler Co	Req bureau arrange reservations on boat going to Hampton, Va in connection with radio meter at station.
✓ 342984	8:29	Crocker Wheeler Co	TEL:—No req for bid on 5 kw generator rec, understand bid opens 9:3
✓ 344334	9:3	Lalley, Det	TEL: Are in position to deliver plants at once, req company be given order covering. W
✓ 344336	9:3	Lalley, Det.	TEL: Req order be given to company now, just what bureau wants, can make prompt delivery.
✓ 345499	9/7	To Insp Br ok	Attd that spectio of site be passed without 918
✓ 341692		See CARD 51	To Halsey & Co. Bot. Co. Re: bid to covering 1719

G. E. TESTING DATA

Number.	Date.	From or To—	Subject.
✓ 350077	9/19	To GE Co.	✓ Subject. Arrn wants 2 sets to advise if start. & then sample. Let Will L. v 11 bld for test. W To GE— Asks reply to let of 9-19th 11-30
✓ 350094	1/19	To Crocker-Wheeler Co.	R. Forming to attached, " has no knowledge of L. L. order. W
✓ 349924	9/21	<u>1919</u> To Elec. Contr. & Co.	Instructions re test of starter. W To Norf. Re above. 9/21
345486	2; 18	To 6th Dist	R B 3;3

GENERATING SETS

Number.	Date.	From or To--	Subject.
✓ 336786	8:12	Crocker Wheeler Co	Sub list of material covering 5 k w parts on hand, asks if can be used.
337172	8:12	Hampton Roads	Fwds report of test. W
✓ 337363	8:10	Hampton Roads	Sub list report of test of motor wfy by Fort Wayne Elec Co.
✓ 338295	8:15	Crocker Wheeler Co	Sub quotations cover shafting extension on motor ends.
339694	8/26	To Wash	Gives instrns for test of motor generators 876 ~~200~~ p.meters
339810	6/31	Fwd. Y&D	No present need of material ref. to. SL R&E Co - Req reply W 9:3

Number.	Date.	From or To--	Subject.
330930	8:5	To Crocker Wheeler Co.	Crocker Wheeler Co. Request instructions. 8:12
✓ 335951	8:5	Crocker Wheeler Co	Fwds print of motor generator naming plate and part number. W
✓ 324479	8:6	Ward Leonard Co SEE CARD 51	Relative to shipment of rheostats. W Ward Leonard Co - 3/18 (T) sets shipped 17th
330371	8:13	H & C	Old Number
331692	8:13	H & C	Old Number



Number.	Date.	From or To	Subject.
✓ 333462	8:15	Philay	Spares for motor generator apparatus. submits detailed list of requirements covered.
337701	11:5	Wireless Spec Co	Failure not due to light cov.
✓ 339210	8:19	Robbins & Meyer	Asks if shall furnish all sets on each navy yard or ship building plant with v-p-ds etc. will be considered expense if ordered to do so. Re-Replying to above. 9/18
✓ 339192	9:19	Washington	Sub report of test 3/4 kw storage by Copely Mfg. Co. To Copely Mfg. Co. Attaches copy of report. 6/28
✓ 339695	6/22	To Western Elec. Co.	Ack. recd. of motor generator & potentiometers, for tests. W
✓ 339696	6/22	To NY	Pls. blue prints. W NY- fws report. W 9:12
✓ 340463	8:22	Crocker Wheeler Co	Fws copy of let to Triumph Elec Co in con with shipment of spare parts, gives status of.
✓ 339810	8:5 8:21	Swartz Elec Co C&R	Offers Crocker Wheeler generator and switchboard for sale. W

Number.	Date.	From or To--	Subject.
330221	7/26	To Crocker-Wheeler Co.	Recd. rec'd of 1 to re generator at of Crocker-Wheeler Co 6/15 - rec'd in sheets - 7
330234	7/27	To Crocker-Wheeler Co.	Att ch. 1 to. Spooling drawing re constr. d tails for ball bearing pulley. W
330271	7/29	To Holtzer-Cabot Co.	Stator motor inner parts should be changed to improve efficiency. Give further instructions. W to States that it is desirable that voltage range be as given. Quotes lot 7/29. 8/1
331504	7/27	Triumph Elec Co	Rept where contract for 75 1/2 kw radio sets is placed. W
337621	7/31	To Holtzer-Cabot Elec. Co. (T)	250 cycle alternator field rheostat reduces open circuit voltage to 40 by test. W
331043	7/31	To Mare Is. (T) <u>CANCELLED</u>	Reqt. requir. # & date award en'll elec. motors. W GE Co. W 8:1 Mare Island TEL: Requisition 104 award to
330347	8:2	Holzer Cabot Co	are in position to furnish motor generator set for radio work. W

GENERALING SETS:

Number.	Date.	From or To—	Subject.
325504	7:11	Triumph Elec Co.	TEL: Cannot complete additional sets until communication received from Crocker Wheeler Co W
324748	8:2	Ward Leonard Elec Co	Submits quotation.
325520	8:23	Miami	Fwds prints to D C Generator & Motor drawn up by enlisted man named Hooper
326564	7:13	Triumph Elec Co.	Asks if set to discontinue sending blue prints, and fwd only weekly schedule report. To Satir. to submit weekly blue print form 7/20 Triumph Elec Co - Fwds schedule as of 8:1
326718	7:11	Crocker Wheeler Co.	Request new type number be given in place of type CB 223 covering motor generator order in order to cause no confusion.
327744	7:17	New York	Delgo unites, fwds vandykes covering operation etc.
328718	7/19	To Crocker-Wheeler Co.	Replying to let. of 6/11 agrees that it is advisable to distinguish between machine with ex. on it and without the extension.
327909	7/20	To Crocker-Wheeler Co.	Re:td. they build a puller as indicated.

GENERATING SETS:

Number.	Date.	From or To—	Subject.
✓ 328766	7:19	Triumph Elec Co	Have received shipment of 10 commutators shipped from Crocker Wheeler Co 5:18 W
✓ 329041	7:17	Howell Motor Co	*Rds catalogue describing their motors. W To— If Dept. in need ill notify to bid. 7/24
✓ 328871	7/23	To Triumph Elec. Co. To Crocker-Wheeler Co.	Rents. to quote spares listed for motor commutators. W Same as above. Crocker - Wheeler Co 6/17 - sales & location.
✓ 329046	7/23	To Crocker-Wheeler Co. New York - 8:27 Norfolk - 9:30 To Washington 9:21	Asks time nec. for bldg. of set of motor generator. Crocker Wheeler Co - Sub quotations: 8:9 Crocker Wheeler Co - Req reply 9:4 Sam - Req action R 9:14 20 1st. 1st. & 3rd. Ask 1st. 1st. to avail- Sub report of test of Delarette generator for use with arc radio transmitter. W
✓ 329402	7:10	Ware Isl.	
✓ 330880	7:26	Crocker Wheeler Co	Quotes letter and reqst permission to submit quotations.
✓ 331506	7:27	Hammond Teserv Lab 222 1st St. N.W.	Reqst loan of motor generator in connection with demonstration of their sets. W

GENERATING SETS:

Number.	Date.	From or To--	Subject.
✓ 317552 Old number	6:17	Elec. Cont & Mfg Co	Fwds pamphlet describing 1 k w starter for use in connection with 1 k w motor generator on radio set. W
✓ 319344	6:21	Copeley Mfg Co. To—Rost fwd Bur all data re rebuilt geared gas engine- 2/15 Fwd S&A 2/15 fwd S&A 3-24 S&A-Fwds correspondence. 5:22	Fwds receipt of generator set from Norfolk Yard for repairs. States would cost more than new set. W To Norf. Re remodelling KW motor boat set engine unit returned to Copeley M Co. 6/27 Fwd Norf 1-15 received back 1:29 To S&A 3:3 R B 3:22
302079	4/28	hila	To—(T) Ship charging unit Radio Test Shop Wash. 6/26 Copeley Mfg Co. - Set will be shipped by 6:27 express. W 6:26 Copeley Mfg Co - K w set fwd to Washington Yrd 6:7 Fwds blueprint and memo concerning rotary adjustable gear and S. M. C. S. To Rost 1:25 fwd Radio Motor Generator on 1/5 Harc Island-Fwds description of radio motor generator as installed on the 6:11 4:11 3:3 And Holtzendorf at Elec Co's test documents 876
35022	7/26	To Rost	

882 -- 3.

GENERATING STATION: MOTOR.

Number.	Date.	From or To--	Subject.
320355.	6/24.	Crocker Wheeler Co. Crocker Wheeler Co - Reqt confirms orders 7:23 To - Gives 8 of machines ref. to 7/12	Have entered order for dynamo motors as listed, submits quotations covering, reqt fwsd requisition covering. W. To - Crocker Wheeler Co 7:5 To SAA via Secy of Navy. Reqt. to issue notice of award to Crocker-Wheeler Co. in order that no delay will be incurred in making ship. 7/12
321589	6:25	Marconi Co.	Asks if satisfactory to have radio transmitter be furnished without speed control rheostats. W To - Author. Granted to equip transmitter with a constant speed 440 V.D.C. motor. 7/12
322100	7/1	To Holtzer Cabot El Co	(T) Proceed with h. speed set if del. lat S sets in 6 wks. is assured. W
32112	7-3	To Holtzer Cabot El Co To Ward Leonard Co. Gives instructions re winding motor generators. 9/7 To Holtzer Cabot Co. Reqt. to improve delivery. 9/7 Ward Leonard Co. Will advise when rec from company W 9:10 CARD 57 H.E. Co. expects to complete order in 10 days 7:5	Reqt. machine for 15 motor generators set in re to W. Reqs vandykes showing over dimensions. 7:8 To - Spare parts for motor generators shall be supplied in accord. with specificat. 7/12 To - Holtzer Cabot El Co. Reqt. to equip motor with 25 rheostats. 7/12 Holtzer Cabot El Co. Reqt. to equip motor with 25 rheostats. 7/12 Reqt. authority to fwd alternator current deduction motors to navy yard for test. 7/12 To - Reqs. cuts, plans & tabulated test data. 7/12
323723	7/9	To GE Co.	Triumph Elec Co - Fwsd general bulletin 8:8 Asks whether or not you think a homo-polar generator could be designed to meet requirements stated in lat. W Reqs. to be advised re cost & del. of 25 rheostats. W G & C - 7:29 n Ward Leonard Co 7:24
324479	7/10	To W. Leonard E. Co. To - Reqt. to fwd. price of 1000 on 10 motor & generator P.M. Q. 12:25	

SEE DUPLICATE 53

(over)

REMAINING SETS: 100012

1910 Duplicates

49

Number.	Date.	From or To.	Subject.
> 298582		CARD 47	Rep. St. - T - Request send generator by special messenger or express. - - - - - to - - - - -
J 311501	5-29	Crocker Wheeler Co	Daily report will be filed showing exactly what machines had been shipped during that day. -
J 311208	4-29	H Macornack	Can file immediate shipment of 12 condensing Westinghouse geared turbo generators - submits quotation on. -
J 311512	5/8	Crocker-Wheeler Co	Instrn books on arc sets - request copies for use in making up specifications for 600 volt generator -
J 311557	5/28	Crocker Wheeler Co	Quotes letter from Purdue University requesting quotation on generators -

GENERATING STATIONS - MOTORS

682-5

Number.	Date.	From or To--	Subject.
311755	1-5	To Crocker-Wheeler Co	By needs of 1 K W motor generator with 80 volt. - C - gives information Crocker Wheeler Co 5/8
312365	5/31	Crocker Wheeler Co	Submits information re new 1500 v 1t dynamotor weighing about 28 or 30 pounds now under course of constrn - W
312975	6/3	Crocker Wheeler Co	Temperatures in Sperry gyro type machines - request Insp be notified of instrns in connection with - W To Crocker-Wheeler-fwds copy letter June 1st 6-6
✓ 314160	6:6	Crocker Wheeler Co.	Asks if any objection to company submitting quotation to S.D. STATE COLLEGE on generators. W To Crocker-Wheeler Co- no objection to above-not to interfere with work of Gov.-6-10
✓ 314071	6/6	Crocker Wheeler Co	Request fed instrn booklets covering machines to be used with federal telegraph arc sets - W
✓ 314779	6/1	Triumph Elec Co	last 4 arcs' acc'd to Triumph Eley of poles from Crocker-Wheeler Co. W

CABLES 3 MS : MOTORS.

1918

50

Number.	Date.	From or To	Subject.
315046	6/8	New York	Finds prints showing latest alterations to ~~brush~~ brush and ball bearing for 1.2 k w Crocker Wheeler Motor radio generator. W
?	6/c.	Marconi Co.	Calls attention to faults in Crocker 629. 629 Wheeler generator-W.
314551	6/7	Crocker Wheeler Co	50 1 k w motor generator for E J Simon on French contract, states that price has not been increased. W
1-070	6/12	To Crocker-Wheeler CO	Will send copy of specification as soon as possible. W
316827	6/11	Ward Leonard Elec Co	Submits facilities of plant for use of field rheostats for 1 k w sets-can handle Govt work. W
319444	11:28	Copely Mfg Co	Old letter Copely Mfg Co-Material received at Norfolk 12:9 Copely Mfg Co-Fwd's copy of all correspondence 2:18 W And 3-4 3-4

GENERATING SETS; MOTORS

Number.	Date.	From or To—	Subject.
✓ 318612	6:8	Mare Island	Repts approval of ~~of~~ tests covering D C motor generators in stock at San Francisco. W
✓ 319392	6:22	Lalley Elec Co.	Tel. Offering late delivery of generating sets for radio. W
✓ 319411	6:20	Triumph Elec Co.	Change in design of armature will delay shipment, explains why necessary. W
✓ 320574	6:22 6:24	Lalley Elec Light Corp Department	Fyds copy of tel and letter relative to supply generating sets, quotes prices. etc. W
319821	6:25	Norfolk	X W hand armature motor starter submitted, fyds report of test. To Monitor Contr. Co. W gives list of improvements for starters. 6/29 To Norf. Ack. rect. of report re tests on starters. 6/29 To Monitor Contr. Co. Tel tel that that Monitor Contr. Co. will re-submit starter. 7/9 Monitor Controller Co - 7:23

Number.	Date.	From or To—	Subject.
✓ 307109	5-16	To Crocker-Wheeler Co	Crocker-Wheeler Co. order 1-17 order for 24 volt storage battery for it-17 Crocker Wheeler Co 5-18
✓ 307277	4:14	Triumph Electric Co.	Fwds copy of letter from Wireless Improvement Co. requesting information returns or settlement giving radio apparatus. W Wireless Improvement Co. to be made for is matter to be made for sub-2041 for. 6/11
✓ 309000	?	H C Company	Asks if bureau is necessary in light wire motor generator to operate from a 24 volt storage battery for radio transmitter. W To H C Elec Co- Has no immediate need-5-25
✓ 309567	5:22	Inspr Brooklyn	Completion of order for radio apparatus from Crocker Wheeler Co.. Fwds letter from contractor giving information in connection with. W
298582	5-24	To (T) H Lond	Cannot Western Elec get now at H Lond Sub 2040 for Sub force radio circuit 0's under later experiments be used-7
✓ 309272	5-24	To NY	Encloses blue int bearing puller and as obtained by Crocker-Wheeler for this puller-7 New York 7:2 To NY. Repts. to submit design for Ball Bearings to B. 6/25

662-4-5

Number.	Date.	From or To—	Subject.
298582	5-29	See Card 47	To H. Lind - copy letter of 5-20 from Wash and Ind Engineers' Association - 5-23 to H. Lind - copy letter of 5-23 from Wash between re test of engine - 5-23 re above 5-23
511557	5-31	T. Crocker-Wheeler Co-	has no objection to * action price to the U.S. War Dept. with cycle 100% not to interfere with Navy work

GENERATING SETS; MOTOR.

Number.	Date.	From or To—	Subject.
✓ 301573	4-26	Crocker Wheeler Co	Fwds copy of letter to Fed Tel Co, fwding quotations from Cutler Hammer Co on control apparatus for Poulsen arc radio sets. W
✓ 300662	4-26	To Crocker-Wheeler Co.	Auth to construct boxes for spare parts-W
✓ 300952	4-25	TO E. J. Simon	Asks why rqst was made from Crocker Wheeler for print #192534-W To Simon - cost of drawing 4-26 To Crocker Wheeler Co- E J Simon rqst drawing in French- No objection from Bu-5-1.
297469	5-1	See Card 45	To Inspcr Brook -In re report of Res. Inspcr Impera NJ-W In pr Brook - W 5/3 To Inspcr Brook-fwd correspondence as rqsted-5-7 Inspcr Brook: fws report by Inspcr Crocker Wheeler also blue prints, etc. W 5:20 Inspcr Brooklyn 5:21 Brook - Pers nal) relative to hurrying up manufacture in District - special reference to Crocker-Wheeler - Cory & Son, etc - 5/31
✓ 303439	5-2	Inspcr Brook	Confirm telephone conversation relative to detaining an officer to investigate situation at Crocker Wheeler Co. W

GENERATING SETS: MOTOR

882-3

Number.	Date.	From or To—	Subject.
✓ 302827	5-2	To triumph Elec Co	In re shipment 2 K W generators for F Lowenstein will expedite delivery. W
✓ 305317	5/1	Baudette & Graham Engineering Co.	fwds specs covering D C generator sets—can make quick delivery cover. W
✓ 306554	5:13	Crocker Wheeler Co/	TEL. Submits quotations on 7 1/2 h p motors with time of delivery. W
✓ 305929	5/9	Triumph Elec Co	As in order for motor generator sets with spare parts from K & C Co is urgent. Triumph Elec Co 5-18 W
✓ 306020	5-18	To Marconi Wireless	Requesting 2 vandyke copies of dwg 30121- 1000 43E-10000. W Marconi Company fwds vandykes. W 5:17
✓ 306021	5-18	To Crocker Wheeler Co	Best information re supply of spare parts for motor generators. W Crocker Wheeler Co 5:17 [OVER.] Triumph Elec Co - 5/18

GENERATING SETS:MOTOR.

Number.	Date.	From or To—	Subject.
297716	4/1 ^u	Matthews Co	Are in position to apply silvered coating to both sides radio condensers.W To—4/20
296989	4/12	To Insp'r Crocker Wheeler.	Synchronous Impedance 5 KW radio motor generators. Re improvement in mechanical construction of stator which would speed up production.W To Yards--Ditto.4/12 Insp'r Crocker Wheeler-Submits report.W 4-16 Norf 4-17 NY--Reports on test--4/23 PHILA 4-20
298362	4-15	Crocker Wheeler Co	Request that Boston yard be instructed in connection with spares for motor generator sets. W
299030	4/16	Crocker Wheeler Co	Month ending April 15th gives number of machines shipped and gives dates when ~~plan~~ balance will probably be shipped.W
299048	4/17	Crocker Wheeler Co	5 kw motor gen sets-reports improvements and recommends different type number be assigned.W
298981	4/20	To Cutter E&M Co	Failure in delivery of circuit breakers to EC Co. Request keep up deliveries, or will discontinue doing business with. W Cutter E & M CO/ 5:11

GENERATING SETS: MOTOR.

Number.	Date.	From or To--	Subject.
✓ 299375	4-18	Crocker Wheeler Co	Forwards request from Alaska for catalogue, etc. W J B Elliott 10;22 W
✓ 299754	4/19	Triumph Elec Co	100 1-kw motor gen for the Internatl Radio Tel Co. delivery will be delayed due to non receipt of instructions. W
✓ 299753	4/19	ditto	Copy of letter Marconi Co. unable to make deliveries on date promised due to non receipt of dye for laminations. W
✓ 298582	4/19	To GE Co	GE Pilotrons, and motor generator; reqt quotation covering. W To Crocker Wheeler Co--Ditto for motor generator. 4/19 G E Co-E/C-submits quotations covering motor generator. W See Card 49 To (T) Crocker Wheeler Co-Disregard Bu letter 4/19 Allott for construction and development of a 10 Kw Neuland high frequency alternator. Makes W
296985	4/19	To K.15.	Crocker Wheeler Co can deliver machine in 3 weeks submits quotation covering. W 5-16 To New Lond. Re Crocker Wheeler motor generator 5-24 To Crocker Wheeler Co- E-21 N Lond. (T) W
✓ 299375	4/22	To J.B.Elliott	Crocker Wheeler Co cannot give information re motor generators for radio telegraph. W G B Elliott-10;22
300228	4-24	To N.Y.	Reqs drawings and desirability of supplying all ball bearing machines with puller for removing ball bearings from radio motor generators W To Crocker Wheeler Co - Asks estimate of supplying puller in lots of 200 4-24 To N Y re pullers for ball bearings on radio motor generators, 5-17

GENERATING SETS: MOTOR.

Number.	Date.	From or To--	Subject.
✓ 292993	3/7	Crocker-Wheeler Co	Fwd copies of blue print giving operating characteristics of their 1/2 KW motor generator type C B 215 - W
293603	3-29	Crocker Wheeler Co	5 kw motor generators for use in operating Poulsen arc system - request opportunity to witness machine in operation. W To--Comments on 4/2
293458	3-28	Insp'r Cramps	Reqs plans of radio motor generators in connection with foundation
✓ 295298	4-3	Crocker Wheeler Co	Spares for Marconi machines - request that Boston be directed to ~~submit~~ submit order for complete set in lieu of certain parts. W
✓ 295572	4-5	Crocker Wheeler Co	Quotes from B.F. Sullivan, enlisted man at New London, requesting copies of catalogues, booklets, etc. W To--No objection. 4/12
295107	4/5	To NY	Test of type K-2 condit circuit breaker. Directs fwd copy of report to Radio Division. W

862-3: GENERATING SETS; MOTOR.

Number.	Date.	From or To—	Subject.
✓ 295300	4/2	Triumph Elec Co	Fwds shipping schedule as of April 1st covering radio materla gen set. W Triumph Elec Co - Changes shipping schedule. W 4-6
✓ 295946	4/6	GE Co	500 cycle gen set-reqt authority to examine only in portion. W To—Satis to have contr cancelled. 4/17
✓ 295938	4/5	GE Co ✓	Alexander alternator offers to stand expense of test. W
✓ 296271	4-8	E. J. Simon E. J. Simon-reports on trouble in getting motor gen for Crocker Wheeler Co. W To—4/20	Complains of unsatisfactory delivery of motor generators from Crocker Wheeler. W E. J. Simons-T-states can make shipment of 30 addtl 1-kw transmitters for motor gen are received. W ✓ To Crocker Wheeler Co—Reqt infor re deliveries of motor generators to E. J. Simon. 4/13 To—4/13
✓ 296783	4-10	Triumph Elec Co	Bailey holders - shipment received short. W
296742	4/9	Inspr Crocker Wheeler Co Inspr Brooklyn	Crocker Wheeler Co reqt bush shafts on 1-kw motor gen. To via Brook—Gives action. 4/13
✓ 296780	4/9	Crocker Wheeler Co	Copy letter received from Hampton Roads Air Station calls attention to clause stating that if they didnot return both proposal blanks they would be barred from future bidding.
297469	4/11	Inspr Brooklyn R to pull together in re orders. 4/20	Motor generators-delays in production of-fwds report from Local Insp. W To Crocker Wheeler Co—Fwds copy of letter from Resident Inspr re failure of company see card 48

GENERATING SETS:MOTOR.

Number.	Date.	From or To—	Subject.
✓288928	3/12	Marconi Co	Gives number of motor gen reqd from Crocker Wheeler Co for 1 kw set.W
✓288501	3/13	To Crocker Wheeler Co	Fwds list showing number of motor generators to be delivered between dates of March 15th and April 15th. W Crocker Wheeler Co corrects error in their letter March 25th. 3/29
529910		Cable 40	Wireless Specialty Co - forwards copy of letter of March 17th, 1918. To Wireless Spec Ap Co—3/18
✓289063	3-11	Crocker Wheeler Co	Delay in shipment of 401 radio motor gen. March 15th to April 15th is not received.
289216	3-11	Crocker Wheeler Co	acknowledge receipt of specifications. To—Directs take up with Fed Co. 3/22
✓290283	3/16	Crocker Wheeler Co	States efforts to ship 401 radio motor gen ~~xxxx~~ between Feb. 15th and March 15th resulted in shipment of 434 in lieu of 401.W To—3/20.

GENERATING SETS: MOTOR. 882 -- 3

Number.	Date.	From or To—	Subject.
290603	3/18	Phone NY	Instrns re obtaining a 1 or 2 KW motor generator.
290777	3/20	To Crocker Wheeler Co	Lists spares and parts of 5 KW radio motor generator. Repts quotation covering. W
		Phone—Re quotation on and delivery of spare parts. 3/29	Crocker Wheeler Co—Quotes prices for spares and gives time of delivery. W 3-26
291272	3/19	Triumph Elec Co	Reports on status of shipment of two kw motor gen sets for Lowenstein. Marconi gives dates on which could furnish addtl. W
290702	3/21	To NY. Norf	Hand and automatic starters. Reqt list of those which have successfully passed test. W
		Norf 4/2 Submits list of hand & elec starters that have passed suitability test—Elec Contr Co etc. 4/2	NY—Hand and automatic starters - submits list of those submitted by the Industrial Controller Co. that have passed test. W 3-30
291807	3/21	Triumph Elec Co	Fwds report re status of each radio motor generator for month ending March 21. W
291960	3/22	F Lowenstein	Rotary spark gap motors—recommendations for cutting down amount of current used on starter. W
		To F Lowenstein—In re compoound winding for rotary spark gap—App. for future contracts only 4-23	To—Comments on. 3/20
20808	3-18	To Pug Sd.	Directs furnish information to inspr of any sort re defect in motor generators. 3-18
293102	3-27	Crocker Wheeler Company	Shipment of squirrel cage induction motor to Naval Aviation field, Jamestown Exposition. W
		To—3/29	Crocker Wheeler Co—set ready for shipment. 3/29

GENERATING SETS: MOTOR.

Number.	Date.	From or To—	Subject.
✓ 283491	2-20	Sperry Co	Motor boat equipments - Crocker Wheeler Co
		To—Reqt keep Bu informed re progress.3/15	state have instructions to do no more work on motor generators. W
			Sperry Co--fwd's copy of letter-reqt action.3/5
			To—Have reqtd Crocker Wheeler Co to make prompt deliveries.3/8
			Sperry Co-rel to deliveries Crocker Wheeler Co.3/12
✓ 283892	2-21	Crocker Wheeler Co	Request authority to quote price on motor generator set to Mr. Perry. W
			To—No objections.2/26
284190	2-22	Triumph Elec Co-3/19	T. Relative to packing of spare parts.W
		To—3/14	Triumph Elec Co--rel to action on letter, of Feb 22nd. W 3-5
226235	2-25	To Crocker Wheeler Co.	Acknowledges receipt of letter giving info re deliveries of motor gen sets. W.
			876.
✓ 286261	3/2	Crocker Wheeler Co	Standard five-augob 233 machine--asks if No. CE 233 shall be used on machines which have been bored slightly larger.W
	3/12	To—3/12	To—Comments on.3/5
		To—3/22	Crocker Wheeler Co--request confirmation of repairing frames and using larger diameter W 3-6
286517	3-4	Crocker Wheeler Co	Fwd's set of vandykes for motor generators.W
			To—Ask weight of each of type machines.3/6
			Crocker Wheeler Co - type weights.3-8
287139	3-6	Crocker Wheeler Co	Forwards copy of letter from M-C request license agreement for then to manufacture radio motor generators. W
			To—Directs fwd agreement as soon as possible.3/8
			Crocker Wheeler Co--rel fwding agreement of M-C Co. W 3-11

GENERATING SETS: MOTOR. 882 - 3

Number.	Date.	From or To—	Subject.
285770	3/6	To Yards Flets	Description booklet of Crocker Wheeler 1/2 KW Radio motor generator. Fwda. W
✓ 285809	3-9	Triumph Electric Co	Forwards progress report on motor generators on sub-contracts. W
✓ 285870	3-11	Crocker Wheeler Co	Reports status of work on generators, delivery of which was processed on or before March 15th. W
286500	3/12	To Insp Crocker Wheeler	Reqt tests on one KW motor generator be expedited. Machines urgently needed. W
35908	3-12	Crocker Wheeler Co-rel to shipment of various sizes of mot gen. 3/25 Brook.	Inspr report of Insp. Crocker-Wheeler plant on P. Snd. complaint of unusual vibration one KW generator. W. 629.
33808	3-7	Ampre.	One KW motor generator; Crocker Wheeler design; states not up to standard and submits report in detail on. W. 629.
✓ 286875	3/12	Crocker Wheeler Co	Request instrns for shipping motor gen to the EMC Co. W
✓ 286867	3/12	Crocker Wheeler Co	Reqt instrns rel to furnishing W.H. Friedman, professor of elec engineering data on motor generators. W To—3/19

GENERATING SETS:MOTOR.

Number.	Date.	From or To—	Subject.
✓ 279744	2/5	Crocker Wheeler Co	Spare part boxes for 1/2 to 5 kw motor gen-request permission to use hooks and clamps on the front corner in lieu of hinges locks, and keys, etc.W To—2/11 To NY—Fwds company's letter with instrns.2/11 NY - W. 2-21
✓ 279679	2/6	F.Lowenstein	States have 15 two kw radio sets ready for delivery except motor gen and spares.W
280169	2/8	cancelled.	
280623	2/7	Marconi Co	Reports non-receipt of a Crocker-Wheeler Motor generator. To—Detailed comments on.2/16 Marconi Co - States tubes delivered by GE were not 12 watt filament - W 2/21
280678	2/12	To Crocker Wheeler Co	Lists certain apparatus and reqts quotations covering. SW Crocker Wheeler Co-quotes prices.2/28
✓ 281057	2-12	Insp'r Cincinnati T	Triumph Elec Co-request authority to use 29 gauge sheet material for motor generators. W To—(T)use of 29 gauge auth.2/13 Cincin - fwds copy of letter from the Triumph Elec. Co - 2/13 W
✓ 281155	2/7	Crocker Wheeler Co	Confirmation of their understanding that exact specifications buildings to order will be sent and that general specifications are not necessary.W To—2/14

GENERATING SETS: MOTOR. 882 -- 3

Number.	Date.	From or To—	Subject.
✓ 281655	2/15	To H-C Co	Re: quotation on one spare armature for motor generator as furnished by Cutting and Washinton. W H-C Co--2/18
✓ 281657	2/15	To Crocker Wheeler Co	Re: quotations on 1 and 2 KW armatures for standard Navy 440 Motor generator. W Crocker Wheeler Co--quotes price. 5/r
✓ 282230	2-16	E. J. Simon T	States delivery of 1/2 kw sets will depend upon their ability to secure motor generators from the Crocker Wheeler Co. W
✓ 281334	2/16	To Hoban Mfg. Co To Unit ship from Wash. 3/19	Will have but one standard engine for sub chasers and will equip 50 sets to be replaced with that standard engine. W Koban Mfg Co--2/19 Koban Mfg Co--3/15
✓ 282866	2/18	George Bender SEA	Offers second hand motor generators. W Fwd SEA--2/25
✓ 282979	2-19	Puget Sound T	Re: Crocker Wheeler Co. --Have not delivered sufficient hobs to complete 1 and 2 KW sets. K & C Co state difficult in financing on acct of inability to make complete shipments. W To SEA--Comments on terms of payment. 2/21
✓ 283344	2/20	Crocker Wheeler Co	Request that Navy Yards place order for complete set of spare parts in lieu of miscellaneous parts--states have put through order for 35 sets on Bureau's request--calls attention to specific ?? from Boston yard. W

GENERATING SETS: MOTOR.

8181

Number.	Date.	From or To—	Subject.
✓ 275763	1-21	Marconi Co	Fwds copy of letter from GE Co. stating cannot deliver 200 kw alternator until March -W To—Comments on.1/24
✓ 275870	1-21	GE Co	Radio motor generator will be delivered at Chasn; requisition does not call for generator or exciter field rheostat.W Fwd Chasn--1/29 RB 2-6 To—Proprietary reqn being made.2/8
✓ 276174	1-23	Crocker, Wheeler Co	Fwds copy of letter received from H-C Co. relative to radio generators: Fwds in connection with royalty basis W
✓ 276175	1-23	Crocker, Wheeler Co	Expect to send 10 1 kw radio generators and spares to testing department and will ship 10 to K&C and 5 to Simon.W
✓ 276176	1-23	Crocker, Wheeler Co	2 kw radio motor generators: have shipped 8 to Lowenstein since Jan; 10 now ready; expect to complete 12 more before end of month.W
✓ 276608	1-21	Crocker Wheeler Co	Fwds new Vandykes - instrns sheets, covering radio motor generator. W To—Wiring diagram, etc. not received.1/29
✓ 276730	1-25	F. Lowenstein Co	Asks type of diode tubes to be used on two kw radio transmitters. W To—2/9

GENERATING SETS: MOTOR.

Number.	Date.	From or To—	Subject.
✓ 276715	1-25	Copely Mfg Co	States have quantity of starters in stock due to reconsidering certain generators - asks if Navy can furnish. W To—Starters already purchased. 2/4
✓ 276590	1/26	To Crocker Wheeler Co B-C Co Triumph Elec Co	Urgent need of motor generators of all types and sizes. Reqt expedite delivery of those under construction. W B-C Co 1-30 Triumph Elec Co gives contemplated dates of shipment 1-30 Triumph Elec Co - W 2-12
		To Triumph Elec Co - 2/6 To Triumph Elec Co - 2/7 Triumph Elec Co 2/5	Reqt information as to date of delivery of spares for one kw motor generators delivered E. J. Simon.
276224	1/29	To Crocker Wheeler Co	Crocker Wheeler - W - 1-31
✓ 278186	1-30	E. Lowenstein	Triumph Co state have received no instructions relative to cancellation of the 40 2 kw motor generators. W
✓ 278678	1/30	GE Co	One kw mot gen set-understand will require 400-request specifications. W To—Induction alternator will be reqd. 2/4
✓ 279623	2/5	Sperry Gyro Co	Radio motor generator for motor boats - two vanishes W To Sperry Gyro Co - 4-29
✓ 279749	2/5	Crocker Wheeler Co	Lowenstein contracts-states payment to them has been held up pending settlement of penalty for delay charged against Lowenstein. W

GEN. SETS: MOTOR.

Number.	Date.	From or To—	Subject.
273751	12-28 1-14	S&A Wash	Various contracts covering motor generators. Crocker, Wheeler Co; request inspection copies of contracts W Fwd S&A—1/16
273904	1/16	To Insprs Firms	Advance sheet 55. Turbo gen sets. Fwds specns for comment and modification. L To Insprs—1/17 To Yards—1/17
		<u>VOID</u>	
		G-I Co-5/9-Detailed comments and recdms covering aviation of navy specns. 17-5-5. To Insprs Connecticut - 5-21	NY 1/27 - L re Chgo 1-29 N Orleans--2/1 brook 2-5 Norf comments W 2-23 Pug Sd 4-6
274161	1-14	<u>Allen-Bradley Co</u>	Fwds complete set of bulletins describing motor starters and controllers for motor generators W To—Fwds specns. 1/28 Co 1-30
274384	1/17	To <u>Sperry Co</u>	Directs expedite contr with Crocker Wheeler Co for rework 1/2 MW motor generators. Co machines not yet delivered 1-19
274611	1/17	<u>K&C Co</u>	States Crocker Wheeler Co have failed to make deliveries of motor generators as promised claiming same are commandeered by Government—asks cooperation that can be expected from Navy Department in the future.
274489	1-16	NY	Gear drive for Henderson engine generator set furnished by National Signalling Co; reports on experiments with W

GEN. SETS: MOTOR.

Number.	Date.	From or To—	Subject.
✓ 275455	1-21	K & C Co T	Reports receipt of 17 - 2 KW Generators from Triumph Co cannot promise further shipments until latter part of Feb. W
275446	1-18	Insp. GE	Requests contract numbers covering 20 KW motor generator sets, Etc on requisition 157 & 500 W To—1/24
✓ 275499	1-12	Allen Bradley Co	Fwds complete set of bulletins describing motor start and controller. Allen-Bradley - W - 1-25
275270	1-16	M I S	Fwds report on test 1/2 kw Crocker-Wheeler motor generator and spare parts. W
✓ 275320	1-19 To NY—2/28 To NY—2/28	Richard Pfund	Reports building a 2 kw direct flexible connected gasoline engine driven indicator type gen. set. asks if Bureau is interested in the development of . W Fwd NY—1/18 R B 2/19 To Signal Officer—Fwds copies and photos. 2/28
Phila. Oct. 10			Fwds photograph
✓ 275000	1/21	To Marconi Co	Crocker Wheeler Co will deliver first sets completed on 1/2 and 5 KW contracts to company. W
275531	1/23	To Firms Crocker Wheeler Co-3/22 Crocker Wheeler Co - request authority to change field data on set. W 5-5	Motor generators for radio sets. Instrns re proceeding with manuf of. W To Crocker Wheeler Co—Reqd reports of tests formerly reqd. 3/5 Crocker Wheeler Co - 3/5

GEN SETS: MOTOR.

Number.	Date.	From or To--	Subject.	
269898	12/28	To Inspr Crocker Wheeler	Comments on data submitted re copper and iron losses.W Inspr Crocker Wheeler CO-temperature test data-gives information.2/11.W	
269910	12/31	To Wireless Spec Ap Co	Fwds letter and drawing from Crocker Wheeler Co. re trouble with starting 1/2 KW AUS generators.W	
		Co fwds vandykes in connection with motor shunt field 1-17	Co fwds comment on Crocker-Wheeler's complaint 1-5	
	To--2/15		To--Directs prepare instrns sheets.1/12	
	To--3/6			
271013	12-13	H. E. Clifford T	3-phase generator probably can be had at GE Co if Priority Board sanctions.W	U.S. 45
271074	12-29	Triumph Elec Co	States are experiencing difficulty in maintaining desirable rate of output, due to time required for testing generators; recommends complete test of one in every 10.W	
		Triumph Elec Co-state no use in speeding up mfging output unless final testing is speeded up.1/10.	Cincinnati 1-8	
		To--Appv. General system of inspection.1/18	Triumph Elec Co. 1-23	
271769	12/31 1/6	Crocker Wheeler Co Inspr Brook	1/2 kw motor generator frames-request acceptance of 150 frames rejected on acct of bore not being at right angles.W To--Gives action.1/10	
271653	12/31 1/4	Crocker-Wheeler Co Brook	Suggest method of bushing bearing fits of 40 shafts for 1/2 kw radio motor generators - fwds recommendations. To--Gives action on in detail .1/9 To--1/10	
271341	7/4	E. J. Simon T	Request Crocker, Wheeler motor generators for 5 kw sets be diverted to them; balance of machines ready.W To Crocker Wheeler Co--Directs expedite delivery of trans sets. 1/5	

GWN SETS; MOTOR. 882 -- 3

Number.	Date.	From or To—	Subject.
271944	1-5	H- C Co	Radio motor generators; submits report in detail as to why their facilities should be utilized for other work rather than manufacture of radio motor generators from the Crocker-Wheeler design and reports in detail on cost. To—Detailed comments on 1/10
271988	1-4	Crocker, Wheeler Co	2 kw Marconi machines; quotes price for spares.W
272566	1-8	Crocker, Wheeler Co	Request formal acceptance covering repair of certain frames and shafts for motor generator.W
272565	1-8	Crocker-Wheeler Co	Reports receipt of Marconi Co for 75-2 kw motor generator sets; states question has been brought up relative to use of standard sleeve bearing instead of ball bearing as called for by specifications.W To—1/11
272764	1-10	E. J. Simon T	Crocker-Wheeler Co; Inspector advises no 1 kw sets for 2 weeks; request be expedited.W Crocker Wheeler Co - 4-4
272518	1/12	To Yards	Lists of spare parts for Crocker Wheeler Motor generators. Submits standard list of. To NY—3/23 Crocker Wheeler Co 4-9 To Crocker Wheeler Co—4/8 To Post—4/8 To Post—4-29 K B 6/11

GEN SETS: MOTOR

Number.	Date.	From or To—	Subject.
✓ 267653	12-14	Natl Elec Sig Co	1/2 kw gasoline power units: have placed order with Smith-Serrell Co for coupling. request priority order certificate. W Fwd S&A—12/27 RB 1-3
✓ 266916	12/14	To Firms	Lists apparatus, and reqt information re immediate delivery of, or length of time to manuf. W
✓ 268124	3/21	Elec Controller Mfg Co	(Personal) Fwds prints showing their automatic starter for use of motor gen sets. W
✓ 268120	12/14	H.C. Clifford	States probably GE Co can furnish turbo gen reqd. W
✓ To GE Co—(T) sets. 12/20		Reqt info re turbo gen	GE Co — states have no such set on order. — W 12/20
✓ 268387	12-18	H-C Co.	Protests against Bureau decision that they manufacture motor generators on patents of Crocker-Wheeler Co. W
✓ 268506	12-19	Crocker, Wheeler Co	Fwds copy of letter to H-C Co, relative to furnishing plans for use in constructing motor generators according to the Crocker-Wheeler design. W
H-C Co (T) gives dates when will make shipments 1-3)		H-C Co — 1-22 — W	Crocker-Wheeler Co — request action — 1/10 W Te H-C Co — Directs co-operate with Crocker Wheeler Co. 1/17
✓ 268512	12-18	Crocker, Wheeler Co	Recommends leeway to be given in line voltage and generator voltage. W To — Comments on 12/29 Crocker Wheeler Co — 1/8. W

GENERATING SETS; MOTOR. 882 -- 3

Number.	Date.	From or To—	Subject.
✓ 267660	12/17	To Goodrich Tire & Rubber Co—2/16	Dimensions of Gen for mounting with Koban engine. Gives dimensions. To Koban Mfg. Co—Gives information re generator. 12/18 Koban Mfg Co 12-22 Koban Co 1-2 To Koban Mfg. Co—1/8 Fwd copy of two letters to Grecker Wheeler Co re: to spare part for 5 kw radio motor generators. W Cincinnati 12-21 To Cincinnati—12/29 To—12/29 Triumph Elec Co recommends using single box for all spares 1-18
✓ 268984	12/20	Triumph Elec Co	
✓ 269049	12-21	Copely Mfg Co	1/2 kw power units for chaser sets; gives reasons why they should receive additional sum for extra cost cover interchange in direct connected to a geared type unit. W Fwd NY—1/10—RB—2/14 (Cross to original entry to 882-2)
✓ 269102	12/20	GE Co	1500 and 2000 50-cycle alternators—state have none available for immediate delivery—states will take 11 months to build. W
✓ 269594	11/30	General Elec Co	Sample charging set—will fwd data in a few days.
✓ 269672	11/7	J.B. Lunsford	Submits recommendations relative to temperature rise of generator sets.
✓ 269897	12/28	To Cincin	Supply voltage of 1 KW radio sets on recd 750. Supply voltage is 110. Copies to firms. W Triumph Elec Co - 1/24 - W To Triumph Elec Co—1/30 Triumph Elec Co 2-5

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GEN SETS: MOTOR RADIO.

Number.	Date.	From or To—	Subject.
✓ 261900	11/19	Natl Elec Sig Co	Request instrns rel frequency meter to be furnished with engine gen sets being built. To—Gives action taken.12/8
262004	11/20	M Is T	Asks if power machinery for 20 kw arc apparatus, contract 15, has been tested by GE.W To—(T)No further test necessary.11/23
✓ 261957	11/20	To Brook	Methods of inspection at works of Crocker Wheeler Co. Directs investigate, and arrange most systematic manner of inspection. W Brook 11/24
✓ 263144	11/19	Pug 3d	K&C 1/2 kw motor generator insulation test forwards report.W
✓ 262879	11/24 To Phila—Re	To Crocker Wheeler Co deliveries of sets.12/31	1/2 KW motor gen sets to operate on single phase 60 cycle 110 volt alternating current. Directs treat as urgent. W Co submits detailed report and print 11-27 To—Quotes specs in reqn.12/14 To—Gives delivery of units on reqn being prepared.12/20
✓ 263778	11/27 Crocker Wheeler Co—reqt action-12/11.W To—12/17	Crocker, Wheeler Co	Request sample book for use of guide in getting up book describing operation and care of their motor generator sets.W Co 12-5 To—Were given to Mr. Keator.12/8
264501	11/30 To Crocker Wheeler Co—instrns. 2/16 To NY—3/8 To Crocker Wheeler Co—3/23	NY	States Crocker Wheeler Co motor gen did not comply with specifications.W To—12/4 To NY—2/15

Crocker Wheeler Co-states are now beginning to ?? mailing terminal abroad.4/10.W

GEN SETS: MOTOR: RADIO. 882 — 3

Number.	Date.	From or To	Subject.
✓ 264962	12-3	Crocker, Wheeler Co	Suggests proper set of spares for 2 kw radio motor generators sold Marconi Co. W Co 12-17
265075	11/26	Insp Cracker Wheeler	Reports on ~~motor~~ poor workmanship, etc. W
✓ 266089	12/8	Crocker Wheeler Co	1/2 kw motor gen set complained on by Wireless Specialty Co regarding excess starting current. W To—Fwds drawings and corres in connection with. 12/17 To—1/15
✓ 266825	12-11	Brook T	Crocker-Wheeler Co - request action 1/9 - W Contractors. Crocker, Wheeler Co, request copies of, for use of inspector at works. W
✓ 266906	12/12	Crocker Wheeler Co	Request Inspector be directed to expedite shafting with which Lt Lavender OK'd To—Gives instrns given to Insp. 12/14
✓ 267193	12/12	Crocker Wheeler Co	Request be furnished with complete specs covering all machines from 111-A to 111-D. W To—Fwds radio specs with comment. 1/4 Co 1-9
33294	12-11	E. J. Simon	States have experienced considerable difficulty in securing required deliveries from Crocker Wheeler Co - recommends use of the H-C type.
✓ 267573	12-13	Natl Elec Sig Co	51 engine generators; request 646 for use in 1/2 kw motor boat sets; relative to value of the speed mechanism. W International Signal Co request reply 12-22 To International Sig Co—12/31

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GEN SETS: MOTOR: RADIO.

Number.	Date.	From or To—	Subject.
257689	10/27	Phila	Radio motors; fwds vandykes.W
258379	11/1	H-C Co	Radio motor generators on Norf requisition 619: are quoting prices Norf W To Norf—11/27 To— Lists motor generators will standardize on 11/27 To Crocker Wheeler Co—Ditte. 11/27
258494	11/1	Cincinnati	Submit report on matter of making inspection motor generators, Triumph Elec & Ice Machine Co. W To— Fwds prints as listed, with comment. 11/8
258922	11/5	Crocker, Wheeler Co	Have turned over office to Inspector and will allow him services of typist when re- quired. W
259530	11/7	Triumph Elec Co	Have been proceeding with work, anticipating order for 50.5 kw and 100 I kw motor genera- tors; request formal contracts be expedited. W To— 11/12
259420	11/8	To Public Service Corp	Re: t. permit Crocker Wheeler Co 200 H.P. electric current for testing motor generators urgently needed by Dept. W Public Service Elec Corp—11/12. W Crocker-Wheeler Co 1-8

GEN SETS: MOTOR: RADIO. 882 -- 3

Number.	Date.	From or To—	Subject.
✓ 260272	11/12	Crocker, Wheeler Co	States has parts for assembling an engine type generator; asks if Bu's interested. W To—Ask price will quote on alternator. 11/14 Co 11/19 Co 11/23
		To Insp'r Ampere—Fwds copies of contracts. 1/31	
		Fwd S&A—1/14	
260317	11/9	Brook	Request copies of contracts covering miscellaneous elec material, including gen sets. W
		To S&A—Req't expedite copies of contr. 12/14 R's 12-19	Fwd S&A—11/16
		Fwd S&A—12/22	To—12/1
		Insp'r Ampere 1-8	
✓ 260534	11/13	John H. Barker	States represents Roth Bros & Co and Bodine Elec Co; request prints and specifications covering motor generators. W Barker 11/21 12 letters To—Fwds drawings and specns. 11/24
✓ 260614	11/13	Crocker Wheeler Co	1/2 kw engine driven sets being rec'd for motor generator—expect start shipment 3 weeks.
✓ 260646	11/14	To Westinghouse E&M Co	Fwds specns covering requirements of workman-ship on material for radio transmitters. W To—Fwds add'l specns. 12/4
✓ 260676	11/14	To S&A	Crocker Wheeler Co merely desire weekly notice of proposed purchases at their factory, and notices need not be sent to Balto and Phila. W
✓ 261061	11/14	Natl Elec Sig Co	Gasoline engines and motor generating sets; submit quotations. W

GEN SETS: MOTOR: RADIO.

Number.	Date.	From or To--	Subject
✓ 255388	10/18	To H-C Co	In future radio motor generators will be inspected in factory by representative of Bu. W
✓ 255520	10/19	To East Mass	Inspection of radio motor generators by regular corps of resident inspectors. In future will be carried out thusly. W
✓ 255925	10/19	H-C Co	5 kw radio motor generators: fws prints. W
256058	10/20	Bay Shore Air Sta VOID	List of supplies required: also request dates on which certain will be received. Da
256058	10/17	Marconi Co	Request be informed type number of the 1/2 kw motor generators manufactured by the Crocker-Wheeler Co and Triumph Elec Co. W To Gives info reqtd. 10/23
✓ 255744	10/20	To Mass	Radio motor generator. Specs. fws. W
✓ 256082	10/22	To Ampere via Brook	Reqt for copies of contr. Letters re filling out form 101. W Brook request Insp Cracker Wheeler be directed to fill in contract number instead of word unassigned in shipping reports 11/1 To Brook via NY--Reqt re amendment of contr. 11/3

GEI SETS: MOTOR: RADIO. 882- -- 3

Number.	Date.	From or To—	Subject.
✓ 256345	10/23	To Crocker Wheller Co	T Lt. Lavender will visit factory tomorrow. W
✓ 256348	10/23	To GE Co	T Urgently reqt Mister Beekman for conference Bu as soon as possible. W
✓ 256752	10/23	Cincinnati	Request instructions relative to inspection of radio work at the Triumph Elec Co. W To— Req duplicate copies of contrs orders. 11/1
✓ 256448	10/25	To Nat'l Elec Sig Co	Directs start work at once on 51 gasoline engine and motor generator units. Fwds specs for. W Co 10/25
✓ 256902	10/26	To Norma Co of Amer.	Ball bearings. Bu will not at this time change specs for motor g nerators. Have been standardized. W
✓ 257517	10/17	Norma Co of Amer (2 letters)	Fwds copy of catalog covering apparatus manufactured by them. W
✓ 257604	10/30	Crocker, Wheeler Co	Request be supplied with copies of schedules pertaining to radio generators at the same time they are furnished to radio contractors for bids, in order to prevent delay in quoting to contractors. W Fwd S&A—11/5

GEN. SETS: MOTOR: RADIO.

Number.	Date.	From or To--	Subject.
252672	10/2	J. B. Lunsford	Submits report on passing for shipment of a 10 kw. 2 unit radio motor generator; reports on defects in; not sufficient to warrant rejection. W
252529	10/3	To Triumph Mfg. Co	Reqt co operate with Govt Inspectors for inspection of material. W To Cincinnati—Inspection of radio motor generators will be made by regularly appointed representative in Dist. Insp'r will arrive Cincinnati Oct 10.10/3
252540	10/3	To M. Is.	Reqt Vandyke of revision of drawing, motor generator. W M Is fws prints 10/12
253549	10/8	To SEA	Directs fwd dozen Navy Shipping envelopes to Triumph Elec Co. W
253277	10/9	To Cutler Hammer Co	Reqt information as to sizes of field rheostats for use with two KW radio motor generators? Re t drawings. W
253365	10/9	To Ward Leonard Co	Ditto. W Co 8" rheostats for motor generators; fws prints 10/11 Co fws prints giving overall dimensions of rheostats 10/19

GENERATING SETS, MOTOR RADIO. 882-3

Number.	Date.	From or To—	Subject.
✓ 254391	10/12	To Crocker Wheeler Co H.C. Co. Triumph Elec Co.	Rigid tolerance to be applied to all rotors of motor generators. Re: dimension of certain rotors. W H.C. Co gives diameters 11/2
✓ 254588	10/13	To Cincin	Inspection of radio motor generators manuf in Cincin Dist. Instrns in connection with. W Cincinnati states will take up matter of appointment of assistant inspector at Triumph Co on return of general manager 10/15
✓ 255001	10/16	Crocker, Wheeler Co	Copy of letter to Norf, relative to bids for 5 kw radio motor generators; request copy of specifications; gives performance of their machines. W
✓ 255319	10/17	Crocker, Wheeler Co	Request authority to leave off code numbers on prints. W To—Gives action. 10/22
✓ 254980	10/16 10/15	To F. Lowenstein To Marconi Co To K&O Co	Directs furnish inspector Cincin with copies of contrs for motor generators from Triumph Elec Co. W Kilbourne & Clark Co 10/21 Cincinnati request instructions relative to inspection of radio material, Triumph Elec Co 10/27 To Cincin. Reqt duplicate copies of contrs orders. 11/1

G.N. SETS: MOTOR: RADIO.

Number.	Date.	From or To—	Subject.
248517	9/11	To Crocker Wheeler Co M.Is.—Horr	Standardization of field rheostat for 5 K... motor generator. Reqt information in connection with. W Crocker, Wheeler Co 9/18 M.Is 9/22
248781	9/12	To Crocker Wheeler Co	Standard field rheostat for field circuit of all 2 K.W. inductor alternators for future delivery. Reqt information in connection with. W To M.Is.—Reqt information. 9/12 (2) Co 9/18 M.Is 9/22
250281	9/20	Crocker, Wheeler Co	10 kw radio motor generators: relative to bearing and coupling construction; fws prints. W To—Reqt further information. 9/25
250136	9/20	To Crocker Wheeler Co	Ask test voltage willing to guarantee for motor generator apparatus, in excess of the 1500 volts now specified. W Co relative to test voltage 9/22 To—Comments on 9/26 Crocker, Wheeler Co 10/8 Triumph Elec Co submits recommendation 10/22
250310	9/20	Ward, Leonard Co	Dimmers for wireless motor generator sets, rheostat for; fws copy of drawing. W
250549	9/21	New York	2x kw motor generator sets—fws diagram connecting either auto or hand starter. W
250131	9/20	To H-C Co	Fws various prints for comment. W

GEN: SETS: MOTOR. 882 -- 3

Number.	Date.	From or To—	Subject.
✓ 250990	9/22	Norf	5 kw motor generators; fws vandykes.W
✓ 251015	9/24	Inaprr Crocker, Wheeler	Request ruling on air gap variation allowed; refers to controversy with company; output excellent, no necessity for allowing large variation.W To—Directs reject motor generator.9/26
✓ 251078	9/19 9/25	Carson Motor Co CER	3 kw elec motor generator plants; fws cat-alogue.W
✓ 251310	9/26	To E. J. Simon Heineman-Pearson Co 10/3	Re light weight generator of any frequency, which has been developed by Heineman, Pearson Company. W To Heineman Pearson Co—Reqt submit to Wash for test.9/26 E. J. Simon reports on aeroplane generator developed by Heineman, Pearson Co 10/3
✓ 251441	9/26	J. B. Lunsford, Asst Insp	Reports several radio generators for Copely Mfg Co held in storage after being passed by Inspector; submits report in detail.W
✓ 251845	9/28	J B Lunsford Inaprr Crocker Wheeler Co	Fws copy of letter to Triumph Elec Co and reports on unsatisfactory punching which will cause air gap trouble.W
✓ 252474	10/1	J. B. Lunsford	Reports on acceptance of material below usual standards at Crocker, Wheeler Co, which would have been rejected under normal conditions.W

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GEN SETS: MOTOR: RADIO.

Number.	Date.	From or To—	Subject.
✓ 245160	8/22	To Crocker Wheeler Co	Directs make prelim plans of 1/2 K.W. motor generators. Will shortly issue reqn for. W Co comments 8/24
✓ 245407	8/22	GE Shipping reports from company 9/24	Motor gen sets for outfits being furnished Fed Tel Co; request permission to make partial deliveries of. W To—Ask how long shipmt will be delayed. 8/24 GE switchboards, contracts 15 and 735. shipped Aug 29 9/21 To GE—Reqt reply. 9/22 GE boards with instruments were shipped Aug 29; have not yet received shipping Gas Engine driven Radio Generator. Instrns re test of. W
245621	8/24	To Wash	
✓ 245828	8/12	Isko Sales Co	Matthews generating unit; calls attention to special features and introduces Mr. Shurtle of the Waterlite Power & Engineering Co. W To—Ask where wish unit shipmt. 8/27
✓ 246152	8/22	M ¹ (Sweet)	Request early action on taking over of Neuland generating patents. W
✓ 246171	8/28	To Crocker Wheeler Co	Rotor and stator tolerances and tolerances of air gaps. Table of tolerances satis, with comment. W To—Insq: Crocker Wheeler—Fwds copy of above letter. 10/27
247062	9/1	To GE Co	No objection to company quoting on Alexanderson type high frequency generators to French, Italian and English Govts.

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GEN SETS: MOTOR: RADIO 862 -- 3

Number.	Date.	From or To—	Subject.
246200	8/28	To <u>Crocker</u> Wheeler Co	Modifies speecs for motors, gen, etc... to extent that all fixtures shall be painted with good paint. W
246410	7/23 8/82	<u>Neuland Elec Co</u> W is	Proposal for government using the Neuland generator; relative to prices, license, etc W
247518	9/5	To <u>Conley Mfg. Co</u>	Reqd furnish Crocker wheeler Company with data that is to go on nameplates so that company may stamp same. W
247546	9/7	<u>Crocker, Wheeler Co</u>	Fda copies of prints covering nameplate which they intend to use on various parts of apparatus. W To—Blueprints satis. 9/28
248057	9/8	To <u>Rowan Controller Co</u>	En needs for starters taken care of. Can test starter in future as well as right now. W
248574	9/10	<u>Ward, Leonard Co</u>	Request additional information relative to specifications for motor generators. W To—9/26

1917

GEN. SETS; MOTOR: RADIO.

Number.	Date.	From or To—	Subject.
✓ 243217	8/8	GE Co personal	Writes relative to the experiments on the high frequency alternator at New Brunswick plant. W
✓ 243618	8/13	Crocker, Wheeler Co	Name plates for direct current driven motor generator sets; specifications do not provide space for serial number, type, class, etc. W To—Comments on. 8/20
✓ 243792	8/13	Triumph Elec Co	Fwds copy of letter to F. Lowenstein submitting instructions for covering method of assembling and disassembling to replace spare parts of the 2 AUS radio motor generators. W To Best—Fwds instrns. 9/5 To Yards—9/5
✓ 243971	8/15	To Insp <u>Crocker</u> Wheeler Co	Reqt list of tolerances which are permissible in diameters of the rotors of various sizes of alternator. W J.B. Lunsford submits tables showing rotor and stator diameter tolerances 8-24
✓ 243973	8/15	To Elec Controller & Mfg. Co	Fwds copy of report submitted by Norf on tests of 5 H.W. hand and automatic motor starter. gives action on. W To Norf—Fwds copy of above letter. 8/21

GENERATING SETS: MOTOR. 882 -- 3

Number.	Date.	From or To—	Subject.
✓ 244200	8/17	<u>Crocker</u> , Wheeler Co T	States AUS motor of ring oil set cannot be made interchangeable with ball bearing set.W
237068		CARD 28 order for Lighthouse Tenders 8/23 Lalley Corp request Bureau use influence with Copely Co to secure use of their engine by that concern 8/24 To Lalley Corp. 9/28 Lalley Electrd Light Corpn-10/2.	The Lalley Co states have shipped engine to Copely Mfg Co by express 8/15 Lalley Corp relative to cooperating with the Copely Co 8/15 Radio Test Shop submits report on 8/24 To Lalley Elec Co—Comments on tests. 9/5 Lalley Elec Co request return of apparatus. 9/11 To Wash. Fwds copy of above letter. 9/14 Lalley Corp asks when they can expect Fwds copy of memorandum of instructions for operating chaser sets.W
✓ 244472	8/17	<u>Copely</u> Mfg Co.	
✓ 244766	8/20	To <u>Triumph</u> Elec Co	Ask what consider to be nominal air gap, the allowable maximum percentage variation in air gap, etc. W Co 8/28 Co 9/5
✓ 245220	8/21	<u>H-C</u> Co	Motor generators for radio; request Bureau requirements as to drawings to be furnished with.W H-C Co request action 1 0/3
✓ 245266	8/22	<u>Crocker</u> , Wheeler Co	Fwds quotation on a 32 volt radio generator.W To Assignus t. e. number. 9/1

GENERATING SETS; MOTOR RADIO.

Number.	Date.	From or To—	Subject.
241659	8/1	To <u>Wireless Spec App Co</u>	Fwds copy of report from Norf on automatic starter submitted by <u>Monitor</u> & <u>ntroller Co. W</u>
242456	8/6	Norf	Fwds report giving results of suitability test of 5 kw hand and automatic motor starters submitted by <u>Elec Controller & Mfg Co. W</u>
242551	8/6	<u>Triumph Elec Co</u>	Print relative to modifications to specifications; request further explanation. W To—8/11
242589	8/7	Richard <u>Pfund</u>	Asks if Bureau interested in purchase of new patterns of a light weight, 8 HP gasoline engine for various radio material. W To—No need of. 8/8
242650		Inspr Crocker, Wheeler	Miscellaneous reports and correspondence on motor generators being built at Amers, N.J.; Copely contracts 628, 632 and 30039, Simon 670, Marconi 669, Bureau's 1196-DA (From Lt. Lavendar's personal file) J.B. Lunsford fwds list of radio generators, etc 8/20 Lunsford further report 8/21
242699	8/7	<u>Crocker, Wheeler Co</u>	Arc gaps on radio generators; relative to variation; fwds table on recommended. W

GENERATING SETS: MOTOR: RADIO. 882 -- 3

Number.	Date.	From or To—	Subject.
✓ 242686	8/7	Crocker, Wheeler Co	Fwds suggestions and prints relative to change over to ball bearings on standard 2 kw radio motor generator. W To—Gives action on. 8/21 Co 8/24
236855		CARD 28	NY fwds copy of letter from Ward, Leonard Co, enclosing alterations to sample starter 8/6
✓ 242926	8/8 8/8	GE Co GE	Terminal boards for arc motor generator sets on order for Fed Tel Co. Inspector states objectionable to insulate live terminals and store in metal box. W To via Insp—Disappe rect with comment. 8/24 To GE—(T) Delivery of five sets urgent. 8/17 To GE—Confirms telegram. 8/20
✓ 242964	8/9	S&A	To—Modifies letter of Aug. 14th. 8/20 Mica for radio condensers; asks if export license for and if granted requisition will be forwarded to Bureau. W To—C concurs. 8/11
✓ 243274	8/9	GE To GE Co—Reqd expedite completion of apparatus for New Brunswick. 10/16	Alexanderson high frequency alternator; writes relative to a larger machine. W To—Will hold tests of 8/14 GE Co states no intention of removing 50 kw machine now located at New Brunswick Station of Marconi Co 8/16 To GE Co—8/20 To GE Co—10/1 GE Co 200 kw Alexanderson alternator to be ready for test Jan 1918 10/6

GENERATING SETS: MOTOR: RADIO.

1817

Number.	Date.	From or To--	Subject.
✓ 239099	7/16	Marconi Co	Understands Crocker. Wheeler Co has increased size of terminal blocks used on motor generators for 1/2 kw sets. W To--Comments on. 7/25
✓ 239326	7/18	NY	✓ To Crocker Wheeler Co--Fwds copy of letter from Marconi Co. with comment. 7/25 Marconi Co B/7 H-C sample 2 kw radio motor generator; report of test; fwds. W To--Appvs recommendation. 8/2
✓ 239350	7/12	Comdr Sweet, Retd	Newland generator; Fwds summary of reports made by Expert Radio Aide Pratt. W To M. Is. --Comments on. 9/5
	7/12	M. Is.	M. Is. submits recommendation and reports on further experimental work. W
			To M. Is. --Reqd detailed plan of development of single radio frequency alternator outfit. 10/26
236205	7/20	To Elec Spec Co	Directs ship special radio gen set to Wash for test. W To Wash--Instrns re test. 7/20
✓ 239589	7/21	To Crocker Wheeler Co	Reqd further report concerning requirements for field rheostats and motor fields for motor generators RE 13A 111D. W
240312	7/19	Insp J B Lunsford	Fwds report on trip of inspection to the Triumph Elec Co's wks; reports in detail on their difficulty in manufacturing motor generators from Crocker, Wheeler design. W

882 -- 3: COMMUNICATIONS SECT. MOTOR: RADIO

Number.	Date.	From or To—	Subject.	
23772	7-24	Crocker Wheeler Co.	Reqd confirmation of authority to omit shaft extension on radio motor generators 5 kw sets.	529
23779	7-24	Copely Mfg Co/	Reqd telegraphic information if test of new engine Wash & NY satisfactory.	539
240733	7/26	Ward, Leonard Elec Co	Automatic starter for 1 and 2 kw motor generator, radio; states have changed to comply with specifications.W To--8/2	
240704	7/26	Crocker, Wheeler Co	Request confirmation of allowable variation in synchronous impedance and open circuit voltage of radio motor generator.W To--7/31	
240940	7/26	H - C Co	Request statement as to Bureau requirements for radio motor generator sets in connection with increasing equipment.W To--Gives statement.8/1	
241003	7/25	Norfolk	5 kw hand and automatic starters submitted by Elec Controller Co; request be placed on Bureau's approved list when modifications listed have been accepted.W To--Recd sum t full report.8/3 Norfolk 8/8	
241729	7/31	Cutting & Washington	Reports on trying their special 500 cycle alternator on standard Navy 1/2kw set.W	

GENERATING SETS; MOTOR.

Number.	Date.	From or To--	Subject.
✓ 237536	7/9	Crocker, Wheeler Co	Relative to permissible limits of open circuit, full field voltage of radio generators.W To—8/3
✓ 237608	7-9	Norf	Automatic motor ~~sets~~ radio; award Leonard Elec Co type not satis. rec that supply by motor controller Co be placed on separate list.W To Norf—Reqt report on starter.7/20 Norf automatic motor starters; fwsd report 7/23
✓ 237715	7/9	Crocker, Wheeler Co	Request authority to increase overall length of 1 kw radio motor generator sets to 27-1/4".W To—Appvs reqt.7/13 To E.C. Co—Gives action taken in connection with Crocker Wheeler's letter.7/13
✓ 237714	7/9	Crocker, Wheeler Co	Request confirmation of understanding that 5 kw induction motor generator sets of 4 bearing construction will be acceptable.W To—7/21
✓ 237877	7/10	To Crocker Wheeler Co	Request for cons REL3A 1111A, in connection with 5 kw set. W
✓ 237909	7/10	Elec Controller Co	Reports shipping from Norf for test E.C. & M. automatic motor starter for 5 kw set; fwsd print.W
✓ 237921	7/11	Crocker, Wheeler Co	Request confirmation of their understanding of specifications REL3-A111-A, relative to regulating motor speed.W

GENERATING SETS: MOTOR. 882 -- 3

Number.	Date.	From or To--	Subject.
✓ 238005	7/11	Marconi Co	States Shedd Elec Co has developed a 1/4 HP vertical motor, suitable for Navy type rotary gaps; request test at Phila. W
		To Gives action. 8/2	To Phila with ship motor, to Phila for test. 7/17 To Phila Instrns. 7/17 Philas quotes letter to Marconi reporting on test of 7/28 Marconi Co request copy of report 7/27
✓ 237955	7/10	To ~~Marconi Co~~	
✓ 237841	7/12	To S&A	Reqt ship of motor gen from Goodyear Co to De Forest Co. W
✓ 238338	7/13	To Copley Mfg. Co	Ask if spare ball bearings for 1/2 K.W. engine driven motor generators are included with rest of spare parts furnished by Crocker Wheeler Co. W To--Reqt reply. 7/27 Copley Mfg Co. 7/28
✓ 238593	7/13	Norf	2 kw motor starter: fws report on result of suitability test of, furnished by Elec Controller Co. W
✓ 238895	7/16	De Forest Co	Recommends Elec Supply Co be given opportunity to submit a 1/2 kw gen set for test. W To--7/20

GENERATING SETS: MOTOR.

Number.	Date.	From or To—	Subject.
236159	6/28	Triumph Elec Co	Reports receipt of order from K&C Co for radio motor generator sets, in connection with schedule 1213-1/2; request copy of above schedule.W To—motor from schedule above. 7/3
236178	6/29	Monitor Controller Co	Reports shipping starter for 1 kw set to Ports for test.W To—8/3
236326	6/30	Triumph Elec Co	Reports receipt of orders for 75 2 kw motor generator sets from Lowenstein and 50 Clark & Kilbourne; states that delivery dates are shorter than they can comply with .W To—Comments on. 7/5 Co 7/9
236407	6/30	De Forest Co	Offers 5 1-kw motor generators.W
236527	7/2	Compensation Board	Fwds copies of plant orders for material for which full payment is requested by contractors; applies to Destroyers 79 to 86; Board requests general ruling on orders of this class.N&S
236525	6/25	De Forest Co	Request that motor generator set be returned to them from Akron; states was loaned to Test Shop, Washington, for test purposes.W To Akron via letter—sent rec'd. 7/7 Supt Constr Akron request copy of bill of lading 7/10
236525	7-2	Ward-Leonard Co	Test report of test on their automatic starter and that firm be placed on acceptance list.W Wireless Spec Co request auth to use Ward-Leonard motor starter. 7/5 To Leonard report re Ward-Leonard starter. 7/7 To—action taken. 7/7
To wireless Spec Co re routine reports on Ward-Leonard starter from Ward-Leonard and Co of. 7/7 NY fwds report of test on sample starter submitted by Ward-Leonard Co. 7/25 To NY—7/25			CARD 3

982-5 GENERATING SETS: MOTOR.

Number.	Date.	From or To -	Subject.
✓ 236872	7-3	Elec Controller Co	one and two kw automatic motor starters, and controlling apparatus for radio panel. fws b/p and reit appoin met for July 11th.W
✓ 236988	7/5	H. G. Co T	States shipping one kw radio motor generator set to NY for test.W
✓ 236989	7/5	Cutting & Washington T	6 volt set should arrive Washington July 9th.W
✓ 237068	6/21	Lalley Electro-Lighting Corp (Parsonhall)	Request orders for his oil driven gen sets for radio use.W To - Comments on. 7/6 Lalley Electro-Lighting Co 7/21
✓ 237256	7/7	To Wash - Directs comparative tests between Coely and Lally gasoline sets. 8/2 To War Dept - Reports from Yard are that Lalley engine is satis. 8/14 To Mr. R. W. Taylor Co	Co 7/28 To - 8/2 - Request return of apparatus. 9/11 This and 12 sheets of covers cover motor generators for use with 1, 2, 3 and 5 kw trans. W
237397	7/5	Bath Iron Wks VOID	Asks if steel foundry at Post Yd is available for making castings in case of emergency for shipbuilders.A
✓ 237397	7/6	Elec Controller & Mfg Co	Name plates for automatic starters; fws sketch and requests criticisms.W

CARD 32

1917

GENERAL INVESTIGATION

Number.	Date.	From or To—	Subject.
✓ 232366	6/7	To NY	Manuf of Navy Type 500 cycle generator by H-C Co. Reqt recommendations as to drawings to turn over to H-C Co to work by. W
	To H-C Co--7/6		To H-C Co--Fwds specs for 1/2 K.W. Motor boat radio sets, with comm nt. 6/7
			Holzer-Cabot Co confirms understanding re 1/2 K.W. inductor motor generators for radio work. 6/19
✓ 232592	5-7	Triumph Elec Co	Reqt additional copies of specification for Motor generating sets. W
232773	5/8	NY	Fwds copy of telegram from M Is, requesting shipment of a 2 kw motor generator: states being used in radio laboratory: will handle work if shipped. W
			To Bureau, re: report of Motor generator from NY to M Is. 6/13
			To M Is--Cable action. 6/13
✓ 232518	5/8	To S&A	Reqt shipt of motor generator from Wash to Insp. Kron. W
✓ 232854	6/9	H-C Co	Radio motor generators, spares for: request instructions re furnishing. W
			To--Comments on 6/21
✓ 232991	6/9	H-C Co	Asks if 300 volts open circuit is intended to be minimum: states higher voltage permissible. W
	To--Comments on 7/6		To--Comments on 6/21
	To H-C Co 7/16		H-C Co 6/21
233436	5/12	Crocker, Wheeler Co	Request confirmation of instructions to Mr Clark to ship 1/2 kw motor generator sets which were high and synchronous impedance. W
	To--6/29		To--Comments on 6/20
			Co reqst confirmation of maximum impedance approved by Bureau 6/25

U. S. N. S. E. Form 134. 882 -- 3

Number.	Date.	From or To—	Subject.
✓ 233542	6/13	To NY	Protection of field of radio generators.
		To—Gives action. 8/1	Get full report on best method for. W NY 7/6 To NY—Detailed comments on. 7/20
✓ 234312	6/16	To Crocker Wheeler Co	NY submits estimates and states protection proposes by Elec Controller Co best 7/27 NY 8/28 1/2 DE 1500 Generator. Test certain test Co states made test and finds sheets showing 7/7
✓ 234685	6/20	Clark & Kilbourne Co	States Triumph Elec Co reports not in position to accept orders for motor genera- tors; request Bureau's assistance. W Co Triumph Elec Co—Finds copy of above letter. 6/22 Triumph Elec Co 6/26
✓ 235259	6/25	Cutting & Washington T	Crocker, Wheeler Co state they are still holding machines for Naval proving of impedance; request be expedited. W Co Crocker Wheeler Co—(T) L. H. 6/25 Co—(T) L. H. 6/25
✓ 235592	6-25	Triumph Elec Co	Bearing metal for motor generator sets; request permission to use their standard. W Co corrects letter of 25th, relative to bearing metal 6/26 Co—Comments on 6/29 Co will adhere to dimensions and sizes of bearings provided by Crocker-Wheeler 7/2
✓ 235935	6/28	Crocker, Wheeler Co	Request information whether or not ball bearings are to be changed and if so when it will be effective; states desires to antic- ipate orders for 2 and 5 kw machines and request that information be expedited. W Co—Gives information relative to Co relative to changing 1/2, 1, 2 and 5 kw machines to ball bearing type. W

1917

GEN SETS: MOTOR.

Number.	Date.	From or To—	Subject.
230132	5-23	Elac Controller Co	To Phila. — Rpt certain recommendations 8/2 Development of pole contactors for radio set; prints; and reqt test at Phila. W
230133	5-23	Elac Controller Co	Philas fvs report on Elac Controller set; prints; and reqt test at Phila. W Mfg Co's double pole contactor switch 7/17 To Phila. — Rpt on 6/7 To — 6/9 Phila 8/8 Phila recommendations 8/28
230180	5/25	H-C Co T	Automatic motor starter for 2 kw wireless set; fvs print and reqt test. W To Norf. — Rpt report on 5/7 Norf 6/9 Have started construction of 1 kw motor generator; expect to finish 3 or 4 weeks. W
230780	5/28	To Westinghouse E&M Co	Fvs portions of specs relating to power apparatus. W
230989	5/29	To Crocker Wheeler Co	Lists specs for radio apparatus, which have already been fvsd. Have placed name on mailing list for. W
231322	6/1	H-C Co T	Sample two K W motor generator - will ship June 4th

GEN SETS: MOTOR. 882 -- 3

Number.	Date.	From or To--	Subject.
231552	6/1	NY	Fwds forms recommended for recording description and test data on radio motor generators and loading inductances. W
✓ 231425	6/1	To Crocker Wheeler Co	1/2 K.W. radio motor generators. Re speed of 2500 R.P.M. and conditions under which can run this speed. W Co relative to permissible speed variation of half kw radio motor generators 6/5
✓ 231681	6/2	Elec Controller & Mfg Co	Automatic starter for 2 kw sets on schedule 1213-1/2; request written approval of their type. W
✓ 231831	6/4	H-C Co T	Have shipped sample 2 kw radio motor generator to NY for test. W
231871	5-31	Elec Controller Mfg Co	Reqt further information regarding hand starters from specs 6/1 starters. W
✓ 23224 ^u	6/6	Crocker, Wheeler Co	To--Gives info re tested. 6/4 Co gives ~~delivered~~ differences in their Gives contemplated shipment dates of half kw motor generators for Sperry motor boat sets. W
232350	6/6	NY	Fwds prints showing diagram for cutting connecting either an auto or hand starter to motor generator sets to 2 kw sets. W
232549	6/8	H-C Co T	2 kw motor generator test; test successful. W

1917

MAY 31 1917: MOTOR.

Number.	Date.	From or To—	Subject.
226307	5/2	NY	Fwd's drawings of 1/2 H.P. motor generator type "W"
226824	5/6	NY	Industrial Controller gives motor starters - recommends be placed on private list for radio work after certain alterations have been made. To—Comments on 5/10
✓ 226554	5/7	To Yards & Stations	Dist. control generating systems. Comments re structure of machines which are ready for delivery, and comments re normal operation of machines. "W"
✓ Bu 14	5/7	To S&A	Generating sets and spare parts. Rec re award. IR
✓ 227119	5/8	F. Lowenstein	Relative to time of delivery required by Crocker. Wheeler Co for motor generators. W
227075	5/8	To Sperry Co	Req. enter negotiations with Crocker Wheeler Co with view to furnishing that Co an Aero fan, urgently needed. The Sperry Co will expedite completion of material upon receipt of information from Crocker-Wheeler 5/9

G.W. 222. 10707. 882-3

Number.	Date.	From or To—	Subject.
✓ 227307	5/9	To Aero Sta	500 cycle radio alternator, re test desired. W
✓ 228140	5/11	Norfolk	Lowenstein motor gen sets. cont 26585; relative to discrepancy between Bu's figures and those reported in telephone conversation. W
✓ 228333	5/14	Crocker, Wheeler Co	Fwds copy of letter from W.B. Taylor, asking for catalogue of radio apparatus. W To Acknowledges 5/21
✓ 229080	5-18	Crocker-Wheeler Co	To Navy Intell—Fwds copy of letter from company. 5/21 RB 5-24 Gives probable date to make shipment of radio generator machines on different contracts. W
✓ 228957	5/18	To Monitor Controller Co	To Acknowledges 5/21 To Copley Mfg. Co—Submits information re deliveries promised by Crocker Wheeler Company. 5/21 Specs for radio transmitters delivered to company representative. W
229401	5/19	NY	Monitor Controller Co—Will submit sample starter parts in a few days. W Half kw radio motor generators submitted by H-C Co; reports on test. W
✓ 23 0024	5/23	Elec Controller & Mfg Co	Double pole contactor; fwds sketch and request test. W
✓ 230023	5/23	ditto	Are submitting for test an automatic motor starter for 2 kw wireless sets. Norfolk Yd; fwds print and description. W

GEN SETS: MOTOR.

Number.	Date.	From or To—	Subject.
✓ 224651	4/24	Crocker ~~Wheeler~~ Co.	Triumph Co. have received order from Laroni Co. for generators W
224654	4/25	M. Is	(R) Newland generator test will be repeated 4/26 request certain stations "listen in"
To—(T) 5/5			To—(T) 4/28 M Is (R) request Bu Standards report result test 5/4)
✓ 224688	4/24	Crocker Wheeler Co.	Schedule 75 - Fwds sketch of proposed switching device W To—Returns lotch with comment. 5/7 To—Regt di. grams be fwded. 5/1 Co will send prints in few days 5/6
✓ 224684	4/24	Crocker - Wheeler Co NY Oct. 19	Reports on test of 1/2 KW submarine set operating on 150 volt line with signal line rheostat W To NY- Asks if line rheostats with 1/2 KW Spark transmitters still needed 10-15
224733	4/25	Dubilier Condenser Co until Bureau desires deliveries at Bost Id 6/7	Requests authority to divert condensers from Government contract to order from Radio Co without penalty for delay in Government delivery W To—Comments on 5/21 Co request confirmation permission to fill orders of radio companies that are urgent
224805	4-24	GE	Will undertake mfg of 10 20kw motor generators for Federal Co. W To GE Co--Satisfy if spare parts are tested in one of last sets to be completed. 4/28
✓ 225010	4/25	Crocker, Wheeler Co	Fwds letter from Harry A. Green, requesting information as to their generator. W To Nav Com and Intell--Fwds copy of above letter. 4/30 To--Acknowledges. 4/30
✓ 224953	4/25	Walker Bros & Haviland	Rheostats manufactured by the National Elec. Controller Co; states inspectors are rejecting same; request definite acceptance of this type. W To--Comments on 5/5

882 - 3 GEN SETS; MOTOR.

Number.	Date.	From or To--	Subject.
✓ 225635	4/30	Chloride Silver Dry Cell Battery Co.	Re t inform and specification covering cells for radio instruments. W To--Comments on.5/10
✓ 225735	5/1	To Thos Edison	Bu is in urgent need of 5 K.W. radio motor generator loaned to Mr. Edison, and ship of Thos Edison; will ship to NY May 3.5/2 To-- Acknowledges.5/7
225709	4/30	NY	Holtzer-Cabot 1 1/2 kw radio generator; reports on test. W
✓ 225877	5/1 To--5/9	M R Hutchison	A and B storage batteries for audion work; request certain information before proceeding to design. W M R Hutchison (T) asks if placing batteries in separate boxes is agreeable to Bureau 5/9 M R Hutchison request action 5/8
✓ 225878	?	Chloride of Silver Dry Cell Battery Co	asks reasons for discontinuing use of their cells. W To--Comments on.5/10
✓ 225918	5/2	Holtzer Cabot Co. T	NY report forwarded 5/18 5/22 Ask if 1 1/2 kw radio generator satisfactory W To--(T) Gives action. 5/2
225419	5/2	To Wireless Spec Ap Co--(T) Approves 8-C Co set if supplied with suitable 9 wire terminal block. 5/17 To--(T) Gives action. 5/17 To Yards Com Supts	H-C Co request action 5/9 To--(T) Will fwd report on modif on May 14.5/10 To NY--Fwds copies of telegrams.5/18 Protection for arc radio motor generators. Directs place metal railing around generator and sign placed warning not to touch generator frame, where generator is insulated from base. W

GEN SETS: MOTOR.

1917

Number.	Date.	From or To—	Subject.
✓ 222957	4/12	Crocker, Wheeler Co	Have received order from Marconi Co for 100 radio generators: understood Triumph Elec Co to handle. To--Comments on 4/15
✓ 223040	4/12	Crocker, Wheeler Co	(Personal) Relative to order for 75 sets with Cutting & Washington, Copely & Co. W
✓ 222893	4/7	Crocker, Wheeler Co	Relative to holding up order for 50 generators for spare equipment on account of change in design. W
✓ 223248	4/6	Meirowsky Bros	mica for condensers Aske requirements. To--4/28
223183 ver	4-4	CO	Reports on leaky boiler. Y
✓ 223294	4/12	Crocker, Wheeler Co.	Motor Generators. 4 letters Status of orders for
✓ 223611	4-18 To Reqt 4/21	Crocker Wheeler Co Crockers quotes price	Submits resistance generators and spares for 1 1/2 kw sets in store. W Co lists apparatus on hand ordered by the Royal Danish Navy, unable to ship 4/18 for 2 extra sets 5/10
✓ 223658	4/18	Crocker, Wheeler Co	Specifications under Title D, power unit: relative to variation voltage, etc., of generators. W Co corrects previous letter 4/18 To--Gives interpretation of specs. 5/1

582-3 GEN SETS: MOTOR.

Number.	Date.	From or To—	Subject.
23 604	4-18	Crocker Wheeler Co.	Request inspection of Free voltage motor generators. W To—4/28
✓ 223783	4/20	M Is T	Newland high frequency generator; test commences 1st; recommendations relative to. W To—(T). No test heard. 4/21
✓ 223948	4/20	3B Co Fwd S&A—5/1	Will rush order for motor generators; expect to deliver ten sets within three months; request confirmation of verbal order. W To Dept. V&S—5/1 that they will deliver 10 sets. 4/21 RB 4-28
✓ 223951	4/20	Copely Manf'g Co To—(T) Gives action taken. 4/20 To Nat'l Elec Sup Co—Gives action taken. 5/1	Change in price due to modification in sets. W National Elec Co Supply Co. fwdscopy of letter to Copely Mfg Co. 4/26
✓ 223958	4/20	Crocker Wheeler Co.	Mr. Lowenstein requests information as to whether he shall place order for motor generator alternators with Triumph Elect. Co. or Crocker Wheeler Co. W To P. Lowenstein—Directs place with Crocker Wheeler Co. 4/26 To—4/26
✓ 224 053	4/20	De Forest Co	Have information from W. R. Hutchison that they can deliver 30 type W, 42 cell design B batteries in 25 days. W
✓ 224551	4/23	To Ward Leonard Elec Co	Comments re criticisms of company relative to performance of sets. C

GEN. SER. 1. MOTORS.

Number.	Date.	From or To--	Subject.
✓ 221633	4-7	Crocker Wheeler Co	Radio generators; fws radio generator stock sheet form marked showing shop orders already issued in anticipation of Navy requirements.W Co have received revised order from the Copely Co requesting Cutting & Washington rush their order 4/9 To--Detailed comments on 4/13 Crocker Wheeler Co. submits statement. 4/11
✓ 221760	4-6	Triumph Elec Co.	Copy of letter to Crocker Wheeler Co. relative to manufacturing generators under their plans and patents.W.
✓ 221821	4-9	Copelay Mfg Co	Power plants for radio outfits; recommends be fitted with suitable speedometers.W To--(1) Speedometers reqd. 4/11
✓ 221215	3-28	Norf	Holtzer Cabot Co. radio motor generators; fws plans.W
✓ 222000	4-9	Delco-Light Products	Calls attention to their single unit generating plant. W. ✓ To-Horse Elec Light & Power Equip Co--Comments on usefulness of sets. 4/12
✓ 222230	4-9	Crocker Wheeler Co	Status of orders for motorgenerators.W.
✓ 222232	4-10	Lowenstein, F T	Triumph Elec Co. representative has not visited works; have telegraphed order.
✓ 222658	4/14	Crocker, Wheeler Co T Crocker, Wheeler Co confirms deliveries promised 4/16	Will ship 1 kw chaser radio alternator single phase 1800 revolution June 14th. 5 more machines 10 days later; part of order to Marconi req 13.W

GLEN SETS; MOTORS. 882-3

Number.	Date.	From or To—	Subject.
✓ 222241	4-11	Lowenstein, F T	Quotes telegram from Triumph Elec Co. stating are proceeding with orders for motor generators. W
✓ 222345	4-11	H-C Co	Motor generators; request dimensions of 1 kw be changed. d.w To—will be changed. 4/14
222432	4-11	Phila	States generator and transformer furnished for LIL-307A has different constants; request these undesirable points be avoided in future. W
Phone	4/4	NY	Re test of 1/2 K.W. motor generator to be submitted by H-C Co.
✓ 222488	4-13	Crocker Wheeler Co	2 letters; statement of orders received for motor generators. W To—Comments p. 17 To Ray Communications. 4/17
✓ 222585	4-9	Crocker Wheeler Co	Have guaranteed Triumph Co. order for 30 generators. W.
✓ 222578	4/14	Crocker, Wheeler Co	Co fwsd copy of letter from Triumph Co. accepting terms under additional 5/90. Are ordering 30 machines from Copely Mfg Co. W

GEN SETS: MOTOR.

Number.	Date.	From or To—	Subject.
✓ 220645	3-31	Crocker Wheeler Co T	personal: reports shipping National Elec Supply Co. 1/2 kw motor generator by express.W
✓ 220721	4-2	Crocker Wheeler Co	1/2 kw generators; quotes price on 4 sets w.thout rheostat and stater; also status of machines contract 24605 and 26106; estimate for changing loading element on generator field sets already ordered.W.
		Co explains apparent discrepancy in prices 6/2	
			Byd NY--4/11 RB 5-11 To ~~NY~~ —Re: return of papers.4/21 To ~~NY~~ —Re: return of papers.5/9 To ~~NY~~ —Re increase in bid.5/19
✓ Bu 351	4/2	To Western Elec Co	Directs change order with Crocker Wheeler Co, so as to call for a two winding machine with separate fields and field rheostats. R
✓ 220828	4-2	H-C Co. T	Sample 1/2 radio motor generator ready for test.W. To--(T) Instrns re snipt.4/3 H&C Co. Motor generator shipped 4/13 -4/21 W
✓ 220270	3-27	Telephone Crocker Wheeler Co	Relative to motor generators; and allowing another company to manufacture under their plans.W.
✓ 221011	4-2	Mechanical Appliance Co	Unable to bid on 500 cycle motor generator.W
✓ 221083	3-3	Crocker Wheeler Co	Copy of letter to Triumph Elec Co giving conditions under which that company is to manufacture motor generators for navy during war with Germany using Crocker Wheeler design.

GEN SETS: MOTOR 882 -- 3

Number.	Date.	From or To—	Subject.
221328	4/6	Crocker-Wheeler Co	States would be glad to furnish the Dept the names and addresses of people desiring to buy their apparatus.W To--acknowledges.4/10
221572	2	GE Co	Direct current generators for radio; calls attention omission in specns.W. To--4/10
221589	4-7	Copely Mfg Co	Request sample of power plant, Wash Yd be returned to Crocker Wheeler Co, Newark Office.. To Wash--instrms re shippt. /10
221598	4-6	Crocker Wheeler Co	Cannot guarantee their generators for radio use when driven by gasoline engines.... To--Comments on.4/10
221699	4-7	Crocker Wheeler Co	Motor generators; submits list of all unfilled orders for Navy.W.
221632	4-7 Co copy of letter to wireless Spec Co relative to credit 4/11	Crocker Wheeler Co	Submits list of contract numbers and contractors who have ordered motor generators to apply to Gott orders and manufacturers held up pending establishment of credit.W.
221631	4-7	Crocker Wheeler Co	Offers to mfg at their own risk a good supply of different sizes radio motor generators subject to Bu order if required..

GENERATING SETS: MOTOR.

Number.	Date.	From or To—	Subject.
✓218408	3/15	Holtzer-Cabot Co	Generators for radio use; gives description of those manufactured. W To--lists characteristics in standardizing motor generators. 3/19
218657	3/19	To American R&R Co T	Bu desires Crocker Wheeler generator in accordance with company's alternative proposition. Speed must be 2500. W
219109	3/22	To Crocker Wheeler Co	Reqt manuf of motor generators for 135 1/2 K.W. sets be started immediately. Comments on requirements. W Co will supply entire 150 sets of ball bearing type 3/23
✓219261	3-22	Norf Fwd NY--5/1 RB 5-25 Norf estimate 8/11	Motor generators, etc. received from NY; estimate for repairs. W To--Reqt further information 7/30 Norf gives information on items 29, 9, 42 and 34 4/27 W
✓219372	3-23	Crocker Wheeler Co	States motor generator name plate does not allow any space for showing impedance. W To--instrns. 3/28
219382	3-22	NY	Connection for motor generators; fwds plan of both automatic and handstarting. W
219433	3/24	To GE T	Lt Hooper and Radio Aid Clark will visit GE Co. Monday forenoon. W

GENERATING SETS: MOTOR. 682-3

Number.	Date.	From or To—	Subject.
✓ 219842	2-21	H-C Co.	Motor generators for 1/2 kw sets; gives reasons why they are competent to supply; ^{Recd. 1/2-23} stating only satis- motor generators have been obtained from Crocker Wheeler Co. RB recommends considering other than th Crocker Wheeler make. 3-24 To--Comments on machines. 3/2 H-C Co request reply 5/16
✓ 220119	3-26	Dale, Rey Corp	Relative to generating set to be submitted by Copeley Mfg Co. in connection with De-aqect contract for airplane sets.W. To--Comments on. 4/4
✓ 220159	3-29	Copely Mfg Co	Reports shipping motor generator from Crocker Wheeler for test to be used in connection Sperry Co contract... ^{Recd Wash. 4/3 RB 4-10} To--Generator will be ret'd to Crocker Wheeler Co. 4/11
220392	3-30	Crocker Wheeler Co Co have furnished data to Triumph Co 4/5	Motor generators for radio purposes; pro- tests against proposed arrangement for furnishing CB with their designs and specs; Gives competitor unfair advantage.W. To--Directs transfer drawings, etc. to Triumph Elec Co. 4/2
220527 VOID	3-31	Bath	Protective plates for elec cables; plan.
220611	3-19	Cutting & Washington	Proposes to submit Crocker Wheeler generator with their sample set.W. To--Satis. 4/3
220592	3-31	Copely Co	Reports forwarding generator to Washn by express for test.W.

1917

GENERATING SETS: MOTOR.

Number	Date	From or To	Subject
✓ 212864	1-29	Crocker Wheeler Co ~~Edison~~	Request permission for representative to visit Tuckerton station in connection with examination high frequency generator. W To Tuckerton—2/3 To--No objections. 2/3
213331	1/29 1/31	E. F. Dume Dept	Fwds data on motor generator patented by V. C. Goodridge. W&L To--Comments on. 2/3 (Sec Sig)
✓ 213514	2-5	Walker Bros & Haviland	(T) Industrial Controller Co doubled capacity for manufacturing radio starting equipment; will call Feb 6. W
214426	M	Clark, GH	Domestic Engineering Co; gasoline engine and generators; for radio equipment; light house es, fog horn warning sets, etc. Re difficulty in locating Masan representatives, etc. W
✓ 214890	2-15	Crocker Wheeler Co	Request confirmation of use of waived wound armatures in lieu of lap wound on interpole machines. W To--2/23
✓ 215006	2-16	Edison, Thomas A T	Request NY Yard loan 5 kw motor generator set. W To NY--Auth temporary loan of. 2/16 (T) To--(T) loan auth. 2/16

CUMULATIVE INDEX: MOTOR.

882 -- 3

Number.	Date.	From or To—	Subject.
M. Is. 411	2/17	To Cutler Hammer Co To H-C Co. 2/19	Rec do not bid on motor generators of 500 cycle as have never supplied any in past. WR Fwd NY--3/1 To H-C Co--3/7
215296	2/19	To Marconi Co	Reqt quotations on 9 additional motor generators with spares, to be duplicate of those being supplied on contract 28772. W Marconi Co will send quotation early date 2/20 Marconi Co quotes price \$3.5 To Crocker Wheeler Co--Lists generators and reqs price. 3/19
Bost 41	2/19	To Bost	Have disapproved reqn for one motor generator for use in radio laboratory. Lists material will approve reqn for. WR
✓ 216537	3-2	Ophuls, Hill and McCreery	Motor generators; can furnish 1/2, 1 and 2 kw direct connected to small gasoline eng. W To--Fwds blue prints specs. 7/29
✓ 217287	3-8	Crocker Wheeler Co	Motor generators for submarine chasers; asks if machine is to be tested at full load for one half hour in connection with intermittent rating. W
218028	3-12	Elec Spec Co	Notes approval of their generators for airplane and dirigible sets; fails to see how their insulation of larger sets can be so inferior to Crocker Wheeler machines. W To--Comments on. 3/20 Go further data 3/21
✓ 218263	3-14	H-C Co	2 kw motor generators; asks if any objection to speed less than 2000 rpm. W. To--Comments on. 3/19

GENERATING SETS: MOTOR

Number.	Date.	From or To—	Subject.
205274	11/11	To GE Co	Ask whether Alexanderson Radio high Frequency Alternator sufficiently developed to take an order for a set for Arlington, 175 amperes in the antenna. W G E Co unable to state when ready 12/9
205874	11-16	At Ft	Generators for arc sets: fwds report on re-adjustment of series field to prevent generator reversing while transmitting on arc. W
207322	12/5	To Wireless Spec Apparatus Co.	Acknowledges receipt of catalogue of direct current eng and generator for ships having no elec power. W
207723	12-5	Crocker Wheeler Co	Motor generators for 5 kw sets: non on direct contract with Bureau: fwds test curv. a showing machines meets impedance called for by specs. W
207979	12-8	Firth, Jo n	To—Acknowledges letter 13th. 1/23 JH Hallberg Co. directed—connected going outfit for radio will be demonstrated on White House
208629	12-5	M. Is	Firth states Mr. Hallberg reports that forwarding set to the Bu of lawn. W commercial economics chargeable Mr To—Acknowledges letter with comment. 12/26 Holley in Washington 1/13 Firth will reply in a few days 1/12 30 kw arc sets: cont 784: report on heat test of armature field spoils show excessive rise. W To—Concurs with 1/3 To Fed Tele Co—Gives report of M. Is. 1/4

GENERATING SETS: MOTOR. 882-3

Number.	Date.	From or To—	Subject.
✓ 209145	12-19	Crocker Wheeler Co	5k3 motor generator sets; offers to furnish 2 eye bolts for each set. W
✓ 209305	12-20	Crocker Wheeler Co	Motor generators being supplied for 5 kw machine for Norf. Lowenstein contract; request telegraphic approval. W To--Have notified Lowenstein. 12/22
✓ 209573	12-22	Crocker Wheeler Co	Motor generators; windings of D-C motors lap or multiple. W
			1917
210507	1-4	Crocker Wheeler Co	Motor generators for arc radio sets; efficiency given will check up if high potential test is kept at 5000 volts. W
✓ 210583	1-4	NY	Motor generator and starter controller for radio motors; feds prints of experimental; will install controller on ship for practical working test. W To--Gives action. 1/12
✓ 211012	1-8	NY	1-kw crocker wheeler generators; Wireless Spec Co request test of; recommends either Norf or Bost make. W
211611	1/16	To S&A	Reqd shipt of one 50 H.P. Motor from Chasn to NY for disposition. W

GENERATING SETS; MOTOR:

Number.	Date.	From or To—	Subject.	
199080	9-12	To Norf.	Specfns for inductor alternators, transformers, and reactances; directs changes be made in 9/12 Norf 9-18	
✓ 199178	9-13	To E.J.Simon,	1/4 K.W. motor gen set for aeroplanes may be purchased from H-C Co. W	
✓ 199274	9-14	TO H-C Co	Auth to furnish firms with aero radio motor generator	918
✓ 200326	9-26	Crocker Wheeler Co	T 1/2 kw specna call for 2000 RPM; standard 2500; asks if correct. W To--(T) Revised specns will include 25 rpm for halves 9/27	
✓ 201091	10-4	To--Acknowledges letter 12/14 as To Post--Instrns. 1/6 To Crocker Wheeler Co Co relative to resistances of conductors 11/23 Co construction of the audion pilot conductor apparatus not to be disclosed prior to issuing of patent 12/14 10-5 Crocker Wheeler	satis. 2/1 Crocker-Wheeler Co quotes prices 12/14 Reqt est for certain apparatus, and approx time of delivery W To--Fwds copy of above letter. 10/13 To--Revised specns. Lists revision. 10/30 To--Lists further modifi. 11/3 Crocker-W. Co. reqt reply to letter 12/14. 1/29 Motor generators for radio; recommends that bids be postponed. W To--Will not postpone unless to the advantage of Bu. 10/11	
✓ 201239	10-5	Crocker Wheeler		
203367	10-12	M. Is To NY-- Reqt copy of. 3/1 NY have telegraphed M. Is; reports on 2 kw motor generator and transformer; former report 50% incomplete 3/5 NY report is being prepared at Wash id 3/7	2 kw, 500 cycle motor generators; fwds plans, test report and description; has been delvd Supply Officer for shipment to NY for further test. W To NY--Ask when tests will be completed. Fwd copy of report to M. Is. and Bu. 10/27 NY will submit report Nov 10 10-27 To--(T) Reqt copy of report be fwd'd. 2/28	

GENERATING SETS: MOTORS.

882 — 3

Number.	Date.	From or To—	Subject.
203403	10/24	To Crocker Wheeler Co.	Reqd test Columbia College possibility using same machine as filament and space current supply for 2 receivers using audions. Inform if separate filters necessary. W (T)
203715	10-17	M.Is	5 k3 motor generator; revised estimate for. W To via S&A—Appvs revision. 10/30
204015	10/30	To Crocker Wheeler Co.	Encls sketch showing type of audion circuit which will be used with filter and motor generators. W
204931	11-8	Crocker Wheeler Co.	Asks if satisfactory for them to file complete set of specs, curves, photographs, etc of motor generators being bid on by various firms under schedules 71, 72, 75, and 134. W To—Satis to Bu. 11/9 Co submits data on schedules 11-10 To—Acknowledges receipt of letter 10th. 11/13
198938	11-8	NY	Will complete print modifying motor generator in about month 876
204936	11-1 11-8	Lowenstein, F NY	Specs for motor generators; request interpretation of certain paragraphs. W To NY—Explains. 11/10
205048	11-9	Crocker Wheeler Co.	Submits probable dates shipment various motor generator sets due on orders from radio firms. W
		C-W Co. lists orders still unshipped 11-16 To—Acknowledges letter. 11/21	To—Comments on. In future must have guarantees of prompt delivery. 11/11
		Co 1/2 kw sets finished; 5 kw to be shipped few days 12/1	

GENERATING SECS: MOTOR.

1916

Number.	Date.	From or To—	Subject.
✓ 191251	5-18	Sweet, Lt Comdr Personal	Relative to Neuland generator. W
✓ 191797	5-24	To John Firth.	Comments on drawings for "Dubiler condenser container casting" fwsd by drawing of container casting for comment. W Firth are makin' special patterns 6-29 To—Reqd drawing of new container you propose to furnish. 7/1 John Firth will forward sample 7-5 To—Sample now required; reqd copy drawing. 7/6
193449	7-17	To Firms.	Reqd detailed statement as to the method recommended for the measurement of synchronous impedance of 500 cycle inductor type generators for radio work. W H-C Co outlines method 7/19 Diehl Co 7/21 Crocker-Wheeler Co suggestions 8/1
✓ 193900	7/18	NY	Radio motor generators; rotating elements; unsatisfactory condition of; submits estimate for altering. W To— Appva. 7/22
✓ 194507	7-25	To Marconi Tel Co.	States alternators shall be of the inductor type and does not desire to revert to the revolving armature type. W
✓ 194773	7/20 7/26	Norfolk NY	Standardization of 500 cycle generator transformer circuits. W

GENERATING SETS: MOTOR: RADIO. 882 -- 3

Number.	Date.	From or To—	Subject.
✓ 196501	8/11	Wash	Recommends loan of a 2 kw motor generator to the Supt of the Capitol Building and Grounds.W Supt Buildings & Grounds (E Woods) reqt loan of radio motor generators 8-3 Fwd Dept rec appvl 8/22 RB appd 8/24 Fwd Dept inviting attention to other endorsement 8/22 To Washn. authorizes loan 8-28
✓ 197698	8/25	To Crocker- Wheeler Co	S&A has requested the NY and the San Fran POs to take up details of supplementary contract with them.W
✓ 198521	9/6	Crocker, Wheeler Co	Motor generator: states can meet temperature rises called for in revised specifications.W
✓ 198522	9/6	ditto	Quotes price on a standard Navy type motor generator set for radio.W
✓ 198523	9/6	ditto	Generators for radio sets: gives dimensions of various sizes from 1 to 10 kw.W
198557	8/25	M Ia	Reports on development of Neuland generator.W To--Ack receipt of 9/13
✓ 198652	9/1	Nikola Tesla	Fwds photographs of his generator for delivering alternating current of constant frequency.W Nikola Tesla reqt conference 9-13 To--Offers to test out machine. 9/12 To--Reports testing at Wash. 9/15 Tesla will test at Wash. 9/17 Tesla reqt one of the experts be sent to examine 9-24 Tesla will Mr. Clark. 9/26 To--Clark will visit on Friday. 9/25

GENERATING SETS: MOTOR

Number.	Date.	From or To—	Subject.	
183131	3-29	Crocker Wheeler Co	Motor generator sets; have received order from Lowenstein to apply to contract awarded him on schedule 9212; reqt decision on inerpole construction. W To--Latter now under consideration. 3/31 Crocker Wheeler reqt decision 4-17 To--Gives suggestions. 4/24	
183132	3-29	Crocker Wheeler Co	Request date be set for demonstrating motor generator set for operating audion. W To--Bu will be pleased to witness demonstration of set. 3/31	
26028	4/19	To Fritz Lowenstein To Crocker-Wheeler Co To NY	Waives certain requirements in design of motor generators	629
185554 S&A motor generator	4-27	To NY. June 16th 7/19 Fwd NY--8/2 RB 8/9 RE 10-21	2 K.W. 500-cycle turbo-generators for spares for radio sets; Reqt yard prepare reqn calling for bids on. W To--Asks when reqn will be prepared. 6/21 NY none; one from Am. West possibly 6-20 To S&A--Reqt shipment be made. 6/30 Generators for ~~me~~ current supply for DeForest audions. W To--Comments on; Bu does not desire to depart from present practice! 6/3 Crocker Wheeler, Co 6-11 To--Comments on. 6/7	
186239	4-28	Crocker Wheeler Co	Generators for ~~me~~ current supply for DeForest audions. W To--Comments on; Bu does not desire to depart from present practice! 6/3 Crocker Wheeler, Co 6-11 To--Comments on. 6/7	
187309	5-9	Walker Bros & Haviland	Motors for radio starters for: W To--Comments on. 5/17	
187353	5-9	Norif	Submit estimate for motor generators, and transformers. 5/13 To-- Approvs. 5/13 Norif fws vandykes 6-2	

882 -- 3 GENERATING SETS: MOTOR:

Number.	Date.	From or To--	Subject.
188127	5-18	To M.Is.	Inform Bu as to shipment of experimental 2-K.W. motor generators mentioned in par 2 of RM2A126A. W M.Is ready 6-1 5-26
188274	5-18	To NY.	Asks if radio motor generator under contract 388 has been shipped to New Orleans. W
188448	5-19	Crocker Wheeler Co	Schedules 9212, 9405, 9552; 10 page letter and argument to specify Crocker Wheeler motor generators when awards are made to radio contracts. W To--Comments on. 6/10
188405	5-19	To S&A.	Reqt shipment 2 K.W. motor generator from Pug Sd to M.Is for disposition. W
9405	5/19	Norfolk	Automatic starter submitted by Sundh Elec Co; reports on
188825	5-24	To Norfolk-M.Is.	Navy radio motor generator; defective bearing reported on CONYNGHAM; reqt comment on. W Norfolk finds plans overcome difficulty in bearings 5-29 M.Is provisions for remedying defective bearings 6-6
190403	6-8	CE	Radio generator and motors; comments on specs for 20 and 50 kw sets. W To--Comments on. 6/19 To Fed Tel Co--Lists mod made in specs to conform to suggestions of CE Co. 6/19

706

GENERATING SETS: MOTOR:

Number.	Date.	From or To	Subject.
171681	11-19	To M. Is.	Notes on disassembling of 5-K.W. motor generator should be supplied with each generator of this type. W
172363	11-27	Norf	Motor generator and transformers; fwds special report on losses present 5 kw type. W To--Gives changes made in Penn 627 for. 2/8 Norf retn 627; shows items to be purchased and mfg under 2-12 To--Gives changes made in. 3/1
173987	12-3	Terry Steam Tur Co alternator	Req. specs for turbine end of turbo alternator for radio work. W
175869	1-10	Crocker Wheeler Co	Delaval turbine for generators for radio use; fwds data. W
178558	2-8	Norf	Reet uard be assigned manufacturing of 5 kw motor generators and transformers. W To--Su considers inadvisable; expedite completion of first set of K.W. sets. 2/19
178929	2-12	M. Is R	Norf motor generator report not recd. W
180450	2-29	Dayton Elec Mfg Co	Gives data on gen sets for radio work. W To--Fwds copy specs covering. 3/7
180468	2-29	Norf	5 kw motor generators and transformers; assembly plans. W To--Allvs. 3/6

GENERATING SETS: MOTOR, 882-3

Number.	Date.	From or To--	Subject.
✓ 180894	3-6	Goodman, E.R.	Request investigation of of a 2 kw 500 cycle motor generator for radio use. W Fwd M.I.s 3/24 RB 5/1 To--Officers to test at Norf; take up with that yard. 5/24
✓ 181340	3-10	Crocker Wheeler Co To--Comments on. 5/19 To--Westinghouse Co. 4/18 To--GE Co 5-10 To Ge--5/19	Motors for radio; suggestions for W To Norf--Rept comments on. 3/11 RB 3/20 Fwd M.I.s 3-21 RB 4/13 To Westinghouse Co gives data 5/9 To Westinghouse--Ack receipt 5/13
✓ 181369	3-11	Crocker Wheeler Co	Radio motor generators 20 kw; asks if are to be used for arc sets; request data. W Crocker Wheeler rept action 3-20 To--Spec's covering will shortly be issued. 3/22
181531	3-13	Crocker Wheeler Co T Co (T) audion supply motor generator will be demonstrated at Columbia University 4/5	Special motor generator set and auxiliary device for use in place of batteries for supplying current to DeForest audions; cont 184; rept authority to demonstrate. W Company amplifies telegram 3-13 To--(T) Bu's representative will witness demonstration. 4/14 Crocker Wheeler asks date when representative will call 3-20 To--Will give two days notice. 3/22 To--Lt. Hooper will witness test. 4/1
182009	3-14	M.I.s	Recommends assignment of 2 5 kw motor generators manufactured at yard. W To--Will assign; authorized. 4/8 To--Gives assignment. 4/10
✓ 182213	3-21	Crocker Wheeler Co	Radio motor generators; fws book of photographs; calls attention to bid on schedule 9212. W Fwd M.I.s--3/24 RB 4/8 To--Ack receipt of; rept additional. 3/25
9405	?	Simon, E. J.	Asks if closed radio transformer submitted for test NY is suitable for this schedule 706
182115	3-21	To M.I.s.	Discrepancies between data and actual

GENERATING SETS: MOTOR.

1010

Number.	Date.	From or To--	Subject.	
✓ 158496	6-17	At. Com. Co.	New type high frequency generators installed at Sayville; agreeable to make arrangements for Navy to acquire license for mig. W To--Will consider. 6/22	
161942	7/27	NY	Generator field coil; believes Yard can manufacture for less than quoted by Atlantic Communication Co. W Fwd LAMSON--Will be fwd to NY. 8/3	
✓ 162736	8-6	To GE Co.	Alexanderson high frequency alternator; will be pleased to make test of at Arlington in comparison with a 60 K.W. and for use in trans-atlantic work. W GE Co not ready for test 8-27	
163216	8/12	To M Is	Reqs data as to disposition, etc of 12 motor gen and transformers mfr at M Is	876
163444	7-30	M. Is	Newland generator; report on by Expert Elec Alas. W To 8/20	
✓ 163435	7-29	Mossa, Lt. C.C. Personal	GE Co not yet ready for high frequency generators test at Arlington. W	
✓ 165054	8-24	Sweet, Lt. Comdr, GC	Reports on progress of Newland generator. W	
166471	9/21	Norfolk	Motor generators and transformers; rec. Yard be allowed to manufacture and that shops be fitted to do work. W To--Instructions. 10/6 To--Asks probable date yard can undertake work outlined. 11/9	

GENERATING SETS: MOTOR. 882-3

Number.	Date.	From or To--	Subject.
166514	9/16	M. Is	Heuland generator: fwsd photos of plans
	To--(T)	Appvs est. 10/25	500-cycle single-phase: compares dimensions with Navy Standard: reqt auth to construct one machine for test purposes. W
			To Via Pac Ct Supt--Appvs est for with instructions. 9/24
			M. Is misunderstanding Bu approval: reqt app mg 500 cyl. 2 kw. single phase 10-4
167017	9-30	To M. Is.	M Is (T) reqt action 10/22
			Reqt Norf be furnished with set of avandyses of 5-K.W. radio-generator and trnsformer. W
167256	10-2	To NY.	Turbines under contract 12894: asks whether turbines are designed to operate on back pressure or vacuum. W
			NY either 10-9
168639	7-26-14	Hooper, Lt. S.E.	Repts on Alexanderson high frequency generator mfg by GE Co. and Generating plants at Sawville, Tuckerton and Cooper Hewitt receiver.
8908	10/25	G E Co	Radio motor generator: re changes in specns 706
171298	11-15	Liebowitz, B	Are oscillation generators: discrepancy theory and measurements: suggests ~~theory~~ theory for measuring output. W
			Fwd Repts Wash-- For comment. 11/19
171463	11/16	Norf	Manufacture of radio motor generators and transformers: submits estimate covering manufacture of dies, jigs, winding forms: also states an additional radio draftsman will be required. W
			To--Appvs. 11/20
			Norf 11-25

1915

GENERATING SETS. MOTOR.

Number.	Date.	From or To--	Subject.
145051	1-13	M. Is	Reqt braided cable, etc. from NY in connection with mfg. W Fwd 34A-- Reqt for shipment. 1/27
145855	1-28	NY 809-27	5 kw generator and transformer manufactured at Mare Island. Report of test. W
147309	2-6	M. Is	To M. Is--Fwds further information for Sweet. 7/6/15
147671	2-17	M. Is (R) Sweet Fwd M. Is-- 4/9 RB 5/25 To Lieut Sweet via Nav--Re investigation of. 4/9 H-C Co.	Newland high frequency generator; fwds report on by Lt Comdr Sweet; revolutionizes Fwd Dept-- Comments on. 3/6/18 appd 3/17 To Heineman-Pearson Co--Re terms upon which Dept may enter into investigation of. 3/6 5 kw radio motor generators; reqt test of new type. W To-- Comments on. 2/24
148126	2-24	NY	Remodeled M. Is transformer; report of test on W.
149052	2-26	M. Is 2359	Newland generator; test report; fwds photo.
149646	3-3	M. Is	Motor generators and transformers; states delay in securing sheet steel, schedule 7778 will delay completion. 4/1 To-- Instructions. 4/1
149749	3/13	NY 1534-809	500 cycle GE dynamotor for use with quenched spark radio transmitter; report on test. W
150262	3-16	Heineman Pearson Co.	Newland generator; suggested scheme for Bu manufacturing at M. Is under license 4/9
151282	4-2	To Westinghouse Co. Co. 4/8-- Used by Amer S S & V Corp Gives speed. W	To-- Comments on proposed arrangement. 4/9 Company outlining agreement to allow Navy to mfg under royalty 4-20 Asks if it is practicable to supply a 220 volt, 3-phase, 60-cycles motor to replace same bedplate on sets under reqn 101. W Westinghouse quotes prices 4-16

GENERATING SETS: MOTOR: RADIO. 882 — 3

Number.	Date.	From or To--	Subject.
✓ 152430	4-9	M. Is	Motor generator originally assigned PRINCETON: estimate for repairs. Y To-- Appva: 4/19
✓ 153066 (See 154157-408-6)	4-19 4-22 S&A	Grocker Wheeler & Co. S&A	Offers D-C spare armature for radio generator at reduced cost. W Fwd Yerba Buena-- For comment and rec. 4/29 To S&A replies 5-3 RB 5/10 Fwd S&A--Have have fwd to for rec. 5/6 Fwd S&A-- 5/7 To Yerba Buena--(R) Reqt return corres. 5/7
✓ 153943	4-26	M. Is	Reports shipment of complete experimental motor generator to NY for test. W
✓ 154589	5-3	M. Is	Motor generator ex-PRINCETON: estimate for repairing for stock. W
✓ 154986	5-8	Sweet, Lt Comdr, G.C. Retd	Accepts and makes application for duty in connection with investigating Neuland generator. W Fwd Navy--Reqt orders be issued for this duty at Navy Yard Mare Island. 5/22
156386	5-26	M. Is 6671	2 kw. 500 cycle motor generator: submit estimate for developing. W To-- Appva: ship to NY for test with comment and rec. 6/5 To NY-- Fwds copy above. 6/5 To-- Re type suitable for manuf. 6/22
✓ 158006	6-10	Pfund, R.	Offers 2 100,000 cycle Alexanderson generators. W To-- Do not desire to purchase at this time. 6/16

M. Is will submit recom completion experiments with Neuland gen 8-23
To M. Is--Asks data completion. 10/25
M. Is gives data on completion 11-5

GENERATING SETS: MOTOR.

1914

Number.	Date.	From or To—	Subject.
135372	9-19	M. Is 9931	Submits estimate for developing 5 kw motor and transformer.
	To NY--10/23	To M. Is-- 10/29	To-- Approva with instructions. 10/3
	To M. Is-- 10/23		To NY-- Fwds copy above letter. 10/3
135929	10-3	M. Is corrects time required to mfg. Chapin, C.C.	1--SI reports on prelim test 10-14 To M. Is--11/28 Device for producing elec oscillations from D-C current for radio use. W. To-- Comments. 10/9
135937	10-1 10-3	GE Co. Dept	Offers high frequency motor generator for radio complete with transformer, rheostats, etc. for 320,000. Fwds print.D. To-- Comments. 10/9
137931	10-26	To NY	Test of 2-KW 500 cycle dynamotor; GE Co authorized to delivery to yard; reqt report on. W
139081	11-3	M. Is	Comparative cost for mfg of complete motor generator sets at yard with cost if commercial motors are supplied. W Fwd Dept--rec approval of estimates for mmf 11/11 To-- Approva. 11/13 M. Is reqt approval to mfg 24 5 kw motor generators 11-25 Fwd S&A--Manuf authorized. 11/27 to 12-4
140620	11-20	M. Is	Transformer; navy type; passed satis test; will ship at for further tests. W.
140800	11-30	NY	Radio motor generators for 10 and 5 kw sets; submits estimates for manufacture, including racks, transformers, switches, insulators. (Cross to Receiving and Sending Sets). To-- Instructions. 12/6

GEN SETS: MOTOR. 882-3

Number.	Date.	From or To—	Subject.
✓ 141891	12-11	M. Is T	Estimate for transformers for use with their new type alternator. W. M. Is [] corrects error in price 12-12 to-- [] asks is number is correct. 12/12 to-- [] estimates appvd. work on transformers to proceed. 12/26
✓ 142026	12-4	M. Is	Submits data on transformers designed for use inductor alternator designed at yard: reqt test at NY be expedited. W.
142577	12-12	M. Is	Special generators: reqt shipment of Bakelite insulating material from NY be expedited. W Fwd S&A-- 12/23
142930	12-23	NY	Estimate for loading coal, self starters, etc. W Fwd Dept-- Rec appvl, 1/4 RE-7 FWD To-- Appvs. 1/9
✓ 143126	12-18	M. Is 14000	Transmitting transformer; experimental: report on development, test, shipment, etc. to NY-- Fwd report of test. 1/7 to-- Auth to submit reqn for material when needed. 1/9
143255	12-28 12-29	M. Is T S&A	Reqd authority from S&A to manufacture transformers for motor generators. S&A gave auth by tel 12-30 Fwd S&A-- 12/30
144508	1-7	M. Is 220	Submits list of insulating material, fibre insulators, etc. required from NY in connection with mfg of transformers, etc. W. Retd-- States error made in specifying material. 1/15
144565	12-30 1-11	Phila Washn	Reqd shipment of 110 volt motor gen set from Washn: Washn reqd authority to retain for experimental purposes. W. Fwd Wash-- 3/11 to Phila when no longer needed. 1/14 Fwd Wash-- Auth shipment. 1/20
Phila 4-22 Washn 4226 reqt shipt: Washn objects to Fwd Wash-- Retain generator at Yd. 5/10			

GENERATING SETS, Motor

1911

10

Number.	Date.	From or To—	Subject.	
114857	1/6	NY	Reports issue of material under contract 546, covering motor generators, etc	876
✓ 116896	2/5	To Washh.	Employment of Dr. Louis Cohen in connection with the development of a high-frequency generator. Instructions. To---fwd's copy of contract. 2/25. To---reest itemized statement of costs. 7/6	
117525	2/12	To M. A. & S&A	Radio motor generator (Diehl) rec'd shipment from NY to M. A. for ANNAPOLIS. Crocker-Wheeler motor gen. should be held at M. A.	117--6
✓ 118730	2-26	Holtzer Cabot Co	Are designing inductor type 500 cycle generator and motor generator for radio use; rec'd suggestions re sizes. W. To---gives information. 3/2.	
19929	3/4	Wireless Imp. Co.	Motor generator sets: rec'd be shipped to Wireless Co. for mounting of panels before delivery to Navy Yard; agrees to test without expense to Bu.	629
20476	3/3	Holtzer Cabot Co.	Motor generator for radio work; eliminated from Wireless Imp. Co. contract; first set under test, will make immediate shipment.	629
✓ 122451	4-13	Marconi Co	Motor generators; rec'd outline of changes contemplated. D. To---gives information. 4/17	

GENERATING SETS: MOTOR. 882-3

Number.	Date.	From or To—	Subject.
/123128	4/10	C.C. Chapin	Calls attention to his new design electrical vibrator for generating high frequency and high potential. W To—advices 4/23 Chapin 5/17. regst. action. W To—comments 6/30 Chapin further data 7-20
✓123350	4/25	G.H. Clark	Forwds translation of an article by Rein on an arc generator and means for producing a musical note. W
✓125403	?	C.C. Chapin	Forwds description of his invention relating to the production of high frequency from direct current. W
✓129793	7-13	Marconi Co.	Crocker Wheeler motor generators are designing set: are in good position to make deliveries under ~~new~~ on schedule 5811 in contract time. W To—bids in hands of Dept. 7/14. To—NY makes favorable report. 7/21.
130408	7-20	NY	855-127 Crocker Wheeler motor generators for radio use; reports on design. W To—NY: in full: is specific no special approval is necessary. 7/22.
✓130508	7-14	M. Is	7430 Submits final report on test of generator (500 cycle radio inductor alternator). W To—& NY—7/29
✓133360	8-29	NY:	855-147 500 cycle radio alternator made at M. Is. comments; recommendations for development of new transformer, etc.
✓134202	9-31 9-5	Cohen, Louis Dept	High frequency generator; transfers all rights to basic theory as covered in publication Elec World Feb 15, 1908; anticipates Goldsmidts patent. W Forw Dept—Noted. 9/12

GENERATING SETS: MOTOR

1913

Number.	Date.	From or To—	Subject.	
✓ 98901	6-6	Nat. Communication Co	Relative to modified Telefunken radio motor generator; inductor type. W To---comment. 6/7. Fwd NY. 6/9. RE 7-1	
✓ 99642	6/17	To Natl El. Sig. Co. ■ T	Rotary field 500 cycles 25-kw alternator. regn. 76. Sept. 10th, 1910. Request price. W	
✓ 100641	6-30	Nat. Elec. Sig. Co.	Quotes price on 500 cycle, 25 kw alternator. W To---Ack. 7/2.	
102876	7/31	NY	UTAH: reports on, that 5 Kw Crocker-Wheeler motor generator can be used satis. with RESENDEE set by making certain adjustments. makes general recommendations for issue of Weston voltmeter for each set with which Telefunken transformer is issued.	455--6
105425	9-3	M. Ia	Reqt. authority to mfg. experimental 5 kw 500 cycle generator for radio service; reqt. allotment to cover. W To--- allotment made 9/13	
105705	9/13	NY	PROTEUS: contract with Marconi does not provide for protective appliance for motor generator, recommends purchase.	164--8
109080	10/29	C.C.	VIRGINIA: states hand generator received with portable radio set, Nat. Elec. Sup. Co. will not retain magnetism.	465--6

GENERATING SETS: MOTOR. 882-3

Number.	Date.	From or To—	Subject.	
✓ 109426	11-5	Austin, Dr. L.W.	Reports on method proposed by Dr Cohen for producing undamped high frequency oscillations from direct current for use in radio tel. To Dept. Ewd's report. Recommends enter into contract with. 11/5 Ewd Dept. invites attention to modified proposition of Dr. Cohen; comments. 12/8	
✓ 110768	11-14	Cohen, L.	High frequency generator; development of; states his understanding of employment by Bureau is calling for 2400 per month during time of employment, and \$10,000 bonus if apparatus operates, satis. W	
110986	11/8	GE Co.	KEY WEST: quotes price \$2,200 for 25 kw gen. set for, duplicates one furnished thru N.E.S. Co. 817	
110300	11/13	Nat. Elec. Sig. Co.	KEY WEST: Motor gen. and spark gap; quotes price \$5,000 \$25,000 for same apparatus for any other station. 817	
✓ 112639	12-12	Wireless I p Co	Motor generators; gives figures obtained from H-C Co. for 1/2 kw. W	
✓ 113615	12-22	Holtzer Cabot Co	Motor generators for; to apply to sets being supplied on Wireless I p Co. orders; submit print and gives list of spare parts with prices. W	
19921	12/27	Holtzer Cabot Co.	Prices for furnishing motor generators to apply on	629
1914				

GENERATING SETS: MOTOR & GEN.

1013

Number.	Date.	From or To—	Subject.	
✓ 89023	1/20	Natl Elec. Sig. Co.	Offers for sail a 35-kw, 50,000 cycle alternator and generator. Y Co. Not accepted. 2/5.	
90147	2/12	At. Flt.	UTAH: motor generator, radio, no spare, only one spare transformer in FLEET.	455-6
13318	3/3	NY	Asks if radio motor generator delivered on shall be shipped to H. Is.	629
14418	3/13	To NY As&A	Radio material, requests 2-Kw motor gne. starting panel and field regulator, and transformers be turned into stock.	629
✓ 92779	3-17	Genl Elec.	Requirements of specns. regarding spare parts: not clear. W To---Gives list; fwds specfns 16-R-13/19	
93239	3/222	NY	Fwds corres. with Wireless Imp. Co. re loan of 5 Kw Crocker Wheeler motor generator for test in connection with their apparatus.	876
95380	4/19	NY	JUPITER: motor generator and transformer Nat'l Elec. Co's bid excessive, have requested quotations from GE	251-6

GENERATING SETS: MOTOR & GEN 882-3

Number.	Date.	From or To—	Subject.	
✓ 95979	4-28	Dtehl Mfg. Co. Fwd Dept. 6/16. BB 6-19	Submit prices for 12 motor generating sets for radio. W Fwd NY— for comment & recom. 4/30 To— Referred to NY for comment 4/30 To — comments 5/10 To Dept. Regt. Authority to purchase. 5/10. BB 6-12	875
95934	4/28	To NY	Radio sets, cont. 14746 and 121. F. Lowenstein requisition submitted for purchase of motor generators and transformers.	876
✓ 95969	4-28	TO Crocker Wheeler Co.	Reqt. price on 5 and 2 kw motor generators inductor type. W Reply 5/3. Will quote thru Atlantic Communication Co. W Company reqt. action. 7-28 To At. Comm. Co. 5/6	
✓ 96484	5/3	NY 630-13	Fwds quotation received on motor generators from Marconi, Atlantic Communication Co., and G.E. W To—Atlantic Com Co. Asks if price includes spares 5/6	
✓ 96745	5/7	At. Communication Co.	Quotes prices for 5-kw motor generators for radio. W To—recom prepared for 10 5-kw and 10 2-kw. 5/12. Company gives times del. 5-14	
✓ 97191	5-8	Atlantic Communication Co	Motor generator sets; explains reasons for apparent high prices quoted. W.	
✓ 97563	5-17	Atlantic Com. Co.	Reqt. Bu inspect high frequency generator recently installed at Sayville Sta. W To—Will arrange to witness. 5/20.	
98073	5/22	At. Flt.	Comments on Fessenden motor generators, etc	876

GENERATING SETS MOTOR & GEN.

1912

Number.	Date.	From or To—	Subject.	
✓ 73715	7-18	TO NY Yd	Re disposition of certain motor generators bought for Lightships, also generator. W NY 7/25. Gives assignment of To— take if transmitters, cont. 13525, assigned to Lts 66 and 82, are now in store. 8/13.	
76913	8/27	FR	ARGENTINE battleships, contrs reqts information re the wireless motor generators on the ARKANSAS.	652
77681	9/2	G.O.	UTAH: states defective motor generator for radio set was received from Norf	455--6
✓ 79651	10-7	Telefunken Co	Reqt. authority to have engineer examine motor generator supplied with sets installed on BS. prefer NORTH DAKOTA, W. To— C-in-C. Reqt. permission be granted to inspect NORTH DAKOTA, DELAWARE, MICHIGAN & SOUTH DAKOTA. 10/8	
✓ 79700	10-7	Nat. Elec. Sig. Co	To-Fleet- letter of 10/8 should be N. Dakota. 10/14 Motor generator for: suggestions for speed, etc. to be called for in specs. W. To - gives information 10/9.	
79890	9/30	Guantanamo	EXCITER ARMATURE, not required, reqt shipping instructions	814
✓ 80674	10-18	Cutler Hammer Co	Motor generators; prints and description of proposed starting panel for. W	

GENERATOR SET: MOTORS & GEN. 882-3

Number.	Date.	From or To	Subject.	
✓ 81906	11-4	At. Flt 1813	Recommends additional motor generator on every battle ship as part of radio equipment. W To---comments 11/8.	
✓ 82006	11-7	Telefunken Co	Quotes price for motor generators with spares. W.	
✓ 84568	12-5	Coleman, A.R.	Invites attention to new compound wound on field of motor to automatically adjust variations in load. W. To---comment. 12/16.	
85054	12/12	Chas	PRAIRIE: asks if Bu. will approve of installation of 500 cycle, AC gen. for radio	360--5
✓ 86016	12-23	H-C Co.	Motor generator for radio: quotes price. W	
86047	12/27	NY	EAGLE: gives time required for delivery of spare armature for motor generator, Telefunken Co. offer to loan one.	195--6
86146	12/26	Boat	RANGER, reports test motor generator Ex-Tacoma for use radio	369-6
88793	1/27	NY	1913 Blanks for reporting on tests of motor gen. reqt alterations.	610

1912

GENERATING SET: MOTORS & GEN.

Number.	Date.	From or To—	Subject.	
61985	2-21	Nat.Elec.Sig.	Fwds invoice for motor delivered to Mr.Clark.W (To Colon. Requests Clark report whereabouts of motor.3/28.	
622176	2/27	NY	APARATUS: reports distribution of 2-kw motor generators & transformers furnished under reqn 260. 2 outfits remain in store	376
62241	2/26	Nav	CALIFORNIA: fws report of board on condition, as to if any person can be held responsible for same	147--6
62636	2/4	Dept	CALIFORNIA: fws report of Board on in- vestigation	147--6
64302	3-23	Colon W	Clark states N.E.S. Co. motor at wireless sta. is awaiting further use driving gap. W To Nat Elec. Supply Co. Bu.reqn.#292 made for 1/4 HP motor.3/26.	
66809	4-19	NY 2758-855-44	Excite r motor, auto starter for; submits estimate for rewinding; intended for Colon. W To -- NY Appd. 4/23	
68247	5-8	TO Telefunken W.T.Co	Rect. price for 2.5kw generators similar to those furnished on Bu.Reqn. 260. W \$26	
68740	5/8	Cavite	Wireless motor gen. shipped for, without price invoice, rect auth. to issue on stub reqn without charge to appr.	806

GENERATING SET; MOTORS & GEN. 882---3

Number.	Date.	From or To--	Subject.	
✓ 68746	5/14	To Eng. Sd. T	Asks if there is available 60 or 120 cycle 2-kw motor generator and transformer. W	
68758	5/15	To Eng. Sd. T	Motor generator and induction coil; directs deliver to Capt. Dunwood, A.C.S., Fort Townsend. W	876
✓ 69453	5-22	Telefunken Co	Quotes price on 5 kw, 500 cycle radio generator, with switchboard. W	
70134	5/23	C.O.	SAITAMA, reports delay in securing new armature for wireless motor generator; recommends entirely new motor generator be supplied; present Northern Elec. Co. has never given satisfaction.	316--6
70845	6/10	Brook	CONT. 240, ARLINGTON, Dishl gen. sets, fwds test reports.	841
71312	6/15	CO	UTAH: Motor generator; installation derace live.	455-6
✓ 71825	5-18	Asiatic Fleet 118	Reqt. spare motor generator for radio set be shipped to Cavite for stock. W To NY, SEA. Reqt shipment, NY to FLE. 7/3.	
✓ 71739	6/21	To Dishl Mfg. Co.	Motor gens. supplied under USA r on 71; request for name plate data of; cont. 89 .W Gives description of. 6-24	
72547	7/2	To NY	ARKANSAS: 5-kw gen. cont. 121, asks when delivery may be expedited.	121--6

GENERATING SETS: Motors and Generators.

Number.	Date.	From or To—	Subject.	
55783	12/9	NY	Appar. rel outfit under cont 12874. turbo generators for, etc. best results can not be obtained with: and other parts delivered under.	876
✓ 56155	12/ ?	Colon	Exciter motor burnt out badly; shipped to New York for shipment of C.E. Co. for repairs. States was installed without starting device; requests new automatic starter. W To NY--For recommendation on 12/27. 1-8 To NY. appd. 1/8.	
✓ 56285	12/9	August Mietz	Sched. 4149: Asks whether self-starting engine of regular standard type engine is to be furnished. W 12/14 reqat reply. W To--Covers wireless set only. 12/21.	
56383	12/12	C.O.	FLORIDA: reports n investigation and breaking of motor generator for wireless set	205--6
✓ 57196	12/27	Holtzer Cabot Co	Quotes on generators for wireless for use on aeroplanes. L To--Acknowledgment. 1/6.	
57186	12/27	To M.Is.	NERO: states has made reqn for spare armature, and directs generator be examined, if spare armatures cannot be furnished, report to Bu. with recommendations	310-6
1912				
57809	12/20	Telefunken	BERLIN: relative to rejection of motor gen. under cont. 144, reqn 82	348--6

Gen. sets 882-3

Number.	Date.	From or To—	Subject.	
58978	1/17	GE	ARLINGTON: states are building 50000 cycle. 31 to 35 kw generator for National Elec. Sig. Co. Co. may be willing to sell machine if not will build experimental one.	841
59555	1/25	To NY	LIGHT SHIPS 66-85, reqt status of deliveries by Diehl Mfg Co. of motor generators for W.T. Stations, NSA reqn 71	678
59961	1/29	NY 275-855-42	Reports on examination of 7-1/2HP induction motor returned by Colon wireless for repairs.W To---Directs rewind motor.2/2.	
59967	1/26	NY 855-56	Reports measurements of motor generator shaft supplied by Telefunken Co.W	
60662	2/6	NY	LIGHT SHIP 66-85, have been completed.	678
60874	2/5	Pug. Sd	PENNA: reports exchanging 2-1/2 kw motor generator for dis-used 4 kw one in store.	342-26
61331	2/5	Diehl Mfg Co	Cont 89: appeals against rejection wireless motor generator: states rheostats were not required by contract	629
61673	2/20	TO NY	APPARATUS: motor generators & transformers NSA reqn 260. Bu. requests information concerning disposition	876

Number.	Date.	From or To	Subject.	
43968	7/19	To NY	Cont. 15294: motor gen. for TDS, fws copy of cont. & directs insp	529
45010	7/31	Dickl Mfg Co	LIGHTVESSEL: quotes price for motor gen.	578
45326	8/2	NY 886-855-71	Motor generators for wireless on regn. 71; recommends be designed for normal voltage of 160.W to---will comply. 8/5.	
✓ No #	8/23	To Portsmouth.	Survey II: Automatic starter should be issued to WHEELING after repairs. W	no #
47253	8/26	Ports	WHEELING: re delay in getting motor gen.	478--6
50016	9/29	NY	TERRY: states original generator supplied by Marconi proved satisfactory and set replacing same was turned in.	432--6
50480	10/7	Pug.Sd. T	PENNA: recd early delivery of motor gen- erators for wireless.	342--6
51416	10/14	TO Washn	Fws copy of regn. 148 for motor to be used in Laboratory. W	
✓ 52745	11/3	Clark, GH	Suggested specs for, for wireless sets on aeroplanes. W Fwd May. Will purchase generator and have wireless set made up, if recommended. 11/7. RB 12-12	

GEN. RATINGS SETS: Motors and Generators. 882--3

Number.	Date.	From or To—	Subject.	
52552	11/2	Diehl Mfg. Co.	Washington W. T. Station: fwds proposed list of spare parts for 15 kw gen. set.	841
52746	11/4	Wireless Spec. Co.	Portable sets: reqst. prints: states have developed special motor generator for.	897
✓ 54260	11/22	De Laval Steam Trgm Co.	Requests specifications in connection with manufacture of a new design. To--fwds. with comments. 12/2.	
54218	11/22	Colon	Reqst. permission to ship one motor to Gen. Elec. to be re-wound	808
✓ 54924	12/1	To Holtzer-Cabot Co.	D.C. generator, 1/4 k.w. for use with wireless set, designed for aeroplanes; understands have on hand, and if for sale, quote price. W	
✓ 55202	12/4	Robbins & Meyers Co.	Requests be considered for supply of wireless generators and generating sets. W To--Ack. with comments. 12/11.	
✓ 55119	12/4	To NY	Reqst. measurements be taken of Telefunken outfits and forwarded to Bu; to include 1, 2 and 5-k.w. W	
✓ 55544	12/7	NY 865-53	Measurements of motor generator outfits furnished by Telefunken; reports one outfit shipped to Washington prior to securing data. W	
✓ 55650	12/8	Holtzer-Cabot El. Co.	D.C. generator for use of wireless in aeroplanes. Have nothing suitable on hand; require special estimate. W	

Number.	Date.	From or To—	Subject.	
37961	5/4	Nat. Elec. Sig. Co.	WASH: L.D. 200 HP motor drive for 100 kw Gen. Set. impossible to obtain standard chain drive.	841
38189	5/6	C.O.	PAULDING: reports armature rewound by Diehl Co. burnt out first time used.	337-6
38145	4/28	M.Is.	STEWART: states will install new	413--6
38149	5/8	To NY	VULCAN: can turbo generator: W.T. set be shipped	467--6
38222	5/9	NY	VULCAN: can ship turbo: to Boston 13th. no sets have been shipped: transmitter of one set available	467--6
38365	5/9	NY	cont. 13422: reports on efficiency of 2-Kw motor gen. sets for wireless	629
38412	5/5	Pensacola	APPARATUS: states motors for driving Tel- efunken generators on reqn 115 have not been rec'd.	876
38615	5/13	To NY	KENTUCKY & MISSOURI: 2 kw motor generators asks if those on reqn 159 can be substituted for those on reqn 1516.	258-6
38784	5/12	Phila	APPARATUS: on reqn 260: Crocker Wheeler, reqt copy of contract.	876

GENERATING SETS: M&G 882--3

Number.	Date.	From or To--	Subject.	
39058	5/17	NY	KENTUCKY & MISSOURI: can substitute those on contract 14462 for those on regn 1516	258--6
39737	5/24	Boston	MIS30.RI: states motor generator available receiving set entirely unsatisfactory. new aerial needed.	292--6
40084	5/29	NY	Cont.12899: Adds corrected tracings	629
40103	5/31	To S&A	Cont.14747: Telefunken, factory insp waived	629
40105	5/31	To S&A	ARKANSAS & WYOMING: cont.14746: factory inspection waived.	121--6
✓40915	6/6	Kilburn & Clark Mfg. Co	Invites attention to new 3 kw. 110 volt. 500 cycle gen. for use with wireless. W. To --Comments. 6/13. Ed Puget. Directs te t of rotary converter if practicable. 6/20. RB 7-1	
41406	6/15	Dept	MAINE: reports non delivery of motor gen. for fire control telephones and wireless. etc	274--8
27353 Old #	6/27	To NY	Test of 2-H.A. Robbins & Moter motor generator and transformer. Next report.	
	6/30	NY	Will be tested and report submitted within two weeks.	
43717	6/27	Pac.Tor.Flt	WHITFIELD: recommends installation of motor generator for: originally intended for	479--6

FILE No.	From or To— (Dated)	Subject	
35200 3/28	C.O.	PRESTON: rect repairs to armature for Marconi disc discharge.	362--6
35245 3/25	M.Is.	WHITILE: dynamotor for wireless telephone sys. rect. auth. to convert so it can be used for wireless telegraph.	479--6
36049 4/11	Nat.Elec.Sig.Co.	WASH.L.D. 100 kw set; do not believe 25 cycle induction motor would operate at proper speed for direct connected gen. set at 1250 RPM.	841
36479 4/18	To M.Is.	UNAKASKA. states if generator is not rec'd before Buffalo sails, hold for spare transformers and ship by rails, and ship all by freight.	845
36504 4/18	NY	UNALASKA: states have already shipped receiver with detector to M.Is. and asks if additional of latest type, shall be shipped.	845
36420 4/17	NY	COLON: relative to armature for:	808
37074 4/20	NY	KENT CKY:& MISSOURI: reports no motor generator set available for wireless	258--6
37410 4/29	To Brook	Cont.210: will be inspected at NY	629
37574 4/7	Beaufort	Reports breaking down main generator motor armature.	800
37641 4/29	Nat.Elec.Sig.Co.	WASH:L.D. suggestions for motor for driving 100 kw generator.	841
37852 5/4	To S&A	Cont.14811: covering motor generators: for TEDS & Colliers, waives factory insp'n at Garwood Elec. Co.	620
37966 5/4	C.O.	DRAYTON: reqt grounds in motor: be repaired.	192--6



GENERAT NG SET: MOTORS & GENERATORS:

FILE No.	From or To— (Dated)	Subject	
29010 1/12	Ft. Wayne Elec. Wks	For wireless; contract 180; states \$320 still due Fwd S&A 1/16.	
29333 1/11	C.O.	PAULDING: reqt armature set be rewound	337--6
29927 1/23	Newport	reports receipt of IC HP motor under cont. 104	822
30089 1/25	icensa	reports receipt of motor generators for	827
30372 1/26	Newport	Reports receipt of induction motors	822
30673 2/2	TO NY Ya.	& transformers; reqt self induction of armatures be measured. W	
30912 2/2	Norfolk	TALLAHASSEE: reports making reqn for missing parts and non-receipt of motor generator.	426--6
31141 2/8	To S&A	Cont. 14418: Motor generators & transformers; E. is. reqt point of Delivert be changed to NY	629
31669 2/10	C.O.	PAULDING: reports armature, Marconi set burned out and useless	337--6
32776 2/27	C.O.	INDIANA: field rheostats: asks for action on survey of Oct. 27	240--6
33169 3/1	NYS	ALABAMA: estimate for rewinding spare armature	107--6
33328 3/7	C.O.	TALLAHASSEE: reqt iron shaft for motor-gen.	426--6
33711 3/13	Diehl Mfg Co.	PAULDING: armature: asks if Bu. will deliver to factory	337--6
34633 3/23	Norfolk	CASTING: states motor generator furnished has no invoice price (value) asks if shall be sur- veyed in order to fix price.	150--6



INSULATORS

1922

[illegible]

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Number.	Date.	From or To--	Subject.
✓ 654468	12/20	Ports	Reqs data regarding accepting insulator material advance sheets No. 80 W To Ports- Fwas print 1/8/23
654250	12/22	Scouting Fleet - T	ARKANSAS directed to transfer insulators to UTAH W To Scouting Fleet- NY (T) - shipment of insulators- 12/20
654244	12/22	To Ins pr machy FR	Material desired by Bath Corp- reqsta prints W
654679	12/26	To Ports (T)	Porcelain part- insulator- W

INSULATORS

1922

Number.	Date.	From or To—	Subject.
654681	12/28	To MI	MI monthly radio report- Fwds specens W
654925	12/29	To Ohio Brass Co	Reqs drawings covering various insulators- cc Washn W
654926	12/29	To Western Elec. Co	Reqs inform rel supply of insulators cc Washn W

INSULATORS

Number.	Date.	From or To—	Subject.
644054	11/	from card 62	To S&A Reqst shipment of Insulators from Washn to CO 1593 11/27 Fwds ports 11/29 acts 11/9 Rsta action W
552010	12/1	E.L.Fleron and Son.	Repts inform as to post satis. type for design of insulator W To E L Fleron if insulators are light weighted repts to they to sent direct to bureau 12/9
552266	12/2	Diolite Insulator Corp	This sample of Radio Panel Board Co. W To Diolite Insulator Corp- gives info re test not authd 12/9

INSULATORS

1922

Number.	Date.	From or To—	Subject.
652976	12/9	Ports	Hosts insorm rel to satis material for Aircraft wing insulators W
653169	12/13	JM Co	Hosts booklet on outline of test on electrical insulations. Material for use in radio apparatus W To J M Co- Fwds print 12/16
653553	12/12	Wash	Fwls report on test of Goodrich Special radio sheet W
654345	12/18	Ports	Hosts ship porcelain deck insulator be delivered W

INSULATORS

1922

Number.	Date.	From or To—	Subject.
✓ 647988	11/1	N. C.	Port-au-prince asks if spare insulators are to be provided to replace defective ones. W
648142	11/2	Electrode Mfg. Co.	Re. post fwd. tests, listed 11/8 To Electrode Mfg Co. 11/10 W
648236	11/2	Ohio Brass Co.	Re. post insulator drawings be furn. W. To Ohio Brass Co. plans are not being forwarded 11/7
649214	11/9	Acme Apparatus Co	Re. post outline of test on insulation material W To Acme Appr. Co. Fwd. outline of tests 11/15

INSULATORS

1922

Number.	Date.	From or To-	Subject.
650085	11/18	Ohio ^{Brass} Co.	Requests insulation drawings be fwd. W Ohio Brass Co- 11/5 Requests prints listed be forwarded W. To Ohio Brass Co- will not forward prints at this time 12/22
650140	11/18	Western Electric Co	Requests insulation drawings listed be forwarded W. To Western Elec. Co- Gives action taken W 11/23
650554	11/22	New York T	Asks a proximate date of delivery of insulators W To NY-- gives status of shipment of insula- tors cc C-1-C Atl. Fleet CO's MARYLAND) ARKANSAS WYOMING 12/9

Number.	Date.	From or To—	Subject.	
645747	10/10	War Dept	Order 131610 Request furnish Signal Corps with Electroose Insulators. W	727-1
900-6678	10/16	S&A	Copy of letter to Ports authorizing manfg metal parts for insulators WR	706
645464	10/18	To Redmanol Chemical ducts Co see card 62	Pro- void	
646117	10/19	Comsite Co. of America	Ask if possible to submit specimens made in moulds owned by a other Co. to Comsite Co- impossible for Bu to auth test 10/25	
55240	10/20	C&R	Fwds prints of rigging insulating wire rope W	629

INSULATIONS

1922

Number.	Date.	From or To—	Subject.
646278	10/21	To Republic Rubber Co	rwds print- Gen specen cov. porcelain insulating material and insulators W
646729	10/23	Westinghouse Electric Co	Requests insulator drawings. W To Western Elec. Co- Fwds prints 10/28
647159	10/26	New York	Report on test of type 1783 insulators W to NY- rel characteristics of types of porcelain strain insulators listed w 11/31
647137	10/25	Inopr Cincinnati	Sub its list of firms who have furnished insulation material for test. Request outline test be furnished W To Inopr Machy Cincinnati- Fwds copies outline of tests on insulation mat. W 11/1

Number.	Date.	From or To—	Subject.
62-1980	Jan 52		Miller Rubber Co. - Gives information on their insulating material. W. 10/17 inspr Vestinghouse E/M Co - Fwds letter from Hewitt Rubber Co. 10/19 W. Formica Co 10/20 Calls attention to incorrect address on Bureau's letter W To Formica Insulation Co (T) Samples mat test must be as specified cc W C Hill Baltimore W 10/21 inspr Union 10/19 Copy action to K B Co. W To Formica Insulation Co (T) Sample shld be as listed cc Washn- W C Hill W 10/25 inspr Pitts- 10/31 W inspr Pitts- Fwds comments to fims. 11/1 W inspr Pitts- 11/2 W Formica Insulation Co. Samples fwded 10/27 W To B. F. Goodrich Co- 11/3 copy act. on inspr Pitts W BE Co. drich Co 10/28 Copy action to inspr Pitts. inspr Union 11/11 W B. F. Goodrich Co 11/15 Rys's report of test W inspr Pitts 11/16 Fwds letter from Goodrich Co advising shipment of insulating material to be tested W To inspr mat Union- reqsts inform rel specn 11/21 Diamond State Fibre Co 11/20 W inspr Union 11/27 W inspr Union 11/27 W To inspr mat Union- Gives action 12/9 To Formica Insulation Co. W To Formica Insulation Co. Gives summary of complete tests cc S&A W 12/13 Wash 11/12 Fwds report on test of Formica insulation mat W To GE Co- Gives action taken cc Inspr mat GE- Comdt Washn 12/16

[illegible]

1922

62

Number.	Date.	From or To—	Subject.
641980	FROM CARD 61		Insr GE- GE Co. can furnish material in any color. 9/27 W Condonsite Co of America 9/29 Request specifications W B.F. Goodrich Co 9/29 Request outline of test of insulating materials. W To Insr mat Phila- listed appvd 9/30 Insr Beth 9/29 W Insr Tacoma- 9/28 W To Insr mat GE- gives action cc Washn 10/4 Insr Hart- 10/4/22. W Insr Chic. 10/1 W To H F Goodrich Rubber Co- Fwds outline of test 10/5 To Condensite Co- Fwds outline of test 10/5 Insr Busch Sulz- 10/5 W.
643792	10/2	<u>Radio Frequency Labrs</u>	Request copies of prints covering outline of test on insulating mat. W To Radio Frequency Lab Inc- Fwds outline of test 1/5
644054	10/3	Ports #1273	Request 10 Insulators be furn. W To S&A Rqsts shipment of insulators from Washng to Ports. 10/11 W To Comdt Ports-mRst for insulators 10/14 W To Ports- Rqsts similar type electr se insulators be installed 11/4 Ports Asks when shipmt will be made W 11/21.
644301	10/3	card 65 <u>Dielectric Mfg.Co.</u>	Request copy of pen-hiet outline of test in insulating materials. W To Dielectric Mfg Co- Fwds outline of tests 1/10
644224	10/5	S&A	Copy of letter to Chasn. rel to shipmt of insulators to Chasn. W.

INSULATORS

1922

Number.	Date.	From or To—	Subject.
641980	FROM OVER		Miller Rubber Co.- 10/7- rel to test of Miller battery container- fnds sample of material. 10/7
			Waterbury Button Co.- Inform gov insulating material with sample 10/8
			To Miller Rubber Co.- sends outline test 10/10
TO CARO	62- A		Insr Union- 10/8- copy action to Gray and Danielson 10/8
			Insr Pitts- Copy of letter to various firms requesting action. 10/10 W. (5 letters)
			Insr Rock- sends letter from Formica insula- tion Co. 10/11 W
			Insr Westinghouse- Submits assembly of insula- ting material. 10/11 W
			K-B Mfg. Co.- Calls attn to Co's moulded bakelite. 10/7 W.
			Insr Pitts- Copy action to B. E. Goodrich 10/13 W
			To K-B Mfg Co- Specs not complied with. 10/14 W
			Insr Union- Request outline of test on insulating materials be furn. 10/9 W.
			B. E. Goodrich Co.- Copy action to Insr Pitts. 10/13 W
			To Formica Insulation Co.- Samples shld be forwarded to C-I-C Radio test shop cc Washn 10/17
			Goodrich Co.- 10/13- Insr Pitts- 10/17- W
645152	10/11	Insr Hart	Request copies of test RE 9-A-1020 on insulating materials. To Insr Mat Hartford- fnds copies outline of tests 10/20
645564	10/10	Redmanol Chemical Prod. Co.	fnds pamphlet describing Co's insulating material. W. To Redmanol Chemical Prod Co- gives inform 10/18

INSULATORS

1922

Number.	Date.	From or To—	Subject.
632131	7/13	To Washn- Bu Standards	Design Problem No 203-A Porcelain Insulators- failure of in service W Washn- fws re.ort. 10/13 W
642308	7/20	To F. L. Johns-Manville Co.	Request of Elec. Equip. Mfg. Co. for use F. L. Co.- Outline of test on electrical in- sulation materials - fws re.orts. 7/21 W
637786	8/14	Ports	Request vandykes showing type SE 1329 insulator W To Ports- fws Vandyke 8/22
640895	9/8	Ports	Request 4 insulators be turn W to Ports- rel instn of insulators 9/16 to S&A Reqt shipment of insulators from Washn to SO Ports W 1232 10/7 To S&A Re. st shipment of insulators from Washn to 1st Dist Boston 1620 12/1

INSULATORS

1922

Number.	Date.	From or To—	Subject.	
640227 8	9/16	To Companies listed	rwds plan which covers a contemplated size of entering insulator W Corning Glass Wks. 9/20 W. Lapp Insulator Co.- 9/27 W. Locke Insulator Corpn- Will submit proposition within 10 days. 9/21 W. Westinghouse E/M Co. 9/26 W. Corning Glass Works- Subm quotation with print. 9/26 W. Westinghouse EM Co 11/11 submits quotation W To Locke Ins. Co- Gives action taken 5/15/23	
641980 TO CARD	9/21 62	To Inspr mat- Inspr machy yards listed	Insulating material for radio purposes rest of for appd bidding for annual contracts- gives inform Insp'r Phila- 9/22. W. Insp'r Phila- 9/22. W. Insp'r Brook- Subm list of manufacturers written. 9/22 W. Diamond State Fibre Co. 9/26 W Insp'r Phila- Copy action to various insulator manufs. (8 letters) 9/27 W Insp'r Mass 9/27 W Request decision on vg tolerances in per- 629 obtain insulators SW	
64069	9/26	Insp'r GE		
642710	9/23 9/25	Natl. Fibre Insulating Co. In pr Phila.	request prints of insulating material W To National Fibre and Insulation Co- rwds prints cc Insp'r mat Phila 9/28 National Fibre & Insulation Co 9/29 W	

INSULATORS

1922

Number.	Date.	From or To	Subject.
✓ 626257	6/1	<u>J.M. Co.</u>	Request specifications cov insulating materials- will ~~manufacture~~ a new grate. W. To JM Co- F ds outline of tests 6/26 W
✓ 626207	6/3	To GE Co	F ds specns on Porcelain Insulating Material and Porcelain Insulators. W To Insp'r Schenectady- F ds specns 6/3 W Insp'r G.E. 6/8 Request instructions rel to drawings W To Insp'r Mat GE) rel plans 6/17
✓ 627227	6/8	Washington	Report on examination and test of jux insulators and rods. J.
504787	FROM CARD 47		15th Dist 6/12 T. Ask if insulators should be charged to Engineering 1921 or 1922 W To 15 Dist (1) delivery of insulators 6/14

911

Number.	Date.	From or To	Subject.
✓ 627914	6/13	Inspr Phila	Request specifications covg insulating matl W To Insp'r Phila- Pwds print 8/21
✓ 628490	6/9	Nav Sup Depot	Insulator: request prints W
✓ 631266	7/5	N.Y.	Request vandyke print of insulator be fwded. W To NY- Pwds Vandykes 7/14
✓ 631858	7/7	Ports #713	Request shipt instrns be furn cov insulators. W To E.A. Davis sh. int of insulators from 3 brook to ports 7/13 W 8/1 W

INSULATORS

Number.	Date.	From or To--	Subject.
619360	4/20	To S&A 109	Reest shipment of mat from SO NY to MI W
619525	4/20	To S&A 111	Reest shipment of Insulators from SO NY to SO Pug Snd W
620765	1/26	Aircraft - acty	Re est approved list of radio and electrical To ~~gr Aircraft Fac~~ via Comdt. <u>FWdsprints</u> 5/4
619052	FROM CARD 58		Navy Sup Depot- (T) Insulators mailed. 5/4 W To Supply Depot Brook (T) Ask when shipment Insulators reg Snd be made 5/1 S&A- Copy action to Navy Sup Depot. 5/4 W. To Brook (T) Reest reply to tel 5/3

INSULATORS

1922

Number.	Date.	From or To-	Subject.	
9592	5/12	To S&A	Porcelain parts for insulators- Destroyers 706 and submarines Fwda co of GE Co let 5/3 WR	
623231	5/19	Aircraft Factory	Request wind tunnel test be run on insulators for antenna for aircraft. W.	375
623830	5/10 5/11	Hon. M. C. Kelly Navigation	Request copy of test on bakelite material turn by various firms. K. To-- Gives results of test 5/22	
623466	5/9	Corning Glass Works	Requests report of tests made on Pyrex insu- lators To Corning Glass Works Gives inform rel dunnell 5/17 Corning Glass Wks- returns drawings. 7/15 W	
625990	5/31	Formica Insulation Co.	Calls attn to improvements made in formica request auth to submit samples. W. To The Formica Insulation Co- Will auth test of matl 6/3 W	

Number.	Date.	From or To	Subject.
613157	3/10	N.Y.	Ask if will authorize furnishing drawings to Porcelain Insulator Corpn W.
9992	3/18	To S.A.	Porcelain insulators for supporting antennas on various battleships, Destroyers and submarines WR
614269	2/17	Insp. GE	GE- 114 compound for use in radio apparatus To Insp. mat GE- was copies of spec 4/5 To Washington- Gives Action taken 4/5 Insp. GE- 7/25 W To Insp. mat GE Test has not been completed 8/2 Insp. GE- Ask if satisf for GE Co. to use their GE 114 compound. 9/12 W Wash 12/15 Fwds report test of GE Co compound W Fwds reports of battleship sqd. 4 on instln of porcelain insulators in antenna trunks. W.
615693	3/24	Pacif. Fleet	
616876	4/3	American Insulator Corpn	request inform on stren. tests of American Insulator Corpn. Quotes letter of 4/3- request reply. 5/1 W To American Insulator Corpn Fwds cc of tests 5/5

INSULATORS

Number.	Date.	From or To—	Subject.
✓ 617583	4/12	To NY	Report on Insulators in stock Gives instrns W
618052 TO CARD 59	4/17	Pug-Sd. (T)	Request express ship of 30 wave changer insulators for repairs to destroy. 7. 4/18 To S&A Request shipment of insulators from Brock to 30 Pug Snd 83 4/18 RB 5/17/22/W Pug-Sd. (T) - request instrns rel to ship of wave chng. or insulators 4/21 To Pug Snd (T) gives status of shipment 4/24 Fibre Co. - (T) Co. sells condensate celluron 4/18 Fwd Dept (Sec Sig) 4/19 Diamond State Fibre Co. Fwd copy of letter 4/19 To S&A - Gives instrns cc Washn 5/12 To Sec of War (Asst Sec Sig) Gives Inform rel insulating material 5/18 To B F Goodrich rubber Co. Gives action-taken rel test 12/13cc Washn 12/23
612385 FROM CARD 57			

1922

Number.	Date.	From or To--	Subject.
589095		FROM CARD 54	Washn- Fids report on test of formica material. 2/2 W To Electric Insulator Co- materials dis- cussed 2/9 Formica Insulation Co. 2/14 W Washn- Subm estimates. 2/20 W.
609557	2/8 2/13	Naval Academy Washington	Request regular ship order be issued gov porcelain insulator ship from New Brunswick during 1918. Washn- 2/17
609498	2/15	To Washington	porcelain insulators for ships. Fives discussed from Electric Insulators W Washn- report on test of Ohio Brass insulators 3/7 W.
610895	2:24	To Ohio Brass Co T	Ask if interested in furnishing porcelain. W To Ohio Brass Co- T-ask estimated cost- 2:23- W. Ohio Brass Co - (P) Can furn 300 insulators 2/27 W Ohio Brass Co.- Subm quotation on insulators- 2/27 W To Washn- work appvd. 4/25 Washn 5/9 W

911-INSULATORS:

1922

Number.	Date.	From or To	Subject.
610987	2:25	To NY ✓ #9784	Shipment of insulators from NY to Pearl Harbor. W RB 1/31 W To S&A G ves instrns cc MI- PH 5/11
610986	2:27	To Washn	Design problem 119-porcelain insulators for ships--reqt est for mfg of shields for. W
611746	4	To National Elec Sup	To. Fwd print- outline of tests on elec insulation materials W
612305	3/4	War Dept	Ask if Diamond State Fibre Co. have submitted any types of condensate separator which have been approved. To War Dept- Dept has tested and disapproved 3/10 To War Dept- Ask what grades have been approved. 3/23 W To Washington Fyde letter from Chief Signal Officer Army- 4/6 SA 4/12 W To Diamond State Fibre Co- Comments- 4/17
613430	3/3	9th Dist.	Ask value of 8 insulators broken from ladders for racks in script. W Fwd S&A 3/11

Number.	Date.	From or To—	Subject.
60411 1	1/11	<u>Jernica Insulation Co.</u>	Ask the Bureau will get out schedule for Phenol fibre.
603310	1/11	To C-I-C Pacific Fleet	Installation of porcelain insulators in antenna trunks. Regt report be submitted. W To Pacific Fleet- regt reply to correspondence- 3/21 to 4/3
604313	1/22	<u>Electrose Mfg. Co.</u>	Request Co. be enlightened re: to metal parts in Navy insulator- fws sketches. To -- Will advise re: insulators acceptance of cc. Brock in. R. 1/25 & 1/30 Electrose Mfg. Co. 1/25 W fws Insp NY 1/27 W RB 2/4
604936	1/16	Washn	Design of special condenser for test of porcelain deck insulators- fws prints with estimates. To Washn Manufacture and instn apprd 1/30
54033	1/14	S&A	Ask if yards are over stocked with ratio 625 insulators SW

INSULATORS

1922

Number.	Date.	From or To—	Subject.
600300	FROM CARD 55		Delta Star Elec. Co. rqt reports. 1/19 W Delta Star Elec. Co. 2/20 W To Delta Star Co-rel to test-2;25-W Yashn- Report on test of Delta Starr Insula- tor. 3/8 W To-- comments 3/16 W Delta Star Elec. Co. 3/31 W.
54067	1/20	NY	Samples of insulating matl turned over to radio test shop for test. W 629
608334	2/8	To Ohio Insula Co (T)	Ask to ship additional samples to Bureau W Ohio Press Co.-() Addtl sample available in few days. 2/8 W.

INSULATORS

Number.	Date.	From or To—	Subject.	
598388	12/1	H. C. Fry Glass Co.	4 glass deck insulators shipt to radio test shop for test. 7. To Wash. report of test of insulators 12/10 To Wash. report of test of insulators 12/10 H. C. Fry Glass Co. - Memo invoice. 12/1 K Wash. - Fwds report of test of insulators by various manufacturers. 6/1 W	test manfa
600748	12/15	Westinghouse Mfg Co.	Antenna strain insulators - asks if interested - Fwds sample. W. To Westinghouse L&M Co. - rel samples of glass 12/22 To Wash. report on preliminary test. 1/2 W. To Wash. report on preliminary test. 1/2 W.	
8992	12/15	GE Co	Subm inform rel tensile strength test of porcelain insulators - give approximate price. R	706
600300	12/17	To Delta-Starr Elec Co	ack receipt of catalogue of porcelain insulators. W. Delta Starr Elec Co. - Subm quotation. 12/16 W To -- Will be pleased to consider insulators if submitted 1/7/22 Delta Starr Elec Co. - Subm sample insulators. 1/9 W To Wash. report on preliminary test. 1/2 W.	
CARD 56				
600784	12/21	to Electro-Se Mfg Co	tests W. Electro-Se Mfg Co. - Subm report of test of insulators. 12/29 W To -- Submits answers to questions submitted 1/1-7/22	

INSULATORS

1922

Number.	Date.	From or To—	Subject.	
✓ 602662	12/29	Lapp Insulator Co.	CV insulator design- recommendations cov changes in 7.	
✓ 602442	1/31	To Phila	Porcelain Insulators Stock of least diff. to S&A Regt shipment of Insulators from Phila to S. & W. Snd 5428 1/1/22 Phila. - 1/6 W	
✓ 603034	1/3	Lapp Insulator Co. CANCELLED see 54875-629	No charge made for addtl test on larger insulators.	
✓ 602442	1/1	To S&A 9444	Regt shipment of Insulators from Washn to S. & W. Snd W	
✓ 603483	1/6	ashn.	Send report cov test of samples of condensate separator submitted by Diamond State Glass Co. to S&A Regt 1/17 Diamond State Glass Co. S&A Regt report 1/17 to S&A Regt 2/11/22 to S&A Regt 2/11/22	15
54875	1/9	Insp ritta	Twis report on tests of porcelain insu- lators mfgd by Lapp Insulator Co S&W	629

INSULATORS

1921

54 ✓

Number.	Date.	From or To—	Subject.
588709	10/3	Porcelain Insulator Corp	Request be placed on list of mfgs of transmission line insulators. W
589439	10/6	Nav. Sup. Depot	Request drawings cov porcelain insulators. W To O-I-C Brack Fwds prints 10/11
589802	10/10	Lapp Insulator Co.	Fwds vandykes of insulators. W. To -- Reqst plans 10/24 Lapp Insulator Co. - Returns prints. 10/26 W
589085	10/11	To Washn Fermica Insulation Co.	Tests of insulating materials - Reqst Reports W To Washn Reqst that test of sample be included in those authd in let 10/11 10/13
CARD 57	10/27	Fwds report of test cc Washn 10/27 Fermico Insulation Co. - Fwds report of test. 10/28 W	Washn - Fwds report on test of various types of formica material tested. 10/19 W.
590583	10/15	Lapp Insulator Co.	Subm comments on specifications RE 13-A-197-A W.
591506	10/20	Winspr Westing.	Request specifications for use in construction of insulating materials for radio compass. W. To Insp'r Pitts - Fwds plan 10/25
592090	?	Ports	Submarines O-1 to O-10 - recommends Bakelite insulators be auth for instln in lieu of glass. W.

INSULATORS

1921

Number.	Date.	From or To—	Subject.
✓ 593799	10/31 S&A 11/25- W	Elect ose Mfg. Co.	Fwds invoice cov adjustment of contract 49933 cov Insulators. 7. Fwd Inspr mat NY cc S&A 11/4 BB 11/15 W. To- Gives instrns re: correct rel material cc S&A Inspr Brook WS 49933-629 Inspr Brook- Recon. covs discor've offer of Electroose Co. re store material. 7. 11/8 To Inspr Brook Gives instrns cc S&A 11/10 Fwd S&A cc I E M NY 11/22
594476	11/8	To NY	Reqt vandyke rel porcelain and electroose insulator to fwded W N.Y. Fwds Electroose Mfg. Co. print. 11/19 W.
✓ 595025	11/10	To Dubilier Cond Co	Reqt Data concerning nature of alteration and copy of Bu letter designating alteration letter W
✓ 595030	11/12	To Washington	Fwds vandyke Pillar porcelain insulator W
596935	11/23	To Washington	Porcelain insulators for ships- Reqt sample be submitted 11/23
✓ 597092	11/23	O-I-C Brook	Prints- Reqt copies of print rel Insulators To O-I-C Brook has no plans available for issue 11/23 O-I-C Brook 1/10 W. Avy Sup Depot- Reqt additional copies of 11/15 W O-I-C Brook- 11/15 W

Number.	Date.	From or To—	Subject.	
574571	7-14	To Electrose Manfg Co	Gives results of test made on insulators W	
			To Electrose Manfg Co, 7/20	
575833	7-20	To Comdt N.Y.	Reqst modification of drawing W	
		To NY Reqst vandykes 10/5	— vandykes and prints. /10	
		N.Y. — Fwds prints. 10/14 W.	To Insp'r Break Gives Action cc NY 10/4	
575845	7-21	To MSD Comdts	Porcelain deck entering insulators W	8/2 W.
		Norfolk 8/3 W	Norfolk 8/26 W	
		Insulators will not be	To Norfolk 7/29	
		required. 8/4 W	Phil. 8-Rec 7 months 5 insulators be carried in	
575850	7/22	To Comdt Washn	stock. 8/2 W.	N.Y. 8/16 W
575842	7/23	To Comdt Washington	Porcelain insulators assignment of to	
			Radio Laboratory Wash yard W	
577427	7-29	To Comdt Coast Guard	Fwds print of drawing W	
575853	7-29	To S&A	Reqst shipment of insulators from M.I. to	
			Naval Academy W 8249	8/12/8
			To MI Reqst weight of insulators 10/12	
			MI 10/28 W.	
			S&A 12/9 W.	
577968	7/28	Electrose Manfg Co	Prints showing electrose adjustable	
			Air gap arc insulator. 1.	
570779		FROM CARD 58		

INSULATORS

1921

1

Number.	Date.	From or To—	Subject.
578667	8/1	Washn.	Design problem #11 / Electrode entering in insulator - re out cov test of. W.
581482	8-22	To SEA	Request shipment of insulators from Wash to Ports W 8561 RB 9/15 W.
582664	8/25	Electrose Mfg. Co.	Reports fwding electrose adjustable air gap arc insulator to Washn yard for test. W.
	Electrose Mfg. Co. 9/29	Washn - Report on test of insulators	To Washn gives inform rel test of insulator 9/17
	sub.itted by Electrode Mfg. Co. 12/5		To Electrode Mfg Co Request will fwd report of test 9/24
583173	8/29	N.Y.	Fwds vandykes and prints. W.
53793	9/1	To MI	Rel Test of Porcelain suspension insulators 629
584388	9/7	Ship Owners Radio Service	Request authority to purchase insulators. W.
	To SEA Fwds correspondence - 10/11		insulators. W.
	Gives Action to Shipping Board 10/11		To Shipping Board Fwds instrns 9/14
	Board 10/11 NY Phila Merr-		Shipping Board recommends insulator be used with sets already installed W
	Fwd Snd 10/11		
Dept- 585182	Copy Action to SEA 10/14 W		
	9/12	Washn.	Have no insulators in stock available for shipment to Ports. W.
			To Ports Gives in am cc CC 9/15 ---
50713	9/13	N.Y.	Insulator radio status of shipments SW 629
586488	9/19	USS OHIO	Reports receipt of insulators from Electrode Co for test - reqt instrns. W.
			To CC OHIO - Test desirable 9/29

Number.	Date.	From or To—	Subject.	
569156	6/9	Electrose Mfg' Co'	Request Bureau comments on metal inserts employed with safety strain insulator of the arc-over type. W.	
569489	6/13	Hopewell Insulation & Mfg. Co.	Fwds sample of antenna insulators. KW To Hopewell Ins Co 7/5	
551249	6/14	Norfolk	Calls attn to broken condition in which insulators were recd.	771-2
570751	6/20	Electrose Mfg. Co.	Request Bureau accept insulators rejected because center flange insert as not composition G as required. WS. To Insp'r Brook 8/30	
570779	6/20	Bur Stand Labr	Recommends Corning Glass Wks and H. S. Frye Glass Co. be requested to become interested in using their glasses in insulator manufacture. W. Corning Glass Co.— Rst prints. 6/30 W H.S. Frye Glass Co.— ask type of insulator used—7.12-7	
BELOW 569979	6/18	To Ship Bd	Fwds bprint copy of "Test of porcelain entering insulator removed from german destroyer at Norfolk. W	771-2
570658	6-21	To Condt Wash	Fwds drawing W	
570779	6-23	To Corning Glass Wks	Rest info if subm sample insulators made of PAREX glass— W copy Bur Stds	
ABOVE 570779	6-23	To Corning Glass Co.— (1) Representative of PAREX glass— W copy Bur Stds	To H G Fry Glass Co ditto 6/23	
will call 7/29/		7/27 W.	To Corning Glass Works 7/19	
#53 TO CARD			To Fry Glass Co 7/19	

INSULATORS

1921

Number.	Date.	From or To—	Subject.
571435	6/23	Electrose Mfg-Co.	Request copy of report of test of new insulator tested at Washn. W.
573117 7/6		To Elec Mfg Co	Thanks for supplying representative with ten new type entering insulators for use in aux trunk of USS PENNSYLVANIA W
573480	7/6	Continental Fibre Co	Callis 3" x 1/2" seamless Eupelite dielectric
	7/6	To Continental Fibre Co- Fwds report 10/18	To Wash 7-9 To Continental Fibre Co 7/9 Washn- Subm report of test on seamless moulded bakelite dielectric tubing submitted by Continental Fibre Co. 10/11 W.
573121	7/7	To Comdt Wash	Fwds vandyke copy of drawing for use in radio test shop W
573291	7-13	To S&A	Reqst shipment of insulators from CO PENNYL to Dept Wash. W 8068
573850	7-14	To Bureau of Standards	Design problem, 10 test of electrose insulators W Bur Stand Labr-report of test on insulators 9/3 W
573854	7-14	To S&A	Reqst shipmt of insulator from Norfolk to Bureau of Stds W 8129 RB 9/7 W

Number.	Date.	From or To	Subject.
552248	3/14	Pug. Sd.	Fwds descriptive matter and photostat of sketches relating to an electrical strain insulator devised by R. H. Marriott which may be patentable. W.
		To Robert H. Marriott via Pug Sd 10/17 Fwds specn 10/17 for patent number see 896	To R. H. Marriott via Puget Sd 5-19 Fwds specn 10/17 Fwds specn 10/17 Fwds letters from Electrode Mfg. Co. also prints rel to electrode insulators. W.
553777	4/5	CC OHIO	
555731	4/6	To Washn	Fwds Vandyke-Radio telephone W
557888	4/18	To Continental Fibre Co	has completed Tests on sample insulating material; Appxs material W
	4/18	To Phila 7/21 copy S&A	To Continental Fibre Co-- Gives list of points brought lyt during investigation 4/25
558823	4/20	Electrode Mfg. Co.	Are trying two radio test shop sample insulator for test. W. Electrode Mfg. Co. Electrode insulator fwded to radio Labr. Washn. 5/17 W.
554878	5/20	To Washington	Porcelain suspension insulator from Sayville. Request return to Ohio Brass Co. To Ohio Brass Co. request comments rel failure 5/20 Ohio Insulator Co. Request further details. 5/23 W Fwd Comdt NY 5/27
555227	5/20	Electrode Mfg. Co.	Request authority to witness test of insulator at test shop. Washn. W.

INSULATORS

1921

Number.	Date.	From or To—	Subject.
563570	5-23	To S&A	Reqt shipt of insulators from Washington to Puget Sound W 7500 RB 7/18
560500	5/19	Electrose Mfg Co.	Representative will call and submit inform rel to test of insulator. 731-1
565999	5-27	To N.Y.	Reqt cost estimate be furnished, Chattertons compound W N. York. This sample of Chattertons's compound. 7/1W To N.Y. 7/18 NY-Compound shipt to Exp. Sta. 9/26. 9/27 W
566718	5/30	Formica Insulation Co.	Ask if Bureau has recd duplicate set of sheets and rods. W.
564879	5-4	To Ohio Insulator Co.	Reqt comments in re failure of insulator W Washn. 6/20 W.
568009	6-8	To S&A	Reqt shipt of insulators from Great Lakes to N.D. Brooklyn W 7725 RB 6/27 W To S&A shipt order from GL to NSD 6/28 7725, 7 amendment of RB 7/7
568015	6-9	To S&A	Reqt shipt of insulators from Annapolis to Bureau Standards W 7733 RB 6/21 W

1921

Number.	Date.	From or To—	Subject.
539730	1/11	Westinghouse T/L Co.	Swds sample of bakelite micarta tubing for test.
		To Westinghouse— Swds report 4/15	To Washington 1-17
		Westinghouse T/L Co-4; 21-W	Washington— Swds report on test of "Westinghouse bakelite micarta tubing." 4/11 W
539306	1-20	To CO OHIO	Power rating of antennas. Problem 16- W
			To Annapolis— issue of insulators from Annapolis W 1-20 copy to CO OHIO and CO Annap.
541707	1-24	To Formica Ins Co.	Mr. Eas delivered to representative copy of drawings, tests of insulation, etc. 1/24
542332	1-25	To Comdt Washn	Design problem 119- of porcelain insulators for ship use.
		Washn— Swds report on test of German porcelain insulators. W	Washn— Swds report on test of sample of 1-25.
544536	2/2	Dubilier Cond Co	Cells attn to high tension insulator switch Co. has developed for antenna condenser.
545579	2/7	Electrose Mfg. Co.	Swds prints showing latest type electrodes for arc gap insulators.
		Electrose Mfg. Co. 2/17 W.	To 2-18
		Electrose Mfg. Co. Swds electrodes insulator 3/3	Electrose Mfg. Co. 2/15 W.
		Electrose Mfg. Co. 3/14 W.	To Elec Co 2-12
546040	2-12	To N.Y.	Request info re: insulator type SE 1694- in conn machining of entering in tubes on subma bldg at Bridgeport W copy Bridgeport. W
		N.Y. 3/9 W.	N.Y. - Swds marked print showing bearing template 2/25 W

INSULATORS

1921

Number.	Date.	From or To—	Subject.	
546042	2-14	To Brock	Stock on hand- insulators- W To NY advise stock on hand 2/14 N.Y. 3/3 gives stock on hand W N.Y. 3/10 W.	
549562	3/3	Boonton Rubber Mfg. Co. Boonton Rubber Co. (T) Ask when drawings will be fwded. 3/22 W. To Boonton Rubber Mfg Co Fwded Plans 3/24	Request specifications cov test of insulation for radio purposes. W To Boonton Rubber Co. 3-7 Boonton Rubber Mfg. Co. Rqst other prints be fwded. 3/11 W.	
550110	2/22	Pac. Fleet	Recommends Porcelain insulators be substituted for electrese insulation radio antenna on NEW YORK WYOMING TEXAS & ARKANSAS. W To Pac Fleet 1 3-9	
550366	3/8	Continental Fibre Co.	Request addtl test of bakelite dielecto products be made. W. To Continental Fibre Co. Gives inform 3/15 Fwd Washn 3/15 RE 4/19 W	
550748	3-12	To Washington	Design of porcelain insulators for ships. problem 119- W	
550364	3/8	Ship Board	Rest authority to subm porcelain insu- 771.2 lators mtd by Telephonka Co. in Germany to radio test shop, Washington for test. W	
551202	3-14	To B&A	Reqst shipment of insulators from Annapolis to Bur Standards W RB4/18 W.	6602

INSULATORS

Number.	Date.	From or To—	Subject.
530514	11/19	N.Y.	Ewds Vanduyke rel to electrose insulator.
531244	11/23	Lowenstein Co	Ewds copy of letter to Electrore Mfg Co relative to potentials imposed on radio antenna by undamped wave change. W No 1/3/31
531151	11-26	To N.Y. Tel	Wire data number of tube insulators which will be installed on PENNSYLVANIA and ARIZONA W N.Y. - Porcelain insulators will be installed on PENNSYLVANIA & ARIZONA. 11/27 W
531443	11/23	War Dept	Request for latest information on insulators in antenna for radio sets. W
531343	12/7	To War Dept	Ewds drawing, in conn insulators for antennas for radio sets. W
534811	12-15	To Electrore Mfg Co	Approval of insulator for naval service
Cost Lmbr Brook - Copy of action to Electrore Mfg Co. 1/18 W.			the number CP 1618 assigned for identification purposes W To N.Y. - Naval 12/15 comm From Electrore Mfg Co. 1/18 W N.Y. - Ewds prints. 12/22 W
534725	12/13	Washington	Recommendations drawings of insulators be changed to require type number of insulator to be permanently marked on same. W
535378	12-18	To S.A.	Request report of insulators from Portsmouth to Washington W Ports - Ewds bill of lading 12/27 W. Ports - 1/20 To Ports 2-1241

N. H. 134
11083

Number.	Date.	From or To—	Subject.
535463	12/17	Ray Ship Depot	Request drawings covering porcelain insulators. W. To C-I-G Brook Pwds Plan 12-24
535512	12/17	Tele. Aidant Wireless	insulators for sale. W. To 12/21
535619	12/20	S&A	CITY OF BALTIMORE request authority to purchase radio insulators. W. To S&A 12-27
535897	12-22	To Firms	Ad use rel. subm drawings covering porcelain insulators W To Firms Plan 12-27
		To Westinghouse Electric & Mfg Co Ack receipt of insulators 3/28	Locke Insulator Mfg. Co.—Subm quotation. 1/4 W To Locke Ins Co 1-8
		To Washington 8/23	Cost of use 2/12 W. All ship samples on 2/9
		To Washn-Bwds prints. 9/7 W	To Locke Ins Co 2-14 To Washington 2-17
537066	12/27	Insprr Brook.	Westinghouse E/M Co.—cost comments on samples submitted. 3/17 W. Request specifications covering outline of test of elec insulating materials for use in radio apparatus. W. To Insprr Brook Pwds specs 12-29
538021	1-6	To Comdt Boston	Report info as to date insulators installed on vessels. Batt. of 1st Fl et W To Insprr Brook 1-18-21
	1-19 W	W. H. H. Norfolk	To Comdt Boston and IM L. 1-18-21
538906	1/6	Diamond State Wire Co.	Request outline of test of electrical insulating materials for radio apparatus. W. To 1/10

Number.	Date.	From or To—	Subject.
✓ 516365	8/23	4th Dist.	Request authority to sell 800 insulators to Radio Corp of America. W. and S&A 9/17
516671	9/10	NY	Request auth to mfg radio insulator adapters RW 689-11
517040	9-16	To S&A	Request shipment of insulators from AL to MI W. RB 6/27/22. W.
517041	9-16	To S&A	Request shipment of insulators from F&B to Inget Sd. W.
517431	9-17	To S&A	Request shipment from F&B to M.I. Insulators W. RB 6/27/22. W. To MI- Gives status of shipment 5/5
518428	9-27	To F.S.B.	Stock of electrose insulators. Advise status W Fleet Sup Vase- Subm information requested. 10/5
✓ 521209	10/5	Hopewell Insulator mfg Co.	Request print and specifications covering insulators. W. To 10/9 Hopewell Insulation Co. will subm spec. 10/15 W
✓ 523193	10/14	Lowenstein Co.	Request drawings listed be turn in conn with test on electrical insulated materials. W.
✓ 523707	10/18	To Inscr Pitts T	Advise procedure followed conducting acceptance test SE 1577 insulators Ohio Brass Co. W. Inscr Pitts- 10/23 W. To Inscr Akron 11/2 To Inscr P. Goodrich 12/13 Inscr Pitts- Copy of action to Ohio Insulator Co. 1/5

C SULATORS

Number.	Date.	From or To-	Subject.
524668	10/20	Fleet Sup Base	Request copy of drawing covering lead in insulators. W. To St Prock Fwds print 10-25
527059	11/1	Diamond State Fibra Co.	Request further test of condensite cellularam be made. W. To 11/9
526439	11-5	To IM's Comdte	Stock of Insulators on hand - instructions in conn with same re ports W Key tests monthly make report 11/2 To IM by 2nd Cd at Bostn Instructions 1-19-2
235	N.Y. 2/17	W.	
528295	11/8	Electrose Mfg. Co. To Electrose Mfg 12-1 Electrose Mfg. Co.-request further information- 12/2 W.	Request comments on maximum voltage obtained 35 Kw arc transmitter in conn with tests of insulators. W. To 11/11
528947	11/10	Formica Insulation Co.	Electrose Mfg. Co.- Request necessary inform be furnished. 11/13 W. Request arrange to test various classes of Co's products. Formical Insulation Co. 12/4 W To 12/13
NSA 163/20	11/13	To Insp Pitts	Insulators as mfg by Ohio Brass Co- Req action as to early delivery WAS ,
529883	11-19	To Boston & N.Y. ? To H NY Est ap vd 11-27 Subm estimates. 12/20 W Boston 1/5 W.	Examine immediately stock insulators if not supplied. Mfrs of parts adv advise action taken and cost work Boston & Wash W Machinics cov manu of loading down bolts of insulators. 11/22 W insulating materials eg electrese porcelain vs electrese insulators. W Bwd Gashm 12/7 R= 12/14 W To Wash 12/20 Wash . 1/3 W.
530254	11/18	Sld Ward-	

INSULATORS: RADIO

1920

Number	Date	From or To	Subject
499557	6-16	To SAA	Regst. shipment of insulators from Washington to Boston
	Amendment of 9/22		
	Amendment of shipment order 12/6/20		Boston; reports receipt of 14 cars each containing one main insulator; 9-9; 4
	SAA - Copy of action to Boston. 12/30		Rev Boston 9-22
499560	6-17	To SAA	Regt. shipment of insulators from Washn to Norfolk
			To Washington - instructions re shipment 6-29
			copy MR. OGDEN PA. IN NY Norfolk Boston
			To H. Norfolk Gives action 11-24
499559	6-17	To SAA	Regst. shipment of insulators from Washn to NY
	11/30		ask when shipment will be made; stock exhausted; 9-13; W
			Amendment of 9/22
			Rev NY 9-27
499450	6-18	To Electrode Insul Co	Amendment of shipment order 11/22
			Regt. copy of insulator B7 be fwded to Bar W
			Electrode Insul. Co. Fwd. insulator print. 6/22 W
			Ports - Fwd. cut of electrose insulator. 7. 6/26
500760	6/21	Elec. Test. Labr.	Request copies of test methods used for testing insulators.
			To - Fwd. copy of spec'ns 6-24
501463	6/24	Lowenstein Co.	Request copy of outline of test on elec insulation material for use on radio apprs. W.
			To Lowenstein Co. Fwd 6-29
504909	6/25 7/9	Electrode Insul. Co. War Dept	Request copy of outline of test of elec insulating material for use in radio apparatus W.
			To Fwd 7/17
			Electrode Insul. Co. - Post missing prints be
			To Electrode Insul. Co. Fwd 7/29
			Electrode Insul. Co. 7/30 W.

Number.	Date.	From or To	Subject.	
504787 <i>To 60</i>	7-14	To S&A	Reqt shipmt of insulators from N.Y. to Subm Base Coco Solo W To S&A- reqt status 9/3	
505736	7-19	To M. Island	Assignment of insulators for installn on vessels of Ship Bd. To S.I. Ed. Eds. co. 7/21 To M.I. Eds. drawing 7/26 copy Ship Bd	W
505737	7-19	To F.S.B	Assignment of insulators on contract 49960 mfg by Ohio Brass Co. Shipmt order from FSB to Phila 11/22 RB 2-2-31	W
506068	7-20	To S&A	Reqt shipmt of insulators from Washnta N.Y. W RB 7/31 W	
507488	7-28	To Phila	Advise number on hand Phila- 8/2 W.	W
507402	7-30	To Fed Tel Co.	Fwd's copy of drawing/ W	
508277	7/29	Fwd S&A	Radio telegraph BO Dept air mail service order RE 112 7/29/20 for insulators. W	876
513159	8-25	To S&A	Reqt shipmt of insulators from N. Y to Radio station St. Petersburg. W	
515640	9/17 9/3	Electroese Co. N.Y.	Reqs addtl drawings, insulators. To NY 10/1 N.Y. Request action 9/29 W. N.Y.- 10/20 W To NY 11-30	
	11/28/21	To F. Y. at 101 Re 10-27		
	11/28/21	Insulator 11-10-27		
	11/28/21	11/28/21 W		

INSULATORS

Number.	Date.	From or To	Subject.	
✓ 482031	3-16	Dubilier Condenser Co	Lt Comdr Will will recom. and that test made at company's laboratory by inspector be final and accepted at Boston yard; W	
41603	3/6 3/17	Flt Supply Base Brook	Complications and increased cost, due to inspection of insulators after delivery on contract with Electros Manfg Co- submits recommendations- SL	629
✓ 485185	4/1	General Insulate Co.	Fwds sample of Navy radio knobs for test. W. To. re-st duplicate set 4-8 Gen. Insulate Co - fwds samples with prices of - W	
485907	4/5	Inspr Brook (T)	Request copies of test on electrical insulation material for use in radio apparatus. W. To Inspr Brook fwds 4-2	
486527	4/7 4/8	Chasn S&A	Request authority to sell ship owners. Radio Service Co. safety strain insulators. w fwd S&A 4-12	
5795	4/26	Washington	Subm report on inspection of porcelain suspension insulator at Ohio Brass Co. W	706
✓ 492075	5-10	To Lapp Insulator Co	Fwds copy of drawing. W To Locke Insulator Co. fwds 5/10 ✓ Locke Insulator Co. 5/12 W.	

[OVER]

INSULATORS

45- A ✓

Number.	Date.	From or To--	Subject.
363712	FROM CARD 45		Inspr Cramps 8/2 7. Inspr Cramps- 8/31. W. Inspr Cramps 12/6 Inspr Cramps 1/10 W Inspr Cramps- 3/1 W Inspr Cramps- 5/1 W Inspr Cramps 5/2 W Inspr Cramps 6/1 W Inspr Cramps 7/10 W. Inspr Cramps 8/1 W Inspr Cramps 9/1 W Inspr Cramps 10/3 W Inspr Cramps 11/8 W Inspr Cramps 12/8 W

Number.	Date.	From or To—	Subject.	
2940	2/11	Wash	Porcelain deck insulators- recommends be fwd to flt for test - SW	b29-1
477321	2/21	To PEN SYLVANIA	Service test of porcelain insulators. shift order 130-6 477323 of 2/21/20- Design problem 7- W To COYAMA- service test- problem 7- reference Ship order 477322 508-6 of 2-21/20 W To IM NY reqst fwd plan to CO's 5/21 NY- Fwds prints of porcelain insulators. 3/2 CO PEN SYLVANIA 4/23 W. CO PEN SYLVANIA 6/22 W.	
477595	2/24	To IM NY	Reqst vandykes be fwded W NY- Fwds insulator vandykes. " 3/2	
478316	2/26	Washington	Fwds special report on test of porcelain entering insulator manufactured by Locks insulator Co.	W.
NSA 834	2/26	To S&A	Does not consider purchase advisable pending results of tests by Wash Yd on design problem 7- copy PSB	WR
480716	3/5	Phila	Antenna lead support insulators - fwds prints and recommends approval of manufacture of.	W.
F.S.B. 1045	5-11	To S&A	Insulators type SE-1557 complete with delivery under. copy to F.S.Base and Eng Sd. W	shields.

INSULATORS

Number.	Date.	From or To—	Subject.
363712	FROM CARD 42		Pug. Id. 3/4
	Inspr Union 7/7 Y		Mare Island 5/4
	Ports. 8/2 W.		Union - 3/6
	Norfolk 8/3 W.		To Comdt 4/1 Island 3/30
M	Chasn. 8/30 W		To Comdt 3/30
	IS-8:3-W		Norfolk 3/31 W.
	Inspir Union 8/7 W W		Phila 5/31 W.
	Chasn. 8/30 W.		Key West 3/31 W.
	Norfolk 8/31 W.		Inspir Beth 3/31 W.
	Key West 8/31 W		Inspir Cramps 4/3 W.
	Inspir Cramps 9/3 W		Chasn. 4/1 W.
TO CARD	Mare Island 8/30 W.		Pug. Id. 4/2 W.
45 - A	Ports. 9/8 W.		Mare Island 4/3 W.
	Inspir Union 9-8 W		Inspir Union 4/7 W.
	New Orleans 9-10 W		Mare Island - gives reasons why insulators have reached such a low level. 4/10 W.
	Ports. 9/22 W.		Mare Island 4/10 W.
	Norfolk 9/30 W.		Key West 4/20 W.
	Chasn. 10/29 W.		Phila. 5/3 W.
	Key West 3/30 W.		Norfolk 5/3 W.
	Mare Island 10/2 W.		Chasn. 4/29 W.
	New Orln. 10/13 W.		Inspir Cramps 5/5 W.
	Norfolk 11-1 W		Union - 5/4 W.
	Chasn. 10/30 W.		New Orln 5/7 W.
	Key West 10/30 W.		Mare Island 5/6 W.
	Inspir Cramps 11/5 W.		Pug. Id. 5/6 W.
	Ports. 11/4 W.		Key West 5/29 W.
	Mare Island 11/1 W.		Chasn. 5/25 W.
	Inspir Union 11/5 W.		Phila 6/1 W
	Key West - Subm. recd. 11/12 W		Norfolk 6/2 W
	Inspir Union 12/2 W.		Inspir Cramps 6/2 W.
	Inspir Cramps 12/31 W		Pug. Id. 6/2 W.
	Ports. 12/31 W.		Mare Island 6/2 W
	Inspir Union 1/1 W		Inspir Union 6/4 W
	Inspir Cramps 1/31 W		New Orln 6/24 W
	Inspir Union 3/2 W.		Phila 6/30 W
	Inspir Cramps 3/9 W.		Norfolk 6/30 W
	Inspir Cramps 4/2 W.		Key West 6/29 W
	Inspir Union 4-4 W.		Mare Island 6/30 W.
	Inspir Union 5/3 W.		Chasn. 7/1 W.
	Inspir Cramps 6/2 W		Key West 7/30 W.
			Inspir Cramps 8/2 W

INSULATORS

Number.	Date.	From or To—	Subject.
336487	FROM CARD #26 S&A-Copy	Action to Washn. 7/26 W	Ohio Brass Co. 1/12 Ohio Brass Co-1;21 To Ohio Insulator Co Gives inform re price of trans set 4/19 Ohio Brass Co. Will advise later, rel to purchase of arc set. 4/21 W. Ohio Ins Co-reqt Bureau suggestions 4.26-W To Ohio Insulator Co. Gives instras 4/30 Ohio Insulator Co. 1/16 Ohio Insulator Co.-(T) Desire to retain arc set. 6/8 W. Ohio Insulation Co.- (T) Request action. 6/15 W To Ohio Ins Co Tel 6-16 To S&A- reqst action- 6-22 Request copy of report of test on Formica. W
469538	1/13	Formica Insulation Co.	
471350	1;22	NY	Request Insulator prints. E
472161	1;24	Washn	Submits report on test of porcelain deck insulators furnished by <u>Locke Insulator Co</u> and Ohio Brass Co. W
472692	1;28	Washn	Have made arrangement to test sample insulator submitted by Ohio Brass Co. W
472849	1;28	<u>Electrose Mfg Co</u>	Fwds pr ints showing electrose adjustable arc gap insulators. W
472850	1;28	<u>Electrose Mfg Co</u>	Fwds various types of insulators to Washn yard for test-also fwds prints. W

INSULATORS

Number.	Date.	From or To—	Subject.	
✓ 472226	1/28	To Comdt Phila	Request advise number of porcelain insulators in store Phila. Id. # Phila. 2/2	
✓ 473212	1:31	Washn	Submits report of test pressures applied to porcelain insulator mfgd by Ohio Brass Co. W	
✓ 474021	2/6	To S&A	✓ Request shipment from Fleet base to Wash radio appr. W	
457095	2/6	Phila.	Fwds report of test of characteristics of Safetee glass for use as insulators.	907
475773	2/12	N Y.	Fwds insulated drawings showing changes made in dimensions.	W.
✓ 475983	2/13	Washington	Subm report of test of Submarine entering insulators manufactured by Ohio Brass Co. W.	
476100	2/7	Puget Sound	Instln of rigging insulators and grounding strips for smoke stack guys on all battle ships beginning with DELAWARE; subm estimate and request immediate action. To Puget Sound (T) 2/19 Puget Sound subm estimates. 2/30 W. To Puget Sd (T) 2/7	

INSULATORS

1919

Number.	Date.	From or To—	Subject.	
✓ 461291	12/3	Westinghouse E.M. Co.	Fwds print showing porcelain insulator.	W.
461049	12/5	To IM. N.Y.	Reqst fwd to Washington prints of drawings listed. W	
✓ 462129	12/9	To S&A	✓ Reqst shipment from Phila to Bellefonte Pa. radio appr for Postoffice Dept. W	
462289	12/8	C&R	1" rigging insulators for Battle Ships may not be delivered in time for instln; reqst new rigging be provided so that ship's force may substitute. W.	
462396	12/9	Washington.	Comparative test of entering in insulators-report covering. W.	
✓ 464320	12-23	To C&R	✓ Rigging Insulators for Battleships. W C&R 1/6 88	

Number.	Date.	From or To—	Subject.	
465291	12/19	Puget Sound	Insulators still due will be required for radio instn on Battleship and Shipping Bd. vessels.	W.
✓ 465798	1-2	To ~~Westinghouse~~ Co	Fws prints Antenna insulator. W	
466828	1-6	To S&A	✓ Reqt shipment insulator from F.S.B. to Newark N.J. W	
466829	1-6	To S&A	✓ Reqt shipment insulator from F.S.B. to College Park Md. W RB 5/3 W	
✓ 468063	1/6	Norf.	Request insulator vandykes. to- fws pr.nts. 1-10	W.
471350	1/28	To N.Y.	Fws vandyke of insulator drawing. W	

INSULATORS

Number.	Date.	From or To—	Subject,	
454336	10/25	N.Y.	Twis vandykes showing moulded composition insulator. W.	
454594	10/27	Natl. Lead Co.	Request authority to give R.D. Lillibridge parts for Marconi and wireless imprvt. Co. apparatus. W.	
455121	10/30	New York	Only 202 electrose insulators in stock—cannot be replenished as contractors plant is closed, due to strike. W.	
456948	11-8	Wash.	Best disposition of porcelain entering insulator purchased from Locke Insulator Co. recd at Test Shop. To Washington 1/27	W
457256	11/6	Puget Sound	Request ship of insulator listed for WYOMING, ARKANSAS, NEWYORK & TEXAS insulators. (T) Rqst info re deliv of insulators. P S 11-24 A C&R 11/25	W.
458381	11/19	To S&A	C&R - Copy of action to Pug. Sd. 12/1 Request ship from Ph to Washington P.O. Dept 30 Elec insulators W	

INSULATORS

Number.	Date.	From or To—	Subject.	
363712	FROM CARD 36		Boston 11/11	
	Inspr Union 1/2		Inspr Bath 11/29	
	Inspr Bath 12/31		Key West 11/29/29	
	Inspr Sound 1/5		Chasn. 12/1	
	Inspr Crln. 1/1		Boston 12/3	
TO CARD 45	Phila. 1:30		Portfolk 12/2	
	Inspr Bath 1:31		Inspr Union 12/2	
	Chasn. 1/5		Inspr Cramps 12/8	
	Key West 2/3		Inspr	
	Mare Island 1/31		Mare Island 12/2	
	Boston 2/4		Inspr Sound - Reports on insulators on hand. 12/3	
	Inspr Union 2/4		Phila. 12/17	
	Inspr Cramps 2/10		Chasn. 12/29	
	Inspr Cramps 2/10		Port. 1/2	
	Norfolk 2/11		Phila. 1/2	
	Key West 2/28		Key West 12/31	
	Phila. 3/1		Mare Island 12/27	
	Inspr Cramps 3/2		Boston 1/3	
	Norfolk 3/2		Inspr Cramps 1/5	
	Chasn. 3/1		Ports. 1/5	
	Inspr Bath 3/4			
438224	from Card #40		Inspr Mass. - Subm list prepared by Jas. Hughes & Son, on sales of mica tags to Wireless Specialty Appr. Co. W. 11/17	
			Wireless Spec. App. Co. 11-21	
			Wireless Spec. App. Co. - Request status. 12/19	
			To Wireless Spec co copy S&A 2/17	
461270	12/1	Prospective Co	Best porcelain radio insulators be supplied to vessel instead of electrose insulators. W.	586-6
	12/1	Inspr FR		

N.S.E Form 14.

INSULATORS.

Number.	Date.	From or To--	Subject.
444137	9-5	Norf.	Insulator fittings. Connector for- Fwds prt. W To Norf. Norf dr insulator fitting connector as a whole disapproved 9/27
444219	9-6	Great Lakes	Reqst bureau arrange for immediate shipment of insulators. fwd FSB 9/12 Fleet Supply Base 9-16 States will purchase safety electrose insulators on O P Rqm.
444436	9/6	Airc Facy	Streamline Insulators for Slid-Win antenna 918 Fwds sample- Rec be tried at. W.
440704	FROM CARD 40		American R/R Corp 9-9 Will fwd sample condenser test shop 9-15. American R/R Corp Reqst comments. 9:27 fwd Odt Wash 10/6 Washington-Report of test of air condenser. 11-1 To American R/R Corp- fwd copy of report 11/5 American R/R Corp 11/12 American R/R Corp- fwd folders and discount sheets covering condensers. 11/5
445686	9-12	Electrose Mfg. Co.	Submits plans showing air cooled flange locking insulating connectors. Electrose Mfg Co- fwd prints showing flanged locking insulat indicators-11:23

INSULATORS

Number.	Date.	From or To--	Subject.	
297259	5/29	To SEA	Requirements insulators, fiscal year 1919	572
451894	10/17	To SEA	Rest shipt of insulators from Phila. to Norfolk. W. BB 10/29	
?? 488242	9/29	OAR	Copy lettr to various yads fws prints of proposed standard method of rigging insul on battleships W 878	
437199	FROM 39		To Inspr NYS- fws copies of corresp 12/28 Insp Cramps 11/3 Portsmouth - 11/4 Mare Island 10/31 New Orleans 11/3 New Orleans 12/1 Ports. 12/19 Ports. 1/3 Ports. 2/8 Ports. 2/8 New Orln. 2/7 New Orln. 3/3 Ports. 3/9 Ports. 3/31 W Ports. 3/31 Ports 3/31 W. Ports 4/29 W. Ports 5/4/29 W Ports 5/29 W Ports 6/29 W. Ports 7/30 W Ports. 7/30 W. Ports. 10/4 W. Ports- 11/4 W. Ports- 11/11 W. Ports- 12/3 W.	

INSULATORS:

Number.	Date.	From or To—	Subject.
438224	8;4	Wireless Spec App Co	Sub infor re large amt of spec mica on hand, reqst Bu assistance in securing disposition of. W
TO CARD #42		To Wireless Spec App Co-Reqst further information: 10;31	To Inspr Boston 11/13
		Wireless Spec. Appr. Co. 11/10	S&A-Copy of let to Wireless Spec Co. 10;7
437925	8/9	To Wireless- Info reqst how much mica purc from other Co's & inche pur made Watson Bros 11/13	Wireless Spec. Appr. Co.-Fwds copies of correspondence for further consideration 10/23
		To Electrose Mfg Co	Wireless Spec App Co-Asks if will place ord to use Co's attenti n to SE let of 7/28 reqsts; up mica into rel to redesign of insulators W 11;5
			Electrose Mfg Co. 8/22
438387	8/11	To Ports	Fwds two sets of blueprints. W
of insulators-		probable date of deliv. 12/1/20 W.	Ports 9-18 (T) Asks diameter of dotted circle shown on plan. W
			Ports 6/29 W
			To Ports- when available will issue insul to various yards for install 7/7
3413	9/5	G E Co	Request approval of use of the bakelite compound for insulating material for pilotrons. S 629
439146	8;11	Inspir Union	Tel-Ask if Gov. or contractors are to supply insulators. W
			To Inspir Union Tel 8/12
439736	8/18	To Wash Yd	Req tests be made on RY 61AA 350 with bakelite on flanges, expediting same. W
		Wash - fwds report of test of electros entering insulator - 12/11	Washington- Fwds report of test on porcelain entering in-insulator subm by Ohio Brass Co. 11/14
		To Wash 1-12	To Wash 11/14
		To Wash 12/20	To Wash 12/29 W.
		To Wash 12/29 W.	To Wash 1-12

Number.	Date.	From or To--	Subject.
439461	8:2	Boston	Fwds letter to Wireless Spec App Co in con with test made on condensers. W
SE 20/20	8/23	To Wash	Rejections of bids, and asks firms be reqstd new bids W
439864	8:7	Ohio Insul Co	Deck bushings for radio work, sub report with photos cov. W
SE 20	8/18	To Locke Insul Co	Req proceed wth samples in accordance with change given. W
SE 20	8/18	To Ohio Insul Co	Req proceed wth samples in accord with change given W
440704 TO CARD 41	8:19	Railroad Corp (American) American Radio & Research Corp 9-8 Have referred matter to Medford Hills Me.	Fwds photos cov condensers. W Fwd Genl. Wash 8-27 RB 8:2
440210	8/21	To Ohio Brass Co	To Amerl Jan Radio & Research Cornn.- req fwd sample to Wash 9/6 Asks fwd sketches and info re insulators can supply W Ohio Brass Co - 8:23

INSULATORS

Number.	Date.	From or To—	Subject.
436203	8/1	To Comdt Washington	Reqst test of insulators, Electroge RY 61A 350 insulators special design by N.Y. Yard W Washington - Comparative test of standard special entering in insulators - report covering. 12/9
436998	7:28	MI	Reqst copy of all plans showing insul used in radio work. W
437249	8:8	Dublier Cond Co Tel To Insp r Brook (T) - 8-18	Rejected antenna cond being rec with parts missing and units dismantled. W, Dublier Cond Co-Tel-Reqst immediate in- vestigation to stop further destroying to Gov material. W 8:18 To Boston-Reqst report of condition of cond. 8:22
437198	8/5	To Insp r NYS Co.	Reqst number of insulators in stock of types enumerated in letter of 11/6/18 and 11/12/18 be ascertained and fwd info covering W Insp r NYS- 9:18
436782	8 7/17	Cavey NY	Fwd photos of antenna insulator broken in shipment W 920-4

Number.	Date.	From or To—	Subject.	
433721		From Card 38	Diamond State Fibre Co—Fwds report on new insul material. W Westinghouse E & M Co-Sub list. 8:6 Electros Mfg Co—States sending bulletin catalogue and new design of insulators.	8:29
437199	8/5	To IM'S Comits, Inspre	Reqt fwd reports for August W	
SEE 41	Portsmouth 9-4	Marine Island 8-30	Insp Cramps 8:8 Key West - 8:11 New Orleans 8:14 Portsmouth - 8:14 9th Dist - 8:15 9th Dist—Fwds insulator report 8:15	Insp Cramps 10:4
RB 10/31	To I.M. N.Y. directs prompt reply be made to Insp NYS. copy to Insp NMS. 9-13 Posts- 10:1 Insp NYS 10:21 9th Dist— List insulators in stock) 10:6		Insp NYS 9-2 Portsmouth 9-2. Insp Cramps 9-5 Submits report of insulators now in store. Gr Lakes 9-5 New Ori 9-5 Fwds prints showing dimensions of condenser for for new design, asks if can substitute for for old type. Cross to 882 - 1 To Boston— Req sub results of tests 9/2 To Lab Co— results have not been recd 9/2 Post 9-8 Samples from Dubilier not yet recd	
438060	8:6	Dubilier Cond Co.		
4854	8/17	S&A	Rest instructions as to items of mica signed in block, N.Y. and Boston. Saw. Fwd / S&A. 8/4. faw-2.	6x9
5128	8/5	Dub'lier Condenser Co.	Fwds copy of letter to Boston Yd with reference to rejected antenna condensers.	6x9

INSULATORS

Number.	Date.	From or To—	Subject.	
427667	6/24	To NY	Reqst take steps to learn if any change in material entering Electrode Insulators or in the mg process which might account for present failure of insulators, fwd report New York 9-15 Submits result of chemical analysis.	W
427668	6/24	To Comdt Washington	Reqst obtain info covering insulators, tests of fwd to Bureau, as endeavoring to obtain more suitable type of insul for operating in conn w arc trans. 7.	898
428494	6/26	To Washn	Reqst tests be made on sheet insulation material from Co listed	W
46	To Washington req fwd prints 12/5	Washn - 7:5	Washington 9-6 Submits preliminary report	
428495	6/25	To Comdt Washn- rel test 5/10	Washn - 9-6 Submits test of sheet insulating materials. 5/22 W	12/2
		To Ohio Insul Co	Reqst quotation on insulators, according drawing enc W	
			To Locke Insul Co ditto 5/25	
			Locke Insul Co - Quotes prices. W 7:18	
			To Locke Co- req info re samples 8/14	
429898	6:27	Fleet Sup Base	Conf tel conv stating insulator and beads etc will be shipped to Naval Radio Res Lab by express.	W
431345	7/11	To Comdt NY R	Reqst fwd descriptive data for each insul listed in list enclosed. W	
			To NY asks rep to lettr of 7/10/19 to Oct NY 8/21	
			NY - 8:23 NY - 8:28	
			Ingr ditto - fwd photos	

INSULATORS; RADIO

Number.	Date.	From or To—	Subject.
433721	7/22	To Firms Listed Circular Letter International Insul Co-Fwds list of parts. 7:26	Bureau is preparing specs for annual contracts covering radio insulators and radio insulation material for fiscal year 1920- Req fwd descriptive matter etc. W
Card 39	7:24	Ohio Brass Co 7:24 R Thompson Sons 7:29 National Lead Co- 7:30 J M Co-List asbestos wood fwd to Wash for test. 7:31 Mitchell Rand Co - 7:31	International Insul Corp-Fwds list of parts furn- 7:24 Formica Insul Co- Fwds prints 7:30 J Dewitt Insul Co- Fwds descrip of motors cov high tension insulators. W 7:24 Pitts High Voltage Insul Co-Fwds copy of cata- logue. 7:24 Locks Insul Co-R est and new spec. 7:28 Fwds copy of let from NY yrd rel to test of insulator also price.. W
434819	7:23	Electros Mfg Co	
434817	7:21	Electros Mfg Co	Offers to extend cont 41603 to 9:30 to enable place Navy place additional orders at low present prices. W To- acknow rec of let- 8/9 Electrose Mfg Co. 8/22
436202	7/31	To Electrose Mfg Co	Req rel to progress on use of magnesium oxide for use radio insulators. W Electrose Mfg. Co. 8/22.
436204	7/31	To Washington Yd Washon. Fwds report of test of porcelain guy insulators manufd by Ohio Brass Co. 6/17 W	Reqst elec and mech tests be conducted on insulators ship to Wash for investigation W Wash. Yd.- Subm report on test of porcelain saddle type guy insulators. 12/9 To Cdt Wash 2/8
436205	7/31	To Wash Yd	Reqst insulators proposed for use on submarine sats and sub by Ohio Ins Dole tested W

1919

INSULATORS

Number.	Date.	From or To—	Subject.
417894	5-15	To S&A	Reqst shipment from Sayville to Washn four German saddle type white porcelain insulators W
418446	5-15	To <u>Liberty Elec Corp.</u>	Advise satisfactory to supply compass coil size 8 ft 2 in and 5/16 inc long. Instead of 8 ft 2 inc and 15/16 inc long. W
419969	5-22	To <u>Locke Insul Co</u>	Reqst copy of Insulator Book and data on porcelain insulators, of value in adapting insulators to radio installing W
420944	5-24	Insp'r Lake	Reqst furnish three electros insulators, one to replace one damaged in installing, other two for spares. To S&A per ship from Bost to Bridgeport Insulators 5-29 RB 6, 56
420985	5-27	To S&A	Req ship from South Brooklyn to Washn insulators W
To S&A- Reqts expedite delivery of material listed. copy to Wash. 1-20			Washington- Request furnish Elect Sup Base with drawings. 11/18
Fwd S&A 2/3			fwd NY 12/6
S&A 2/18			S&A- Copy of action to Washington. 2/4
Wash. ship received. 4/10. W.			
427666	6/24	To <u>Ohio Insulator Co</u>	Reqst fwd drawings W

N.S.E. Form 134.
INSULATORS

1919

Number.	Date.	From or To—	Subject.	
✓ 422092	5-31	To Norf	Rel to substitution insulators for Norf HP station. W	
			To Norf-Insulators cannot be obtained. 8:25	
✓ 423122	6:3	Insp'r Newport News	Submits list of radio insulators on hand. W	
423437	5:27	Balboa <i>Carrizito</i>	Submits report on antenna insul reco recover petticoat type be supplied Barian. To 15th Dist- rel to antenna insul for stat for Roub of Panama and Chai Zone 6-18 W	
427402	6:11	<u>Thermal</u> Syndicate	Calls attention to their vitreol (fuse pure Silicon) for quartz vessels for ther- monic valves for radio. To Western Elec Co- reqst info re above 5/24 W To GE ditto 5/24 To Dept of Commerce ditto 6/24 Co- give reason why advised to use the bulbs. 6:27 To Thermal Syn- shg comm w GE Co & Western Elec Co 7/15 Western Elec Co-Comments on use of quarts. 7:17 Thermal Syndicate 7:31	

INSULATORS

1919

Number.	Date.	From or To—	Subject.
411879	4-21	To Ohio Insul Co. Washington—Subm specifications for porcelain insulators. 12/23 Fed. Co. 2/8 To Washn 5/30 Washn—Spec report on test of porcelain insul. 1/18	Asks info action taken on insulator with metal cable clamp and 45000 volt submarine antenna insulator taken up with rep March. W To Washn—Reqst tests be made 5-8 To Washn—Reqst specifications for Ohio Brass Co's insulator No. 1 be fwded. 12-12 To Fed Co 1/30/20
412041	4-21	To S&A	Req shipment from South Brook to Washn two electrose insulators. W To NY—Insulators will be tested at yard NY 4-22
413241	4-25	To S&A	Reqst ship from Radio, Va. to Washington of one case insulators. W
363712		From Card 32	Charleston - 5:1 M. I. 4:26 To Union Iron Works—Reqst number of insul be turned into store at MI 5:2 To Union Iron Works— To Mare Island—Reqst obtain from stock NY insulators for install. 5:3 Inspr Union 5:6 Pg Sd - 5:4 Boston 5:3 Charleston 6:1 Phila 6:5 Mort 6:5 Pg Sd - 6:4 Inspr Union 6:10 Inspr Bath 6:16 Boston 7/2 Charleston 7:2 Inspr Union 7:1 Pg Sd 7:1 Mort 7:14
TO CARD 42		Mort 7:7 Inspr Newport News 8:6 Pg Sd - 8:8 Inspr Bath 8:6 Phila—Submits report on insula- tors 8:30 Key West—Sub report on insulation. 8:30 Charleston 9-1 Inspr Bath—Submits report of insu- lators in stock. Inspr Union Iron Wks-9:6 Puget Sound 9-4 Mort 9-10 Boston 9-11 Gives list of insula- tors on hand. Chasm. 10/28	Inspr Bath 9:30 Key West 10:2 Pg Sd 10:2 Mare Isl 10:11 Inspr Bath 10/31 Phila. 10:31 Inspr Union 11-3

1010

Number.	Date.	From or To—	Subject.	
415525	5;3	To Locke Insul Co	Reqt that rep call at BU. To Ohio Insul Co—Reqt that rep call at 5;3 Locke Insul Co - 5;5	BU. W W
416398	5;3	Marconi Co	Micarta finished for box, asks if work started will be changed.	W
416346	4/19	P Snd	Submits report of trouble experienced with electros insulators on.	929-771
417642	5-13	Fwded C&R	Cy of report submitted by Ohio Brass Co on development of insulators for use in rigging battleships, comments. C&R—Copy of letter to Atl Fleet, fwd sample of insulators. C&R 6;23	W RB 5;26 5;24
418677	5;15	Pg Sd Tal	Reqt ample stock of radio instal be sup Pg Sd Yrd. Cross to 689 - 17	W
405534	FROM CARD 35		Westinghouse E&M Co 5/14 Submits test data— Formica Insul Co—Reqt report of test: 10;18 Formica Insulator Co—Reqt report of test: 10;18	

INSULATORS

36 ✓

Number.	Date.	From or To—	Subject.
> 405534	3-27	To Firms	✓ Advises Bu is conducting comparative investigation of sheet insulating materials for use in radio telg equipment— asks samples be submitted— Cont Fiber Co-Will fwd copy test.
TO 35		Diamond State Fiber Co— Fiberglass Insulation Co-Will Change samples listed, 4:10	Diamond State Fiber Co—Wds copy of test run by Elec Test Lab NY, 4:31 Fiberglass Insulation Co-Req instruction cov shipment of samples, 4:3
405550	3-27	Cont Co-Fwd copy to Bu S:shd test on new life detector material. 4:50 To S&A	✓ Reqst shipment from Fleet Base to Phila insulators, To A.Y.— reqst expedite 3-28 To NY Tel 4-4 New York 4:18
✓ 405670	3-28	To Electrode Co	Asks procure standard forms of electrode making same into plates for test. Electros Mfg Co— Asks for improved type of insulated bus in and connectors. W 4:10 To— comments 4-17
BALBOA SE 10	4-1	To S&A	Wds info recd in despatch March 24th— non-receipt of insulators.
406482	4-4	To S&A	✓ Req shipment from Fleet Base to Washn bakelite dielecto grade XL and mica rta, etc. W To NY— instruc re shipment, marking of NY 5:13 4-7
409348	4:8	Electros Mfg Co	Calls attention to rod type strain insulator. Wds prints. L

INSULATORS

Number.	Date.	From or To--	Subject.	
396944	2/8	S&A	Submits detailed report of Navy mica report covering production etc. W.	372-2
401178	4-12	To S&A	Request shipment from Palo Alto Cal. to Norfolk, porcelain insulators. W To GE- reads quotations 4-15 To Fed Co- confirms phone, issued shipping instructions, asks have material released at factory 4-15 GE Co-Submits quotations.	4:18
363712 see 32	4-15	To Inspr NYS	Request report giving no of insul be fwd on first of each month. W To Phila ditto 4-15 GI 4:21 Phila- 4:25 Inspr Newport News 5:2 Norf 5:5 Phila 5:6 Inspr Newport News- 7:2 Inspr Union 8:5 Key West 8:11 Inspr Newport News 10:10 Norfolk 11-8	
411225	4-16	To Westinghouse Co.	Confirms verbal agreement with Mr. Adams Fwds prints of std test specimen for determination of machining qualities of laminated insulation material, advises re flash-over voltage test. W Westinghouse E & M Co-fwds prints of research div. W 4:19	

INSULATORS.

Number.	Date.	From or To—	Subject.	
393308	2-10	To Comdt Phila.	Rqst be supplied with 1 vandyke of drawing Supports RI 61AA 113B- Rqst #1204. W	
355995	10/8	To Wash.	Washington-Submits report of test of insul. sub by Genl Insul Co. 1/15	898
393989	2;17	RA ✓	Asks if bureau disapproves placing order with Dubb Cond Co for mica condensers. To 3-1- advises re future orders 2-28	
396138	2;18	Phila	Req delivery of antenna insulator be expedited.	
39757	3-4	Electrose Mfg Co Elec Mfg Co-3;20 To NY Tel 9/2 N Y 9-8 Comparative test of insulator RT 611 313-B and Electrose #160.	Electrose disc type strain insulators- Fwds memo of test made at N Y and rqst permission to furnish insulators of this new design - W To NY- provided figures correct authorized to Electrose Mfg Co 3-18	
398659	3-11	To Locke Insulator Co	Approves rqst re purchase of one wireless head set from Western Elec Co.	

11. 15

INSULATORS:

Number.	Date.	From or To—	Subject.	
402099	3:6	MI	Req drawings porcelain insul devel for high power station. To Mare la- fwas prints 3-21	
400888	3-12	To HY Tel	For Supply Officer period Bakelite material Washington Y and reqat three two eight one and three two three eight avg overdue and urgently required com a seriously handicapp work most important report status W NY-tel-Gives req number. W 3:14 To New York 3-17 tel snap made	
384761	3-17	SEE CARD #32	To Pittsb 3-17 Inspr Pitts-Asks if shall fwd via Mare Island. W 3:27 Fwd Inspr Pitts 4-1	
402514	3-17	To S & A	Correction of requisition. W Fwd S & R 3-17 correction of requisition	W
405443	3:25	Pg Sd Tel	Req immediate express ship of electros insul. cannot secure material from NY. To P.34- Tel 3-29	W
405335	3-26	To H.W. Johns-Manville Co	Reqat supply us with approximately 10 sq feet of each grade asbestos lumber forms, re test on sheet insulations, also resist copies of data sheets or reports from Elec testing Lab or Bu Standards John Mansville Co. 4:1 To- will test such molded material as wish to submit 4-16 Johns-Manville Co- Will fwd sample of asbestos wood. W 4:19 To JM Co ship not recd 6-5	
		~~Arms Engg Co- Re comments 5:13~~ Johns-Manville Co-Fwds sample of asbestos wood and J P condensite W 5:13 J-M Co-lists equip being sent to Wash for test. W 5:14 J M Co-Asks if asbestos wood recd 5:21 J. M. Co 6:6 J M Co-Asks if located. 6:16		

1919

INSULATORS:

Number.	Date.	From or To -	Subject.
385867	1:15	Electros Mfg Co	Are fwd sample of insulator material to Crocker Wheeler Co. W
385876	1:18	To 12th Naval Dist	Fwd prints showing type of antenna insulators now used.
387219	1:19	Atl Fleet	Sub report on operation of radio tel insul. W
389058	1:19	MI	Req vandykes of insulators. W To L is- Fwd drawing moulded composition insulator 1-29
390379	1:28	Phila	Conf tel conv in con with sup of insulators from New York. S&A-Copy of endorsement to NY directing take care of sets of Phila Yrd. 2;3

1919

Number.	Date.	From or To.	Subject.
390357	1:25	2nd Dist	Req authority to return insul to New York, which cannot be used. To 2nd Dist-Auth 1-1.
389369	1-30	To S.A.	Asks that action be taken to supply monthly shipments of discose & str in insulators
391901	2-6 To Chil Locke insul.	To Lock Insulator Co Insulator Co 3-17 Co-Fwds prints showing 3:18	Request info on any developed insulator believe would be applicable, dimensions as listed- W To Ohio Insulator Co ditto 2-6 Locke Ins Co-Fwds prints. 2:11 To Lock Insulator Co. 3-15 request a notify bureau of any developed insulator that would apply.
391116	2-4	To Mgr, NY	Asks info fwd rel revision of stock insulator list- To N.Y.- Request fwds vandykes be fwd 3-31 NY-Submits reasons why insulator should be made obsolete. 5:12 to NY- ask info reply letter 3-29 5-13 NY 5:16
393625	2-8 To 8th Dist tors 2-13, 2/14	8th Dist Ship insula- tors 2-13, 2/14	Sub report of necessity of insulator to be carried in stock for use of radio instal on vessels. W Fwd S&A 2/12 8th Dist-Req NY ship insulator. 2:15
393300	2-10	To Comdt 13th Dist.	Antenna insulators for High Power Stations. Tensile strength of these units has been reduced from 10,000 lbs to 6,000 lbs as they are being fitted with aluminum instead of steel. W

Number.	Date.	From or To—	Subject.
✓ 178513	11/21	Simon & Co	Re: ... of ...
✓ 178514	11/22	Simon & Co	Re: ...
✓ 366486	SEE CARD 30-31		To E. J. Simon - Fwds copies of corresp to Electose Conf Co re re-design of insulator support W
✓ 324671	8/6	To J. L. Cory	States that Lowenstein will not deliver in- sulators until 8/21 W
✓ 324672	8/22		Re: ...

Number.	Date.	From or To-	Subject.
363712	SEE CARD 31	To MI- u on receipt of further info will take action 3-28	Second Dist 1:1 Ports-Insulator report 1:7 Insp'r MYS - 4:17 MI- Insulator report 1:3 Insp'r FR-Submits report 1:10 Charleston 1:29 Portsmouth-Insulator report 2:1 To Insp'r Machy- asks monthly report showing quantity of certain type insulators on hand 1-3 2nd Dist - 2:1 Boston - 2:4 Insp'r FR- 3:17 Charleston - 2:5 Pg Sd - 2:3 None-Lists insulators on hand. W To Comit 8th Dist. Feds one vandyke of each of drawings listed - 2/8 Insp'r Newport News- Insp'r Bath - 2:10 Dist insul on hand. 3:31 -S&A Class 1901 canceled. Pg Sd 4:5 Insp'r Union 2:7 Insp'r Union 4:5 Beth S B Corp-Req have Electros Mfg Co make immediate shipment. 2:12 Req change in location of insulator on 2kw trans. W
364025	1:9	Lowenstein Radio Co	
364761	1:14	Insp'r Pitts	Copy of let to Akron directing arrange for inspection of insulators.
SEE CARD 34	1:30	To Insp'r Pittsburgh- Asks that Gov B/L be furnished on above ship	Insp'r Pitts- (T) Asks Govt Bill loading for shipments of insulators manf by Ohio Brass Co- Needed at Annapolis-Asks status 1:13 T to Insp'r Pitts- info reqst 3-10 Feds Invoice of Electros Mfg Co cov moulds and protection of cov and terminal brd. WH
365796	1:15	Washington	

4. 351

INITIAL OK:

Number.	Date.	From or To	Subject.
373020	12:4	Dublier Cond Co	Adv. copy of let from Bath in con with payment of account. For further expense payment covering conditions.
373027	12:4	Ed Del Co	Adv. prints showing outline of duck insulator developed by Company.
373079	12:4	Dublier Cond Co	Req. Adv. final prints for E. low protective device. Dublier Cond Co-Sub Infor retest. 12:13:18
373578	12:6	Electros Mfg Co	Adv. copy of let from Bath S. E. Co adv. copy of let from Bath S. E. Co is being up on with 12-12 of. To—, comments re above, 12-12 of. To—, Info reqtd not recd from Bath 12-23
363712 fr. cd 29	12/7 To	Inspr. Union ports 1/6/21	Insulator Report. To Inspr Bath- additional quantity of radio insulators on hand be applied to destroys 133-4 1-4 9th dist. 2-4
366466	12/18	See Card 30	Feds copy of letter from Electrose Co and drawing indicating necessary alterations that should be made to insulator. To Inspr Bath 12:18

Number.	Date.	From or To—	Subject.
✓ 365042	1-4 11-6	To: El Steel To Electroq Mfg Co	Co. - ... National Elec Sup Co 11:55 to Phila. Inats. that th... insulator be su... Co. 1/5 Phila- 2:1 This inform re fulfillment of Navy Orders W to Western Elec Co re production of insulators 11-6 Electroq Mfg Co 11:18 To: No objection to filling Weston Elec order for insulators. 12-2
✓ 366486	11:5 11/4	See Card 31 -52 To Electro Insulator Co-Describes insulator giving trouble-backs present status of redesign 12-2 Western Elec Co-no rec from tr Assnitter 11/12 Allen to ... 12:6 New Brunswick	Insulator for Duplier Condenser, on assign- ment. of 1 kv radio broken in assignment. re electrical app. transmitt. condenser on tr Assnitter 11/12 Simon Co 11:35 No test due to short time increase in weight or strength due to short circuit 11/12 all 375
365614	11-7	To S&A	Rqst shippt radio apparatus NY to Wash W

INVOICE:

Number,	Date.	From or To--	Subject.	
357400	10/29	To NY	RE Bu lot of 10/14- item 144 is a split procelain ins. of having two groves to take 10 to 14 wires.	518
369850	11:15	Electros Mfg Co emergency transmitter authorized Electros Mfg Co 1:17 1-15	Ends copy from Electros Mfg Co stating Bureau will not consider use of mold spokes, test not conducted on. To-- comments on above 11-21 To Wireless Specialty in re above 11-21 American R R Corp. - Asks if have authority to use mold spokes and spokes W To Am Radio and Research Corp. Use of Elceatorose spoke and hub under existing schedules for an	
370737	11:18	Charleston	Reg radio vandykes To Chasn, fws vandykes 11-23 Charleston-Radio Co. li t rec lved. W	11:29
370887	11:18	Washington Yard	Bulkhead insulator, fws report on breakdown test. W	
370889	11:18	Pg Sd	Fws list showing exact numbers of insulators on hand W	
369743	11-21	To Federal Teleg Co	Re test of sample insulator, rqst info W	
370069	11-20	To Norf (T)	Radio insulator shipped by NY today W	

Number.	Date.	From or To—	Subject.
✓ 363492	10:28	Lowenstein Co	Comments on rec in con with boring holes on insulators used on 2 kw antenna switches. W
363711	10-31	To NY	Electrose Mfg gives deliveries as listed on insulators W
363712	11-1	To Beth- CARD 31	SEE CARD 35
To Chas	(T) insulators ship 11-10		Asks No of Electrose insulators FR and Union will required up to Jan 1st W
to ed	inspr. on hand. 11:20		To ins. ra. Comd. S. Yds. Rost report on stock of radio insulators for Antenna Const 11-6
31	insulators on hand. 11:20		To Coms. S. Yds. on list of insulators in stock. 11-11 Charleston - 11:12
To Naval Stations & Insps. (T) im-			Marshall - 11:12
Stock radio insulators, 11-26			Marshall - 11:12
364564	10:31	NY	End Dist-list insulators on hand. 11:12
			Ends report on list of Locke insulator W
✓ 365042	11:1	Electros Mfg Co	West Elec Co req quotations cov insulators. Leave sub quotations. W
			To M 15- if not instock regtn should be made on NY Yd for above 11-30
			Electros Mfg Co 11:10
✓ 365503	11:4	Genl Insulator Co	Dublier Cond Co req approval for use of insulator material for antenna wire on coast. W
Genl Ins Co - 11:4			To Gen'l Insulate Co (T) insulating mat. 11-7
action. W 11:8			to be employed in high 11-7
			To comments on above 11-15
✓ 365504	11:4	Lowenstein Co	Electros Mfg Co 11:12
drawings. 12:21			To Lowenstein. Re difficulty due to inserts in insulators for switches 12/3

INSULATORS:

Number.	Date.	From or To—	Subject.
308537 NY Oct. 16 CARD 29 353894	9:9 shipment can be made 10-14 insulators will be for- warded at once to Lare Island To (T) Norfolk- In re to shipment of insulators- 10-18 NY Oct. 18 9/21	Shipment order fwd insulators will be for- warded at once to Lare Island In re to shipment of insulators- 10-18 American Salvage Co	Received back 9:26 SAA - 9:28 To Norfolk- In re to shipment of insulators- 10-18 NY Oct. 18 Fwds samples of herculate made by Herculate Co in connection with making insulating material for Department - request tests of To----- will authorized tests of their materials
354273	9:30	Boston	Req drawings be furnished/ W
354808	9:25	American Salvage Co	Req action on letter of 21st.
354808	10/4	To Phila 10/11	To SE. corrected sheets be fwd. on 10/11 NY Oct. 8 Fwds material sheets
354875	10/5	To Boston	Encl. sent of of wire & full trans. W
357218	10-11	To Phila	Rest corrected sheets be fwd re insulators electrode, W Phila- Fwds inventory. 10:21

911 Insulators

Number.	Date.	From or To—	Subject.
358305	10-11	To Phila	Best report of insulators electrosta. W Phila- Bwls inventory. 10:21
358307	10-11	To Continental Fibre National Elec. Co. Oct. 22 International Radio Tel Co 10:25 Cont Fibre Co- from log which has been ex- checked not due to material. 10:28 Wireless Improvement Co- Rec use of fiber. 10:28	Best inform re quality of your XX grade bakelite direct to W. Lincoln Co- Cont. on table with. 10:21 To Natl Elec Supply Co- Repts matter of insulator quality of above reviewed and report submitted 10-15. Cont- Bwls on 11:11 11:5 Continental Fiber Co. Oct. 14 detail comments letter to Continental Fiber Co/ in connection with expedite delivery insulators RV Class 3912350 and 251 demand for these insulators rapidly increasing Lowenstein Radio Co. Oct/ 18 Submits report
358990	10-16	To NY (T)	
358994	10-17	To Wash	Ends drawing and samples of revised electrostatic shield bulkhead insulators 6037 Repts test Back from Washington with reports 11:21
359366	10/17	Ohio Insul. Co/	Telegram - request Bureau authorize American Wire & Box Co. to deliver necessary tin foil for tail of wireless towers War Industries Bd- Authorizes above-10-18 War Industries Board Oct. 21 To War Indus Bd- App prompt action in release of 200 feet of Tin Foil 10-24

4-3351

INSULATORS:

Number.	Date.	From or To—	Subject.
308537	9/8	NY OVER & GARD 28	Will have contracts expedited.
344493	9/8	To Ohio Brass Co. (T)	To Phila. Asks if have 10 insulators to spare for Chasn. 9/9. To Phila. Same. 9/9 To SEA Re. ts. shipt. of radio material from Phila. to Chasn. for Merchant vessels. 9/9 Request your representative call at B. at earliest convenience. W Ohio Brass Co-Tel- Mr. White will be in Washington Monday 9/9 9:6 New York - None available. 9/13
✓ 547847	9/14	To Ohio Insulator Co.	Rept. report by Dr. Austin & comp. insulators. W.
308537		See Above	To SEA Asks for imed. shipt. of insulators. 9/16
✓ 348747	9:17	Electros Mfg Co	Tel: Schedules of shipment: W To SEA Asks for probable del. dates for next 2 weeks. 9/17 To SEA Will expect del. insulators outlined in yr. tel 17th. 9/18
✓ 350731	9:18	Electros Mfg Co	SEA's com to SEA in connection with ship of insulators to Phil. re cont cov. To SEA States insulators to be purchased under annual contr. 9/24

TELEGRAMS:

Number.	Date.	From or To—	Subject.
332704	7:31	New York	Fwds report of arc insulation converter.
333575	8:2	Lowenstein Radio Co	Rec'd all drawings of socket insulation be marked with socket number in order to identify w to call for same.
333538	8:2	New York	Fwds radio vandykes covering insulation.
333537		To Ohio B.Co. Recs. to expedite compl. of insulators. 9/7	To Lapp Insulating Co. - Submit quotation 8:3 J H Parker Sons - 8:5 Lowenstein Radio Co. Balance of sets ready on Sept 15th W 8:8
335532	8:6	Shipping Board	Asks if necessary to insulate the strip of copper connecting outside plate and through board with radio room. Write my opinion to the Shipping Board. 8/14
333254	8/7	To SGA	Shipping Board 8:21 Re: ship of insulators from NY to Bermuda for for Sen Officer present

INSULATORS.

Number.	Date.	From or To—	Subject.
✓ 336541	8:12	H. A. White	Re: Request fwd 30 kw set for test which will enable company to more clearly determine requirements for insulator. W
337312	8:13	Phila	Confirms tel conversation in which bureau asks if Yard has any insulators on hand for shipment to Newport News.
339207	8:10	Radio Lab	Re: Request for 30 kw set for test which will enable company to more clearly determine requirements for insulator. W
339774	8:16 8:20	Weldan Mfg Co S&A	Insulator sent to radio lab. Phila on 8:14 re: set instr. as to manner of handling in connection with payment. W. Pwd S&A 9/17
33013	8/22	Boston	New insulator being supplied with all sets 629

TO CARD

#44

To Ohio Insulator Co- In re repair

to 10 line coil supports for 30

#44 Ohio Insulator Co- Advise if have

finished with apparatus 1-9

Electrode Mfg Co 7:19

Ohio Brass Co- Quotes prices 9:6

Ohio Brass Company 8:20

To Phila. States that test are being conducted

on samples of insulators. 8/30

with quotations from Boston together

To 1st Dist. Re referring all orders to NY. 9/3

Pwd S&A 9:23

8/27

on coils broken. 12:20

Electrode Mfg Co 7:19

Ohio Brass Company 8:20

To Phila. States that test are being conducted

on samples of insulators. 8/30

with quotations from Boston together

To 1st Dist. Re referring all orders to NY. 9/3

Insulator sent to radio lab. Phila on

8:14 re: set instr. as to manner of handling

in connection with payment. W. Pwd S&A 9/17

New insulator being supplied with all sets 629

Electrode Mfg Co 7:19

Ohio Brass Company 8:20

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in connection with payment. W. Pwd S&A 9/17

New insulator being supplied with all sets 629

DEPT. TOP: RADIO

Number.	Date.	From or To—	Subject.	
324765	7/13	To Coms. & Ind. Mers.	Gives instructions as to how & where obtain insulators & insulating material. W	
325118	7/13	To Lowenstein	Fwd. 1 blueprint of drawing showing insulator to be used in assembly of spark g.p. W	
326817	7:15	Electros Mfg Co	Fwds copy of test for 159 Electros disc type strain insulator. W To — Rm. nec. detail of insulator. 7/19 Electros Mfg Co. - Fwds prints showing electros are over strain insulator. W 7:20	
325124	7/16	To Empire China Wks.	Asks cost & dates of del. on manf. of 310 porcelain insulators. W To — Fwds. 1 blueprint copy of drawing showing por. el. in insulator. 7/17 Empire China Works - Have no equipment 7:20 Empire China Works - Fwds prints 7:23	
327872	7:14	New York	Fwds vandykes of various insulators. W	
327720	7:17	Phila	Recd drawings of insulator. W To — Fwds vandykes of drawing. 7/19 New York - Fwds vandykes. 7:27	
327624	8:5	Electros Mfg Co	Will fwd samples for approval 8:5 W To — Fwds to approve del. of insulators. 7/1	

INSULATORS: RADIO

[illegible]

INSULATORS: RADIO

Number.	Date.	From or To	Subject.	
308528	7/2	To NY (T)	Repts. reply to let. of May 22 re radio insulator. W Request action. WY-3 New York - Fwds report on supply of insulators. 9:21	
321917	7/2	To B. of Standards	Explains action of Bu. re testing samples of insulating material. W	
323411	7:3	Marconi Co	Electros Insulator Co fwds report of their inspection. W	
323091	7-6	t ^o NY	Repts. Vanduykes copy of abstract on deteriorating defects of porcelain.	876
323991	7:5	Electros Mfg Co.	Phila. Yard has sent out inquiry for insulators covered by annual contract. If same are purchased through a jobber price will be more than company asks. To— Thanks them for above let. 7/13	

INSULATORS: RADIO

Number.	Date.	From or To—	Subject.
324391	7:6	Second Dist	Report of accident on USS 338, recommends insulator be placed in order to avoid recurrence.
301125	7:24	See CARD 19 To Cont. P. Co. - Fwd. piece of asbestos wood Cont Rubber Co - 7:24	To Lowenstein. Reqts. to fwd. a piece of ebony asbestos wood of dimensions stated in let. Lowenstein Radio Co - Cannot furnish desired asbestos. 7:15 Low. - Fwd. a piece of ebony asbestos 7:16 To Lowenstein. Reqt. of piece of ebony asbestos wood. 7:20
325806	7:11	New York	Improved type electros safety strainer insulator, fws photo and reports on test of. W To NY. Advise use of safety strain insul- tor 7:15. 7/19
325952	7:10	Electros Mfg Co.	Fws invoice from Doebler Casting Co covering cost of changes made to disks. W To NY. Re. rd. that requir. be forwarded to cover cost of changes to the disk. 7:10
326255	7:13	Ohio Brass Co	Supplies of antenna insulators will be available within the next few days, request drawings of shield. W
326229	7:13	Ohio Brass Co	Sub report of status of production of porcelain rods for insulators, comments in connection with test of. W
324763	7/12	To Ohio Brass Co.	Fwd. I blue print copy of drawing showing insulator with electrostatic shield. W
	7/15	To - Arks to - Fwd. 1st. of insulator.	Ohio Brass Co 7:15

4 381

Number.	Date.	From or To -	Subject.
✓ 319735	6;21	F Lowenstein	Corrects markings of drawings fwd. W to NY Repts. change in drawing of insulators. 6/27 New York - Has prints 7;17
✓ 319439	6/25	To Electrose Mfg. Co.	Asks if equiped for manf. of elec. insulators. W To NY Asks # of insulators in stock. 6/25 Electros Mfg Co. 6;26 received back 8;13
320636	6;25	Electros Mfg Co.	Fwds result of test made at N Y yard of their 160 arc strainer insulator. W To NY. Quotes & comments on above letter. 6/26 New York - Contractor will fwd additional samples for further test. W 7;8
320635	6;25	Electros Mfg Co.	Fwds photographs of U S war ship. W
321249	6;26	Ohio Brass Co	Antennae insulator, reports on status of their experiments. W
✓ 321488	7/1	To Mare Is. ✓	Calls attention to wrong numbering of drawings. W

Number.	Date.	From or To--	Subject.
✓			Doehler Die Casting Co-rast dwgs showg parts, W NY - Fwds vandykes. 6-14 8/8
✓		Shipment Order back 1;4	TO SAA-Rqst ~~shipment from NY to~~ CANCEL also ye shipment--6-7 To Quincy. Gives list of radio equipt. to be supplied by Govt. 6/28 Radio Tel- safety strain insulator RY 61AA 318A- comment on- W To Electrode Mfg Co- in re to insulator alterations of- Det comment on-6-8 To NY- Rqst expedite changes in design- 6-8 Electrode Mfg Co. 6:20 column insulator RY 61AA 348B- fwds drawing- Det comment on- W
308033	6-6	To NY	
311977	6-7	To NY	
313878	6-7	To NY	Radio Tel- insulators- vandykes plans of- Rqst furnished with listed parts- W NY - Fwds vandykes. W 6-14
313656	6/7	To Yards and Ind Mfrs	Ves els of ship Bd-radio equipment of- In re use of electrose insulators- Rqst wher necessary arrangements be made to use porcelain insulators instead. 771-2

911 INSULATORS: RADIO

1918

Number.	Date.	From or To—	Subject.
316880	6-14	Dubelier Condenser Co	Electrose Manufacturing Co have a new insulating material - Electrose Class A - ask if has been approved.
316880	6-14	Dubelier Condenser Co International Insulating Co. Electros Mfg Co. - Will submit test of Electros material 7:8 National Lead Co 7:8 To Nat. Lead Co. Ack. recd. of let. 6/19 6/18	Box of 51 boards are filling to test of insulating material manf. by Electrose Co. under name "Grade C" 7/2 To Dubelier Condenser Co. Re new grade of of insulating material manf. by Electrose Co. under name "Grade C" 7/2 To — If other manf's. employ molds, will consider purchase. 7/2 National Lead Co - Sub - sizes and prices. 7:29 Can Fr. White etton. 7/29 Insulator. W
318036	6-17	W W Ryerson & Co	Quotes price for tube insulators for spark transmitting apparatus. W To — in event of further demand for above will communicate. 6/26 W W Ryerson & Co 6:26 W
318037	6-17	Formica Insulation Co	Formica - fwsd detailed report by Bureau Standards. W

INSULATORS: RADIO

Number.	Date.	From or To--	Subject.
✓ 309449	7	G H Clarke	Submits comparative bid for Lock Insulator Company, and Electros Mfg. Co. covering insulators. W
307057	5/16	To NY	Re "Radio Telegraph Tests of insulating material. To H.W. Johns-Manville Co.-Reqs list of stock sizes of panels for switchboards 5/16. J-M Co-Can make prompt shipment of asbestos wood. 5/20 672
✓ 308536	5-23	To Cdt Phila	Has reqtd Dept to approve installn of additional auxiliary antenna trunk on vessels as listed. Asks that steps be taken to secure stock of electros entering insulators- asks to be informed of action taken. To Woff ditto 5-23. To NY ditto 5-23.
✓ 308537	5-23	To Phila	Insulators required for new auxiliary antenna trunk on battleships- Rvds specns- 6-7. Radio Tel- Insulators to be carried in stock for destroyers and merchant ships- gives list of- St Lakes - lists insulators ordered by- St Lakes - 5/23 - W. Re West - 5/31 - W. Contr of 36458 - construction of 17 sets of auxiliary power equipment for dirigibles-7
✓ 309273	5-24	To Inspcr Cincln	Re "Radio Telegraph Tests of insulating material. To H.W. Johns-Manville Co.-Reqs list of stock sizes of panels for switchboards 5/16. J-M Co-Can make prompt shipment of asbestos wood. 5/20 672

Electros Eng Co/ 6:6 Will rec use of blades.

INSULATORS: RADIO

Number.	Date.	From or To--	Subject.
✓ 306035	5-13	Mr./Alfred J./Steinberger	Giving information re extracts from report of tests of insulating material for radio applications, W
✓ 306800	5-15	To Internat'l Radio Tel.	Fwdg vandyke copies of dwgs for insulators W
✓ 306044	5-14	To Manhattan Elec Sup. ly.	Grade "C" formula is app. for use in construction cone testers--W
306927	5-17	To (T) N Y	re thirty three insulators, W New York 5:23 W
7 308033	5:17	New York	Fwds vandykes of safety strain insulators. To NY-- in re above--5-21

INSULATORS: RAD ID

Number.	Date.	From or To-	Subject.
306932	5-20	To S&A	Reats shipmt from NY to G Lakes for Merchant ships- Insulators W
296277	5-22	SEE CARD 18	To Brook- Fwds letters from Beth Ship and Electroose Manf Co- reats that matter be taken up with latter Co and obtain definite statement as to just how the situation stands- method of inspection as outlined satisfactory 5-22
308528	5-22	To NY.	Gives list of insulators to be ordered and carried in stock for issue to yds and contractors installing apparatus on merchant vessels for next year - comments desired as to best method of handling W-4 To N Y- Bur rst make review of number of insulators as listed- 2/19 To NY- lists requirements for yds 3-10 New York-Status report 4:12
304655	5:21	Adams Morgan Co.	Insulator supplied to bureau rep. W
311977	5-28	NY	Fwds prints showing latest alteration to column insulator A.

INSULATORS: RADIO.

Number.	Date.	From or To—	Subject.	
300529	4-22	Gen Insulate Company	Fwds copy of letter to NY, relative to their insulating material in connection with radio work. To General Insulate Co-Rqst copies and t sts	
299103	4/18	Grt Lakes T	Possible to secure bulkhead insulators this district. W	854
259239	4-24	To Klamon Co	Fwds duplicate copies of Dept Spec 40B-12-A and 33-R-1-B and list of insulating materials apprvd	
301135	4-27	To Continental Fibre Co - 5/22	Rqst to be informed as to possibilities of bakelite substitute - Continental Fibre Co - Submits quotation on bakelite for switchboard construction. 5-2 Cont. Fibre Company 6:24 To - Continental Fibre Co - 5-10	
STE CARD 24 301132	4-27	Continental Fibre Co 5/5 To NY	Info has been received from U.S.J.P.E.E. that tests been completed on wooden strain insulators - comment on--	
303581	5/3	Bureau of Standards	Fwds preliminary report on property of insulating materials of the phenol formaldehyde type. W	

INSULATORS: RADIO

911

Number.	Date.	From or To—	Subject.
✓ 302816	5-3	To Electrose Mfg Co	Rest inform Bu average weight per cubic inch of electrose—W Electros Mfg Co. 5:17
✓ 304275	5-7	To Manhattan Elec Supply Co.	Advised that grade "H" formica been approved for use in construction of radio apparatus—W
✓ 305899	5/8	Electrose Mfg Co	Fwds bps snowin sp and new type of insltors for use in conn w masts for wireless operation— detailed comments on. W Electros Mfg Co. fwds copy of letter of 5:8 W 5:13 Fwd Insp'r Chi Ship 5-23 To — Not considered advisable to consider further a special molded insulator for masts 5-27
305124	5:13	Ninth District	TEL. Repts forward supplies of insulators. W To (T) Art Lakes— Antenna installed on p 3d ship by Art Lakes practically all break up due to melting insulators stop care must be exercised when insulators are installed in masts stop—All Art Lakes installations p 3d 5:13 before re-cnc Montreal — 5:13 see proper insulators would To (T) — Electrose insulators for 20 trawlers Bu be informed as ultimate decision in re above—5:11
295277	5-11	See Card 18	
	5:17	New York	Electros Co. have not received order for insulator from Beth. Shipbuilding Co. W

INSULATORS:RADIO

Number.	Date.	From or To—	Subject.
292145	3/23	NY	Moulded composition hub-fwds prints.W
291703	3/23	To C&R	Drawing of disk strain insulator. Fwds. W To—Fwds drawings showing.4/4
280043	none	CARD118	My Fwds vandykes of two insulators
296777	4-8	Electrose Mfg Co	States have quantity of insulators on hand
SEE CARD	Beth Co.	ask if Bn will supply	for Beth Shipbag Corp. ready for inspec-
20	insulators with radio installa'n	tion. W	See Card 19
	on destroyers. 4-24	To Beth Co.—Reqt information re insulators	
	To NY—In re above—5-4	ordered.4/18 NY—Rqsts in re type of "5/8.	
296743	4/8	NY	insulators on destroyers as listed-5-4 insulator-fwds drawings.W
296128	4/10	To C&R	Insulators on kite balloons. Instrms re installations. W To C&R 8:24
297417	4-11	NY	Safety strain insulator - forwards print.W

INSULATORS: RADIC.

Number.	Date.	From or To—	Subject.
297805	4-12	NY	Forwards drawings of insulators. W
299033	4/15	Boston <u>void</u>	Reports changed
299035	4/15	Johns-Manville Co	Synthetic moulded insulating compound-reports leaving samples at the testing laboratory and request be tested.W
299036	4/15	Johns-Manville	Reports leaving sample of mica insulation special E insulation with testing laboratory and request be tested.W To J.M. Co. Cannot test at this time. make effort to better deliveries-5-14
299346	4-18	NY	Moulded composition entry insulator - for- wards vandyke showing proposed re-moulding to prevent leakage, and for easier instal- lation. W To NY in re above-accurate must be had as to cost of change of mould-Info from Electrosta- tic Co. 4-22
299926	4/20	NY	Entering insulator-fwds Vandyke.W
300343	4-21	USS P. PENNSYLVANIA	Test of new design insulator - forwards re- port. W

INSULATORS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 279626	2/8	To Ohio Brass Co	Fwds blue print giving detail and specs for porcelain rods used in antenna insulators. Reqt info re price, delivery, etc. W
		Ohio Brass Co	Ohio Brass Co 2/3 - W
		Ohio Brass Co	Ohio Brass Co 2/14
		To	To 3/4
✓ 280536	2/11	To Formica Insulator Co	Ohio Brass Co 3/6
		Formica Co--Fwds printed matter 5/8	Re testing insulator material at NY. Procedure for tests. Comments on previous tests. W
		To Firms--Instrns re use of Formica	To NY--Reqt submit report. 2/11
		auth. 3/19	To NY--Reqt reply. 3/6
		To Wash--Tests of formica not completed 4/2	Formica Co--Forwards sample of Formica. No date!
		to New York Concurring Reconn. W 5/13	
282068	2-16	Cavite R	Reports receipt of 10 insulators not required. W
			To--Directs place in storehouse. 2/19
✓ 282548	2/16	NY	Moulded composition insulators with die cast inserts - recommends be reqd on future orders. W
			To--Bu will have manufd. 2/21
282908	2-17	To NY--3/14	
		NY	Bakelite sliding parts - reports defect due to leak. W
		To--vs rec 3/5	To Marconi Co--Instrns re future contrs. 3/1
		To Firms--Instrns re future contrs. 3/1	To Firms--Bakelite repair with instrns. 3/5
✓ 283718	2/11	Nav Consulting Bd	Copy of letter to Locke Insulator Co stating have print and negative showing insulator.
✓ 284331	2/23	Continental Fiber Co	Will be able to furnish bakelite in sheets 44x36 in three or four weeks.
			To--Acknowledges. 2/26

INSULATORS: RADIO.

Number.	Date.	From or To—	Subject.
285999	2-28	Boston Yard	States Grade XX Bakelite director equally suitable for use with receiving & transmitting circuits. W To Firms—Submits above rec. 3/6
286001	3-1	Quitting & Washington	Asks if formica is approved material. W Fwd NY—3/6 To—Gives action re use of formica. 3/19
286567	3-4	NY	Radio insulators - fws plans. W To—Approve change 3/20 NY—fws insulator prints. W 4-3
286667	3/4	Wireless Spec Co.	Insulator drawings for 5 kw set—rect. W To—Fws Vandykes. 3/8
288949	3/12	Formica Co	Request instrns rel to furnishing their material to Adams Morgan Co. To—3/19 Formica Co—5-20
288302	3/14	To Electroase Insulator Co	Ask if insulator 164 is being manufd and purchased by Navy. W To Yards—Directs use insulator 313 on all Navy orders or installa for time being. 3/22 NY—fws Vandykes 4/20.
288956	3-15	NY—fws print of insulators. 4/17	Insulators - forwarding prints. W To NY—Rect further information. 3/21 To NY—4/5
NY—fws	prints of insulators. W 5-7		

INSULATORS; RADIO.

Number.	Date.	From or To--	Subject.
✓ 278016	1-25 ~~1-29~~	Condensite Co ~~NY~~	Radial insulations - request reports of test results, made on Condensite. W To NY--Reqd report of tests. 4/3 NY 4-20
✓ 277760	1/31	To R. Thomas & Sons Co	Reqd catalog giving prices and particulars of high voltage strain insulators. W R. Thomas & Sons--fwd's prints. 2/13
✓ 277950	2/1	To Pitts High Voltage	Ins Co--Reqd catalog giving prices and particulars of high voltage strain insulators. W
278484	1/30	Dayton Engrng Lab <u>VOID</u>	Delco Ignition System--for air stations--request complete list of stations in connection with making up list of spares required by. DA
✓ 278482	1/30	Locke Insulator Co	Quotes price on porcelain tube insulators. W
✓ 278745	2/2	General Insulate Co	Fwd's copy of letter to NY quoting on insulating material. W
✓ 280443	2/7	NY	Submarine insulator--quotes from Electro Mfg Co recommending changes in. W To Electorse Insulator Co--Fwd's Vandylke of submarine insulator. 2/15 To NY--1/1
280439	2/8	NY Bakelite and dialecto	tubing--recommends no paper tubing be used future--canvas tubing only. W To NY--Approvs recommendation. 2/23 TO SEA--Amendment to contract of Continental Fibre Co-4-30

INSULATORS: RADIO.

Number.	Date.	From or To—	Subject.
249295	9/13	NY	Tube insulator for 1 kw transmitter inductance coil; fws vandykes.W
249506	9/16	NY	Moulded composition insulator; fws prints.W
253045	10/3	Lakes Insulator Co	Insulator; fws vandyke giving description of.W To--Vandyke not received. 11/2 Locke Insulator Co--states insulator 3221 print covering was rwded in reply to letter of Nov.2.W
253870	10/8	NY	Insulators; fws vandykes.W To--Disappears drawing with comment. 11/10 NY 11/23
25412 0	10/9	Ports	Asks if electrose or porcelain insulators are to be considered as standard, in connection with arc radio apparatus.W To Ports--Fws drawings. 10/13
255271	10/17	Electrose Mfg Co	Insulators, brass parts to be imbedded in; fws prints and quotations from the Doehler Co and request comment.W
257296	10/26	NY Elec Mfg Co--12/12.W NY--Insulators fws Vandykes. 1/14	Moulded composition insulators; fws vandykes.W To Electrose Insulator Co--Send copy of above letter, and directs supply complete insulators with brass inserts. 12/11 To NY--Give drawings as listed with model. 12/11

INSULATORS: RADIO. 911

Number.	Date.	From or To—	Subject.	
257800	11/2	To Yards	Bulkhead insul tor for radio set. Appvs electrose insulator for, with detailed comments on. W	
258327	11/2	NY	Die casting inserts for insulators: fwds vandykes-W	
258464	10/29	Locke Insulator Mfg Co	Fwds prints of insulators-W	
258978	10-12	Ports	Insulators for radio apparatus - Ports plans, if followed, special type of insulator will be necessary - recommends standard - W	585-6
260470	11/12	NY	Moulded composition insulators, fwds Vandykes-W To—Assigns type numbers, 11/21 NY fwds prints 12-3	
263260	11/28	To NY	Vandykes of insulator drawings reqtd. W NY fwds vandykes 12-8	
215381	5-14	W Is	Are forwarding Insulator drawings.	876
266578	12/13	To Bost	Reqd Vandykes of latest revision of drawing showing molded composition insulator. W Bost 12-22	
267605	12-15	NY	Moulded composition protective knob type, fwds vandyke.D	

INSULATOR. RADIO.

217

Number	Date	From or To--	Subject
✓ 235509	6/26	To <u>Locke</u> Insulator Co	Rept drawings of insulator #3221, connection 3225, together with photographs. W Co fws prints 6/28
✓ 236710	6/29	Pug Sd	Strain insulator with rain and electro-static shields; fws vandyke. W
✓ 238097	7/12	To Major Henri <u>Abraham</u>	Fws photo of safety insulators made by Locke Co. W
✓ 238270	6/29 6/11 8/2	To--Acknowledges. 8/10 Electrose Mfg Co S&A Fwd Nav Com--7/21 Co 8/2	States have order from Atlantic Communication Co for insulators; request instructions in the matter. W To Nav Com--7/21 To--8/21
✓ 238404	7/12	NY	Fws 54 vandykes of insulators. W
✓ 238597	7/13	NY	Insulator drawings; fws. W NY prints were forwarded July 13th 7/18
✓ 239552	7/18	NY	Tube insulators; fws drawings. W
		NY fws prints 9/1	To--Comments on in detail. 7/26 NY fws radio drawings 8/17
239705	7/19	Ohio Brass Co	To NY--Rept blueprints of alterations. 8/27 Have forwarded catalogs covering insulators. W

INSULATORS: RADIO. 911

Number.	Date.	From or To	Subject.	
224332	To GE Co 9/26	CARD 13	GE Co protests against furnishing of vandykes unless at increased cost 7/23	
	To GE Co--Suggests reopen development of pleiotron transmitter, 8/21		To NY--7/25	
	GE Co request approval of AA size vandykes 8/27	NY 5/7-submits report on test of wooden insulators.	To GE Co--Reqt status. 7/30	
	GE Co 8/28		To GE Co--8/2	
	GE Co 9/6		GE Co reports on difficulties in making up set. 8/13	
242500	7-27	CO. [unclear]	Set with to install rattail insulators; present Electro-se insulators break down in wet weather.	471-6
✓ 241286	7/30	NY	Fwds prints of guard for antenna lead for 2 kw set. W	
✓ 241347	7/29	NY	Fwds prints of moulded composition insulated. W	
			To--Appts 8/15	
			NY fws prints 9/1	
✓ 241864	8/1	Electrose Mfg Co	Fwds schedule of unfilled orders; request Bureau's comment as to which is most urgent. W	
			To--8/4	
			Co 8/13	
✓ 244035	8/10	F. Lowenstein	Fwds print of a drill jig used for spoke insulators. W	
✓ 246670	8/31	To Electrose Mfg. Co	Returns duplicate set of insulator prints fwded. W	
248198	9/7	NY	Request instructions relative to assigning type numbers on small electrose moulded parts. W	
			To--9/27	

INSULATORS: RADIO.

911

Number.	Date.	From or To—	Subject.
✓ 227592	5/10	To Electrose Mfg. Co	Lists insulators which will be satis to Govt for Kern Commercial Company to supply for Spanish Mercantile Marine. Co 5/14
228020	5/12	To NY	Directs prepare reqn for 100 electrose insulators drawing RE51A109A and 50 drawing RE 61A111A.W NY order placed with Electrose MfgCo 6/12
229139	5/18	To F. Lowenstein F. Lowenstein To Firms--Givas action taken. 6/4 Electrose Mfg Co 6/6 Lowenstein quotes prices from Electrose Co. W 21 Fwd NY 2/25--88--3/16	Relative to Electrose Mfg Co furnishing all insulators at same price.W To Elec Insulator Mfg. Co--Fwds copy of letter sent to radio companies regarding purchase of Electrose insulators, with comment. 6/4
✓ 229743	5-20	NY	Reports on test of installing of Jeffry-De Witt Co and fws prints. W fwd Wash--9/20
✓ 224332		OVER To GE Co--Reqt Vandykes as listed. 7/17 NY criticism of print 7/18	Pug 3d wooden insulators and aluminum shields for Keyport; reports on test 5 21 To NY--Fwds blueprints for comment. 6/13 Will ask when insulators with aluminum shields will be received 7/19 Reports forwarding sample of strain insulator to Wash for test; request be held up; will forward special design.W
230850	5/28	Ohio Brass Co	
✓ 231944	6/2	NY	Fwds print of entering insulator for 2 kw submarine type.W
232809	3-29	SANDIEGO	Reports on type B insulator
✓ 233946	Phila	6/15	Request vandykes of insulator fittings.W To--Fwds. 6/20

830

191

INSULATORS: RADIO.

Number.	Date.	From or To—	Subject.
212530	1/26	To S&A	Reqt shipt of 6 electrose entering insulators from NY to M.Is. for stock. W To M.Is.--instrum. 1/26
213177	2/1	To NY	Reqt 20 Vandykes of NY 61AA 350B, Electrose Entering Insul-tor. W Bulkhead insulators for arc sets; fws vandykes 2/8
213187	1-22	CONF	Report of Bre k down of bulkhead cloth inserted rubber insulators used on arc sets. W Evd Phila--Sketch of for comment. 2/5 15 2-24 Phila papers will be returned Feb 19 2/16 d NY--Letters. 3-26
214354	22	M.Is	NY fws vandyke 3/22 Phila will install new entering insulator on COM; those ordered from NY not yet received 4/10 Porcelain strain insulators; request plans covering latest modifications Locke type. W To-- fws 2-21
214474	2-12	NY	Submits plan of submarine type insulators Proposed modification. W. Electrose Co explains prices quoted 2/24 To Electrose Co--Comments on 2/24 To-- fws mod to insulator. 2/24
215939	2-17	M.Is	Locke and Strain insulators; request latest vandykes. W. To--Fws Vandykes. 3/13
215959	2/26	To NY via C&R	Radio telegraph--Entering insulators for fleet submarines. fws plans, and directs prepare reqn for purchase of 25 each of. W C&R copy of endorsement forwardin plans to NY 3/3

INSULATORS: RADIO 911

Number.	Date.	From or To—	Subject.
215972	2/27	To Yards	Radio telegraph-Bulkhead insul torn for radio set. Adv electrose insul torn. W New Orleans request duplicate enclosure be forwarded; original not received 3/21 To New Ork via Comdt--Fwds vandyke. 2/26 Ports 10/12
217171	2-24	M. Is	Fwds b/p of insulators required on reqn 479.W.
217185	3-3	At Flt	1 MEMA reports on; breakdown in wet weather 4/10 Fwd Chaps--Ask if insulation instal ed 1-2 1/2 over rails with Lrc set. 1/4 At Flt comments 4-3 10 insulator satis 4/9
218529	3/16	NY	Fwd NY--1/1 RB 8/16 Fwd Y RK favorable report 4/10 states present radio insulators are unsatis in locations, were exposed to rain and spray. W To Atl Flt--Fwds drawing NY 61AA 35OE. Ask if insulators are now satis. 3/22 Insulator Electrode #6634, fws plan W (See 216098-130-6)
218893	3-19	NY	Radio insulators; recovered from MEMPHIS; have tested and found satis; request certain data relative to conditions when removed from vessel W. Fwd Atl Flt--3/22 RB 4-19 To--Gives information 4/21
219104	3/22	To Electrode Insulator Mfg Co.	Reqd drawing of insulator No 6854. W Co fws print of insulators 6854 and 6285; submits schedule of prices, printed mat- ter, etc 3/23
217385	4/13	PENNSYLVANIA 4/29	Re t h t of insulators for MEMPHIS 4/14 To MEMPHIS--insulator directs retail report on insulator submitted

INSULATORS: RADIO

Number.	Date.	From or To—	Subject.
209547	12/28	To M.Is. Pearl Harbor Cavite	Renewals for cage insulators for high power stations. Fwds drawing of renewal to be ordered in case of breakage. Have ordered 36 of them, 12 for each station. W
209583	12/28	To NY. M.Is. To SEA--Reqt shipt of Locke insulators from Darien to NY for disposition. 2/7 To Darien--insulators will be shipped to NY. 2/7 To NY--Gives action on. 2/7 Colon insulators referred to shipped to NY and Colon 2/27	Renewal parts for Locke Insulator. Fwds drawing of and directs prepare rein for a number of these parts for repairing insulators turned in from service. W Information re repairing insulators as M.Is request vandyke 1/24 Darien have no broken insulators Locke type 3221; have a number of Locke 437 at Colon 1/26 To M.Is.--Fwds note re 2/3 Leading in wire insulator recently installed in accordance with instructions has cracked. 821
210130	12/27	New Orleans	
210619	1-4	NY	Entering insulators, and water tight valve for radio installation on submarines; reports on test of. W (See 202573-590-5) To NY appva 2-21 NY fws vandykes 3/16
210997	1/2	M Is	L-6-7: delay in submitting plans and estimates for caused by shortage in draftsmen; also makes recommendation for entering insulators for these boats and F class 545-6
NY 643	1/10	To NY	Reqn for 1000 porcelain strain insulators for ship installations. Gives action on. WR To Locke Insulator Co--Fwds two prints of, and requests aid on, on NY reqn for 1000. WR

INSULATORS: RADIO 911

Number.	Date.	From or To—	Subject.
211286	1-9 1-11	Electroase Mfg Co Dept	Fwds printed matter and copies of negotiations with Mexican Govt or in shipping insulators for Mexican radio stations. To--(Sec 315) No objection. 2/2 Co states have refused order from Mexico for patriotic reasons 2/5
211318	1-10	NY	For submarines; recommendations in connection with the S-47 boats. To--Directs prepare reqn for 50 insulators. 1/26. NY requisition has been prepared and forwarded 2/17
211458	1/13 UTLH 2/12 = 925 1-13 NY 1-13 Reports on working of antenna insul with para 11 1-2-24	To NY USS MONTANA 3:6	Reqt one Vandyke and 30 White prints of "Instrns for care of antenna insulation for arc Transmitters", for distribution to such ships as have arc sets. W To Ships--Fwds copy of "Instrns for Care of Antenna insulation for arc transmitters". 2/1 STERILET 5/12
211767	1/17	To Jeffery-DeWitt Co	Instrns re submitting insulator for test at either NY or Wash. W To NY--instrns re test. 1/17 Co fwsd prints of their insulators; will forward samples to NY for test 1/20
211958	1-9	M.Is	Reqn 308: Fwds prints. W To--Gives action on. 1/25
212049	1-19	NY	For submarines; request drawings. W To--Fwds drawings. 1/22
Reqn 308	12/14	To M.Is.	Porcelain insulators. Reqt drawing be furnished before taking action on. WR

1916

INSULATORS: RADIO:

Number.	Date.	From or To—	Subject.	
✓ 196272	8-11	To NY.	Directs yard prepare instructions covering arc installations for treating surface of antenna insulators in order to reduce surface leakage. W NY fws instructions sheet 9-18	
353	8/25	GE	Insulators; Locke Co; result of test	629
✓ 197699			NY Electrose Co have no dies for insulators longer than present standard. 8-31	
✓ 202849	10/19	To NY	Test Vanlyke and white print of NY 61AA 356B. W NY fws 10-26	
✓ 203232	10/13	M Is	Porcelain arc insulators for arc radio sets; asks for detailed plan, also whether Bureau or yard to purchase. W	
203310	10/23	To NY	Drawings of. Reqt print of alteration A Re insertion of insulators NY 61AA 288A and NY 61A 288B to standard stock catalog. W NY fws white print; recommends against carrying any of A type in stock 10-31	
167416	11/6	NY	Gives proposed use of insulators on reqn 643	876
205035		OVER	Locke insulator Co revised drawing; will increase mechanical strength; will submit quotations on improved insulators under requisitions 643 1/12	

INSULATORS; RADIO.

911

Number.	Date.	From or To—	Subject.
204805	11/7	To NY	Reqt Vandykes and white prints and certain drawings of insulators. W NN fws V andykes 11-30
205035	11/9	To Locke Insulator Co.	Reqt est for 36 porcelain insulators to serve as spares for cage insulators. W Locke Co. Reqt additional data 11-15 To Locke Co.—Gives data reated. 11/24 Co fws sketch showing interpretation of porcelain spares required with cage type of insulators 12/2 To—Ask kind of cement used attaching porcelain to hardware. 12/25 Directs tests be conducted to determine the working boltage of insulators. Liabs data which voltage data should contain. W
206993	12/1	To NY	
207456	11-23	M.I.S	Recommends furnis hard wood insulators by contractors for mast cables be omitted and yard to use porcelain insulators on hand 801
208010	12-8	NY	Antennae insulators; have made experiments various types metal balls with great success; fws print showing antennae lead insulator adapter. W
208183	12/9	NY	Annual insulator contract; recommends matter be looked into at once ~~due~~ to fluctuation of prices. W To S&A—Reqt that Electrose Co. exten' contr 25915 three months for all items requiring inserts. 12/14 To NY—Directs prepare reqn for obtaining bids on which new and old contrs for insulators can be prepared. 12/15
M.I. Reqn	3-8 12/14	To M.I.S.	Porcelain insulators. Reqt copy of certain drawings and more definite information. W

INSULATORS: RADIO

Number.	Date.	From or To--	Subject.	
187772	5-4	M. Is	Proposed deck insulators for arc sets; fwd's corres Locke Co. prints. also fwd NY--for comment and rec; 5/25 RB 6/19 ref. NY directs test Boro 6-26	
186371	5-16	NY	Insulators; standard; fwd's vandykes. W.	
188529	5-20	NY	Porcelain insulators; fwd's prints. W.	
189759	5/23	To Phila	Asks what steps are being taken to expedite delivery of insulators for 8 wave converters for 1st 45. 12-5 kw Navy type radio sets	905
✓ 189562	5-31	Forges, ED Personal	Ohio Brass Co are presenting porcelain insulators for radio work.	
190256	6-8	Clark, GH Ohio Brass Co states letter has been referred to Barbetton office for reply 1/22	Adverse report on porcelain insulators submitted by Ohio Insulator. CC. To Ohio Brass Co--Quotes report on 6/12 Ohio Insulator Co--Ask progress made on. 1/4	
190159	6-10	To NY.	WYOMING: improvement in antenna rattail insulators; directs experiments be made with. W	
190496	6-10	To Electrose Manuf Co. Co have placed order for pats 7-3	Offers to test samples of pillar type insulators for use in arc set at Wash Yd. W Co was Ketches 6-21 To--Returns tracings. 8/1	

INSULATORS: RADIO 911

Number.	Date.	From or To—	Subject.
✓ 191624	6-22	NY	Radio entering insulator; fwds vandykes.W
192594	7-14	To Yards.	Radio telegraph; purchase of insulators and insulating material; fwds drawing covering.W New Orleans rect drawings 7/24 fwd NY—fwds New Orl drawings 8/7 RB 8/21
194448	7/19 7/24	Norfolk S&A	Radio insulators for stock; submits list of quantities desired.W To Norfolk 8/25 fwd S&A 8/25
194522	7/18	M Is	Arc radio installation; request authority to obtain insulators open purchase in lieu of awaiting shipment from NY.W To—Auth purchase of insulator. 7/31
✓ 194658	7/25	Locke Insulator ^M fg Co	States first two items on requisition 46 will be ready for inspection July 31st. W&S
✓ 194999	7/21	Ohio Brass Co	Porcelain insulator requirements; are still investigating.W
195561	8-4	To Locke Insulator Co.T	Asks probable date when insulators under reqn 46 will be ready for inspection. W Co (T) will be ready for inspection Aug 16 8/8
197699	8/25	To NY	Radio telegraph; electrose insulators; longer ones desired; directs learn if Electrosec Co have dies available.W

INSULATOR: RADIO

Number.	Date.	From or To—	Subject.
180733	3-3	NY	Insulator for antennae lead. ~~for switch~~ To--Appvs. 3/7
180703	3-4	To Locke Insulator Co.	Lt. Hooper will visit factory for a conference re to slight change of design of insulators for High Power Radio Stations. W
180704	3-4	To Norf.	States porcelain insulators for radio antennae may be obtained from NY on shipment request. W
181229	3-9	NY	Electrose insulators; fws vandykes. W
181671	3-10	Locke Insulator Co	Fws plan showing redesign. W To--Returns: modifications satis. 3/18
181889	3-		
183452	3-30	Norf	Porcelain insulators; fws plans. W Fwd NY--For comment and rec. 4/5 To Norf--NY--For comment. 4/18
184384	4/11	Chasn H	Req't permission to use electrose insulators in lieu of porcelain insulators 807

911 INSULATORS: RADIO:

Number.	Date.	From or To—	Subject.	
✓ 184853	4-18	To Locke Insulator Co.	Asks if the two cage insulators submitted as a sample in connection with CE reqn. 246 are designed for electrical and mechanical strength specified in reqn. 2	
✓ 185397	4-20	Locke Insulator Co	States samples submitted are not complete sets; require 7 lengths. W. W. To—Sample was ret'd by Wash Yd. 5/4	
✓ 185515	4-24	To Locke Insulator Co.	Reqt. copies of drawings of two types of insulators being manuf. by you under recent contract for naval high powered radio stations. W Locke 5-24 To Yards—Fwds copy drawings: 7/28	
✓ 186479	4-7 4-20	Electrore Mfg Co. Phila	Quotes price for canging; Phila states error made in Machinery Div Phila Yard. W Fwd SEA—Appvs recommendations. 5/5 To Phila—Insulating tubes should be ordered from NI. 5/8	
186483	5-1	NY	Radio insulators; fwsd index of insulators and insulating material. W	
186771	4-28	NY	Recommends increase in stock. W To—Lists increases appvd. 5/9 NY fwsd. prints 5-24 To—Additions authorized 6/8	
363	5/3	To GE	Radio stations; insulators; high grade commercial quality of bronze and malleable iron will be satis	629
187754	?	?	Suggestions for material for insulators, washings, etc; Darish	851

1915

INSULATORS: RADIO:

Number.	Date.	From or To—	Subject.
167825	10-9	To Atlantic Com Co. Locke Insulator Co Electrose Mfg Co.	Reqt suggestions on best type of insulator in which case antenna wire will be made fast separately to the tower spreaders. W Electrose Mfg Co 10-12 Locke Co 10-14 To Electrose Co - comments on 10-15 At Com Co. 10-16 Electrose Co. reqt ad info and ack of plans 10-19 To Electrose Mfg Co 10/21
168727	10-13	NY	Submits revised estimate bulkhead insulators for radio. W To-- Appls. 10/22
169140	10-25	To Yards-Radio Service.	Comparison of vitrified and electrose suspension insulators in connection with arc radio apparatus. W
169817	10/27	Atl Flt R	Insulators: recommends those used on board ship for carrying the rattail be not fitted with threaded extension cap. W Fwd NY-- 10/30 RB 11/18
170005	10-30	Locke Insulator Mfg Co	Submits proposals for supplying insulators; fws plan. W To--Comments on: 11/6
170372	11-4	NY	Insulating material for; fws vandykes of specs covering. W
170337	11-4	NY	Fws 120 prints covering. W

INSULATORS: RADIO 911

Number.	Date.	From or To—	Subject.	
✓ 173573	11-29	Pac Elt	Reports deck insulators for arc set fitted on SAN DIEGO: fwi's sketch and favorable report. W	
		Fwd S&A-- 2/25 RB 3/9	Fwd NY-- For comment. 12/13 RB 12/29 Fwd M. Is-- For comment. 12/31 RB 1/20 Fwd NY-- 2/8 RB 2/23 To S&A-- Reqt shipment insulators from NY to M. Is. 2/8	
✓ 174131	12-9	Clark, G.H.	High powered stations: suggests change in specs to call for additional insulators. W	
✓ 174741	12/23	NY	Reports on test to repair leakage losses over porcelain and electrose insulators. W To-- Reqt comparative data in 1948-1949. 12/28 NY no durability test made 1-6	
176812	1/21	WYOMING	D- Reqt GE porcelain insulators: type furnished by NY failed twice	488-6
✓ 178659	2-5	Genl Davina & Fittings Co	Go Personal letter to Clark relative to developing insulators. W	
178909	2-11	M. Is	Porcelain deck insulators; for arc sets; fwi's plans. W To-- NY auth to purchase insulator for comparison of insulator now supplied. 2/18 To NY-- 2/18	
✓ 179120	2-14	NY	Porcelain insulators: for radio; recommends development work be carried on in conjunction with Lyke Co. W To-- Appvs. 2/19	
✓ 179845	2-22	Genl Devices Co	States experiments with insulators will prevent their submitting bid on Feb'y 25 for San Diego, Pearl Harbor: W To-- Comments on. 3/1	

INSULATORS: RADIO

1915

Number.	Date.	From or To—	Subject.	
144462	1-13	NY 752-131	Insulators submitted by Locke Insulator Co. Test shows deficiency in tensile strength; recommends against use of W. To--Auth acceptance of 70 insulators. 1/29 To Locke Co--Will accept portion if suitable for requirements at Parisien. 1/29	
✓ 145396	1-2 1-21	Electrose Mfg Co. NY 752-131	Electrose Insulators; designed by Navy Yard; conditions of sale to public. W. To--Comments on re type of insulators to be offered for sale. 1/30 To NY-- Fwds copy above letter. 1/30 Electrose 2-26	
✓ 146569	2-6	Locke Insulator Co.	Will furnish yokes for cable strings on insulators in parallel. W. Is print and offers to supply for DA. 1/29 Fwd NY-- Instructions. 2/9 To--Satisfactory to Bu. 2/9	
147037	2/10	Y&D	San Diego, Pearl Harbor and Cavite radio stations; fwds reqn for special porcelain insulators	830
✓ 148161	2-2 2-18	H.C. Fry Glass Co. Y&D	Reports shipping glass cube by express Jan 4; for test purposes. W. Fwd Y&D--Have no knowledge of. 2/26	4:
✓ 148504	2-22 3-1	Bost Y&D	Insulators for wireless towers; reports on test of work. W. Fwd Bost-- Recd expedite. 3/3; 038	
154103	5-1	NY	Antennae insulators; stock exhausted; recd instructions re ordering additional. W. Fwd S&A--Rec stock of 20 insulators be maintained at NY. 5/8 To--(8) Recd statement of issues made & auth of Locke Insulators purchase under contract 172. 5/8	

INSULATORS: RADIO 911

Number.	Date.	From or To—	Subject.
✓ 154527	5-8	NY	Locke insulators: gives list of showing distribution; cont 172. Y To—Prepare regn for 50 antenna Locke insulators. 5/12 To S&A-- Reqt shipment of 6 insulators from NY To wash. 5/12
✓ 163439	8-5	Pierson, Roeding & Co	Reqt copy of test on their: Locke insulators: submitted by them. W To M.I. will furnish 8-17
164068	8-21	NY	Insulators: fwds prints. W
✓ 164980	9-3	To Darien.	Porcelain and concrete bushings for radio arc generator; reqt report on. W Crenshaw reports on 9-13
165234	8-28	M. Is	Proposed type deck insulator for 5 kw and arc sets; plan. W To NY--Fwds print of for comment. 9/9 M. Is print not recd. 9/23. To NY--Fwds print. 9/27
165657	9-7	M. Is	NY criticizes M. Is plan IO-30 Reqt shipment insulators from NY. W To S&A--Reqt for shipment. 9/13
✓ 166713	9/22	NY	Insulating material and insulators for radio work; fwds proposed specins. for purchases under new annual contract. W Fwd NY--Allys recommendations. 10/9 RB 12/1 Fwd S&A--12/2
165224	11-9	To M. Is.	M. Is drawing #12474; deck insulator for use with arc radio sets; fwds comment of NY on. W

INSULATORS: RADIO.

Number.	Date.	From or To—	Subject.	
123583	4/25	NY	Rat-tail and insulators for; supporting same; submits recommendations and quotes prices for insulators; recommends Dickinson & Co. type	875
125190	5/16	NY	Fwds prints showing molded composition frame insulators.W	
127586	6/16	Arlington	Insulators obtained from the Locke Insulator Co. withstood three strokes of lightning in recent storm, but recommends further tests before general adoption for service.W	
129307	7-1	M.Is 6868	Insulator for radio work; fwds print and recd authority to substitute for previous standard.W To---apd. 7/9.	
130954	7-27	Y&D 8907-17	Porcelain insulators; Locke Co. type; fwds report of test on made by Bu Standards.W	
131348	7-23	M.Is	Reports on test of porcelain insulators submitted by T.C. White & Co. W Fwd Y&D comment. 8/4 rb 811 Ret---8/11. rb 827	
131738	8-5	NY	Porcelain insulators for stock; recommends purchase from Locke Insulator Co.W To---submit requisition. 8/7	

INSULATORS: RADIO 911

Number.	Date.	From or To—	Subject.
133765	9-4	Y&D	Supporting insulators for radio towers; for Boston, Key West, New Orleans, Great Lakes, Colon and Balboa; fwdg reqn.W Ref. S&A via Dept. purchase thro. Pay Office 9-5
✓ 134319	9-11	NY 805-16	insulators and material for radio; complains of delay in purchasing and recommends annual contract be entered into in addition to contract based on schedule 7075. W Fwd NY-- Comments, 9/22 128
✓ 134538	9-11	NY 705-16	Insulators and material on reqn 717; required for use in manufacturing battle radio instal- lations etc. Gives reasons for submitting; Asbestos wood is only insulating material that can be secured under cont placed on schedule 6429.W
136486	10-5 10-9	Washn Y&D	Insulators for radio; asks if they will receive order to make.W Fwd Wash-- 10/12 8010 22
✓ 137456	10-19	Locke Insulator Co.	Reqt authority to make photos of towers at radio fitted with their insulators.W Fwd Radio-- for information 10/26 8010 22 To-- No objection to 10/26 Locke Co copy of letter to Lett Bros to take photos 11-3 Fwd prints of W Fwd Y&D-- Fwds print. 11/5
✓ 138756	11-2	Locke Insulator Co.	Special porcelain insulators; fwsd copies of contract and directs inspection at wks of Locke Insulator Mfg Co 629
22168	11/2	To GE	
✓ 139065	11-4	NY 855-171	Non design high tension insulators for antennas Leads thru W.T. alkhs; A&S print; reat To M.I.S: Best; Phila; Norf-- 11/16 To NY-- auth 11/20 Fwd Dept-- Rec apvl: 11/10 8010 22 To-- Authorized. 11/16

INSULATORS: RADIO

1913

Number.	Date.	From or To—	Subject.	
✓ 99703	6-17	Electrose Mfg. Co	Disc strain insulators; fwsd copies of recent decisions on validity of patents. W	
✓ 100380	6-25 6-26	Electrose Mfg. Co Brook	Fwsd print showing proposed changed in their insulators to be furnished under various contracts. W-S Fwd Brook via NY. approves recommendation 6/27.	
✓ 1001678	7-16	Electrose Mfg. Co.	Fwsd print of lock wall insulators. W	
✓ 105662	9-12	Dickinson Mfg. Co	Stern-condensite for radio insulators; recd. order. W To: 9/22	
106162	9/22	To Arlington	Fwsd print of insulators, as mfrd by Electrose Mfg Co. W	
111187	11/24	NY	Insulating material, fwsd test report on, Vulcobeston, Ebony, asbestos wood, hemit, electrose, dilecto, etc. radio insulators. 731-4	
111471	11/28	NY	Re supplemental contract with Electrose Mfg Co. for additional insulators. 904	
255	1/10	NY	Reports acceptance of insulators and reqt auth. to make payment. 629	

INSULATORS, 911

Number.	Date.	From or To—	Subject.	
112031	12/6	Fwd Dept	reqt approl of purchase of insulators	900
		1914		
✓ 115884	1-17	NY 855-13	High tension insulators: for antennae leads thru water tight bulkheads: fws print with letter from Electrode Mfg. Co. W Fwd Dept. reqt permission to submit proprietary reqn. 2/2 Ret---for action. 2/27.	
✓ 118289	2-21	Locke Insulator Mfg. Co	Reqt authority to have trial of their Porcelain insulators in lieu of Electrode. for radio. W To---ack: suggests confer with E.O. of NY. 2/27. Fwd NY. 2/27 Co makes appt 18th 3-9 To---will confer Monday the 9th. 3/7	
118962	2-24 3-3	NY 705-16 S&A 302-71	High voltage insulating material for radio work; submits proposed specs for annual reqn together with print. W Ret S&A. comments and rec. 3/4	
119138	3-3	NY 855-54	New design high tension insulators for aerial leads: W.T. bickbiss. W To---appr construction of one. 3/12.	
124114	5-1	Electrode Mfg. Co.	Disc type insulators: re type bid on for M. Is. W.	
6434	5/4	NY	Recommendations for award: recommends that electrose insulators (radio) be bought direct from company; no competition invited; advertisements secures competition from jobbers only at increased prices	706

INSULATOR: RADIO

1912

Number.	Date.	From or To—	Subject.
78667	9-20	NY 936-195	& conductors; reqt. authority to conduct test. W TO NY approves. 9-24
76719	9-24	TO NY	Submit reqn. for 150 Buck link insulators for stock. W
79/174	9/30	Arlington	Buck link insulators, letters to Chester & Salem, asks if any spares on board which can be shipped for use 841
80914	10/23	To Electroac Mfg Co. 8	Directs mfr of 60, reqn submitted, order will be place in a few days. W
81424	10-25	Pug. Sd. 5435	Insulation for wireless: asks whether smoke stack guys are to be fitted with turnbuckles. W Fwd C&R 10-31 RB 11-8
86999	12/19 1/8	Western Elec. Co. SEA	1913 Buck link insulators, R. Thomas & Sons Co. state that it is impossible to manufacture. Recommends cancellation of contract 17068 and of reqn. 453. W-R Fwd S&A recom. reqn 103 1/10
85830	1/9	To C&R	G 1 and all submarines - req. be provided 393-6

INSULATOR: RADIO. 911

Number.	Date.	From or To—	Subject.	
488461	1/25	TO YARDS. INSPRS MATRL and MACHY	Radio insulating materials for light, power and interior communication systems. Instructions. W	
90074	2/12	To Washn & S&A.	Electrose insulators: request shipment of 24 18" to Wash from NY. W	
17066	1/16	S&A	Recommends no award be made under specs as insulators called for are not satisfactory	629
17066	2/18	To S&A	Rec. reqn NY 1003 be changed to specy electrose insulators #562 instead of 8341.	629
92342	3/11	NY	SDE- G-1, radio hull insulator, fws plan	393--6
93935	3-24	NY 705-16	Reports on test of Electrose insulators. W. Fwd S&A. 4/3.	
94791	4-10	NY 926-40	Fws vandykes of. W.	
95602	4/23	S&A 319-2	Insulators: fws copy of decision re in- terference with Edward M. Hewlet regarding disk strain insulators. W Ret---4/24.	
18873	5/23	Brook	Reports difference in drawings for insulating bushings being mfrd by Electrose Co.	629

Number.	Date.	From or To—	Subject.	
59173	1/19	NY	LIGHT Ships, #94: gives data re insulators in rigging	678
64494	3/26	To NY	TEDS 22-36: insulators in Rigging, recd recommendations as to location and type.	496
66926	4/15	NY	TEDS: recommends fitting of insulators in all rigging stays, and fwds prints	496
68718	5-13	C&R 17660-E.184	Insulators for insulating rigging in connection with wireless; asks if any type plans have been prepared covering W To---Sp. 5 re offering full information. 5/16. To NY. Instructions in the preparation of designs. 5/21. To NY. Ask when prints and data will be supplied. 5/26.	
68802	5/13	C&R	FANKLIN-class, fwds profile prints to mark insulation requires for.	203--6
69040	5-15	Electrose Mfg. Co	Invites attention to their large insulators recently sold to Bu Insular Affairs. W To---Fwd 3&A. 5/18.	
69130	5-11	Electrose Mfg. Co	Fwd. complete file of their prints of disc insulators. S (personal letter to Kaemmerling) To---Ack. 5/22. To NY. Fwd. prints. 5/22.	
69046	5/17	J&R	Fit insulation in rigging on acct of wireless will be delayed until after delivery of vessel	134--6
69047	5/17	C&R	Wyoming: do	408--6

INSULATORS: W.T. 911

Number.	Date.	From or To—	Subject.	
70190	5-31	NY	Electroasa Mfg. Co. Will consider in connection with plans various classes vessels. W R.B.C-27	
✓ 71922	5-31	NY 87-12	Insulation of rigging in connection with wireless; reqt. prints of various vessels. W Fwd C&R reqt furnish print. 6/25. C&R request return of correspondence 8/2. Fwd C&R for information & return 8/6R 18. Ref-NY. instructions 8/10 R.B.C-14	
✓ 71968	6-24	C&R 17660-E.184	Fwds letter from NYS re method of insulating insulating rigging in connection with wireless. W Set with comments and rec. 6/26. To-C&R instructions 7/22	
72058	6/25	To Nav Intell.	Foreign warships; request temporary use of photographs showing arr. of insulators in the rigging. W Photos received 7-1	
✓ 73610	7/17	To NY	Reqd number of insulators in store.	
74811	8/2	Asiatic Flt	Reqd spark gap insulators for FESSENDEN sets be forwarded to OLONGAPO for distribution among vessels	495
76560	8/24	Arlington	Bucklink insulators. Fwds letters to four yards asking if any in store.	841
77563	9/7	Arlington	Reqd. Key West ship their spare porcelain insulators owing to inability to secure early delivery on reqn. 55	84
78273	9-10 9-13	Fug. Sd C&R 5426	Asks if necessary to provide shunt where turnbuckles are used in metal rigging. W Fwd C&R considered necessary. 9-18	

INSULATORS: 1/ ✓

FILE No.	From or To— (Dated)	Subject.	
32793 3/1	NY Ya 705-16-53	Submits drawing of proposed construction.W Ret. approved 3/6 R.B.3/11	
38230 5/2	C.O.	LEBANON: mfg of	263--6
49901 9/28	NY 705-16-95	Reports on test of those made according to yard design; fwds print.W To---Appd: 10/27.	
✓ 50971 10/10	NY 926-189	Fwds prints of. W	
56217 12/13	NY	AERIALS: fwds telegraph insulator & print. etc	875
56067 12/14	To C&R	Insulation of rigging, rec. steps be taken to place insulators in such position that the continuity of induced currents may be broken, etc	883
56550 12/18	G.E.Co	ARLINGTON: unable to quote on insulators at present time	841
1912			
58793 1/13	Ports	AERIALS: insulators on; those at Ports and Capt. Eliz. in good condition.	875
73678 7/17	NY	Insulators, gives quantity on hand, and requests those overdue on contract 1766 be expedited. To NY reqt. be shipped to Arlington Radio Sta. as soon as completed 7-18 Washn asks if 50 ordered by Yd. are in addi- tion to 72 ordered by Bureau. 9-19 Fwd NY. only 50 desired 9/23	



Number.	Date.	From or To--	Subject.
652184	11/1	Hart Eads	Status report Y
653384	12/12	Dept	Fwds copy of corras with J. Joy re: interference from Detroit Radio station W
627478	FWD FROM CARD 39		Norr 12/13 Submits approximate estimate W Norr 12/13 Recommends additional receivers be supplied. Hamp Rds distant control station. W X Hamp Rds To Norr- assignment made 12/22

N. Eng. 134

1922

Number.	Date.	From or To—	Subject.
654356	12/6 12/19	Rug Snd Dept:	Report covering interference station in 13th District Rads O'Brien 12/29 cc Rug Snd- Pac. Coast Comm. Supt- Rug Snd 12/29

INTERFERENCE

1922

Number.	Date.	From or To—	Subject.
648304	11/1	Cape Hatteras	Static report. W.
648677	11/2	Pensacola	Fwds Static report W
634832	FWD FROM CARD 40		Fwds Dir commms 12/6

Number.	Date.	From or To--	Subject.
650805	11/23	DCC.	Co. report on interference by Mexican agrarista station.
650992	11/20 11/22	COLLARDYLAND Atl Fleet.	Edw's suggestions of Chief Radio man McGarry covering inductance of Mush and Harmonics in arc transmitter W To C-I-C Atl. Fleet- comments 12/7
651004	11/23	New York	All work on vessel completed at time of departure.

INTERFERENCE

1922

Number.	Date.	From or To—	Subject.
642989	9/22	Chasn.	Request copy of special report from Norfolk covering elimination of harmonics and must be furnished to Norfolk Request Vandyke 9/30
643798	10/1	Cape Lookout	Weather and static observations for Sept. W.
644086	10/3	Dept	Copy of letter to 3d Dist. fwding copy of letter from J. A. Price rel to interference with broad casting by radio signalling from Yard. New York 10/11 fwded NY CC Dir. Commns. Norfolk 10/11 New York 10/14 stated trouble is due to amateur improperly installing machine W
644081	10 1	Hog Isl.	Static report. W.
644586	10/5	Pensacola	Static report. W.
644583	10/4	Cape Hatteras	Static Report. W.

1922

Number.	Date.	From or To—	Subject.
644582	10/6	Port Eads	Static Report. W.
644695	10/11	To Dir. Communications	Reduction of Interference fws monthly radio report W - 23 10/14 W. Dept - fws copies of correspondence. 10/15 W
645279	10/12	Dept	Fws copy of letter from Bureau of Light House, rel to interference of radio beacon stations in vicinity of N.Y.
645335	10/12	Norfolk	Copy of letter to Radio Insur Norfolk. rel to interferences caused by ori. sta. Dept 10/25 Fws copy of list from Dept. Commerce W to Hon Sec of Commerce (Sec Sig)- Give inform rel tests co Norfolk- 5th Dist. Dir Comm 10/27 Dept of Commerce- Will cooperate with Norfolk. 10/30 W
646458	10/15	Cape Lookout	Static report.

INTERFERENCE

1922

Number.	Date.	From or To—	Subject.	
641558	8/31	Hog Isl.	Static report for August. W.	
641694	9/4	Poyners Hill	Static report for month of May/ W.	
641923	9/11 9/18	Dept of Commerce Communications	Fwds letter from T.B. White calling attn to interference from Arlington Sta. W	841
642811	9/19	Atl. Battleship Force	Copy of letter to Communications requesting eliminate interferences from radio beacons at Fire Island, Ambrose Channel and Sea Girt. W. Communications - Copy action to Dept of Commerce. 9/26 W.	

INFORMATION

1922

Number.	Date.	From or To—	Subject.
613650	from card 37		To NO- Operation of filter circuit with arc transmitter instn- comments W 9/22 New Jrlm- (T) Waiting reply from NAA on adjustment made to unit wave key 10/28 To N C (T) Gives instrns cc Dir Comm 10/27 To N O- Gives instrns cc Dir Comm 11/1 8th Dist. (T)- signals now satisf 11/6 W To N O (T) Signals still unreadable due insufficient distinctness- gives instrns cc Dir Comm 11/3 To N O (T) Gives instrns rel signals cc Dir Comm 11/3 8 Dist 11/3 Signal satisfactory W 8th District 11/7 filter circuit will be disconnected and not used W
476457	FROM CARD 22		Radio Division #9- Rel t Andrews mush balance circuit. 11/7/21 W Pwds Dept 3/30 10/5 Pearl Harbor 12/5 Pwds suggestions for elimination of arc mush interference by CB Andrews. X Andrews and Beneficial Suggestions.

INTERFERENCE

1922

Number.	Date.	From or To—	Subject.
638867	8/22	Communications	Fwds copy of letter from Electric Engineering Co. complaining against radio stations operating in Gulf of Mexico. W. Fwds N O 28 Dir Comms 8/29 New Orin- Report on measurements of wave lengths. 9/14 W New Orleans 9/15 W. To N O- Reqsts corrs 9/26 BB 16/2 W
638931	8/23	Dept	Copy of letter to 1st Dist. rel to interference caused by Chatham station with Radio Corp of America station at Siasconsett. W
640015	8/30	L. D. Rubin Elec. Co.	Takes exception to Chasn. yard interfering with local radio sets. W. 807
640252	9/1	Cape Lookout	Static report for August. W.
640325	9/1	Port Eads	Static report for August. W.

1922

Number.	Date.	From or To—	Subject.	
640618	9/3	Cape Hatteras	Static report for August W.	
641399	9/5 9/12	Key West Dept	Fwds corres rel to complaint of Elec'l. Engineering Co. against Naval Stations operating in Gulf of Mexico. W	817
641465	9/12	Anacostia	Interf. reports from Baltimore — request steps be taken to eliminate. W. Fwds Mor 9/19	
641532	9/11	Pensacola	Fwds static report for month of August W	

INTERFERENCE

1922

1

Number.	Date.	From or To—	Subject.
✓ 635282	7/12 7/28	Dept Commerce Dept	Fwds letter from Hon . W. F. Logan rel to complaint of L. D. Rubin Electrical Co. of Washn Dc that itter interference at Washn. K-W Fwds Washn 8/5 RB 8/18/22.W Dept- Copt action to 6th Dist. 8/16 W Fwds Operns co Washn 8/23
✓ 635503	8/1	Hog Isl.	Static report for month of July. W
✓ 636156	8/1	Cape Lookout Comp Sta	Static report fro July. W
✓ 636436	8/4	Washn	Rel to interference from Army transmitting set at Arlington. W. Re Hon Sec of Commerce(Asst Sec Sig) elimination of harmonics from AC Tube transmitters- gives inform co Dir Comm Comdt Washn 8/18
✓ 636823	8/8	Washn.	6 KW ac tube transmitters complete circuits for eliminating harmonics in antenna- request Electric Co. be requested to investigate. W.

1922

Number.	Date.	From or To—	Subject.
636851	8/4	Pensacola	Static report for month of July. W
637185	8/10	Communications	Fwds correspondence with United Fruit Co. and Dept of Commerce cov interference during Press schedules. W Communications 8/6 W RB 9/1/22-W Fwds New York 8/16 W cc Nav Communications. Fwds NY 8/23 Fwds Nav Communications 9/8 W
637824	8/1	Grand Island	Static report, month of July. W.
638264	8/17	Dept	Copy of telegram to 1st Dist rel to interference at Glasgow St Station of radio by Chatham Station W
638770	?	L. D. Rubin Elec. Co.	Fwds clipping inserted in the Charleston newspaper rel to Navy Yard arc interfering with radio fans at Chasn. W.

INTERFERENCE

1922

Number.	Date.	From or To—	Subject.
631426	7/6	DNC	Report of interference Milwaukee Sta. W: Communications—Copy action to Dept of Commerce 7/8
632295	7/1	Grand Isle	Static report for June. W.
631379	7/10	To Secy War ~~Department of War~~	(Sec Sig. Requesting inform concern radio system. War Dept 7/26
632514	7/6 7/12	Balto. Station Communications	Calls attn to interference from Annapolis Sta. W.

INTERFERENCE

1922

Number.	Date.	From or To—	Subject.
632525	7/13	Communications	Copy of letter to Hon. W. T. Logan re to interference by Chasn. with radio broad- casting by L. B. Rubin Elec Co. W/ Communications Copy action to Dept of Commerce. 7/13 W
633536	7/1	Grand Island	Static report for June. W.
634002	7/15 7/20	9th Dist. Communications	Fwds correspondence re interference Milwaukee Sta. with H. W. Roehr. W. ACS 2-2-2000 1/24
635027	7/26	Hon. E. D. Smith	Fwds clipping and letter re interference of Chasn. station to surrounding citizens to Hon E.D. Smith- rel funds for install 7/28
634832	7/21 7/25	Signal Corps Communications	Fwds letter from Dept of Commerce re interference at Arlington by tube transmitters operated at Army Laboratory Sta Fwds Wash 7/29 RB 11/9 W Communications- fws report from signal corps 8/8 Fwds Dir Comm 8/23

To CARD 45

INTERFERENCE

1922

Number.	Date.	From or To—	Subject.
✓ 626991	6/2	Cape Hatteras	Static report for May. W.
627141	6/1	Grand Isle.	Static report for month of May. W.
627140	6/1	Burwood Sta.	Static report for month of May. W.
627478 FWD TO CARD 46	6/9	Communications	Interference: report on by Dept of Fwds Norfolk 6/14 Norfolk Communications 7/8 RB 8/28 W To Washington- Fwds bprints 9/8 W RB 9/29 " To Dir Comm- Gives inform rel circuits in slip of 8/15 listed wave lengths are proposed for consideration cc Norfolk 9/16 re -conf- recomms apprd 9/18 Dept- 9/26 W Fwds Norfolk via 5th dist 10/6 RB 12/6 W To Norfolk- rel to eliminating interferences. 10/10 W. Norfolk 10/23 Fwds reports W To Norfolk- Fwds report cc Norfolk 11/4

906

Number.	Date.	From or To—	Subject.
627505	6/1	Burwood	Status report for month of May W
630405	6/28	DNC	Copy of letter to Hon. W. H. White re: interference to Arlington by ~~Amapolis~~ W.
630591	6/29	DNC	Copy of letter to Dept of Commerce (Nvg), re: interference by Detroit radio station. W.
631062	7/1	Hog Isl.	Static report. W.
631146	6/30	Cape Hatteras	Static report. W. Cape Hatteras- Static report. 8/1 W
631292	7/1	Cape Lookout Comp Sta.	Weather and static observations. W.

INTERFERENCE

1922

Number.	Date.	From or To—	Subject.
614745	3/10 3/21	Pug. Co. Communications	Radio phone broad-casting by and Elec. Co. - calls attn to interference with Seattle Sta. W To Pug. Snd. Co. as Inform rel Acceptor-re- jector W 3/31
615453	3/29	To Washington	Radio Research Problem 106-B- Investigation of Means for Reducing Harmonics and Mush at Arc Transmitting Stations- W
617719	4/4	Marconi Co.	Weds reports on reduction of mush and harmonics from arc transmitters. W.
619137	4/17	A. B. Noel	Ask how static may be eliminated. W. To Mr. Noel - the office will eliminate static inter- ference 4/17

INTERFERENCE

1922

Number.	Date.	From or To—	Subject.	
✓ 620279	4/15 4/22	Dept Communications	Directs Naval radio telephone stations discontinue broad casting of lectures and addresses pending study of interferences.	7.
✓ 621904	5/4	Communications	Fwds copy of letter from Dept of Commerce stating interference from radio station at San Fran. has not been eliminated. W.	
587359	3/27	Asiatic Fleet	Gives correction to static conditions in vicinity of Cavite. W.	806
✓ 626437	6/1	Cape Lookout	Static report for May. W.	
626958	6/1	Hog Island	Static report for month of May. W.	
627580	6/9 6/10	Hon S.E. Mudd Communications	Rel to interference caused to radio broadcasting by Annapolis Station W	920-1

INTERFERENCE

1922

Number.	Date.	From or To--	Subject.
✓ 605175	1/16	Morehead City	Static report month ending 1/16 W
608614	2/4	Anacostia	Interference between Anacostia radio station and Bolling field- report cov. no
✓ 608613	2/6	Anacostia	Special type static eliminating device tried out and found unsatisf. W.
✓ 609801	2/15	To Havi n	Ion spots and their relation to electrical disturbances observed in radio equipment W

INTERFERENCE

1922

Number.	Date.	From or To—	Subject.
610711	2/17	Anacostia	Problem 31- B- reduction of arc harmonics and mush- recommendations be cancelled w to CC Anacostia- Request Problem 31-B be stricken from list 3/31
610772	2/20	Washn.	Fwd's preliminary report cov complete arc circuit in conn with reduction of arc harmonics and mush. w.
611832	2/22 2/28	U. S. A. District Communications	Calls attn to interferences from Arlington Station with public broad casting - request be assigned. x
613135	2/8 2/9	Dept Commerce Communications	Fwd: copy of letter from I. Venkilya complaining of interference caused by operator of Earl Ohio on 360 meters. w
613850	2/13 3/14	Dept of Commerce Communications	Fwd: copy of letter from Radio Inspr New Orleans re interference caused by Navy radio stations at New Orleans Mobile Station Arthur w D+C- Fwd's letters from Dept of Commerce- 7/6 Fwd: New Orleans 7/12 w New Orleans- report cov trouble experienced with filter circuit. 8/15 w Fwd's Washn 8/28 HB 9/19 w New Orleans- Fwd's correspondence rel to interference 8/31 w

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INTERFERENCE

1.21

Number.	Date.	From or To—	Subject.
3 600452	12/14	Bur Stand.	Observation of effect of sun spots on communication facilities on Pac. Coast - fwsd correspondence and report covrad 1-7/31 To MI - Gives daily procedure to Conrad 1-7/31 MI - Ask if photos are available. 2/20 To Bu of Standards - Request MI be furnished with copy of report 3/29 To MI - Gives Action taken cc Bu Standards 4/11 Request observations be furn. 4/19 To MI - Fwsd monthly averages 5/15 Pac Coast Supt 6/12 - Fwsd report on observation carried out by Richard H. Fannon 7/2 Fwsd Bu Standards 1/9/23 - RB 1/25 W and Director naval communications - interference caused by the radio corps station at Clatham W 12/15 RB 12/17 W
584769		~~fwsd from 34 care~~	
600955	12/16	Anacostia	Calls attn to possible influence of bad insulation and brushing on harmonics at high power stations. 17.

INTERFERENCE

1921

Number.	Date.	From or To—	Subject.
✓ 601194	12/17	Communications	Fwd's copy of letter written by Dept of Commerce to W. J. Joy re: to interference of Cleveland and Detroit station with certain radio test of Western Rec. BB 1/3/22 W 9th Dist- Copy action to Communications 12/20 W 9th Dist- 12/21- Copy action to Communications.
✓ 601339	12/18	Morehead City-	Report on atmospheric conditions month ending 12/15. W.
597101	12/23	To Bernard L Smith	Receivers-apparatus- comments on W
602115	12/21 12/27	FCCS Communications	Fws radio compass bearings and static for month of November. W.

Number.	Date.	From or To—	Subject.
567220	9/29	To MI	Reduction of Harmonics and Mash at Arc Transmitting Stations W
589669	10/19	Bar Harbor Copy	Report cov difficulty experienced with Darien while copying San Diego. W.
590315	10/14	Communications	Copy of endorsement to 5th Dist. rel to operation of intra fleet set. W.
590397	10/14	4th Dist.	Copy of letter to Communications rel to determination of direction of static by radio compass. W.
590566	10/12	MI	Fwds beneficial suggestions of L. E. Russell, rel to combined harmonic mash eliminated circuit and radio telegraphic signalling system for arc radio transmitters. W. To MI Regt for report action withheld 11/12 MI- fws special report on reduction of mash. 1/23 W Fwd Washg. vd-rept comments-2,21-W RB 3/10/22/W Fws MI 3/16 To Washington - Given Instrns 3/16
591626	10/19	Bar Harbor	Report covering interference with radio signals from unknown cause on 10/14 W
592444	10/18 10/26	PCCS Communications	Subm radio compass bearings for month of Sept. W.

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INTERFERENCE

1921

Number.	Date.	From or To—	Subject.
592493	10/18	III	Fwds report on reduction of mush and harmonics from arc transmitters. W.
✓ 594858	11/4	Independent Wireless Co.	Falls attn to interference experienced at New York station due to harmonics at 3130 kHz. To Chief Action 11/14
✓ 596328	11/16	Morehead City.	Fwds static log with report on atmospheric conditions month ending 11/15 W.
✓ 597899	11/29	Communications	Fwds copy of letter from Radio Corp'n rel to Phila. transmitter interfering with calibration receiver at Chatham. W. Fwds Director Naval Communications 12/9
599197	12/10	To Comats yards listed	Determination of direction of source of static interference—discontinuing work on W

INTERFERENCE

1921

Number.	Date.	From or To—	Subject.
583507	FROM CARD 34		
	Va. Beach. 10/16 W.		Va. Beach. 9/27 W.
	Hog Isl. 10/19 W.		Va. Beach. 9/29 W.
	Hog Isl. 10/20 W.		Hog Isl. 9/28 W.
	Hog Isl. 10/21 W.		Va. Beach. 9/20 W W
	Va. Beach. 10/19 W.		Hog Isl. 9/29 W.
	Va. Beach. 10/20 W.		Hog Isl. 9/30 W.
	Hog Isl. 10/24 W.		Va. Beach. 10/1 W.
	Hog Isl. 10/24 W.		Va. Beach. 10/3 W.
	Hog Isl. 10/22 W.		Hog Isl. 10/1 W. (2)
	Hog Isl. 10/26 W.		Va. Beach. 10/2 W.
	Hog Isl. 10/25 W.		Hog Isl. 10/3 W.
	Va. Beach. 10/25 W.		Hog Isl. 10/2 W.
	Hog Island-10/27 W		Va. Beach. 10/4 W
	Virginia Beach-10/27-W		Cape Hatteras- 10/1 W
	Hog Island-10/29-W		Communications- fws report from Grand
	Balto-10/31 W		Isl. 10/5 W.
	Hog Island 10/28-W		Va. Beach. 10/5 W.
	Hog Island-10/30-W		Va. Beach. 10/8 W.
	Communications-Report from Grand		Va. Beach. 10/10 W.
	Island. 10/28 W.		Hog Isl. 10/7 W.
	Va. Beach. 10/31 W.		Hog Isl. 10/8 W.
	Hog Isl. 11/1 W.		Hog Isl. 10/10 W.
	Hog Isl. 10/31 W.		Hog Isl. 10/6 W.
	Cape Hatteras. 11/1 W		Hog Isl. 10/9 W.
	Hog Isl. 11/2 W.		Va. Beach. 10/11 W.
	Hog Isl. 11/1 W.		Hog Isl. 10/4 W.
	Communications. 11/3 W		Hog Isl. 10/5 W.
	Va. Beach. 11/3 W		Va. Beach. 10/12 W.
	Va. Beach. 11/2 W.		Grand Isl. 10/7 W.
	Va. Beach. 11/1 W.		Hog Island 10/11 W.
	Pass-A-Moutre. 10/31 W		Hog Island 10/12 W.
	Hog Isl. 11/3 W.		Hog Isl. 10/13 W.
	Va. Beach. 11/4 W.		Hog Isl. 10/14 W.
	Hog Isl. 11/4 W.		Va. Beach. 10/13 W.
	Hog Isl. 11/5 W.		Va. Beach. 10/15 W.
	Va. Beach. 11/1 W.		Forehead City-10/15 W.
	Hog Isl. 11/6 W.		Hog Isl. 10/15 W.
	Hog Isl. 11/6 W.		Va. Beach. 10/15 W.
	Hog Isl. 11/7 W.		Hog Isl. 10/16 W.
	Va. Beach. 11/7 W.		Cape Hatteras- 10/16 W.
	Hog Isl. 11/9 W.		Hog Isl. 10/17 W.
	Hog Isl. 11/13 W.		Hog Isl. 10/18 W.
			5th Dist. 10/19 W.
			Va. Beach. 10/18 W.
			Communications- fws report from Grand
			Isl. 10/15 W.
			Cape Lookout 10/15 W.

INTERFERENCE

1921

Number.	Date.	From or To—	Subject.
583507	OVER		
	Va. Beach. 12/5 W		Va. Beach. 11/10 W.
	Hog Isl. 12/6 W		Grand Isle 11/4 W
	Hog. Isl. 12/7 W		Hog. Isl. 11/11 W
	Communication Report		Hog. Isl. 11/13 W
	from Grand Isl. 12/10 W		Va. Beach. 11/13 W
	Hog Isl. 12/8 W		Hog. Isl. 11/15 W.
	Va. Beach. 12/7 W		Va. Beach. 11/15 W.
	Hog Isl. 12/8 W		Cape Hatteras 11/16 W.
	Va. Beach. 12/9 W		Hog. Isl. 11/16 W.
	Va. Beach. 12/11 W		Hog. Isl. 11/17 W.
	Hog. Isl. 12/10 W.		Va. Beach. 11/17 W.
	Hog. Isl. 12/12 W		Cape Hatteras 11/16 W.
	Grand Isl. 12/2 W		Communications- Exds report from Frisco.
	Burwood 11/31- Monthly report. W		11/21 W.
	Pass a Louvre- 12/5 W		Hog Isl. 11/18 W.
	Va. Beach 12/7 W.		Hog Isl. 11/19 W.
	Cape Hatteras- 12/16 W.		5th Dist. Report from Cape Hatteras. 11/22 W
	Hog Isl. 12/14 W		Hog. Isl. 11/20 W.
	Communications- Report from Grand Isl.		Hog. Isl. 11/23 W.
	12/19 W		Hog. Isl. 11/22 W.
	Cape Hatteras- 1/1 W		Communications- Reports from Grand Isle. 11/25 W
	Burwood Sta- report. Pro Dec. W		Hog Isl. 11/24 W.
	Cape Hatteras 1/16 W		Hog Isl. 11/25 W.
	Cape Hatteras 2/1 W.		Hog Isl. 11/26 W.
	Pass a Louvre- 2/1-Jan. report. W.		Va. Beach. 11/25 W.
			Hog Isl. 11/26 W.
			Hog. Isl. 11/28 W.
			Va. Beach. 11/27 W.
			Baltimore 11/30 W.
			Va. Beach 11/30 W.
			Cape Hatteras 12/1 W.
			Va. Beach 11/29 W.
			Hog Isl. 11/29 W.
			Hog Isl. 11/30 W.
			Communications 11/3 W.
			Va. Beach. 12/4 W.
			Va. Beach 12/1 W.
			Va. Beach 12/2 W.
			Hog Isl. 12/3 W.
			Hog Isl. 12/4 W.
			Hog. Isl. 12/2 W
			Hog Isl. 12/3 W

INTERFERENCE

Number.	Date.	From or To—	Subject.
583234	8/30	Va. Beach.	Static report. W.
583263	8/30	Bureau Stand. Fabr.	Rsch Problem 106-B- reduction of harmonics and mush at arc stations- subm report. W.
583447	9/1	Baltimore	Static report. W.
583507	8/31	Hog Isl.	five static reports/ W.
	Va. Beach. 9/15		Grand Island 8/15 W.
	Cape Lookout 9/15 W.		Va. Beach 9/1 W.
	Grand Isl. 9/17 W.		Va. Beach 9/2 W.
	Va. Beach. 9/17 W.		Hog Isl. 9/1 W.
	Va. Beach. 9/16 W.		Va. Beach 9/4 W.
	Va. Beach. 9/18 W.		12th Dist. 8/23 W.
	Va. Beach. 9/19 W.		Cape Hatteras 9/2 W.
	Cape Hatteras 9/16 W.		Hog Isl. 9/3 W.
	Va. Beach 9/20 W.		Hog Isl. 9/5 W.
	5th Dist 9/21 Static report W		Va. Beach. 9/6 W.
	Hog Island 9/17 W.		Va. Beach. 9/7 W.
	Hog Island 9/15 W.		Va. Beach. 8/8 W.
	Hog Island 9/18 W.		Hog Isl. 9/8 W.
	Hog Island 9/16 W.		Hog Isl. 9/8 W.
CARD 34-A	Communication 9/21 static report for Grand Isle station W		Hog Isl. 9/7 W.
	Hog Island 9/21 W.		Va. Beach. 9/10 W.
	Hog Island 9/20 W.		Va. Beach. 9/9 W.
	Hog Island 9/19 W.		Va. Beach. 9/12 W.
	Va. Beach 9/21 W.		Hog Isl. 9/9 W.
	Hog Isl. 9/22 W.		Hog Isl. 9/10 and 11. W.
	Va. Beach. 9/22 W.		Hog Isl. 9/1 W.
	Va. Beach. 9/23 W.		Va. Beach. 9/13 W.
	Va. Beach. 9/24 W.		Grand Isl. 8/31 W. (3)
	Hog Isl. 9/23 W.		Hog Isl. 9/12 (2)
	Va. Beach. 9/25 W.		Va. Beach 9/14 W.
	Hog Isl. 9/24 W.		Hog Isl. 9/14 W.
	Hog Isl. 9/27 W.		Hog Isl. 7/31 W.
	Hog Isl. 9/26 W.		Burwood 8/14 W.
	Hog Isl. 9/25 W.		

INTERFERENCE

1921

Number.	Date.	From or To—	Subject.	
582471	8/23 9/24	1st Dist D.N.C.	Reports interference by Chelsea Station with Radio Corp Commercial station at Chatham. W	920-5
584789	9/9	D.N.C.	Cape May and Boston—radio Corp complains of interference. W.	
36 card	9/7 W	Phila. Subm reports on measurement of decrement of all waves for transmission at Cape May and Phila.	Fwd Phila 9/15 Communications—Rqst action 9/28 W	
585944	9/15	Fwd air communications 10/14 Communications 11/27 Morehead City.	Fwd Phila cc Dir comm 10/1 Fwd Phila 11/23 RB-12.9-W Report for month ending 8/15. W.	
586541	9/14 9/21	12th Dist Communication	Submits chart showing radio compass bearings of statics W	
586559	9/15	1st Dist	Communication 9/21 elimination of interference bet Navy & radio Corp. radio stations submits recommendations in detail W	
587221	9/29	To Bu Stds	Fwd 1 Dist via Boston 10/4 Reduction of harmonics and wash at Arc emitting Stations W	
587222	9/29	From Bu Stds Ask if disturbances from Arlington are same as at Balos Heights—10/3 W	Reduction of harmonics and wash at arc transmitting stations W Washn 10/7 W	0
	9/29	To Washn Bu Stds rel test of system cc		

Number.	Date.	From or To—	Subject.
58127	8/1	Va Beach	Static report.
58128	8/15	Hog Island	Static report. W.
581343	8/17	Va. Beach	Static report. W.
581302	8/18	Va. Beach.	Static report. W.
581535	8/15	Cape Lookout	Static report. W.
581625	8/16	Hog Isl.	Static report. W.
581690	8/16	Cape Hatteras	Static report. W.
581711	8/19	Va. Beach	Static report. W.
581770	8/18	Hog Isl.	Static report. W.
581836	8/12	Pug. Id.	Static report. W.
581907	8/20	Va. Beach	Static report.

Number.	Date.	From or To—	Subject.	
✓ 585540	8/19	N.Y.	Aids report on elimination of mush W	920-8
✓ 58297 6	8/21	Va Beach	Static report. W.	
✓ 582021	8/19 20 21	Hog Isl.	Static report. W.	
582114	8/15	Cape Hatteras	Static report. W.	
✓ 582087	8/22	Va Beach.	Static report. W.	
✓ 582263	8/23	Va Beach	Static report. W.	
✓ 582613	8/24	Va Beach.	Static report. W.	
582945	8/22	Hog. Isl.	Static report. W.	
582988	8/26	Va. Beach.	Static report. W.	
583082	8/28	Va Beach	Static report. W.	
583158	8/29	Va. Beach	Static report. W.	

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1921

Number.	Date.	From or To—	Subject.
578886	8/1	Capeatteras	Static report. W.
578970	8/26	MI	Static report, Yerba Buena and North island stations. W.
579124	8/4	Virginia Beach	Static report. W.
579443	8/5	Va. Beach.	Static report. W.
579741	8/4	Hog Isl.	Static reports. [4].W.
579755	8/5	Virginia Beach	Static report. W.
579823	8/5	Hog Isl.	Static report. W.
579731	8/8	Va. Beach	Static report. W.
580221	8/10	Va. Beach	Static report. W.

REFERENCE

Number.	Date.	From or To—	Subject.
579920	8/9	Va. Beach	Static report. W.
580092	8/7	Hog Isl.	Static report. W. ditto 8/8 ditto 8/6 ditto 8/9
580454	8/8	A.I.	Observations of static at receiving static s.w
580482	8/11	Hog Isl.	Static report. (2) W.
580595	8/12	Virginia Beach	Static report. W. Va. Beach. Static report. 8/12 W
580600	8/12	Hog. Isl.	Static report. W.
580833	8/14	Hog. Isl.	Static report. W.
580836	8/18	Hog Isl.	Static report. W.

INTERFERENCE

1921

Number.	Date.	From or To—	Subject.
577406	7/26	5th Dist.	Fwds static reports from Virginia Beach Station W. (2 letters)
577407	7/17 7/26	Cape Hatteras-- 5th Dist.	Static report. W.
577409	7/16 7/28	Cape Lookout 5th Dist	Static report. W.
577421	7/16 7/26	Virginia Beach 5th Dist	Static report. W.
577588	7/32 7/27	Hog Island 5th Dist	Static report. W. (2)
577589	7/27	5th Dist.	Fwds static reports from Va. Beach W.
577870	7/27 7/28	Virginia Beach 5th Dist.	Static report. W.
578083	7/29 7/30	Grand Isle. Communications	Static report. W.
578236	7/26	MI	Static report. various stations. W.

INTERFERENCE

1921

Number.	Date.	From or To—	Subject.
578260	7/10	Virginia Beach	Static report. W.
578301	6/29 7/1	Va. Beach. 5th Dist.	Static Report W.
578394	7/1	Balto.	Static report. W.
578399	7/29	Hog Isl.	Static report. W. Hog Isl. 7/30 W.
578398	7/31	Va. Beach.	Static report. W.
578405	8/1	Va. Beach.	Static report. W.
578476	7/28	Va. Beach.	Static report. W.
578739	8/2	Virginia Beach	Static report. W. (2)
578951	8/3	Bar Standards.	Sub report on radiation of mesh and harmonics at arc stations. To M.I.S.—Comments on. 8/8 W
578950	8/1	Hog Isl.	Static report. W.
578946	12/31	Hog Island.	Static report. W.
578920	8/3	Va Beach	Static report W.

INTERFERENCE

1921

Number.	Date.	From or To—	Subject.
572309	6/25	Pug. Cd.	Fwds special report on direction of static sources.
572653	6/27	Virginia Beach	Static Report. W. (2)
572808	6/30	Baltimore	Static report. W.
573313	7:2	Virginia Beach	(2 letters) Static report
573032	7/1	Cape Hatteras	Status report W
573500	7:2	Virginia Beach	Static report W
573500	7:5	Virginia Beach	Static report W
574763	7:9	Virginia Beach	(5 letters) static report. W
575577	7/23	To Radio Corp'n T	In re interference P.H. and Cavite W
		To Radio Corp'n 8/4	To MI Tel 7/23
		To Co. at Ft. Monmouth 8/9/21	Alexanderson (T) will start 2d transmitter 8/1 7/27 W
		To PCCS FH	To M.A. Tel 7/30
			MI (T) Report on Kibuka Interference. 7/30 W
			To Radio Corp'n Tel 8/1

908 : INTERFERENCE:

Number.	Date.	From or To—	Subject.	
574816	6:30	Pass a L'Outre	Static report.W	
574815	6:30 7:13	PCCS Comm	Static report.W	
574817	6:29 7:13	Grand Isle Sta Comm	Static report.W	
575440	7:13	PCCS	Static report.W	
575947	7:13	Windsor Beach Sta	Static report.W	
575				
547630	7-20	To Comdts DMC PCCS Flts	Interference caused by hp stations of Com service due to arc trans functioning for long periods of time without being utilized for signalling. W	876
575112	7:13			
575500	7:13			
575750	7:13			
577129	7/18 7/25	Burwood Communications	Static report. W.	

INTERFERENCE

1921

Number.	Date.	From or To	Subject.
✓ 567591	5/13 6/2	Communication Capt Frisco Communications	Subm static report. W.
567878	6/1v	Mara Isl.	Rsch problem- 100-a - elimination of induction from battery charging system- report covering. W.
568242	5/25 6/6	Grand Isle Communications	Static report. W.
✓ 568892	5/31 6/10	Burwood Communications	Static report. W.
✓ 568010	6-13	To Postmaster General 1213 ✓	Asks results of static conditions existing in Rocky mountain region. Offers loan of radio comp coil system to assist investigations. W. F.O.D. 4-15 W.
✓ 569887	6/11	MI	Fwds static observations reports Yerba Buena North Island and San Diego. W.
✓ 570115	4/15	Cape Matteras	Static report. W

1921

Number.	Date.	From or To--	Subject.
570228	6/16	Morehead City	rwds static report' W.
570467	6/15	Cape Lookout	Static report month ending 6/15 W.
570609	6/14	Cape Hatteras	Static report W.
570597	6/13	MI	Resch problem 106-B-reduction of mush and harmonics- at Arc stations- report cov. W.
570646	6/18	Virginia Beach.	Static report. W.
570738	6/20	Va. Beach.	Static report. W.
571279	6/22	Virginia Beach	Static report. W.
571478	6/23	Virginia Beach	Static report. W.
571940	6/11	MI	rwds static observations from various stations. W.
572051	6/25	Virginia Beach	Static report. (2) W.

INTERFERENCE

1921

Number.	Date.	From or To—	Subject.
562187	5/5	Communications	Recd copy of letter from 2003 rel to receiving results at Frisco. W.
564081	5/10	MI	Static report Yerba Buena and North Island. W
564003	5-17	To S&A	Reqst shipment of dynamotor from Anacostia to G.E. Co. W 7464
564550	5/15	Va. Beach Comp Sta.	Static report. W.
564551	5/13	Cape Lookout Comp Sta.	Static report. W.
564552	5/16	Morehead City	Static report. W.
564952	5/15	Cape Hatteras	Static report. W.
565301	5-23	To Comdt Boston via Marine Island	Effect of auro borealis on radio receiving circuits. Reqst info re: Bar Harbor or Yerba Buena stations. W Boston 6/8 MI 6/15- W
567135	5/31	Balto. Sta.	Static report for May. W.

INTERFERENCE

1 1921

Number.	Date.	From or To—	Subject.
565536	5/13 5/19	12th Dist/ Communications Fwd Bu of Standards 12/9 To LI- comments on 12/10	This corres. on use in conn with radio static observations on static of sun spots to 12th Dist. apply of procedure outlined for investigation 6/23 Communications- Fwd Report from Cap T. J. See on effect of sun spots on radio commens. Pacif. Coast Static report. W. 11/15 W
565864	5/2	Hog Isl. Camp Sta.	
565913	5/15 5/23	La. Hatteras Sta. 6th Dist.	Status report for month ending 5/15. W.
566277	5/9 5/26	Pass A Loutre Communications	Static report. W.
566278	5/18 5/26	Grand Isle. Communications	Static report. W.
566275	5/12 5/26	Pass a Loutre Communications	Static report. W (3)
566492	5/14 5/27c	Burwood Communications	Static report. W.
566400	5/11 5/27	Grand Isle Communications	Static report. W.
566401	5/18 5/27	Burwood Communications	Static report. W/

Number.	Date.	From or To—	Subject.
555859	3/29	MI	Fwds special report of interference between adjacent vessels using osculating audions. W.
556197	4/5 4/6	Bar Harbor 1st Dist.	Subm observations on direction and origin of status by radio compass. W.
556552	3/31	Balto. Station.	Static report for month of March. W.
557177	4/12	Communications	Fwds copy of letter from Commissioner of Navigation in conn with interference from Naval stations on West Coast. W. To Com 4/14 To Navist- 4/14
558589	4/17	Virginia Beach	Report on static observation month ending 4/15 W.
558722	4/16	Morhead City	Fwds static log, month ending 4/15 W.
558993	4/15	MI	Fwds static observations, North Isl Sta, months of October, November, December, 1920, Jan. Febr. March, 1921. W.
555828	4/28	To Comdt's Yards	Determination of direction of static - Static shld be fwded with monthly report and shld incorporate inform on dir and nature of static noted W 9th Dist. 4/29 W 4th. 5th. Fwds special reports. 5/4 W. Fug. 3d. 5/3 W.

N. P. 124
 INTERFERENCE

1921

Number.	Date.	From or To—	Subject.	
✓ 559052	4/5	MI	Fwds reports on static observations at North Isl. & San Diego.	
✓ 559189	4/17	Cape Hatteras	Static report month ending 4/15 W.	
✓ 559356	4/15	MI	Fwds static observations, San Diego Sta. W.	
✓ 559389	3/23 4/19	Nav. Attache, Copenhagen Communications.	Fwds copy of application of E. M. C. Tigersteady for patent covering cryptophone, an instrument for sending wireless messages which can be received only by certain stations. W. rd Anacostia 6-7 RB 6/14 W Fwd Commun 6/18	
✓ 559528	4/16	MI	Subm static observations report at Yerba Buena W.	
550021	4/16	MI	Fwds static observations for Yerba Buena. W.	
✓ 561364	4/30	5th Dist.	Fwds static rep log for month of April. W.	
561693	4/24 5/3	Burwood Communications	Static report. W.	
✓ 562037	5/1	Cape Hatteras	Static report. W.	

INTERFERENCE

1921

Number.	Date.	From or To—	Subject.
531718		FROM CARD 24	Europ Forces- Fwds report of experiments conducted on board Olympic on effect of magnetic radio conditions in the Adriatic. 2/16 W To European Forces 3-11 Europ Forces- Rqst allotment be made to ST LOUIS instead of OLYMPIA. Copy- 5/4 W To ST LOUIS rel transfer allotment exprs OLYMPIA to ST LOUIS authorized 5/16 Europ Forces- Fwds data sheets on static. 11/13 W Turkish Forces- 12/8-fwds charges. 12/8 W
526712		SEE CARD 24	To MI Reqst inform re completion of relays 3/10 W To MI Reqst inform 3/26 MI- 3/31 W To MI Constrn of addnl Fanning relay Authd 4/13 San Diego 6/27 T- Relays ready for shipment W To S&A shipt of radio relay from M. Island to Bureau of Standards 6/30 7993 BB 8/1 W Shipt order from M.I. to Anacostia 6/30 7994 BB 9/24 M.I.s- submits prints of Fanning relay. 6/29 W To M.I.s- 8/2 MI- (T) Fanning radio relay shipt to Bur Standards 7/30 8/4 W. To M.I.s- 8/9 W
552353	3/15 3/17	Moreshead City- Communication Dept	Ask if hourly up keep of static log is still in effect. W.

INTERFERENCE

1921

1

Number.	Date.	From or To—	Subject.
552888	3/15 3/21	Cape Hatteras Communication Supt.	Subm observation of atmospheric monthly ending 3/15. W.
553071	3/19	Morehead City	Fwds monthly static report. W.
553287	3/18	Pacif. fleet	Calls attn to interference between adjacent vessels using oscillating audions. W.
553315	3/18 3/24	Grand Isle Comp Sta Communications	Subm static report. W.
553533	3/23	Cape Henry Comp Sta	Subm static report. W.
553589	3/9	4th Dist.	Fwds static report. W.
554971	4/1	4th Dist.	Fwds static report from Comp Sta. W
555631	4/5	Communications	Fwds static report from Grand Isl. W.
555923 8	4/4	Bur Stand. Labr	Recommends instrns be given cov determination of static direction at stations listed. W. Bar Harbor- 8/8 Y Bar Harbor- 9/2 W

INTERFERENCE

1920

Number.	Date.	From or To—	Subject.
532200	12/1	Communications	Interference from radio station at Perry. Ward- report covering fwd Sec 12/3 RB 1-1/24 W. fwd Com on 1/3/22 RB 1-1/24 W.
533313	11/24 12/6	Pug. Bd. Deut	Beneficial suggestions by H. C. Cordes covering radio signal filter. W. Bureau Standards- Subm comments and suggestions in detail 1/11 fwd Sec 2-14-21 RB 2-18 fwd Puget Bd 2-21
535006	12/10	Mare Island	Rach problem 45-B- packing auto static relay and static reducing device - special report on. a
541011	1/12	Mar 4al and	W. S. Cordes of reports on rach problem 45-B packing automatic relay and static reducing device. W.
541183	1/19 12th Dist. Subm report on fanning relay 2/26	P.C.C.S. G. by g.	Associated Trans desire to cooperate in construction of packing relay at Pearl Har- bor. It will be proved To H. Is CCS Frisco Tel 1-20 fwd Sec via Intel recs rel 1-22 RB 2-3 fwd Comdt 12th Dist via MI and Com 2-12
542094	1/21	Wireless Imprvt Co	Request data be furn in conn with Co's making experiments on arc har mics of wash To 2-4-21 Wireless Imprvt Co. 2/15 W. Wireless Imprvt Co.- 2/23 W. W.
544532	2/3	Independant Wireless Tele. Co.	Call: atn to interference from To Washn gives instrn 1/11/21 To IL NY re complaint of independant wireless tel Co from Opera of 3 Dist. 2/11/21 RB 3/11 C. force tel to harmonics of wave of 213. W
544724	2/4	Co. private	

1921

Number.	Date.	From or To—	Subject.
545743	2/1 2/15	From Capt. in Dist To Bur Stand.	Radio graph of radio compass bearings and static for month of January. W
546763	2/15	Bur Stand. Labr.	Comments on arc interference and arc mush. W To Bur Standards 2-19
547275	2/16	Bureau Stand. Labr	Exds. description of new circuit for reduction of interference. W. To Bur Standards 2-25
547298	2/16	1st Dist.	Reqt no further work be done on. 8/8 W report on determination of origin of static. W
547323	2/18	4th Dist.	Exds. reports on observations of static made by Cape May and Bethany Beach compass sta. W.
547597	2/19	Bur Stand Labr	Inductively coupled area for elimination of harmonic and mush. W. To Anacostia 2-28
548031	2/16	Ham. Rds. Copy	To Wash. 6-15 Recommends NC-2 be sent to aircraft Party for over haul preparatory to radio test. W.
547630	2-23	To IN's Comdts	Interference caused by hp stations of cam service due to arc trans functioning for period of time without being utilized for signalling W 675
549632	3/2	Anacostia.	Problem 36—subm report on investigation of atmospheric disturbances on all wave lengths. W. To Washn Reqt development work be expedited 3/15

INTERFERENCE

1920

24

Number.	Date.	From or To	Subject.
505640	7-17	To Navy. (see 909)	12 inch gong- loan to Telautograph Co. Request comply with request of Co when made. 1 copy to Telau Co.
515611	9/1	GCS copy	Reports on interference from F. Bulko, East investigate situation; see. 10. 10. 10.
516924	9-4	Mare Is	Research report 45-F; Fanning's static reducing device; report of test; W
515151	9-16	Boston	Submits estimates; W
517509	9-14	Anacostia	Problem #74, static reducing circuits; reports on test; W
522570	10/5.	Mare Island	Fanning automatic relay and static reducing device - report covering. W.

908 INTERFERENCE

Number.	Date.	From or To—	Subject.
526712	10-23	Mare Is	Research problem #45: Panting automatic relay and static reducing device; report on: W.
		Mare Island- 11/7/8. 26	To M.I. report recs 11-13 copy Com Pac and Asiatic
		Mare Island- 11/13/8	Fleet Obs serv tory Mare Isl. 3/2/21 W
528473	11/5	Subm estimate. 11/24	Fwds special report on experimental adjustable mechanical stop air resonance static limit device. W.
		Pug. 3d.	To Fleet 3d 11-19
			Pug. 3d.- Fwds special report on static eliminating devices. 2/24 W
528655	11/4	San Francisco Sta.	11 Com. with determination of direction and origin of static by radio compass. W.
	11/9	1st Dist.	
529248	11/4	Mare Island	W. report on static observations at Prisco radio control stations W.
529542	11/8	Grand Isle Comp Sta.	Subm static report. W.
	11/15	Com. Stations	
529576	11/8	Mare Island	Fwds special report on investigation of static observations at San Diego Sta. W.
			To Com. 11/12/8 W
531093	11,23	Independent Wireless T Co.	Fwds copy of letter from J.A. Basson in connection with interference by Sayville and Annapolis stations. W
			Fwd Washn 11-29
531718	11/15	Europ Forces	Fwds letter from O.O. Paterson detachment Radio Officer, with prints rel to effect of moon on radio conditions in the Adriatic W. (Loss moon effect on Radio (new card) To European Forces. comments 12/22
TO CARD		Fwd Eur stas 12/2 RB 12/18 W	
24		Adriatic Forces- Report on effect of the moon on radio condition in the Adriatic 2/3 W	

INTERFERENCE

Number.	Date.	From or To--	Subject.	
478848	2/28	Norf	Investigation of induction interference with and audion frequency amplifier directly connected in the antenna; submits report with photos. To IM Norf 3/11	W.
479870	2/19	Lt. W. N. Fanning	Norf - fwds report on investigation of static and induction interference with an audial frequency amplifier directly connected into antenna - W 3/19 Automatic relay and static reducing device - report covering. Communications - Fwds copies and tape in conn with using automatic relay 4/6	W.
484454	3/29	Bur Stand Labr.	Fwds report of "Study of static, in Porto Rico" by Dr. W. W. Austin. Bur Stand Labr. Fwds revised report. 4/5	W.
485950	4/1	F. C. C. S.	Interference at Yerba Buena Island and Honolulu - subm report covering, with recommendations covering research work. Communications - Fwds report of FCCS cov interference. 4/7	W.
487201	4/5	American T/T Co.	In conn with demonstration of printing telegraph used in receiving radio signals.	W
492088	4/3 5/6	4th Dist Communications	Submits observations of static effect on radio compass coils - W	
492871	5/6	Anacostia	Subm addtl inform in conn with interference preventing circuit, fuding diagram. Anacostia - Fwds report of interference preventing circuit with diagrams. 5/6	W.

Number.	Date.	From or To—	Subject.	
493566	5/4 5/15	Hamm Hds. Hort.	Recommends spark receiver at Hamm Hds. be equipped with apparatus for eliminating radio interference equal to that used for Atlantic Fleet.	W.
493620	5/1	Earl Harbor	Mutual Telephone Co. unable to work due to interference from Earl Harbor transmitter - sub report covering. rwd Com 5/18 RB 5/21 W	W.
494758	5/12	Farø Island	Instrns to change 500 meter commercial wave lengths to partially eliminate interference.	W.
497868	6/3	Dr. L. W. Austin	Subm report on study of direction and static in Porto Rico. and Secty 6-8	W.
501775	6/2 6/9	Mutual Telephone Co. Pearl Harbor	Are unable to work due to material troubles; ask if can purchase from Pearl Harbor. To P.H. - auth loan 7/6	
502160	6/25 ?	J.H. Claus Dept	Subm comments on design of radio receiving circuit which will reduce static disturbances; ask if Eur wishes demonstration.	898
504465	7/9	Dept	Encs copy of letter from J. H. Claus in connection with design of radio receiving circuit to greatly reduce static disturbances and increase signals.	

INTERFERENCE

Number.	Date.	From or To—	Subject.
✓ 461758	12/5	Jno. Firth	Dr. McGee will visit Bur 12/8 in conn with static and interference preventer. W.
463123	11/28	Pearl Harbor	Rejector circuit for elimination of arc interference - report covering - W To - Desires further information. copy to Kure Island. 12-17
464131	11/25 12/1	Wailupe Hawaii	Subm report on operation of tone traps. W
✓ 467527	1/2	Dr. Austin	Study of static condition in tropics - record and film for Fwd Dept. 1-8-30 RB 1/16 Dept. Authorizes trip of Dr. Austin to Porto Rico to conduct investigation in conn with static conditions. 1/13 X 635 -44 W.
✓ 473789	1/31	A. Crossbey	Subm. information re procedure which will be followed in investigating atmospheric disturbances on long wave lengths. W.
474226	2/4	Washington	Test of interference between antenna with fire room control apparatus at Washington Yard. Request be cancelled and assigned to OHIO. to Cas Washington 2/7 W

Number.	Date.	From or To—	Subject.
426502	from card 20		N.Y. 1/12
474575	1/30	Anacostia	Uni-Directional or barrage circuit- subm comments on with print.
476467	2/3	Pearl Harbor	Fwd's suggestions for eliminating of arc much interference of radio receiving circuits.- E. D. Andrews application for patent- fwsd. X 8-6.2 fwd Cdt P.H. 3/3 RB 4/28 W.
TO CARD 43			To Pearl Harbor. 3-8
477817	2/19	Pug.Sd.	To Comdt Pearl Harbor- Asks length of time circuit of and was 33 in use at failure 2/19 W Fwd's copy of paper entitled "Decreasing Effectiveness of Disturbances rel to Desired Manifestation of Energy thru limiting their Amplitudes", by M. H. Merriott To R.H. Merriott via Cdt Pug.Sd. will upon receipt of special type tube having limited emission try out this schem. and reqst continue investigations addtl characteristics of circuit for limiting device for radio communication 4/6 Pug. Sd.- fwsd data on status 11/2 W

INTERFERENCE:

Number.	Date.	From or To—	Subject.	
441147	8:19 8:21	5th Dist Com	Sub report of army radio activities near Cape Henry and position deteriorating same may have on compass station. W To Commun 9/18	
441149	10:1	Com	Fwds correspondence, report and prints pertaining to re-location.	
441313	8/13	Communications <u>CANCELLED.</u>	Subm report of interference by Phila. with S.O.S. signals. W.	
443285	8-6 8-28	Pearl Harbor Supervising	Calls attention to interference from arc transmitters. To Pearl Harbor—Advises pending receipt of acceptance test at Porto Rico Sta making temporary installn at Annapolis for rep of Bu and Fed Co to conduct expts cc to MI 9/5	W
444551	9-4	Puget Sound	Fwds tentative scheme for working through static by varying transmitting power.	W
448557	9:30	Com	Fwds copy of despatch for Georgetown in con with station being unable to receive calls from Key West. W To Commun 10/3	

Number.	Date.	From or To	Subject.
449850	10;2	J Firth Co	Request long range wave receiver be loaned to Dr McCon for experimental purposes, eliminator of interference preventor. Cross to 896 Jno. Firth 11/13 Jno. Firth 11/13
452434	10/17	Bar Harbor Copy	Request authority to make observations from Marion. & report results. W.
452682	10/18	Anacostia	Expt sketch of interference preventing circuit with comments on W 875
418236	FROM CARD 19		John Hays Hammond 10/15.
457285	11/11	Communications	Subm. report of interference to Radio Communications, Pacific Coast Ballina High Power Sta. W

1-10-1919

Number.	Date.	From or To—	Subject.	
✓ 426302 TO GARD 22	6:17 8/12 8:8	Com for install Cape May 7/14 1st Secty 8/12 BB 8:21 Com-Recst appropriation for \$175.00 Cape Henlopen Compass Station 8:8 Cross to 919-1 To CG- all of 175.00 8/20 To NY-Auth exp of \$200. 8:23 To LMC inst alln authorized 8/30 Boston- 8:26-Recs N.Y.-Fwds reports on experimental work with Loop antenna 12/20 8:14 MI	Recs performance exp at Boston, N.Y. Cape May and other distant cont station to eliminate interference. To IM Comdts Yds- reqst comments and recs be made concerning unsatisfactory conditions at Boston NY am Cape May 7/1 cc to Comm To Commn acknow lettr 6/17 in of opinion Material off will be respon for inspec begin 7/1 cc to NY Phila Bos 7/1 Com-Recs 7:28 To Phila-Auth draw from material stock one rec Sketch of audion circuit in con with reduction of interference.	
431855	7:7 8:10	1st Dist Com	Boston radio station, dif in com, fws correspondence in con with.	W
✓ 431793	7:9	Bu Stand	Local interference, fws sketch with com- ments on.	W
✓ 432687	7:7 7:15	Naval Academy Naval Intel <u>VOID</u>	Fws reqst of Holland to publish text for use of Midshipmen in con with operation of radio compass.	

INTERFERENCE.

Number.	Date.	From or To--	Subject.	
432985	6-24	Mars Isl	Interference on short waves due to high power area at Bahialwa- Report novg.	W
433422	7:11	NI	Reqst assign medium wave rec app listed to East San Pedro in con with conference.	W
298505	FROM CARDS 13-16-17		To A. H. Taylor- Amendment to patent- 7/22 To A. H. Taylor- calls attention to enclosures fwd 9/6 To LRT- req fwd info in re to statement fwd 10/17 To Lt Comdr A. H. Taylor- reqst return of encl with comments 11/28 Anacostia- Fwds photostat of R. A. Wagant patents application, with detailed comments on. 11/28 To Secty via So/ 12/11 To Attorney Gen. reqst take over prosecution of case 12/11	

INTERFERENCE:

Number.	Date.	From or To--	Subject.	
403418	3;19	New Orleans Tel	Old Number.	
✓ 403992	3;11	J C Cooper Jr.	Sub infor radio app left in this country by Lt Taternot.	W
410023	4/8	8th Dist	Submits report covering results of additional experiment conducted in view of eliminating interference from land arc transmitter.	76
411643	4;11	Pg Sd	Special report of invention of interference from atmospheric and other disturbances.	W
412368	4;15	Pg Sd	Invention of interference from atmospheric and other disturbances. 1st prints. To Puget Sound- request duplicate copy be fwd 5-5 Pg Sd-Fwd report. 5;13	W
413921	4;13	Naval Attache Rio de Janeiro	Req descrip of weapon apparatus.	W
	4;21	Naval Intel	To Naval Intel-Fwd 4;29	
✓ 401291	3/10	O Eddleman	Sub report cov invention of stary which can be used with present equip on ships req appr be brot to Wash when ready for demonstration W	

1919

Number.	Date.	From or To--	Subject.	
413882	4:29	TO S&A	Reqst ship from Hampton Roads to Werrf. of antenna wire.	W
415199	4:17	W H Farming (Cordova)	Circuit disclosed in Weagent's Static as published and tel are used at lat S. station since July 1918, are awaiting report on instal at Cordova.	W
417268	5:8	Destroyer Force #2	Bu design rejector, fws report on alteration made, method of use and results, obtained. fws as hm 5-22 RB 5:29	W
418236	5-14	To Hammond Res Lab	Arranging for necessary personnel and facilities for test of sets.	W
SEE CARD 21	7:9	advises comman with Boson 7/3	To Boston- rel to above 5-14	W
422303	5-28	Co-No objection to loaning tubes	To Boston reqst info progress 5/26	W
421471	5:21	7:9 Boston-states no report on test	Radio Res Lab- Bu. fws West Elec tubes. 6:29	W
	6/27	short wave rapid transit has been made	Boston- Hammond trans. set has not yet been tested. 7/2 To Western Elec and GE Co	W
		West Elec Co 8:55 Boston-8:11-	asks if any objections loan of tubes 7/3	W
		Asks what test desired on set.	To Boston- re test of trans 7/3 To Hammond Re Co	W
		5-28 Amer. R & R Corp.	Device to diminish interference and the effects of static on ordinary type antenna-	W
		further material until yard Bos sub	East oppor to present matter to Bureau-	W
		report on just what tests consist in	Amer. R & R Corp: request loan of a receiver #1420 & that Bu authorize loan of certain appliance by Boston yard: 6-20. W	W
			To American R & R Corp- does not desire loan	W
			fws letter from City of Miami complaining of interference from radio station in using tel lines.	W
			To Western Elec Co- asks suggestions re	W
			above 6-5 To American T & T Co- quotes from	W
			letter to Dept by South Atlantic T 7 T	W
			West Elec Co 6:7	W
			Ch May 2nd re above 6-5 To KW matter taken	W
			up with 6-5cross to firms	W

INLET MESSAGE:

Number.	Date.	From or To—	Subject.
562827	10:23 10:26	3rd Dist Com	Submits report of classification of static. W Fwd May Comm 1-14
361713	10/31	Boston	Set d of rail line interference when train is in use. 1-3
✓ 364423	10:15	CO Caesar	Submits report of rails. W 5th Dist-Asks if shall hold further experiments, sub report. 1-3 Bu Standard-Asks if bureau desires further test.
365041	10:31	CO Caesar	Sub report of test of runner I M Beckford of radio reception through strays. W
✓ 365819	10:25	Bailoa	Sub report of test of runner I M Beckford's method. W To— RE results of above 11-20

Number.	Date.	From or To-	Subject.	
381237	12/14	Pearl Harbor	Reg d attiled info regarding rec circuit to eliminate interference W	815
389030	1-28	To Inter Radio Tel Co-	RE former discussion with F. H. Kruger re question of eliminating static	7
396177	2:18	Com	Recs transm on all parts of tuned for only commercial waves be tuned for transm 1755 and 952 meters. To Communications- Wad Te tel for info 2-28 To Commun- reqst info re 3-11 Com-Gives wave length Fech. W 3:20 Coded Commun 5-14	
383748	2/26	To John Firth	Asks have Doctor McCae supervise test of in interference preventer and reqst into date	893
397953	2-28 Great Lakes 3-20 Ports - 3:28 New York 4:2 PS Sd 4:9	To Myers, Comdts	Asks re action taken re tuning all transm as vessels become available to all wave lengths included in their range particularly 952 and 755 meters- RB 5:12 To supplement par 2 "all transmitters" ref to shall be interpreted as applying to transmitters on vessels operating as t Hoop These ports 3-5 New Orleans. 3:8 Pensc 3:10	
399484	3-5	To Supt via LO Comdt	Asks info re straggles on. Naval Station re 3-5 months during which a rise in radio disturbances become detrimental to good radio communications- RB 5:16	

INT. REPORTS.

Number.	Date.	From or To—	Subject.
✓ 329548	7:23	Dr L W Austin	Sub preliminary report on distant radio tel and sig. W
✓ 331392	6:19	Cavite	Stray elimination by audion frequency compensation, fws report runner W T Vickford and J W Little. received back 9/14 To— Stray elimination by audion frequency compensation 8/19
331652	7:27	Belmar	Experiment 2-C special circuits for strays, fws report.
331654	7:27	Belmar	Experiment 2-C fws prints of special circuits.
✓ 33907	7/15	Cavite	Fws sketch with report of runners I R Richford and J W Little in connection with elimination of strays To— BU or Stand. 8/23 To— Quotes Statement of Dr. Austin. 9/10 To— Dist - 11:20

To 5th Dist. has no objection to your applying for patent on stray eliminating device, 11-29

INTERFERENCE:

Number.	Date.	From or To—	Subject.
342841	8:25	Belmar	Comparison of radio using balance circuit with and without condenser.
✓ 317998	9:11	Wireless Spec Co of S Davis-Tel. req early decision. 9:24 1st Dist. 10/8	Static elimination invention of Pickard, req authority to reopen radio station on their Boston yard. Cross to 798-5 To Com. Re: Mr. Pickard should be rendered the privilege reqtd. 9/25 Received back 10:5
✓ 319229	9:19	To Mr. Lambert work be addressed to Mr Lambert and not to Western Elec Co 12-31 x To Western Elec Co- Asks that record pertaining to secret radio phone devices in transmitting for Mr Lambert be closed 12-31	Received back 10:5 To Mr. Lambert. 10:1 To Western Elec Co - 10:1 To Aircraft Radio Lab By Standards-Fwds let sent Western Elec Co-future info in this exp
352210	9:24	John Firth	Req circuit diagram of of standard type tube, sample of which was rec from West Elec Co for test. John Firth-Req Bureau expert visit lab. 10:31 To J Firth. comments on above 11-14 John Firth 11:14 To Lt Col A. H. Taylor Hamp Rds- Fwds certified receipt for assignment fee for Patent Application 10-17 To Lt Comdt A H Taylor- fwds assign form 3-27
SEE 20		See DATA 13 and 16 fwd Sol 4-12 To AH Taylor- recast original copy of amendment be executed and returned 4-12 To A Taylor fwds copy of prelim statement 7/15	
362898	10-24	NY	Proposed arrangements for receiver wiring- fwds prints

THE UNIVERSITY OF CHICAGO

Number.	Date.	From or To.	Subject.
318420	6:17	Belmar	2-C Special circuits for reduction of stray, fws switch with report on. W
319539	6:20	F K Vreeland	Reqs list of radio stations in connection with his devices. W To H. Rds. fws. papers for execution. 9/6 on rec. 10:25
320126	6:22	Belmar	Exp. 2 - C Special circuits for reduction of strays, gives status of. W
319836	6:29	Do West V. ID	Radio Tel - 7-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-98

INTERFERENCE.

Number.	Date.	From or To—	Subject.
✓ 324515	7:6	Belmar	Experiment 2 C Special circuit for reduction of strays, fwds report, w
✓ 325722	5:25 7:10	Lt Sidney Atlantic Fleet	Describes their apparatus for creating and working their interference. W To Atl. Fleet. Comment on radio telegraph. 7/16 received back 8:28
✓ 325589	11:5:17	Communication	Interference by New Brunswick radio station, reports from listening in station City College N.Y.
✓ 326049	7:12	Naval Communication	Use of receiver in France to eliminate interference with Transatlantic radio signal, comments on. W
✓ 326698	7:13	Belmar	Experiment 2-C Special circuits for reduction submits report. W
✓ 326704	7:15	Washington	Static transmitter proposed by Hanson & Adams, submits report of test.
✓ 326048	7/15	Envd. Nav. Com.	Use of uni-directional rec'r in France to eliminate German interference with reception of Amer. transatlantic radio signals. W

INTERFERENCE:

Number.	Date.	From or To—	Subject.
308719	5-18	Belmar	Expt 2-C special circuits for the reduction of strays in radio telegraph - submits detailed report on. W
311882	5/29	Naval Communication V	Rwds two letters from Lt Wm Fanning in connection with improvements in radi signalling receiving frames and underground antenna - W
311923	5-20	Belmar	Expt 2-C - Special circuits for reduction of strays - submits detailed report on. W
312490	5-1	Nicola Tesla T	Static preventor being developed - request for necessary action to avert interference in the Nicola Tesla - T - request reply to T Nicola Tesla - Offers service in connection with development. W Nicola Tesla Co - Request action on letter 6:9 C 7:17 Do - will reply to his let. of 5/9 as soon as possible. 7/19 Tesla Company 3:5

INTERFERENCE

Number.	Date.	From or To	Subject.
313106	6/4	G. H. Clark	Report on preliminary experiments on methods for reducing interference for quenched gal. radio telegraph transmitters- W Atlantic Fleet-recommendations 6/12
314792	6/7	Belmar	Experiment 20-special circuits for reduction of starters in radio telegraph-calls attention to two new circuits.
315187	6/11	To Marconi	Sub. comm. report on radio transmission of electric radio signals by Belmar Sta. Marconi Co - 6-13
31781	6/15	To C. in Chief, At. Fleet	Re radio telegraph - 6-15 Office, V. 6-15
319298	6-13 6-21	Newport Ordnance	Sub. report of investigation in connection with discharge of electricity in vicinity of radio plant at torpedo station. W Bwd. B. of Ord. 7/1

1918

INTERFERENCE.

Number.	Date.	From or To—	Subject.
✓ 298997	1/21	GE Co Fwd NY Bruns- Via NY- 7-3	Interference rel to tests at Belmar-particular reference to radio barrage.W To GE Co--In re above-5-3 To New Brunswick. Have author. Dr. Alexanderson to test out principle of radio barrage. 6/25 To GE Co. Accepts above offer. 6/25
300251	4-20	Belmar Sta	New Brunswick 6:28. Experiment 3D - routine observations on trans-Atlantic reception. Submits report. W
300250	4-20	Belmar	Experiment 2C - for reducing strays in radio telegraphy. W
✓ 300309	4-24	To Marconi Co	Accepts services of Mr Campbell and fws full reports of Mr. Weagant with his device of eliminating static. W Marconi Co - W 4-29
✓ 301430	4-22	Miami	Ask if cable loaned by Dr. Austin is to be retained at station or shipped to Tuckerton. W To Miami- ship wire to Tuckerton-5-2 To Miami. - asks disposition to make of cable. W 6:27 To Miami. Re:td. that cable be retained at Miami. 7/17
302236	4-28	Belmar	Experiment 2 - C - Special circuits for reduction of strays. W

908 - INTERFERENCE

Number.	Date.	From or To—	Subject.
302239	4-28	Belmar Exp 3-D	Routine observations on Trans-Atlantic radio reception. W
304513	5/6	Belmar	Submits report. W
306308	5:11	Belmar	Experiment to - Q special circuit for reduction of stray for radio telegraphy. Storm rendered receiving impossible. Comments on remedy for W
306308	5:11	Belmar	Fwds Kerrs experiment 3 - D Observation on Trans-Atlantic radio re-suction W
✓ 307577	5-13	To American Co	✓ This copy letter from American Tel Co - regarding static elimination - To American Tel Co - 5-13

LETTER FROM

Number.	Date.	From or To—	Subject.
292959	10-26	4th Naval District	Confidential listening in stations - Cable list. W
297418	3-21	Belmar	Vreeland static eliminator - Vreeland in Belmar. Request authority to erect antenna for making experiments. W To—(T) Will be allowed at station only when army and foreign officers are present. 3/22
297418	3-22	Belmar	Vreeland static eliminator - Vreeland in Belmar. Request authority to erect antenna for making experiments. W To—(T) Will be allowed at station only when army and foreign officers are present. 3/22
292480	3/20	Vreeland Apparatus Co. NY 3rd Dist Comm Supt. Copy of letter to Vreeland, giving terms on which he will be allowed to conduct experiments with static eliminator. W	Stray eliminator-request authority to erect antenna for making experiments. W To 3rd Dist--Rec auth for. 3/27 Vreeland--ack permission with thanks. W
292819	3-23	Belmar	Special circuits for reduction of strays-reports on test of. W
293216	3-28	P.E. Edelman T	Re overcoming atmospheric disturbances in wireless sending. W To—Will hold test at Bu Standards. 4/1

INTERFERENCE

Number.	Date.	From or To.	Subject.
293900	3-29	Western Elec Co	Forwards copy of letter sent Dr. Millikin concerning status of Vreeland stray eliminator. W
294721	4/1	Belmar	Experiment 2-C special circuits for reduction of stress in radio telegraphy.W
295728	4-6	Belmar	Quotes unsigned cable reporting invention stray eliminating device 909
296322	4/9	L.W.Austin	Reports on test at Miami of weagents interference preventer. (static eliminator).W Fwd Belmar-4-23 RB 4-29
296439	4/7	Belmar	Experiment 2-C specl circuits for reduction of stress in radio telegraphy.W
~~297723~~			
297723	4/11	Belmar	Specil circuits for reducing static reports on.W
298853	4-14	Belmar Radio Sta	Experiment 2-C - special circuits for reduction of spares - forwards report. W
298505	4/15	Belmar	Request patent be taken out to cover eliminating device originated with A. White Taylor transatlantic communication officer. (Cross 896) See CALD 17
SEE 20	To Belmar-Rusting schematic out-line of receiving system to be fwded to Signal Corps-4-29		Belmar-4-11 To solicitor. Asks what action taken of let. of 4/24. 7/5. See C.R.D 16
			896

INTERFERENCE.

Number.	Date.	From or To--	Subject.
✓ 281385	2-13	Miami T	Request Lyons send, in order to make test. W To Nav C om--Quotes above. 2/16 R B 2/19 To G.H. Clark--(T) Not practicable change Lyons schedule. 2/20
✓ 281290	2/13	Comm	Fwds copy of letter received from Marconi Co rel to test Miami. W
✓ 281028	2/13	Ordinance	Request that radio expert aid Forbes be sent to Newport torpedo station. W To Post--(T) Directs have Expert Radio Aid W. E. Chadbourne report, etc Insp Ord at Newport Terp Station. 2/13 To Ord--2/14
282318	2/16	Austin T	Request audion batteries, bulbs, etc.
✓ 281745	2/16	To G.H. Clark	Wash yard mailing galena crystals today. W To S&A--Reqd ship of Galena Crystals from Wash to G.H. Clark. 2/19 To 1/8
✓ 282428	2-13	G. H. Clark	Submits report on progress of experiments with anti-static device. W
✓ 282596	2/13	Marconi Co Personal	Quotes message from Mr. Weagant relative to test at Miami - W

INTERFERENCE. 908

Number.	Date.	From or To--	Subject.
279181	2/20	To Bar Harbor	Fwds report and blueprint of connections used at Belmar Receiving center. W
✓ 284192	2/19	G. H. Clark	Progress of experiments for eliminating static. W ✓ To Amer T&T Co--Fwds reports with comment. 3/7
✓ 284871	2-25	Marconi Co	Relative to return of Mr Clark and Lt Weagant for test. W
✓ 286739	2-3	G.H. Clark	Requests instructions relative to leaving at Belmar Station certain material used in recent experiments. W
287828	3/4	Belmar	Special circuits for reduction ??--submits report. W
✓ 287666	3/3	G.H. Clark	Experiments with anti static device--fwds weekly report on. W
✓ 288761	3/11	Belmar	Experiment 2-C--special circuits for reduction of stress in radio--fwds report. W

INTERFERENCE

Number.	Date.	From or To—	Subject.
✓ 273894	1/15	To NY T	Directs deliver to Bu representative insulated wire and cable for ship as baggage to Miami. W NY (T) states Bu's representative unable to make arrangements to take wire as baggage 1-18
274591	1/15	Belmar	Request shipment of radio material to Miami for experimental purposes be traced.
275145	1-21	Clark T	Reports trenches not yet dug; doubtful if reception Wednesday; will advise later tomorrow. W
275762	1-22	Miami T	Request Western Elec Co ship by mail 10 J tubes.
To G.H. Clark	(T) 1/23		To G.H. Clark (T) Ten J tubes mailed by Western Elec today. 1/23
275506	1/19	To Naval Com	Detailed comments on tests of two methods proposed by Army. W
275521	1-21	G.H. Clark T	Reports on status of Weagant test. W To (T) will express material. 1/23 To S&A—Test shipt of material from Wash to Miami. 1/23
276350	1/25	To Belmar To Bu standards	Description of method used in measuring strength of cable. Repts fwd. W Belmar 1-25 To G.H. Clark and Geo A. Campbell—Fwds corres reports, etc. 2/6
To Geo A. Campbell	2/6		
277221	1-22	Communications	Radio circuits used by Signal Corps in trans Atlantic experiments. W

INTERFERENCE. 908.

Number.	Date.	From or To	Subject.
✓ 278285	1/28	G. H. Clark	Fwds weekly report of progress on anti-static devices - W
279265	2-2	Transatlantic Communication Officer Experiment 2-C, special circuits	
		To Chatham--Fwds print of balanced receiving set for reduction of interference, with comments. 3/8	for reduction of strays; submits weekly report on W
			To--Regt keep Bu advised of future results. 2/15
			Belmar--Fwds photographs-2/8
			Belmar--2/17
			To Belmar--2/21
279067	2/5	To Wash	Belmar-experiment 2-c submits report. 2/25
		To GE Co--4/5	Differential wound telephone. Possibilities of use in connection with hydrophones for detection of submarines. Fwds report of Lt.
			Leftin W B B 2/16
			Wash Yd - 2/9 - W
			Fwd New Lnd Base--2/20
280697	2-6	GH Clark.	Weekly report on experiments. W.
✓ 280709	2/11	G. H. Clark T	Reports of test being held - W
			To--(T) Will wire instrns when to return to Wash later. 2/12
✓ 280752	2/9	Marconi Co	Justos letter from Mr. Weagant on status of test - W
			To--2/12
✓ 280716	2/12	To G.H. Clark T	Ask when desirable to have man from British Marconi Co examine experiments at Miami. W
			To Sidney S t. J. Steadman--Visit if men satis.
			Are arranging time for such visit. 2/12
			S. J. Steadman-4-22

INTERFERENCE.

Number.	Date.	From or To—	Subject.
✓ 260945	11/15	To European Force	Report of test of static preventer at Belmar. Fwds. W
✓ 261605	11/5	R.A. Fessenden	Reports making improvements in interference preventers. W
✓ 262706	11/16	Naval Consulting Board	Fwds proposal of B.J. Fineberg for inter- rupting radio signals. To Capt Smith—Comments on. 11/26
✓ 262961	11/22	Belmar Radio Sta	Weagant system of interference prevention— Fwds report on experimental work. W
✓ 266019	12-3	George H. Clark	Recommends continuation of experiments on Marconi static eliminator at some other station than Belmar; recommends Miami; also writes relative to the CE Co's amplifier. W
✓ 266424	12-11	Belmar Radio Station T	Marconi Co request surveying instruments to be shipped to Miami, in connection with Weagant experiment. W
	12-14	To NY—Directs correct inventories. Marconi Co 12-18	To—(T) Shipt order has been issued. 12/12 To Marconi Co—12/14
266728	12/10	Belmar	Fwds report on experimental work with the Marconi gonimeter. W
266559	12-10	Belmar Station	Request interference preventer for power house. W

INTERFERENCE. 908

Number.	Date.	From or To—	Subject.	
267502	12/17	To S&A	Reqt shipt of wave meters from Belmar to Marconi Co. W To S&A—Reqt shipt of apparatus from Belmar to Miami. 12/17 To Belmar—Ask type and serial number of wave changer 12/28 Belmar 12/27	
268708	12/10 Fwd Dept	Marconi Co 12/29	Gives amount required for test of weagant P device at Miami. W To—Appvs allot of \$10,000. 1/4	
268820	12-15	Comm	States when broad casting on the spark on the 2400 meter messages can be heard on the arc listening in wave of 4000 meters does not interfere with reception of arc signals.	807
271205	1/4	To L.G. Villar	Radio secrecy system. Comments on, stating why not of value for military purposes. W	
271740	1/7	To Col. J.J. Carty	A circ led es receipt of hotostat copies of papers re static and electro magnetic induction. W	
272258	1/9	To Sidney Steadman	Anti static antenna experiments at Miami. Ask if desire to witness. W Steadman 1-11	
273112	1/12	To Marconi Co	Reqt push experimental work at Miami, and complete same prior to March 1st. W Co 1-15	
273115	1/12	To Belmar	Development of receiving apparatus to eliminate static by Mr. G.A. Campbell. Directs make arrangements for quarters for. W	

INTERFERENCE.

Number.	Date.	From or To—	Subject.
✓ 245921	8/8	Dr Austin	The Hammond method of secret radio communication; submits report on, with diagrams covering. W
251935	9/29	To M. Is.	Special experimental work. Operation of an arc transmitter with an iron core inductance in series with the antenna. Reqt bring comments to attention of Fed Co. W M Is—Further report on experiments. 10/26. W
✓ 251938	9/29	To Capt Smith	Secret method of radio transmitting. Has been tried and found not practicable. Comments on. W
✓ 252337	10/1	To Col J.J. Carty	Fwds copy of plan of procedure for transatlantic communication. Directs consider confidential. W War Dept 10. 2
252522	10/4	To W.F. Durand	System of secrecy sending, of R.H. Reynolds is not practicable. Too cumbersome. W
✓ 253051	10/4	To Marconi Co	Fwds extracts from reports regarding tests of anti-static receiving circuit at Belmar. Reqt keep confidential. W To—Fwds blueprints. 10/9

INTERFERENCES 908

Number.	Date.	From or To—	Subject.
✓ 253580	9/29	G. H. Clark	Method of eliminating atmospheric disturbances in radio telegraph receivers developed by Marconi Co., by using buried antenna loops, etc. W
✓ 256060	10/16	Pug Sd	W. Lang: apparatus for transmitting secretly by radio; submits special report on, W To—Reqt infor re points listed. 10/26 Pug Sd 11/4 Pg Sd 7:12
✓ 260611	11/14	To Nav Intell	Anti-static antenna, invention of H.A. Weagant. Might be of interest to Allies and reqts be brought to their attention. W
✓ 260577	11/14	To Marconi Co	Submits arrangements made re Weagant patent. English Marconi Co will be cabled by Mr. Stadman to obtain necessary information from British Govt. W
✓ 261058	11/13	Atl Coast Com Serv. ce 722	Belmar radio; fwds detailed report of experimental work at Belmar Station on the Weagant frames used for elimination of interference. W
✓ 261078	11/15	<u>G. H. Clark</u>	Reports test of Marconi balanced engine system of static reducing at Belmar Radio Station. W G. H. Clark—Test of Marconi balancing gauge system of reducing at Belmar, submits report. 10:20

1917

INTERFERENCE

Number.	Date.	From or To—	Subject.
219770	3/26 To Wash—5/27	To H.A.Clark, M.C. H.P.Cobbans—Request return of corres.—4/20	Col. Cobham's device for interfering with radio signals. O.K. for short range. Doubtful allowance of ship. Will conduct experiments if desired. Fwd's report on Col Cobham's obliterator. W coto Atl Flt—Reqt recommendations in connection with. 6/6 Atl Flt submits recommendations 6/11
219812	3/27 To—No objection to selling static eliminator to one of allied Govts. 10/2	To Fred M. Vreeland F.K.Vreeland-9/27.W Vreeland offers to discuss confident 3-3C to—Su representative will visit on next trip to 4/4 Vreeland agrees to meet either Dr Austin or Dr Clark 4/5 Dr Austin to Dr. L.W. Austin be ordered to 4/11 to 4/16 Vreeland 7/18 Vreeland reports results 9-15 Vreeland 9/18 To—9/21	Reqt any information might have on eliminating static in connection with the reception of radio signals. W Vreeland offers to discuss confident 3-3C to—Su representative will visit on next trip to 4/4 Vreeland agrees to meet either Dr Austin or Dr Clark 4/5 Dr Austin to Dr. L.W. Austin be ordered to 4/11 to 4/16 Vreeland 7/18 Vreeland reports results 9-15 Vreeland 9/18 To—9/21
222626	4/14	To Wireless Spec Ai Co	No reducing troubles due to static. Reqt results of tests of apparatus which will work in system. W
222907	5/15	Wash	Recommends discontinuance man of apparatus for experimental work during present emergency. special inducences. W To—Auth discontinuance of further experiments 5/29
233048	4-25 6-6	Electrician Geo. N. Horne NEW ORLEANS, USS	Secrecy of communication by means of Duo-wave telegraphy. W To—Comments on 3/13 NEW ORLEANS fws further report 12-6 To NEW ORLEANS—Comments on. 12/27

INTERFERENCES. 908

Number.	Date.	From or To—	Subject.
✓ 233918	6/15	Nikola Tesla Co	Request further information in connection with experiments on his static preventer. W To—Gives info re test. 5/19 Co writes further and incloses some expressions of opinion on his inventions 7/13 To—7/31 Tesla 8/8
✓ 233880	6/15	To Col F.P. Copham	Fwds corres which was left at Bu. W
✓ 163426		CARD 6	R.E. Dimick request status of test 6/15 To R.E. Dimick—Gives status. 6/21 To R.E. Dimick. There is at the present time no Naval radio apparatus available for the purpose which you desire. 2-10
✓ 24 0512	7/24	Dr. Austin	Method of reducing static disturbances in receiving proposed by S. K. Vreeland; recommends test be made before Sept. 15th. W
✓ 242403	8/6	James Ashbrook	Scheme for preventing interference. W To—Comments on. 8/10
✓ 243385	8/11	Communications	Request that John Hays Hammond, Jr be permitted to continue test of secrecy, non-interference, etc. devices, at radio laboratory, Bureau Standards. W To Capt Todd—Have received permission from Mr. Hammond to conduct experiments. 8/14 To Bu Standards—Experiments auth. 8/14

INTERFERENCE:

Number.	Date.	From or To	Subject.
187912	6-1 5-5	NY Supt Radio	Submits report on interference during month February; fws letters from Dept Commerce Inspectors. W Fwd NY-- 5/25 RB 6/19 Fwd Rad Ser-- 6/20 To S&A-- Recd shipment rec set from Wash to NY. 6/26
194248	7/19 7/21	Marconi Co Supt	Cape May and Savannah stations: will discontinue sending press and prevent interference. W Fwd Rad Ser-- Noted. 7/26
200511	9-7 9-26	Dept Commerce Director	Commercial companies New Orleans district complain interference New Orleans station.
200440	9-27 Ed submit report and recommendations 10/19	To Dept.	Recommend Board be appointed to investigate interference between Phila radio station and Marconi station on Vanamaker Building. W
200511	9/7	Fwd Radio Va-- 10/24 To NY-- Recd set for small antenna for NY Sta. 10/25 Dept Commerce	Have copy of orders to LeClair relative to interference 10/13 Commercial companies New Orleans District complain interference New Orleans Station 821
201344	10-6	Dept Commerce Supt	Reports interference by Chelsea station with Marconi at Boston Fwd Dis.Com.Supt. Bost via Bost-- 10/14
202270	?	I. N. Bickford, Radio Elec., CEASAR To CEASAR-- Comments on 8/14	Fws data on his patent static and interference preventer. W Fwd Chasn-- With instructions. 10/24 To CEASAR-- Comments. 10/24 Bickford-- further 11/24 To CEASAR-- Comments on. 1/5 Bickford further data 3/7 To Wash-- fws all corres. 3/13 RB 8/10

INTERFERENCE. 908

Number.	Date.	From or To—	Subject.
202972	9/14 9/30	GO Flt	Alterations; engine room ventilator, piping; fit additional motor generator for call bell circuit. N VOID
202968	10/17	Radio Elecn R-N-B Ickford	Submits suggestions in connection with means of static interference prevention and interference. W
203202	11/19	I. W. Bickford	Means of preventing interference and static. W
204943	11/1	Pensacola	Reports hearing New Orleans arc signals on local telephone line; opens up question of secrecy of arc signals 876
206397	11-20	Mortenson, C	Invention for elimination of static and interference. W To—Comments on. 1/5
209154	12-18	Austin, Dr	Quotes experiments conducted by Mr. CJ DeGrot on nature and elimination of interferences; and recommends experiments be repeated by Bureau. W
212034	1-11	GE Co	Suggests Navy exp rts give special attention; extends invitation radio aides to investigate work being done GE Co. laboratories. W Sent Dept—5/3, 3-2 Dept copy of letter to Dr. Whitney, ac- knowledging 2/20 Rwd Dept—4/7

INTERFERENCE:

1912

Number.	Date.	From or To—	Subject.	
150651	3-19	Clark, G.H.	By South City station with Arlington. San Diego signals: states change on 100 meters by either station will remedy. W	
150773	3-9 3-19	Tuckerton Arlington	Reports interference by Arlington with Elvess signals: Arlington states 444 meters difference in wave lengths should not interfere; recommends test to determine cause. W	
156593	6-3	To Supt Radio Service.	Report on general radio interference M.I.s: fwsd copy of M.I.s print on: W To M.I.s-- Reqt add copy of print. 5/3 M.I.s fwsd copy of report 6-10	
157288	6-9	Pug.Sd T	Reqt SOUTH DAKOTA investigate radio interference westward of Olympic mountains. W	
161101	7-16	At Flt	"Three Atlantic" reduces interference: recommends be enforced 20 miles off shore	914
161170	7-16	Pug.Sd	Report on test to discover interference caused by Olympic mountains	833
163426	8-10	Demick, R.E.	Has apparatus for interference if sending telephone messages. W Dimick asks if tried 12/13	BELOW
163928	8-13 8-10 8-31	Dept -- Demick -- Demick --	To Supt. Radio 8-17 RB 8/23 Dimick further 9/27 fwsd Rad Ser--11/3 Report on interference of Japanese Fleet; recommends present 5 kw transmitters be replaced with a 25 kw; disappd	830
163426	8/4	San Diego	Wash plans for manufacture of experimental apparatus have not yet been commenced on account of small force: will not be able to start until April 25th 1913	CARD 8

INTERFERENCE: 908

Number.	Date.	From or To—	Subject.	
168628	10-14 10-18	Dept Commerce NY	Transmits zone plan for prevention on Pacific Coast stations.W To NY—fwd Supt Radio 10/21	
169476	10/23	Supt Radio Post	Annual tests; reports interference with business	905
169816	10/29	Supt Radio	Marconi Co willing to adjust apparatus at Wanamakers Station, Philadelphia, in order to reduce interference.W fwd Phila--11/1 BB 11/10 fwd Rad Ser-- 11/11	
169887	10-29	NY	Reports of Lt.A.Norris on meeting of Govt and commercial representatives to discuss interference.W	
176354	1-15	NY	New York, Phila, and Arlington communication; relative to interference with Wannamakers plants Phila and NY. W fwd Rad Ser-- 1/18	
179753	2/14	Arlington	Reports interference Communication Office Arlington calling wave	by 841
181656	3/4	San Juan	Reports intercepted message, Nauen, Germany, to Sayville by use of inductance coil made by station force	835
186357	4-28	Clark, CH	Method of eliminating static disturbances in arc and spark receiving, and preventint interference when sending with spark sets.W	
185801	4/19	CHESTER	Fwds copies of intercepted messages from US stations while on duty West Coast of africa	156-6

INTERFERENCE: RADIO.

1914

Number.	Date.	From or To—	Subject.	
✓ 124912	5/14	Dept Commerce	Interference on the West coast: Fwds report by Radio Inspr Ellery W. Stone. W	
✓ 126023	5/14 5/28	Dept of Commerce Supt. of Radio.	Interference on account of harmonics: Report of investigation Radio Inspr for San Francisco of complaints of interference by the Federal Col. Co. apparatus sending out harmonic notes at lower wave length than station is operating at. Investigation shows the harmonics are generated and are the fault of receiving, and not sending, apparatus. W Ret---6/3	
✓ 128165	6/20 6/23	A.R. Coleman Dept.	Device for preventing interference from static, etc. W To Mr. Coleman: comment. 6/27. Coleman: gives suggestions 6-20 To Mr. Coleman: Ack. Comments. 7/14. Coleman expect recompense if patent used 7-20	
130924	6/30	Tatalla	Reports intercepting messages from North Head and Unalga	B46
131353	7-20 7-27 7-31	Cobham, Col. F.B. Dept Ord	Relative to his intention for radio and firing explosives by "F" ray: Ord recommends against conducting any tests; plainly a fraud. W Ret Dept. comment. 8/4	
✓ 136496	10-3	Reese, M.M.	& secret communication, etc.: asks Govt requirements: has patented new system. W To--Pleased to consider any description and drawings. 10/17 Reese test delayed on a/c war 10-31	

INTERFERENCE: RADIO 908

1914

Number.	Date.	From or To--	Subject.	
✓ 139847	11-17	Dept Commerce	Fwds report from F.A. Colster on interference caused by arc radio transmitters of Fed Tel Co. on West Coast. W. To--11/20 To Radio Ser-- Fwds copy report. 2/2	
✓ 139850	11-17	Dept Commerce	Fwds complains from Marconi Co. relative to interference by Tuckerton Station sending continuous Poulsen waves. W. To 11/20 CO-46	
140555	11/27	To Hawaii Cavite	Reqt report on reception of signals from San Francisco and interference from Marconi station on Oahu	903
✓ 144089	1-9	To Board on Organization of Radio Service.	Radio experiments; gives data on interference between Arlington and Navy Dept. W	
144167	1/8	Tuckerton	States Federal San Francisco signals are strong as to interfere with Elivese test	891
✓ 146335	12-11 1-21	Cramps At Flt	U.S.S. NEW YORK; complains of interference. W Fwd Rad Ser-- 2/6	
147778	2/11	San Juan	Reports intercepting message from San Diego to Arlington	892
150476	5/15	Bousen, Ensign, R. H.	Fwds print of a new radio rig for receiving and for cutting out interference	898

INTERFERENCE: RADIO

1913

Number.	Date.	From or To--	Subject.	
✓ 86366	12-30	Cohen, L.	Invites attention to his static preventer. To---Requests patent application. 1/4.	W.
86776	1-6	Coshn, L.	ditto.	
86970	1/2	Phila	CAPE HENLOPEN: fwsd sketches showing method taken to eliminate interference. States without this device would have been unable to catch SOS call of SS Marion on Christmas eve.	804
88296	1/22	NYS	OKLAHOMA, shunts in rigging to prevent interference in radio.	522--6
✓ 89088	1/21	WYOMING	Fwsd information covering radio interference, distance tests, etc, desired by Naval War College. W Fwd Dept. 2/1.	
89645	2/5	Newport Tor. Sta	Recommends installation of 2-arm semaphore for use in signalling messages to A. Fleet. in order to prevent interference resulting with use of radio.	493
92584	3-10	At. Flt	Plans for avoiding. W	
✓ 102174	7-23	Supt Radio	Interference by amateurs: all cases to be reported to local inspector of Dept. commerce. W	
✓ 107928	10-15	To N.Y.	Austin's interference preventer - fwsd description and directs submit estimates W	

INTERFERENCE-RADIO 908

Number.	Date.	From or To—	Subject.	
109533	11-3	NY 855-56	Austin interference preventer; estimate for manufacturing. TO 12/8 auth 11-6 Fwd S&A rec appr.	
110315	9/26	Supt. Radio	SAN DIEGO: investigation of complaint of interference of operators of MARYLAND.	830
		1914		
115300	1/14	Chas	JUPITER: fwsd description of with additional information fr om Elen in Charge with particular attention to interference from MORIO CASTLE.	816
121255	3/29	At Fit	Tune shifters: reports excellent results obtained through use of cutting down interference, recommends shifters be retuned at yard and reduce breadth of, also supply more efficient spark gaps	905
122081	4/9	Dept. Commerce, Navgn.	POINT ARGUELLO: Marconi Co. station at San Luis Obispo claims interference; not properly adjusted	829
✓ 124089	3-12 4-20	Keop. Ensign H.S. At Fit	Method of avoiding: recommends TBDS be supplied with sets having different spark tones. W Fwd Dept via Supt. Radio 5/7 r 78 Fwd Dept 7/20	
124111	4-23	Cobham, Col, F.P.	Orders use of his "obliterator" to Navy free during Mexican trouble: is used to prevent receiving and sending messages. W Fwd Dept. request details be supplied 5/6 r 8 20 To---reqst descriptive details of 5/12	

INTERFERENCE: WIRELESS:

1912

Number.	Date.	From or To—	Subject.
✓ 61714	2-10	War Dept Chief Signal Officer, Philippines	Complains of static on Pacific. believes this is influenced by depth of water. W Fwd Dept. 2/26.
65141	3-30	United Fruit Co	Complains interference Key West due to using broad wave length. W Fwd Key West for comment. 4/4. R 4-16 To Key West. Instrns what type to use. 4/17. To --- Advising of instrns. 4/17.
✓ 66069	4-6	Schuyler, Lt. G.L. CG ORLA	Re commands wireless set be designed for interfering with enemy's communication; points out defects of present method of. W To C.O. GEORGIA. Favorable comment 4/23
✓ 66525	4-17	Marconi Co	Recommends all Govt Stations north of Norf stop sending and allow Marconi stations handle all communications with Carpathia on account of interference of amateurs and small powered stations; in connection with messages with survivors of TITANIC. W Fwd Dept. 4/17.
✓ 66991	4-19 4-20	Boston W.T. Sta Bost	Complain interference by Marconi Station at Walfleet; particularly in regard to trying to get message to CHESTER; also fnds report from Revenue Cutter Service. W
67017	4-17	M. Is	Quota report from Pich. Bay on interference with wireless signals by change in temperature. W
66774	4/20	To Salem & Chester	Radio communication between them and S.S. Carpathia. Rept information as to difficulty experienced, etc.

INTERFERENCE 908

Number.	Date.	From or To—	Subject.	
66956	4/22	Chester	Reports on difficulty in getting into communication with CARPATHA.	892
67706	5-1	Marconi Co	Fwd's report from amateur operator at New Haven showing navy vessels and stations interfered with Carpathia messages des. ltc Navy order. W To---Ack. 5/4.	
70251	4-19	Pug. Sd 287	Reports interference with Alaskan station by Canadian Stations. W	
75518	8/7	Pine Island	Reports interference by telephone station at SAUVILLE.	812
78083	8-24 9-4	San Diego R. Sta M. Is	Reports serious interference with Govt. Business by amateur stations and Federal Telegraph Co. W	
80083	10-24	Atlantic Flt 1984	Copy of order to avoid while signalling. W	
81902	11-4	Marconi W.T. Co	Complains interference by Chasn. W. To---Bu will take steps to remedy. To Chas. directs investigate and report. 11/8. Chasn replies to complaint. 11-12.	
83994	11/26	At. Flt.	Reports on radio signalling during division target practice, and reports on interference.	493
1913				

INTERFERENCE: WIRELESS:

Number.	Date.	From or To—	Subject.	
✓ 46870	8/21	Marconi W.T.Co	Complains of indiscriminate tests of quenched spark gaps at NY Sta. W To --- 111 cases filed to reduce interference. 8/21. Fwd NY. for comment. 8/25. RL 9-7 TO -- isolated cases. 9/14	
✓ 48337	9/5	IRIS	Complains of interference by Grant Hotel San Diego. W Fwd M. Is for further information. 9/13 RB 10/21 Could come to no agreement with Federal Telegraph Co.	
✓ 50246	9/29	Bost 568-4	Complains of interference from steamer CYMRIC. W Marconi W.T.Co. reports interference. 10/6.	
✓ 52265	10/23	M. Is	Reports unusual interference of static since appearance of comet. W To --- Acknowledgment. 11/17.	
✓ 52467	11/1	Marconi Co	Re. by operator of Cymric. W Fwd Bost. for comment. 11/2. RB 1	
✓ 52566	10/24	Beaufort	Complains of by United W.T. Sta. at Cape Hatteras and commercial vessels. W Fwd Dept. 11/4.	
✓ 57091	12/28	Pug. Sd	Device invented by A.H. Cox to prevent reports on test; not satisfactory. W To Seattle Gas Eng. Co. Advises of poor efficiency. 1/13.	
57202	12/27	NY	1912 MERCHANT STATIONS: reports on working of MARCONI apparatus in stores of WASH. TRADER at NY & Phila work almost continuously from 3 to 6 pm practically cutting out NY Sta	880

INTERFERENCE, 908

Number.	Date.	From or To—	Subject.	
57891	1/4	Phila	MERCHANT STA: Marconi apparatus on stores of John Wannamaker, reports operations gives considerable interference	891
58729	1/16	To Washn.	Bureau informed distress calls sent out by "Terry" or other destroyer during storm were received at yard but position of ship could not be read account of interference: Request report. W	
59072	1/18	Washn	Reports on interference with distress signals from TERRY by amateurs: were requested to keep out but refused to do so. W	
59474	1/19	Seattle Ga Engine Co (A.H.Cox)	Urges further test of their preventer. W To---If desire test, direct communicate with Eng. Bd.--Fwd Eng. Bd. 1/27. R.L.C. 10	
60046	1/31	Colon	COLCH: believes Panama country and Fruit Co going to erect 2 stations, will interfere with proposed station. rect. decision	898
61522	2-11	Yerba Buena	Complaints of malicious and intentional interference of amateurs in vicinity: will never allow official business to go thru without amusing themselves by delaying or breaking up messages. W To---Fwds copy of Senate Bill #5334. 2/20.	
61709	2-20 VOID	Uehling Instrument Co VOID	Gives description and quotes price on differential pressure regulator for testing static velocity heads of air spaces.	VOID

INTERFERENCE: WIRELESS:

FILE No.	From or To— (Dated)	Subject.	
29494 1/15	BAILEY:	Reports interference, probably by merchant steamer, while attempting to carry out tests.	
29469 12/19	GUANT.	W.T. stations reports -- time signals	814
✓ 34090 3/15	Key West	Invites attention to flagrant example by SS Alamo. Fwd Dept. 3/22.	
✓ 35794 4/3	Key West	Reports obscure interference from commercial operator at Havana. W To United W.T.Co. Fwds extracts from report. 4/21.	
✓ 36192 4/14	United W.T.Co	States wave length at NY Sta. interferes with their coast stations and reqt. same be changed. W Fwd NY for comment and rec. 4/20. R.B. Sees no reason why change to 1000 meters cannot be made. 5/2. To -- Fwd NY Directs increase in wave length to 1000 meters. 5/4. BB 5-11	
✓ 37070 4/25	United W.T.Co	Complains of interference by Naval stations. New York, Phila. Annapolis, and Washn. W Fwd NY for comment. 5/3. BB 5-16 Fwd Dept. 5/17.	
✓ 39185 5/18	United Wireless Co.	Complains of interference by Norf. & IOWA with commercial messages. Fwd Norf. Report required. 5/23. BB 5-29 To -- Furnished statement. 7/12.	
✓ 45217 7/18	Seattle Gas Engine Machy Co.	Invites attention to system for eliminating. W To -- Dept. Ad. will designate representative to examine. -- Fwd Dept. Directs investigation and report with recommendation. 8/9/ BB 1-2	
✓ 46391 8/10	Beaufort W.T.Sta.	Reports caused by operators of merchant vessels who refuse to allow official business to proceed. W Fwd Dept. 8/22	



KENOTRONE TUBES

1919

1.

4—3381

LABORATORY: ANACOSTIA

(SEE LABORATORY: BUREAU OF STANDARDS) 916

(File under Leb., Radio)

[illegible]

MASTS & TOWERS

Number.	Date.	From or To—	Subject.
502286	6/29 War Dept 9/25 War Dept Request Instrs. 10/21 W	War Dept Request Instrs. 10/21 W	Adv letter from Fort. San Houston in conn with radio masts installed at Brownsville. ask if Navy wishes to secure possession of. W To War Dept. will advise later if can use mast 7/6 fwd Pt Isabel via N. Orlns- 7/6 To War Dept. request return of mast for ship to Guantanamo. 8/9 copy NY Y&D Guantanamo To War Dept. 9/23
507986	3:30	Y&D	Adv prints of curves showing cost of masts and towers in self supporting type. Wide mast and self supporting towers. Y&D-estimate covering: guide mast-3-14
518400	9/17	B. F. Vreeland	Ask if in market for cross arms for radio masts. W.
518223	9/25	To Y&D	Disposition to be made of 80' mast Anacostia AIRC laboratory. 906
320 531390	11/21	L. C. Moore & Co.	Are in position to manufacture all kinds of towers- Adv bulletins with prices. W. fwd Y&D 12/4
563266	5-12/21	To Y&D	Request comments re guyed mast being erected at Palo Alto station by Fed Co- Gives description of W Y&D- Recommends retain self supporting type of tower. 5/24 W.

1922

Number.	Date.	From or To—	Subject.
640976	9/5 9/5	Y&D Nav. Intelligence	Fwds prints showing stress and erection diagrams of 820' standard radio towers. W.
645997	10/12 10/17	A. +. Hendry Y&D	Re post list of all radio towers for use of J. P. Sullivan radio contractor. W. Fwds. As & Dock 10/28

MASTS & TOWERS

Number.	Date.	From or To--	Subject.	
457754	11/13.	Insp'r Brook.	If inspection of radio masts at Pole and tube works necessary, request copies of order. W	
		fw'd Insp'r Brook 12/6 RB 12/10.		
		To Y&D- advis status 4/14RB 4/25		
			S&A 11-22	
			Insp'r Brook 12/1-Rqst action.	
			Y&D-Copy of letter to Insp'r Brook fwding copies of contract	
			To Insp'r South Brook 12/5 12/2	
			fw'd Insp'r Brook 12/6 copy Sec Asst PM Genl	
			PO Dept Wash	
454911	FROM CARD 14		Nov 11-25.	
456160	12/9	Anacostia Radio 902.	Comparison of compound heterodyne and acceptor rejector circuits- report cov. W	
472341	1/30	To Cdt G.L. via Ray	Suggested instructions rel radio school G.L. copy Communications. W	
			Great Lakes - Copy of letter to Navigation. 2/11	

MASTS & TOWERS

1920

Number.	Date.	From or To--	Subject.	
474985	2/9	Post T	Recommend immediate steps be taken to insure all main mast stays on new Destroyers.	Q-6
483301	3/23	Congulate General, Republic of Poland A-2 ✓	Request names and addresses of firms building wireless towers. Baldwin Locomotive Co. Ask name of firms who manufacture radio towers. To Republic of Poland 3/27 To Baldwin Loco Wks 3/27	W 3/24
489918	4/23	Radio Corp. of America	Acknowledged receipt of letter in conn with merits of rivetted and bolted towers and advisability of using galvanized instead of non-galvanized members.	W
491184	4/24 4/30	D. T. Hord Deat	Request information in regard to painting of radio towers in certain parts of country. Fwd Y&D 5/5	W
496316	5-2	To Internatl Radio Tel Co	Lists firms from which towers for radio stations have been obtained. Internatl R/T/Co. 6/5 W.	W

Number.	Date.	From or To -	Subject.	
414948	4/30	Mare Island	Tel: requ prints of and erecting instructions covering 200' tubular masts W.	761
421566	5/29	O&R	Recommends O&R issue instructions that all masts or yard arm and fittings to which antenna or safety lines are secured, be carefully secured grounded, due to inference that damage due to charring of wood etc. W.	875
423318	6/3	12th Dist	In con with condition of San Francisco radio masts, recs station be removed to MI. gives reasons why. W.	920-15
418814	6/7	To Secty Navy	Author request to expend \$5,000.00 to prosecute work on re-erection of towers and antenna system South San Francisco W.	842
422109	5/20	TO NO	Advises two steel tubular one hundred foot masts shipt NO from Chasrn for installation in Grand Is.	919
423507	6/10	To Y&D	Rel to erection of steel towers for naval radio station South San Francisco cal v.	813
			To Y&D: rel to increase of facilities at station is of Guam. 6/10.	813
429060	6/4 6/12	Planning Committee Dept	Report of station recs for improvement dept auth expenditure of \$175,000 for purchase of duplicate 100 kw are transm of 600 ft. tower, etc. W. to Y&D- allots sum of \$144,000.00 6/30/	813 erection

MASTS AND TOWERS

Number.	Date.	From or To—	Subject.	
4470150	7:1	John Simmons Co ✓	Protest against award to Iron Works of portable radio masts, claimed to have built in France. A fwd 350 7/10 TO Y&D - 7:8	
449735	10:2 10:7	McClintic Co Y&D	Asks if any objection to constr. of 800 ft. towers for Marconi Co similar to those recently built in France. A TO Y&D in ref. to drawings passing into the hands of outsiders when marked confidential. 10:13	
454336	10:24 10:27	C&B Y&D	Pneumatic tel masts, fwds prints showing details. fwd Y&D 11/1	W
454911	11/3	To IM Cds Great Lakes 11/5	Radio masts in stock. Request advise number available for further assignment. W RB 11:7	
TO CARD 15	11/10	Chasen - No masts in store. 11/12 Puget Sound - 11/10 Cape Island - No radio masts in store. 11/14	Portsmouth - No radio masts on hand. W 11:5 New York 11/7 Fleet Sup Base 11/4 Key West 11/8 No radio masts in stock.	
457177	11/12	To SEA RB 3/29 W	Request shipment from Washington to MY 2 masts W fwd 18: 2-19: fwd Y&D 2/27	

Number.	Date.	From or To—	Subject.	
37668	11;2	Mem for Mr Hygart	Rec have two masts shipped to Annacostia.	
37667	12;5 of 5-7/19 to 5-5-19	Manchester Ship Canal Co Dept 5;21 Manchester Ship Canal Co- 5/22 Ship and Copy of let to Manchester Ship Canal Co stat top mast can not be lower 6;12 Atlantic Radio Tower Co	in con with 2nd of Manchester F. Glosser, Strong Co-Asks if can furnish any information. Manchester Ship Canal Co-Report of to Manchester Co- Asks to Operations 5-20 To Manchester Co. Asks to Operations 5-20	
372668	11/26	Manchester Ship Co.	radio pamphlet describ advantages of also report on radio masts at Manchester W	875
388875	1;25	Akron	Req infer in con with instruc of two 100 ft land station. radio towers. no stat at 3. Will not furnish towers st the prese 6 tie. 2/20	W

Number.	Date.	From or To—	Subject.	
392987	2/7	P C C S	Gpy #3 mast at Kahuku collapsed submits report covg W	793-5
395809	2/15		Completion of radio towers on cont basis dif over service to Gov W	920
404445	3/22	To Comdr Europ Forces	Paulillac CO Inform Col Ferrier French Armt contract for completion of towers let to Pitt Des Moines Steel Co the fab of the towers at Croix d'Hing for 4248,000.00 period work to be completed in 275 days force of 70 spec will leave for France about 4/10 and will be augmented later if necessary-W	920
405644	3/19	JAG	Dept 3/24 Submits report of investigation of inquiry into burning and collapse of 600' tower at South San Francisco Base W	793-5
4110822	4/14	JAG	Little S.I.S. Little S.I.S. in plant On 4/14/44 the plant was closed. JAG PRIME	5-7-11

MASTS AND TOWERS.

Number.	Date.	From or To—	Subject.
297310	4/11	Stone & Webster Co	Cast concrete poles relative to cost of gives list of mfgs who will be able to give definite quotation on. To—acknowledges. 4/13
299212	4/22	To S&W	Reqt shipt of port radio mast from Wash to Phila. w Shipt order 4/22 R B 5/11. "
302279	5-24	To Island	Requesting info concerning suitable means erection of a for 2500 ft transmitter— Island Dist base - 5/31 - W To Crocker-Wheeler Co- in re above—5-10. Crocker-Wheeler Co - Cannot bid on direct connection in motor generator set - submits quotation on compound wound DC generator. "
			More Isl- TEL Data mailed 6:26 - 527 W
30715	5/1		
30075	5/2		

Number.	Date.	From or To--	Subject.
334900	8:8 S&A		Material purchased from S K F Ball Bearing Company contract 48320 R
358342	10/11	C&R	Telescopic radio Made request for 1000 for use on seaplane. Advise print to--- parts that insulators be included in regh for masts--instrns for packing
356621	11/18	Masts & Towers.	Advise Y. De outrig. part for towers--adv. to B&A
356712	10/10/	T. Pearl Harbor (T)	Advise whether advs. included to the 117 for removal of the 1000 being dismantled and 10-0000 for disassembly.
356713	11/1	T. Is (T)	Advise whether advs. included to the 117 for removal of the 1000 being dismantled and 10-0000 for disassembly.
358558	10/11	C&R	Copy of shipment order covering telescopic mast from aircraft factory to C&R - W
41086	10/10	Insur Brook (T)	Ex. edita del. & advise status radio masts on contr.
546253	10/23	Otter Cliffs-(T)	Advise whether advs. included to the 117 for removal of the 1000 being dismantled and 10-0000 for disassembly.

MASTS AND TOWERS.

Number.	Date.	From or To--	Subject.	
✓ 237749	7/3 7/10	War Dept Nav Communications	Radio towers built by Milliken Bros for use in the Philippines; request Dept's opinion whether these towers will withstand wind velocity of 160 miles an hour; fws prints, etc. Fwd Y&D--7/13 RB 7/21 Fwd Nav Com--7/23 To--Sec Sig--Towers not satis. 7/23	
256159	10/17 none	Joseph Raeg Dept	Request compensation for use of portable wireless top and masts invented by him and used by government. Fwd C&R--10/27	
259630	11/8	Natl Elec Sign Co	Offers tower and gen set from the Brant Rock Station for sale	876
✓ 264589	11/26 Fwd Y&D--1/15 To--1/26	James C. Baker RB 1-24	Offers wireless tower of galvanized iron for sale. To--Reqt plans. 12/5 Baker 1-9 To--1/15	
✓ 269947	12/27	Marconi Co	Fws report of conference re maintenance of masts and giving info in regard to methods of taking care of masts and guys. To--1/3 To M. Is.--Fws copy of instrns. 1/11 To Pearl Harbor--Fws copy of instrns. 1/12 RB 4-22	
278715	none	C&R	Copy of circular letter rel to reduction in height of top mast on cage mast. C&R - asks height above wave level of radio masts. 3:2 To J. Is.--Report on Cage Masts--transmission in flight. 7/15	

MASTS AND TOWERS:

Number.	Date.	From or To—	Subject.	
282786	2-20	To C&R.	Aircraft equipment, telescopic masts; rect ship at once to Hampt. Rds. W.	918.
284215	1-24	European Forces.	Telescopic radio mast for seaplane; fws correspondence and plan. J.	918.
286240	3/2	SEA	Fws copy contract 4 for 300 ft towers and 14 two hundred ft towers. W End Y&D 3/11 Y&D-5/14	
290804	3/1	Govt Despatch Agency London	Reports shipment of telescopic mast. W	
290770	3/21	To French Naval Attache	Fws letter, with comment, from Marconi Co re towers which they have for sale. W	Co
293032	3-27	D&R.	Telescopic radio mast; recommends conference in connection with general. W.	107-0-6.
296812	4/9	Washn Yard	Test of 80 ft portable mast submitted by John Simmons Co. In re test steel mast.	
296812	4/9	Washn Yard	Test of 80 ft portable mast submitted by John Simmons & Co. fws report. W To John Simmons Co. Det in re report of test of above. 4-26	in use o. antenae (sup 5;21)

MAST3: & TOWERS.

1916

Number.	Date.	From or To—	Subject.	
190228	5-16	Raes, J	Telescopic mast for radio; quotes figures, and forwards prints.W	
198953	9-13	To John Simmons.	Reqt prelim data in connection with the contemplated 130-ft. mast on SW&N bldg; gives length of aerials. W	
206136	11-18	Was. h	Portable masts; 1 was drawings.W	
206133	11-20	At Com Co	Request Elwelllyn Iron Wks be auth to furnish them with tables on towers built for US GOVT. W	
			To—Cannot supply infor reqtd. 11/28	
209192	9/15	Exp Raido Ade Rice	Telescopic masts for submarines; Yard submits estimate of cost. M. F. Co. W auth installation be made on E-boats. W	907
210310c	1/3	To Milliken Bros. Y&D Milliken Bros have reduced cost by reducing at expense of safety; will not purchase except in emergency 2/10	Reqt pamphlets of self supporting galvanized and painted towers suitable for use in small sized radio tele installations. W Milliken Bros fnds printed matter 1/5 To Y&D—Fwds price list and circular letter of Milliken Bros. 1/9	
210689 p	12-26 1-6	Carlson, CA Dept	J. Raes; collapsible radio tower.W	

MASTS & TOWERS. 890

Number.	Date.	From or To--	Subject.
✓ 232613	6/8	To Tropical Radio Co	Reqt quotation on delivery of 300 foot tubular steel masts, with blueprints, etc. W United Fruit Co fnds data 6/8
✓ 232615	6/8 m	To Marconi Co	Reqt approximate cost of erecting towers, of which plans were fwded, complete with guys, etc. W
✓ 232837	6/14	To Maryland Steel Co	Reqt plans and specs tubular steel guyed radio towers, similar to those furnished Lite Eng Corp, N.Y.
✓ 234015	5/14	To J.C. White Eng Corp	Reqt quotation on erection of tubular steel guyed radio towers, about 300 or 400 ft high. W
✓ 234379	6/21	To Wash 704	Coast guard patrol antennas. Directs prepare reqn for six iron masts for umbrella type antenna. W
✓ 235510	6/26	To E.A. Weagant	Acknowledges receipt of info relative to cost of masts, together with drawing. W
✓ 237151	7/6	The Philkill Stasplejack Co	Request work on painting and repairing, etc. of radio towers. W 7/11

MASTS & TOWERS.

Number.	Date.	From or To—	Subject.
✓ 156799	4/27	Spaulding Construction Co	Asks requirements for radio towers.W Fwd Y&D--for reply. 6/5 To-- Fwd to Y&D for reply. 6/5
160683	7-14	Y&D	Reqn for elec hoists for towers, Cavite, Pearl Harbor, San Diego; fws.W Ref. Y&D furnish hand in lisan of elec. 8-18
✓ 164123	8-19 8-20	Clark, GH Wasam	Portable mass invented by J.Baes; reports on inspection of; worth investigating.W ref. C&R 8-24 RB 9/11 Clark fws b/p and patent 9-1 Fwd C&R-- 9/3 RB 9/11
164337	8-26	Y&D	Fws reqn for winches, rope etc for towers for Cavite, Pearl Harbor and San Diego. W.
✓ 167628	10-2 10-6	Raes, J Dept	Telescopic radio tower.W To-- Ack receipt of 10/9
✓ 169157	1 0/22	Y&D	Radio towers, Pearl Harbor, San Diego and Cavite; fws requisition for winches.W
✓ 170664	11-8	C&R	Fws description of Mora pneumatic telescopic mast W Retd--Noted. 11/10
✓ 173034	11-27	Gardner, C.R.	Asks data on.W Fwd Y&D-- 12/9
✓ 173420	12-9	To Joh Simmons.	Ack receipt of price lists. W Simons reat opportunity to make special bids 12-14

MASTS AND TOWERS: RADIO. 890

Number.	Date.	From or To—	Subject.	
173474	?	?	Report on Moor's pneumatic telescopic mast for radio on submarines	907
✓ 175904	1-10	Nav Intel	1918 Reqt plans of wireless towers coast stations for Argentine Naval Commission. Fwd Y&D-- 1/12	
✓ 180913	1-4	Raes, J	Radio masts; drawings patents, specns, etc.	W
✓ 182084	3-2	Raes, J	Fwds detail drawings of telescopic wireless mast. W	
✓ 186374	4-28	Clark, GH	Radio towers; suggests a method of telephone communication between men working on towers and force on ground. W.	
✓ 187739	5-2	Pearl Harbor	Reports radio mast complete with rigging, etc. at station for over 10 years; reqt instructions re disposition. W	
	To--Survey mast. 6/9		Fwd H. 1g--Asks if apparatus can be used. 5/16 RB obsolete; cannot be used at any stations under cognizance of yard 6/1 (Fwds plan of mast)	
188569	5/17	Pug Sd	North Head Radio Station; wooden lattice mast; fwds print of proposed specns	825
188444	4/17	Atl Flt	Bellini-Tosi direction finder on vessels; wooden masts and hemp signal rigging preferable to metal in operation of; C&R does not consider it practicable to follow recommendation in regard to material of masts	898

MASTS & TOWERS.

1914

Number.	Date.	From or To—	Subject.	
127140	6/8	C&R 17618-E.98	Masts on GUNBOATS. Requests authority to increase heights for radio purposes on NASHVILLE, WHEELING, PETREL, PADUCAH, ANNAPOLIS, HELENA, WILMINGTON, YORK- TOWN, DES MOINES, TACOMA, CALVESTON, CLEVELAND. W Fwd Dept—recommendations 6/13rb 617 Ret—6/17	
127986	6/6	NY	G-2: proposed arrangement of radio masts; CO recommends the elimination of a forward and after pole masts	452-6
128118	6/22	Callander & Co.	Key towers manufactured by the British Mannesmann Tower Co; fwsd printed matter. Y Fwd Y&D. 6/25.	
134951	9/15	Grenshaw	PORTO BELLO: masts; badly ant eaten; not worth removing	831
136334	9-28	Pac Flt	Recommends armored cruisers Pac Flt be fitted with 60' wood top mast for radio. W Fwd C&R-- 10/10	
138347			Question of ladders on towers considered KEY WEST STATION	817
140388	11-21	Lawson, W.S.	Reqd data on. W Fwd Y&D-- 12/1	
141513	12-7	Y&D	Radio towers: new; fwsd copy of reqn for hand operated heliots for. W.	

MASTS & TOWERS: 890

Number.	Date.	From or To—	Subject.
142152	12-8	M. Is	Towers rect plans and specs covering latest type of steel. Fwd Y&D-- 12/22
✓ 143711	11-30 1-5	Canadian Comars Trans Continental RR B& Y&D	Rect details of 300' radio tower built at San Juan; Y&D recommends refusal. Fwd Y&D--Bu has no objection- 1/8
✓ 144529	1-14	Matthews, W.N.	Anchors for radio masts; rect test of; print. To--Not deemed desirable. 1/19
146878	2-10	Y&D	Fwds reqn for elec hoists and wire rope for towers radio stations Cavite, Pearl Harbor, San Diego. W To--Rect reqn be held up until additional allotment can be obtained by the next congress. 2/13
✓ 147720	2-17	Gerber Eng Co.	Towers: asks name of successful bidder. To--Have ref'd to Y&D. 2/23 Fwd Y&D-- 2/23
✓ 148509	3-1	Y&D	Radio towers for San Diego, Pearl Harbor, Cavite: fws list of bids. Fwd Dept-- Concurs in rec. 3/4 Solicitor notifies of awards 3-8 Fwd Y&D-- 3/12
✓ 153113	4-23	To Y&D.	Tracing of 300-ft. towers; details of operating platforms; returns appvd. W
✓ 153238	4-23	N.J. Foundry & Mch Co	Suggests use of Straining poles in connection radio towers. To--State device not applicable to. 4/27

1913

7✓

Number.	Date.	From or To—	Subject.	
112058	12/4	C&R	YORKTON: inc. in mast head heights, etc	492--6
112695	12/2	M. Is.	CLEVELAND: inc. mast height for radio purposes	102-6
✓ 116320	1-21 1-29	NY C&R	870-855-3 17618-E.97 Recommends that radio masts for ships be increased in height to raise antennae 200' above the water line. W Ret C&R. 1/30.	
			1914	
✓ 116430	1-28	NY	Steel masts delivered under recon 59: recd instructions re final disposition: recommends be stored under cover. W To ---, Bost. S&A. request shipment to Bost. 2/3	
✓ 117388	2-5	Security Construction Co	Reqt. authority to bid on towers for proposed station at Sandiego. W To ---, spec'ns not yet issued. 2/11 Fwd Y&D. 2/11	
117257	12/30	C.O.	HELENA: reqt inc. in height of radio mast, disap. by C. in C.	229--6
✓ 117711	2-13	Y&D	2046 Boston, Washington, Key West: steel towers for radio stations: fwa bids for recommendations. Fwd Dept. with rec. 2/16.	

MASTS AND TOWERS 890

Number.	Date.	From or To—	Subject.	
11898	2/27	Dept. Commerce	Beaufort: steel mast: rect be erected on site of old mast: disapproved suggested location	800
119497	3-7	Y&D	Towers for Boston, Whashington, Key West; contract awarded A.W. Kurz. W	
119691	3-5	ENGINEERING NEWS	Steel radio towers; rect data on triangular type. W Fwd Y&D. 3/13.	
119693	3/6	War Dept.	BALBOA AND COLON; structural steel for towers; corrs with A. H. McCoy re admission free of duty under Panama Act. Summarizes opinions that material is subject to duty Panama Republic except when actually used for Canal Construction.	850
120634	3-20 3-21	Milliken Bros Co S&A	Rect opportunity to bid on those required for new stations. W Fwd Y&D. 3/25.	
120657	3/24	To Heinicke, E.R.	Re advisability of erection of towers of insulating material instead of steel. Request data re their brick structures, etc. W Heinicke further 3-27	
121099	3-28	Matthews, W.M. Co	Solicits orders for Matthews guy anchors. W Fwd Y&D. 3/30.	

MASTS & TOWERS

1913

Number.	Date.	From or To--	Subject.	
92865	2/28	C.O.	ARKANSAS: recommends mast be increased in height and switchboard be place in conning tower for connecting battle aerals.	124--6
94134	3/25	Norfolk.	C, D, E & F classes, fwds type plans of masts and fittings.	497
95837	4/24	Atlantic Communication Co.	Fwds information and sketch of their light portable and collapsible towers. W	
96216	4/26	Res. Tor. Group	LAWRENCE: inc. height of radio masts	262--6
96233	5/1	C&R	C-1, relative to reducing heights of	393--6
97778	5/21	To C&R	P-Class, Bu. possibly will not be able to provide radio sets before SEPTEMBER. Reqt that detail plans of masts and fittings be prepared.	149--6
97877	3/10	C.O.	HUMBLEY: reqt reduction in height of top gallant mast, asks if satis. from radio view	442--6
97877	3/10	C.O.	SUPPLY: recommends reduction in height of top gallant mast.	422--6
99540	6-9 6-13	Crocker Land Expedition NY	Reqt. loan of 2 wooden masts for use in erecting wireless station in Flagler sound. W Fwd Dept via C&R. 6/16.	

MAST & TOWERS. 890

Number.	Date.	From or To	Subject.	
100697	6/23	Federal Tel. Co.	CAIMITO RADIO: towers for; gives reasons why same must be insulated.	851
100991	7/7	Y&D	CAIMITO RADIO: Fwds copy of contract Penn Bridge Co. for steel towers.	851
101635	7-16	TO WAR DEPT	2-40-ft sectional masts; transfer from Signal Corps to Washn; reqn. will be submitted	897
102486	7-22	M. Is 7830	Fwds vandyke on experimental mast for W	
102609	7/28	C&R	C-D-E and F classes: mast for radio; b/p	497
103159	8/7	C&R	SUBS. masts, instructions issued to M. Is. for F-CLASS, asks if same action to be taken for C, D & E classes.	497
103730	8/12	War Dept.	Undertand reqt for mast cancelled.	897
103697	8/6	War Dept	Portable mast for radio post sets, stock exhausted.	897
108052	10/15	To NY, Boet, Nerf, Phila.	Asks if a 60-ft. radio mast with rigging is in store available for issue. W Nerf. 10/16 none. Boet. 10/16 one. Phila. 10/16. two. ex-Cape Henlopen. NY 10/16 none, have material to make. W	
108819	10/26	At. Flt.	Result obtained on Florida test warrants re-locating rooms on all BS below water line and raising mast.	876

1912

Number.	Date.	From or To—	Subject.	
62098	2/25	Beaufort	Reports on temporary arrg of	800
71913	2/23	Norf.	BEAUFORT: mast broken by wind:etc	800
63434	3-11	Heincke, H.R.	Fwd prnts of brick tower and asks that they be considered for erections in future, especially in Panama. To---Ack: Recst est cost of constructing. 3/15.	
63696	3-15	Heincke, H.R.	Brick tower for wireless is entirely self supporting, any type antennae can be fitted. To---Ack. 3/16.	
64076	3/20	To Y&D	COLON: high powered radio station in CANAL zone: reqs plans and specs be prepared for a 300-ft self-supporting steel tower, and a 400-ft similar tower.	808
65648	4-5	Chasn 2057	Reqt. instructions re completing partly finished wireless towers. W	
66658	5/13	To Dept via C&R.	New 1000 ton TBDS: recommends heights of masts be made at least 100 feet: suggests telescopic masts or topmasts, arr. to be easily housed in bad weather, be fitted. BLRB 5-22 Fwd. Dept makes further recommendations. 5-23 RB 7 H Fwd C&R. 7/12. AB 7-27 Fwd Dept. 7/29.	
66534	3/17	Asiatic Fleet	Reports changes in, lengthening of masts, etc.	495

MASTS & TOWERS 890

Number.	Date.	From or To--	Subject.	
✓ 70242	5-29 6-1	Fricke, O. Dept 26840-1461	Invites attention to his patent pendulum tower. For W Ref Y&D 6-4 Ref. Y&D 6-4	
71256	4/10	Guam	Reqt. additional \$500 for erection wireless	mast 813
✓ 71929	6-22	Lowenstein? F.	Reqt. return of model loaned Bureau W To Washn and S&A; directs shipment. 6/26.	
✓ 73638	7/13	Norfolk.	Fwds prints showing radio aerial spreader as fitted.	
75428	8/9	C&R	TBDG 43-50. Dept has auth. changes in height of masts.	440--8
77232	7/9	At. Sub. Flo	SUBS. Class D. recommends fitting masts for wireless. Estimate and plans submitted	907
↓ 79772	10-7	Phoenix Bridge Co	Data on wireless towers; reqt. W Fwd Y&D. 10/10.	
77232	9/11	Fwd C&R	Plan for masts approved for D, E, F, H & K Classes, also masts recommended for G & G glasses.	907
			1913	
87392	1/13	C&R	MASTS AND fittings for, fwds sketch of those proposed for K CLASS.	907

Number.	Date.	From or To—	Subject.	
41964	6/22	C.O.	MACHIAS: reat permission to erect wireless pole on account of difficulty of leading wireless from aerial to room.	272--6
43167	7/10	To Dept	ST AUGUSTINE: reat permission be obtained from CAL for erection of iron tower.	834
44972	7/29	TO Dept	Reat. authority to purchase for Pearl Harbor, Porto Rico, Guantamuro, Key West, and San Juan 2 towers for TUTILA and 10 towers for other stations.	118.
44427	7/29	To Key West	Steps being taken to replace wooden masts by steel towers. Necessary repairs to be made to present masts.	817
45647	8/8	Olongapo	Reat auth. to install native wood mast, on water tower, expedite material	826
47528	8/16	Wireless Spec.Co	Quotes price on steel mast for delivery at Annapolis. W	
48179	9/7	To M. Is.	POINT LOMA: necessary to delay action on mast, suggest arr. no guides under aerial.	830
49077	9/14	Eng. Jd	TATCOCK: fwsd prints showing proposed location mast, suggest be steel at least 300 ft high.	839
52812	11/3	Y&D	SAN JUAN W.STA.: fwsd prints and specns. for proposed steel towers.	835

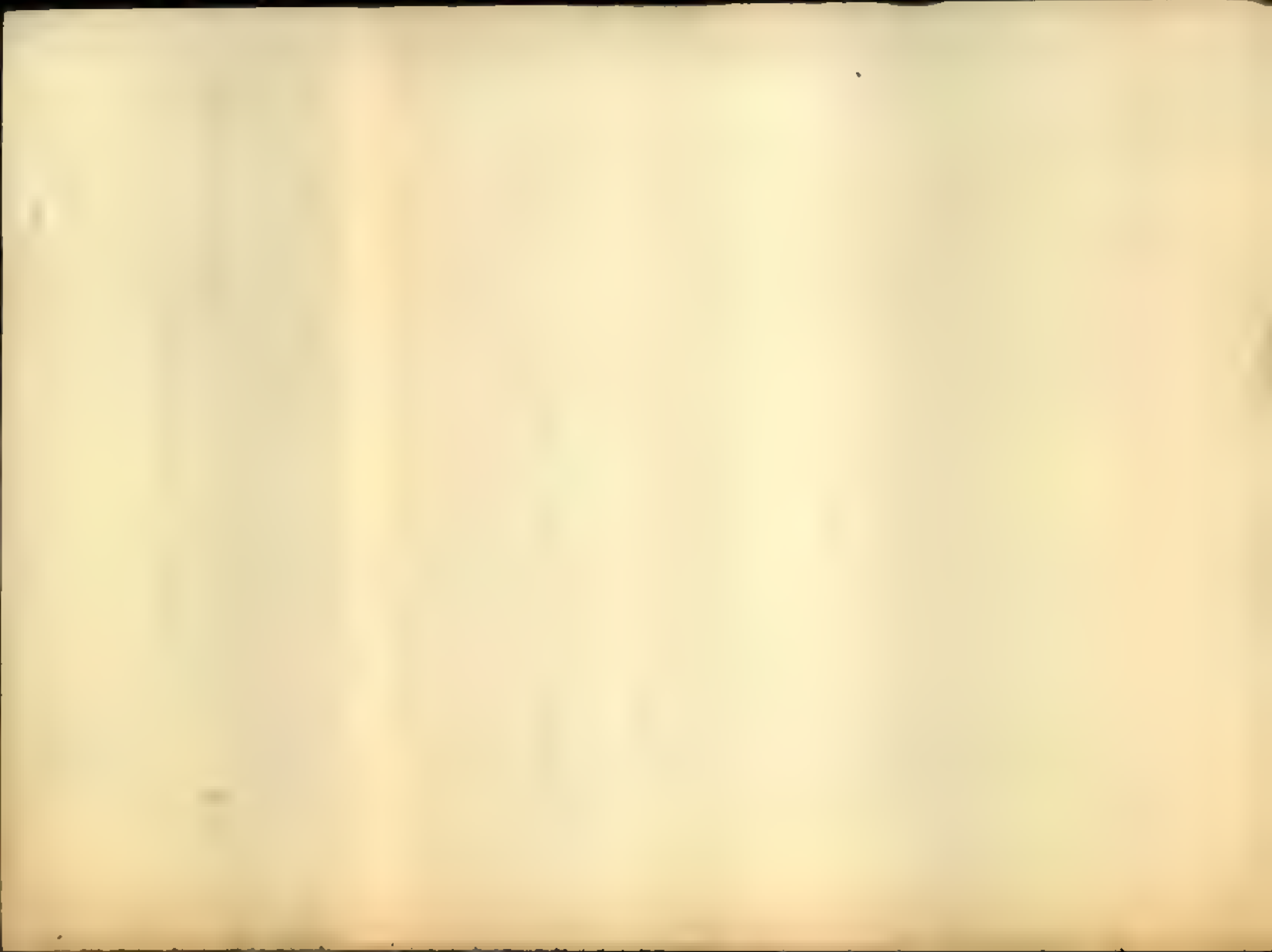
MASTS & TOWERS: 890

Number.	Date.	From or To—	Subject.	
53284	11/7	NY	SAN JUAN: proposed steel tower for: also for Newport	835
54562	11/17	Pug. Sd	Reports damage to masts at Yd and at TAROCCHI island to extensions recently placed on mast. Believe that towers will be required if masts must be 242 feet high.	833
54568	11/20	M. Is.	UNALASKA: reports damage to	845
56067	12/14	To C&R	Insulation of rigging, rec. steps be taken to place insulators in such position that the continuity of induced currents may be broken, and that use of hemp or other insu- lating material for foot lashing of Jacob's ladders be discontinued	883
57020	1/18	To Y&D	1912 Schedule 4146: Requests plan be prepared for steel towers 250 feet high, to be be installed anywhere in tropical countries.	708
J 59693 ⁴	1/22	Omaha Steel Const. Co	States desire to bid on all steel wet towers for wireless. W to be bid S&A via Y&D Rec be given opportunity to bid 1/27.	
61731	1/19	Finkel Belmont Co	SYSTEM: invites attention to new system being placed on market by Baes Mfg Co. also improved tower, submits spec's and print of same	901

FILE No.	From or To— (Dated)	Subject.	
35082 4/4	M. Is.	M. Is. reqt. auth. to purchase and install new mast at M. Is. and San Diego.	810
36188 4/14	To Dept.	CHAS. W.T. reqt. auth. to erect 2 steel towers	807
✓ 36339 4/15	Heller & Aller	Gives dimensions of 125' wireless tower. W To -- Reqn. being submitted for 2 towers, one for Jupiter Inlet, and one for St. Augustine. 4/29	
✓ 36378 4/14	Heller & Aller	Q otew primes on wireless towers. W	
38528 5/11	To Dept.	WASH. L.D. reqt. auth. to proceed with making contracts for erection of tower and buildings	841
40159 ?	Y&D	WASH. L.D. fwds copy of specs covering steel towers for.	841
✓ No # 6/7	To Dept.	M. Is. & Joint Loma: Reqn. 695; Reqt. auth. to have bids for erection of masts referred to Commandant. M. Is. for rec. as to award.	
40778 6/9	To Chas.	Fwds copy reqn. 312 for towers for St. Augustine and Jupiter Inlet. W	816
41487 6/17	Y&D	WASH. L.D. fwds proposals on: award recommended to Baltimore Bridge Co. \$105,541	841
34290	See card #2	To Washn. Fwds copy reqn. 12 for two 40-ft. Fort 15. M. Is. to be furnished by U.S. Signal Corps. 6/23.	

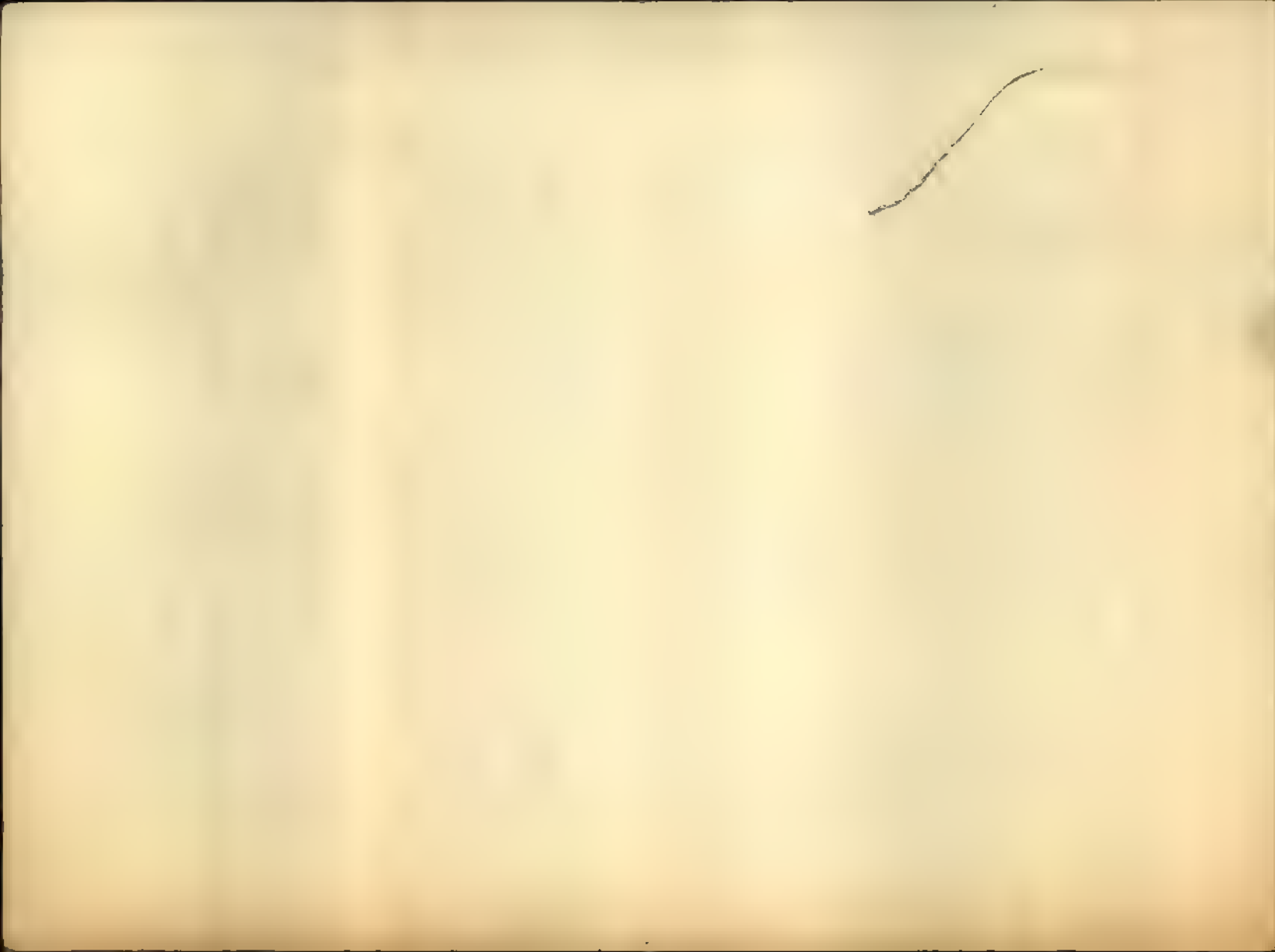


FILE No.	From or To— (Dated)	Subject.	
33503 3/10	Davis Construc. Co.	Wash.L.D. rel bid on:	841
33496 3/9	Weber Chimney Co.	do	841
33498 3/9	Gen. Concrete Co.	do	841
32963 3/10	McClintic Marshall	do	841
✓ 33626 3/10	Heller, Aller Co.	Galvanised steel towers for wireless: gives information re delivery & fwsd prints. W. To -- Reqt outline prints. 3/18.	
✓ 33673 3/7	Commercial Wireless Tel & Tel Co	Fwsd photos. of mast recently erected by them and invites attention to construction of W. To -- Papers will be re: to Pac coast yds 3/18. R.B. 3, 30	SEE BELOW.
33586 3/10	Metal Concrete Chimney Co.	Wash.L.D. recommends re-enforced concrete	841
32963 3/11	Pollock, W.B.Co.	WASH L.D. TOWERS: re: t prints	841
33963 3/11	Snare & Triest Co.	Do	841
33660 3/10	Nat.E.Sig.Co.	Wash.L.D. 100 KW set: fwsd prints	841
33738 3/10	Fuller Co. J.A.	Wash.L.D. not able to submit bid on	841
✓ 34290 3/21	TO Dept	Portable: reqt. 10 be obtained from signal corps. Army. W R.B. 4/4. Ret Dept. Reqn has been submitted for two 40-ft masts. Reqn 12. C/20.	ind 3
34451 3/22	Newport	Reqt that additional \$1000 be allowed for construction of foundation for mast.	822
34576 3/23	Heller & Aller	Fwsd information re towers. W To -- Reqt est. for 151-ft towers for St. Augustine and Jupiter Inlet. Fla. 4/8.	
33673	SEE ABOVE.	Fwd Puget to note and return. 4/6. R.B 4-24	



MASTS & TOWERS.

FILE No.	From or To— (Dated)	Subject.	
28915 1/11	Ing. 3d	Reqt auth to increase height of mast 70'	
28914 1/12	M.Is.	PAO Coast Sta. Unalaska, recommends steel towers for estimates cost for use of ships masts	895
28930 1/12	Engrg. Record	Wash. L.D.Sta. asks if any progress has been made on plans for concrete tower	841
29073 1/14	To Motley Green Co.	UNALASKA: reqt price on two towers	845
29072 1/14	TO M.Is.S&A.Dept.NY	KODIAK & UNALASKA: rel tower for	844
30439 1/28	Kelley & Co. W.M.	WASHINGTON L.D. concrete tower for: prints	841
30504 1/31	Motley Green & Co.	UNALASKA: reports steel tower on hand which might	845
30591 2/1	M.Is.	KODIAK & UNALASKA: recommends special section of mast, 225': recommends allotment of 225' C.	844
30824 2/3	Motley Green & Co.	UNALASKA: suggest rep. of Bu. visit works and examine mast	845
31440 2/10	Clapp- Eastman Co.	PORTABLE SETS: states no prints covering masts and antennae with	897
32848 2/18	Cronk, Mrs. C.P.	CAPE HENRY: reqt removal of old coast signal service tower at	805
32963 3/6	Circular to Firms	WASHINGTON: L. D. Submits requirements as to towers and concrete bldgs. W.	841
33016 3/3	Chas.	CHAS. recommends new steel mast for	807
33071 3/6	TO Heller & Aller	Reqt. quotations on steel towers for wireless for delivery on Atlantic coast. W	
32963	N.J. Foundry & Mch Co Motley Green & Co Keel Construction Co Heinicke, E.R. Penn Bridge Co.	Wash. L.D.Sta. rel bids, reply to C.L.	841
		do	

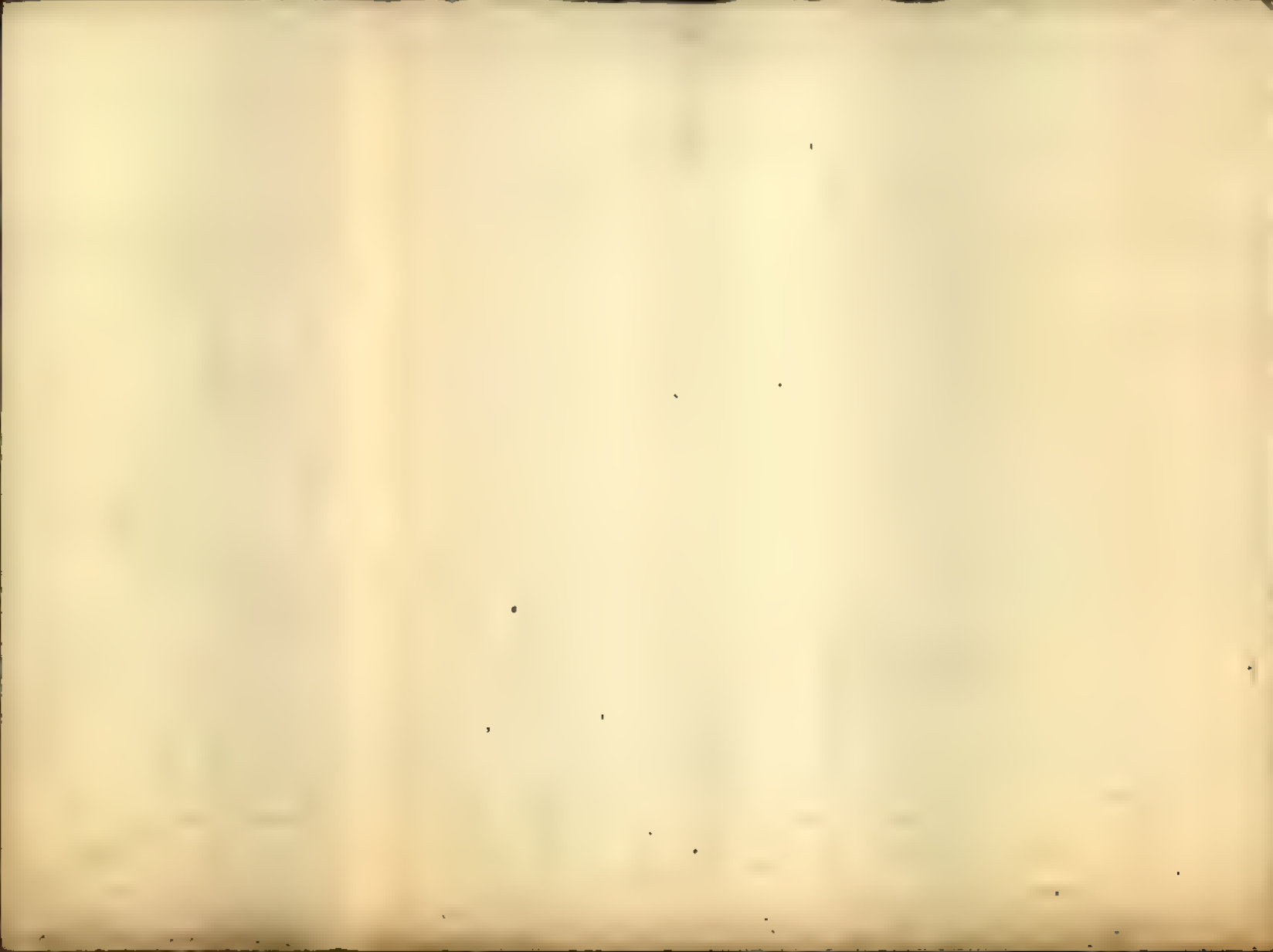


Number.	Date.	From or To—	Subject.	
43521	6/27	Dept	SUBMARINES: approves fitting telescopic mast on submarines for carrying mast head lights.	497
			1912	
			1913	
90303	1/25	Monaghan (At. Fleet)	1916 Reqt cage mast be fitted on TBDS. Fleet and Flotilla commanders recommends against but recommend heavier mast than those now fitted.	495
91112	2/15	Gen. Board	Recommends retention of two cage masts on vessels where now fitted and their installation in future constructions.	647--11
278488	1-25	Key West	1918 Submits report on condition of mast and bldgs-rec be either repaired at once or abandoned and dismantled-menace to life.	793-5
			1918	
501593	4/27	C&R	Evds report from Atl Sub Force re telescopic ratio masts on submarines in the L class "	875

see RECEIVING & SENDING.

see RECEIVING & SENDING.

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MESSAGES

1922

Number.	Date.	From or To—	Subject.
629560	6/22	DNC	Copy of letter to Pac & Asiatic Communication pts. on mutilation of messages W
631879	6/12	Asiatic Fleet Circ.	Errors in transmission of radio communications- instrs cov W
637505	8/12	Dept	Copy of telegram to districts giving dates vessel will sail for Brazilian exposition. W
641538	9/13	Dept	Fwd's copy of letter from Pac Fleet rel to efficiency of communication with recommendations W Navigation- Fwd's copy of letter from Pac Fleet rel to. 9/20 W Fwd's copy of letter from Pac Fleet. 9/26 W Navigation 9/28 W Dept 9/28 Copy of action to fleets W Dept - makes changes in circular letter of 10/4. 10/5 W

MESSAGES

1922

Number.	Date.	From or To—	Subject.
✓ 645761	10/14	Dept To comdte- yds-Stans.	subm comments on price rates, Radio to Districts listed reqsts estimated data M.I. 11/23 T Can not furnish inform desired W To M.I. (1) yes 12/4 9th District 12/14 Fwds tabulated date requested W M.I. 12/11 Fwds copy of data in connection with cost of services rendered by shore stations 11 and 12 Districts, fiscal year 1921 W 15th District 12/14 Detail report cov services rendered by station W M.I. 12/23 Fwds tabulat.o. data of services Submits report on per. commands of radio set and communication enroute to Annapolis and return W To Boston- submits recomms- Requests inform cc Div Zero 11/24 as 1/6/23 W To corp- Fwds corres listed 11/24 To Phila- Fwds corres listed- gives instrns 11/24 No r 12/6 Comments on W NX 12/22 Comments and details W
649798	11/10 11/15	547 CO N-2 Sub Div 0	

MESSAGES

1920

Number.	Date.	From or To—	Subject.	
474772	2/2 2/5	Bar Harbor 1st Dist	Fwds samples of tape made on Annapolis sending high speed to Stavanger. Fwd Annapolis via Cdt Wash 2/16 c. by Supt Acad Annapolis. (T) - Compensating wave is too close; are experimenting to remedy. 3/8 Washington: fws report from Annapolis on high speed key system with detailed recom- mendations: W 3-16:	W. aval
480314	3/8	To Navigation	Long distance record made by American Naval Radio Station. Fws report of long distance record. for publication W	
484637	3/30	Lowenstein Co.	Ask name of manufacturers of transmitter used for transmitting between Inglewood Sta. and Steam Ship VERA, S.M. To Lowenstein Co 4/2	W
484947	3/31	P.C.C.S.(T)	Mutual Co. ready to take over all work with arc ships provided they will listen on 600 meters.	W.
490266	4/27	Bar Harbor Copy	British station request use wave more remote. 905 W	
496365	5/26 VOID- (898)	Pacent Elec. Co.	Fws bulletins describing dual lateral inductances.	W.



MESSAGES

Number.	Date.	From or To--	Subject.
555635	4/2	Communications 716	Request inform rel to a proximate cost per word for operation of high power stations in conn with determining weather saving in Govt hooks could be effected by partial transmission of Govt messages by radio. W to Dir Comm - Gives inform 4/25
576940	6/30	Atl. Btlship Squad 2	Report on communication with Btlship Squad 169-6 2 from Annapolis to Christiana, Norway. W
591164	10/17	Ship Board	Exds report from Radio operator on board EMPIRE STATE criticising Navy, etc, schedules and operators. W com 10/18, Ship Board 914 To yds - District Stations listed - alleged poor service rendered by certain stations on and in the Pacific 10/25 Fwd Dir communications 10/25 15th Dist - Copy action to Communications. 11/4 Cav. to - Comments on 1/11 W

MESSAGES, RADIO

Number.	Date.	From or To—	Subject.	
✓ 419101	4;25	<u>Lloyd</u>	In con with arrangement made to adv Lloyd registry re maritime casualties, derelicts, passing at sea, etc. fwd Comm 9-21	W
✓ 440567	7:29 8:16	Canadian Marconi Co ~~SEA~~	Fwds invoice cov charges on messages fwd by ship on 6/1 during month of April. fwd Com 8/21	W
446432	9:30	Com	Fwds copy of message from Cayey in con with schedule of service. W	
448847	10/2	Cordova (copy)	R, port of signals with Cayey. W	920-4

Number.	Date.	From or To—	Subject.
✓ 464215	11/15	Cutting & Washington	Asks if certain signals were received were from Hauen. Fwd D.N.C. 12/19
465794	12-31 10/8	To D.N.C. Communications- Report on earnings of shore stations month of Feb. 1918.	Traffic handled by shore radio stations of the Naval Communication Service. W Communications- Subm statement of earnings of shore stations, month of November 1917. W Communications- Subm statement showing earnings of shore stations, month of February. 5/17 W
470137	1/7	Pearl Harbor	Fwds copies of messages recd from Hauen, Germany, at Mailuna. Fwd D.N.C. 1-20 W.
470138	1/6	Pearl Harbor	Subm report on material observation of A- na oles and New runswick Stations. W.
472772	1/30	To European Forces	Newspaper clippings. Info reqst from Marconi Co concerning circumstances at radio stations which cause of press comment in this country- commn with Mars. W European Forces- fws copy of letter from Marconi Co. in connection with erroneous report circuit failed about communication by radio with Mars-2. 2
473265	1:31	Bar Harbor T	Washington yard are is working better. To Washington 2/3

MESSAGS: RADIO

Number.	Date.	From or To—	Subject.	
351608	9:11	Dept	18 broad castings of unnecessary dispatch vessels and directs curtailed.	
359245	11/14	Communications	... of K.	650-2
356442	10:1 10:7	Hampton Roads Montauk	Sub report of seaplane radio, asks if plane attached to Montauk station. W	
364041	10:26	Dept	In con with form of messages for ships and stations in con with ref number. K	
364596	1:11	Sims Copy 368	Morara Wireless Station intercepting Cavite.	

Number.	Date.	From or To—	Subject.	
395303	2/17	To CO (T)	DNC info RP vouchers not necessary on Report RP Messages rec'd to DCS W	42-X-6
398646	3:1	PCGS	In con with acceptance of Manila Com Traffic.	
398824	2-28	To W B Pierson Beth Co	Tell my eastern U officer will take comm. for returning ships and will send message wireless for thiersor sta if this is o. business hav will send it Leviathan sailed Feb 28th from port for NY Coast Cruiser Force in LY in LY can supply mess pass	
400213	3:1	5th Dist	Sub instruc in con with report.	
403603	3:15	Dept	After Apr 1st war tax of 10 cents per message will be collected on all messages commercial radio traffic where cost of message is over 50 cents.	W

MESSAGES: RADIO

Number.	Date.	From or To	Subject.
325242	6:25 7:10	Co Maine Naval Communication	Fwds memorandum statement by radio officer covering report of code signal received. W Fwd. Nav.Comm. (no date).
316171	6/11	G: Co	Part of 2nd 1st Air ... to ... Capt. ... to ...
327149	7:23	<u>American RR Corp</u>	Old Number
332099	7:29	<u>Marconi Co</u>	Detailed comments in connection with measurements, will fwd when company has had opportunity to read thoroughly.
333413	7:19 8:2	European Forces Naval Communication	Fwds intercepted radio messages for convey W Fwd. ... received back 8:25 Fwd. NY ... received back 8:9 Fwd. Comm. 5/12
33722	7/5	To ...	...

92C-12

LESSAIES: RADIO

Number.	Date.	From or To--	Subject.	
211401	12-12	Asiatic Flt	Reports operators are being trained for long distance work; fws copy messages caught from German Station Nauenz.	495
212385	1/22	Dept	Telegrams, radiograms, etc; gives designation by which various Bureaus are to sign	716
213329	12-26 1-31	DET MOINES Dept	Reports receiving messages from Arlington, and east coast yards; Dept has directed messages be sent out broadcast.W Fwd Dept--Noted. 2/3	
215220	12/27	Asiatic Flt	Reports on long distance message received by BROOKLYN and GILVERTON; request confirmation of a message from Nauenz and Sayville	495
223055	4/10	Pug 3d VCID		
225281	4/27	Director	Schedule effective 4/30, 1917	
230205	5-24	NY	E-1; reports receiving long distance messages; gives description of apparatus.	907
231975	5/12	Guatemala (W.R.MacDonald)	Relative to efforts to establish communication with Montisabel	853

892 TELETYPE: RADIO.

Number.	Date.	From or To—	Subject.	
239214	7-17	Communication	states telegram used in making reports of station but no longer gives designation and suggests designation to be used.	902
✓ 242443	8/1	Communications	Reports addition of 10 word minimum on radiograms, Naval service, Canada.W	
✓ 251271	8/17	Amer Embassy, Paris	Radio communication between US and France.W	
260413	11/13	Fwd Nav Com	Unusual communication intercepted. Comments on.W	
✓ 261147	11/16	Dr L.W.Austin	Fwds copies of letters relative to receiving all American and European stations in New Zealand - W	
✓ 261147	11/15	Dr L W Austin	Fwds report on reception of American and European radio stations in New Zealand.W	
✓ 265873	12-5	Communications	Lents radio station; reports on test of low power.W	
297515	4-11	Director of Nav Comm'r	Forwards copy of message intercepted at Pensa Air Sta-Are making search to locate station sending signals. To Pensa-Birm's a letter locates station Pensa - submits further report. 4-13	

MESSAGES: RADIO.

1916

Number.	Date.	From or To	Subject.	
177057	1/10	At Flt	Reports on use of shore stations in relaying messages between divisions of fleet; request rule be laid ~~on~~ down	914
178294	1/26	Atl Flt	Reports on communication between ships and shore stations	493
178472	1/30	New Orleans Communication Office	Reports difficulties in getting messages through in explanation of duplicating commercial message	821
179317	2/9	Pac Flt	Fwds suggestions of Gunner W.N. Fanning, for using different tones instead of dots and dashes for sending code messages; ty,ewriter and duplicator, operations of shore stations	876
181492	3/3	Supt Radio	TEXASSEE: copy of orders for maintaining communication with while on trip to South American ports	431-6
181656	3/4	San Juan	Reports intercepted message Nauen, Germany, to Sayville, by use of inductance coil made by station force	835
181604	2/24	At Flt	Charleston Radio Station; complains of radio communication with; excessive static etc.	807
1825 00	3/22	Dept	MARIETTA; quotes correspondence reporting difficulties in communication between vessel and MACHIAS	278-6
184415	4/3	Bost	Faulty communication with Arlington	843

MESSAGES: RADIO. 892

Number.	Date.	From or To--	Subject.	
185439	4/20	At Flt	Communication between fleet and shore stations: Beaufort signals best when for fleet work; NY poor receiving but fine sending station	493
185801	4/19	CHESTER	Fwd copies of intercepted messages from US stations while on duty West Coast of Africa	156-6
191211	6/19	Supt Radio	Submits report on number of messages handled by Sitka and Cordova during breakdown of the Washn-Alaskan military cable	836
✓ 192110	6-21	Fed Tel Co	SS Ventura; heard messages from Tuckerton at distance of 9000 miles. W To--Ack receipt of. 6/28	
192451	6/6	SACRAMENTO	Corres relative to inability of coast stations to establish radio communication with vessel	222-6
193408	6/23	San Juan	Long distance message, Marconi Station, Honolulu, Japan. Fwd and Ser-- Noted! 7/17	
203208	10/19	Atl. Flt T	Request all despatches for ships on Southern Drill be sent by arc.	493
207584	12-2	Operations	Reports failure to obey orders Jan 7 relative to holding telegrams until last hour of day; also not marking certain messages "Nite"	600-2

MESSAGES:

Number.	Date.	From or To—	Subject.	
132322	8-14	Supt Radio	Circular No. 10; relative to sending prefixed "Gov't". W	
134607	8-10	Supt. & Gen. Bd.	Proposed regulations covering - establishment of Office of Communications in Navy Dept.	914
135395	9/25	At Flt	Copy of circular letter governing radio communication in vicinity of Norfolk	493
139844	11/16	Supt Radio	Copy of circular letter re collection of tolls for commercial messages	914
139878	11/14	Supt Radio	Copy of circular letter re handling messages for Govt Depts; directs messages never be accepted with charges collect	914
140271	11/21	Dept T	Telegrams, cablegrams, radiograms, relating to war material all to be coded	716
147857	2-20	Dept	Copy of order regulating sending of Mobilized Naval Communication and Radio communication. W.	
147778	2-11	San Juan	Reports intercepting message from San Diego to Arlington. W. Fwd Radio Ser-- 3/1	
154009	4-30	Supt Radio	Circular No 19; War Dept changes rates for messages	
155067	5-5 5-14	Norfolk Radio Sta Norfolk	Recd definite instructions relative to handling relay radiograms during heavy storms. W. Fwd Radio Ser-- 5/17	

MESSAGES: 892

Number.	Date.	From or To--	Subject.	
157472	5-18	Supt Radio	Submits table showing great increase in suggests rules and methods for preventing congestion of fleet	914
166204	9-3	LA.	Reports hearing Arlington while at Vera Cruz	268-6
166716	9/13 9/24	Guantanamo Supt Radio	Reports improper use of reference numbers on radios; reqt copies. K Fwd Rad Ser-- 9/28 BB 10/14 Fwd Operations 10-16	
167351	9-27	Pac Fleet	Reports overhearing long distance messages between Marconi station near San Fran and Japanese station at Tokio. W	
171368	11/12	Dept	Regulations for handling despatches sent or received by radio, telegraph, cable or telephone	600-2
175401	1/5	To Newport via NY	Radio traffic between New York and Newport; direct communication between stations; reqt re difficulty experienced in	323
176015	1/7	Dept	Instructions for signing dispatches; too many signed with regular mail, causing congestion between 4 and 5 o'clock	600-2
176104	12-11 1-12	CHESTER Operations	Reports receiving messages from Arlington while at Morova, Liberia, distance of 4055 miles; Operations will carry on tests with c CHESTER for 5 days. W Fwd Dept via Rad Ser-- Dept copy of letter to directing fur test 1-25	
176193	1-10	Office of Communications	Reports communication between WYO at Cape Henry and <u>San Diego</u> at Guatmas, using arc set. W	

1914

MESSAGES.

Number.	Date.	From or To—	Subject.	
118671	3/2	Memo for Secy	Comments re secrecy and publicity of signals and messages sent out by vessels in distress. W	
118969	2/20	Supt. Radio	Radiograms; handling of; comments on complaint of C&R re delay in delivery of those received after office hours. Dept. suggests telegraph office remain open all night with officer on watch when required.	600-2
119700	3/3	Supt. Radio	Radiograms; recommends adoption of standard form for use of Bureau for sending confirmations, etc.	610
120710	3/22	At Flt	New instructions re use of wave length shifters, sending messages, etc.	493
121378	4-40	At Flt 487	Copy of circular letter of instructions for handling official radiograms when transmitted by telegraph from shore stations.	
121327	4-1	Supt Radio 4285-489	Recommends using 2 receivers set at different wave lengths in shore stations for convenience in handling messages from merchant vessels. W	
121981	3-31	Lloyd's	Reqt instructions be issued to radio stations to send messages of casualties, derelicts, etc. to Lloyd's at NY; agrees to pay for. W Fwd Supt. Radio. 4/10.	

MESSAGES: 892

Number.	Date.	From or To--	Subject.	
121959	4/2	Dept	Radiograms: directs messages for delivery to Navy Annex be phoned direct to office as well as telegraph operator.	600-2
122540	3/28	Supt Radio	Proposed memo governing radio communication by fleet between vessels of fleet, shore stations, etc.	914
123010	4/21	F wd. Supt. Radio VIA S&A	Re routing of radiogram from Charleston to Buseng 4/13/14	610
123103	4/22	Dept.	ATL FLT: directs radiograms and cablegrams for be sent by special messenger to Aid for Material in order that the urgent ones may be separated from others	493
123555	4/27	Dept	Radio messages for Atlantic Fleet; directs be sent direct to Div Operations	493
128459	6/26	MARIETT A	Unable to communicate with SOUTH CAROLINA or San Juan by radio	278-6
✓ 129259	7-3 7-7	Nat. Star Spangled Banner Assoc Marconi Co	Flag pole at Port McHenry; recd confirmation that first American Radio message was sent from to Washn; recd plate be attached. To Marconi Co. no definite data. 7/14.	
130924	6/30	Tutulla	Reports intercepting messages from North Head and Unalga	846
131203	7-28 7-30	Supt Radio Dept	Edw's corres relative to delay in transmitting radiogram from Chagn Yd. W Ret Dept. New storage battery being prepared for Beaufort station. 7/31.	

MESSAGES.

1913

Number.	Date.	From or To—	Subject.	
✓ 108311	10/31	Dept. 12479-270	Radio messages: after midnight, Nov. 2d, Arlington will handle all previously handled by Washington yard-E	
109498	11/4	Sept 1	RADIOGRAMS, handling of, submits proposed change in regulations.	716
109692	10/21	At. Flt	Reports on radio communication of fleet in Gulf waters.	493
✓ 110616	11-17	Supt Radio 2838-210	Fwds corres with Chasn yard re time consumed in transmission of messages. W To Chas. Request sketch showing method of attaching antenna to mast. 11/19 Fwd Supt. Radio. 11/19	
✓ 111952	11-14	BIRMINGHAM:	Reports, receipt of weather and tide reports from Arlington Station off coast Brazil. W	
112667	12/12	Chas.	Fwds letter from ELGIN OBSERVATORY reporting hearing Charleston Sta. and reqt wave length, lower, etc. Reqt instructions re answering this type letter.	807
112627	12/2	M. Is.	SAN DIEGO: reports on efficient working of station and fws copies of messages intercepted from ARLINGTON, N.Y. Fleet, Chas. Station 5700 miles distant.	830

MESSAGLS 892

Number	Date	From or To	Subject	
112821	12/6	At. Flt.	Reports on intercepted radio conversations on recent passage from Europe to NY	493
✓ 113057	12-14	FLORIDA	Reports receiving fragments of press reports news at Naples, Italy sent out by Cayville, Reet confirmation. W Fwd Supt Radio. 12/19 Fwd Supt Radio. 1/28.	
		1914		
114103	12/22	Pug. Sq	Fwds copy of intercepted long distances from east coast.	833
114273	1/1	Schoning, H.C.	Reports hearing ARLINGTON, New Year Eve. from SAN FRANCISCO.	841
✓ 114811	1-12	Officer Indian Affairs	Reet Arling' on send enclosed message to radio station at Rose Butt Indian School. W To---Fwd Supt Radio. 1/13	
118714	2/19	At B1t	Recommendations for sending all except urgent messages in code.	879
118764	1/31	At Com Co	Report station at Nauen Germany caught full text of weather report sent 1/11/12	841

1913

Number.	Date.	From or To—	Subject.	
94756	4/11	Fry, H.D.	ARLINGTON, asks if sent message to M.I. is on or about Jan. 1st	841
98415	5/23	Mare Is. 5769	Requests instructions be issued for uniform counting of words: compound names to be counted as one word. Fwd Supt Radio. 5/31.	
99613	6/12	At. Flt	Communication between ships by radio, commands personnel and directs that messages between ships during exercises be given precedence over flag ship messages to shore stations.	493
101257	7-1	Supt. Radio	Circular No. 19: giving re-classification of and changes in rates. W	
101424	7-11	Dept	REGULATIONS: rules issued that cable address to be used except where forwarded as domestic telegram.	914
103163	7-31 8-5 8-6	Pac. Coast Cod Fish Co Humphrey, Hon. W.E. Dept	Fwd protest against prepayment of. W	
104039	8-20	Supt Radio	Extracts from report from ILLINOIS on long distance messages caught by that vessel. W	

MESSAGES 692

Number	Date	From or To	Subject	
103948	8/16	Dept	TESTS. fwds corres. from Marine Corps stating that cost of sending test messages via Federal Tel. Co to Honolulu exceeds present rate via cable.	903
104113	8/19	Dept	ADMIN: directs radio messages be sent & received by Telegraph Operator.	600--2
105952	9/18	"	RADIOGRAMS. confirmations to be mailed immediately after message is phoned	600--2
104134	8/16	Sup. Radio	Sending of messages and payment for same, revision of regulations, in accordance with London Convention.	914
104364	8/25	Supt.	ARLINGTON: reports from SS K. Wilhelm hearing signals distance 1600 miles.	841
104337	8/25	M. Is.	Can communicate with ALASKAN by night, day communication un reliable.	895
104459	8-25	Supt Radio	Circular No. 22 covering the forwarding of commercial and service messages thru coast stations. W	
104517	8/25	Supt. Radio	ARLINGTON: fwds report showing ARMY STATIONS in West which have been catching time signals.	841
107522	10-1	Supt Radio	Circular No. 29; covering multiple addressed counting of workds, etc.	912

1912

8 ✓

Number.	Date.	From or To—	Subject.	
82973	11/16	G.O.	TACOMA: reports catching messages and report on set.	425-6
83308	10-21	MARYLAND:	Reports on long distance intercepted. W	
83307	10-21	CALIFORNIA	ditto	
83829	11-5	MARYLAND	ditto	
83838	11-5	CALIFORNIA	ditto	
83904	11-24	Pac.Flt	ditto	
84008	12-2	Marconi Co	Comp. aina non delivery of commerical message sent thru Beaufort. W To---Fwd Radio.12/3.	
85887	12/16	M. Ia.	Reports on success of station in catching long distance messages: Norf. New Orleans. Arlington, and shore stations on Atlantic Coast.	818
87437	1-13	Atlantic Com.Co.	1913 Reqt. schedule of rates for commercial messages at 6 stations which will be opened for handling Jan. 15th. W. Fwd Supt Radio.1/14.	

MESSAGES 892

Number.	Date.	From or To—	Subject.	
87912	1/20	To M. Is.	Radio service for official messages from Honolulu to San Francisco. Use of Federal Telegraph Co's radio instead of cable.	903
88544	1-17	M. Is.	Recommends commercial work with Cannery stations be handled same rate as given ships. W. Fwd Supt Radio. 1/25	
89078	1/24	WYOMING	Fwds intercepted radio messages. W Fwd Supt Radio. 2/1.	
90471	12/28	Asiatic Flt	Reports marked improvement in radio communication Comdr-in-Chief Shanghai and communicating with Cavite & Peking.	495
91592	2/26	M. Is.	TEST: submits additional data on secret investigation of messages FEDERAL TEL. Co. between Honolulu and San Francisco.	903
91736	2/17	Honolulu	Federal telegraph Co. reports on messages	903
92293	3/12	M. Is.	Federal Tel. Co. services with HONOLULU regular and reliable at night, day communication possible under favorable conditions.	903
92728	3/12	M. Is.	Federal Tel. Co. report on investigation of communication between California and Honolulu.	903
92538	3/1	Pac. Flt	Reports COLORADO intercepted message while off Manzanillo being sent from HONOLULU	903

1912

7✓

Number.	Date.	From or To—	Subject.	
76291	8/21	To Western Union T. Co. Postal Tel. Co. United Fruit Co.	Requests set of forms having to do with main office accounts and inter-company accounting, for use in preparing instructions relative to placing certain naval radio stations on a commercial basis.	
	8/24	United Fruit Co.	Have instructed auditing Dept. to fwd forms. W	
	8/26	do.	Fwds copies of forms used, etc.	
			To United Fruit Co. Ack. 8/26	
			To United Fruit Co. Ack. 8/29	
	8/29	Western Union T. Co.	To Western. Ack receipt of forms. 9/3	
			To Western. Fwds copies of bill, 3.6412. 9/3	
77755	9-9	Marconi Co.	Accounts of messages handled by San Juan; reqt. be sent to NY in lieu of Balto office. W	
			To— 9/11	
77796	9-10	Nat. Elec. Sig. Co	Gives list of stations, call numbers, etc. in connection with Navy handling emergency messages.	
			Fwd Dept. 9/11	
78384	9/13	M. Is.	Reports communications between M. Is. and stations in Alaska, also picking up Cape Cod, etc.	818
78636	9/23	To N.Y., Pug. Bd., Key West. To M. Is.	SAN JUAN STA. Tatoosh Island, Key West, opening to commercial business of, asks capacity of plant. N. HEAD, San Diego, & Alaska, do NY for San Juan. 9-28 Key West 9-30 M. Is. 10-11 To M. Is. appr. temporary addtl serial. 10/22.	
79200	9/24	M. Is.	EUREKA, reports catching station in JAP. N also Unalga.	837
79312	9/26	At. Flt	For shore stations, recommends instructions be issued for relaying messages thru nearest station instead of trying to send direct.	914

MESSAGES: 892

1912

Number.	Date.	From or To—	Subject.	
✓ 80299	10-15	Marconi Co	Reqt. Diamond Shoals Light Ship discontinue sending reports to Atlantic Lumber Co. W Rwd Dept. 10/17.	
✓ 80537	10-17	Weather Bureau	Fwds copy of bulletin showing number of messages sent and received from Merchant ships, etc. reporting weather conditions. W. To ---ack 10/22 Weather Bu. 11-4 Weather Bu. 12-16	
81738	10/23	San Diego	Reports on ability to overhear UNALGA, St. Paul, Dutch Harbor.	830
✓ 81807	11-4	Washn Radio	Fwds copies of messages caught from new University Station Michigan. W.	
81598	11/1	Pensacola	ARLINGTON: reports hearing	841
82246	11-2	NASHVILLE:	Report on radio communication across Central America. W.	
82369	11/11	Nav. Intel.	Fwds translation re transmitting each word twice in sending wireless messages.	847
✓ 82672	11/15	To M. Is.	Family of Rear Ad. Sotherland desirous of communicating with Ad Sotherland by radio from San Diego station. Instructions. W	

MESSAGES:

1912

Number.	Date.	From or To—	Subject.
✓ 65620	4-8	Boy Scouts of America	Reet. Brooklyn yard be authorized to send message to their demonstration station at Ypsilanti. To---, 43 NY. Instructions. 4/10. RR 4-15
✓ 65567	4/4	Hart, Robert M.	Asks if radio stations Boston and Newport were in communication on March 24th. W To---Bu unable to inform. 4/8.
✓ 66774	4/20	TO CALEN & CHESTER	RADIO communication of, and J.S. "Carpathia." request information as to difficulty experienced distances; also shore stations communicated with. etc. W
67190	4 '24	SALT	Gives stations, positions, etc. of when trying to get into communication with "Carpathia". W
✓ 66953	4-22	CHESTER	Report on difficulty in getting into communication with Carpathia. W
✓ 67822	5-3	NY 823-8	Reports radiograms intercepted by Pina Island station between Vice President and Mr. Marconi on Kaiser Wilhelm. C
69407	5-3	NY	Gives copy of messages intercepted from Marconi Co to Marconi on board ship. re station Honolulu. W
69661	5/20	Mare Is.	Reports messages intercepted by Eureka Radio Station. W

MESSAGES: 892

1912

Number.	Date.	From or To—	Subject.
✓ 71759	6-17	United Wireless Tel	Reqt. Navy Stations send list of all paid messages received. W Fwd Dept. 6/25.
/ 74162	7/16	Colon	Reports communicating with ships across Isthmus. W
74460	7/26	Weather Bu	Fwds statement of radiograms received at La. West, St. Augustine and Jupiter that appear to have been sent somewhat late after their receipt. W To --- comments. 7/31. To --- Fwds. replies from stations to complaint. 8/12
75661	8/1 8/12	San Juan NY 1215-33	Fwds report of paid messages handled for the United Wireless T. Co. W To-Marconi W.T.Co. 8/14 Ref N.Y. 8/14 Marconi W.T.Co. 8/19. Fwds duplicate: original addressed to N.Y. W To NY. Instructions. 8/21.
75721	4/19	Newpt Torp. Sta.	Reports inability to exchange messages with the CARPATHIA relative to the Titanic disaster. W
75980	8/16	Marconi W.T.Co.	Requests instructions be issued to Naval Coastal stations to send copies of all messages sent or received.
✓ 76391	8/22	Marconi W.T.Co.	Give a name of representative at San Juan radio station, and requests be instructed to furnish all copies of messages sent and received. W To-N.Y. directs San Juan be instructed of representative 8/23 To-Co. 8/23

MESSAGES.

Number.	Date.	From or To—	Subject.
✓ 56947	12/21	FLORIDA	Fwds correspondence with operator at Duluth, Minn. United Wireless Co., showing message from FLORIDA was intercepted by that office. W To---Noted. 12/30.
✓ 57384	12/29	United W.T.Co	Asks if Dept. arrange to handle prepaid as well as collect commercial. W To---Will arrange to accept. 1/2. Fwd Dept. rec arrgts be made. 1/2.
✓ 58477	1/12	Telefunken Co	Reqt. to be informed what stations on Atlantic Coast are prepared to accept prepaid messages. W To---Fwds copy of reprint from Pilot Chart of N.O. At. Ocean. 1/13.
✓ 58614	1/13	Telefunken	Reqt. confirmation of report that Norf and M.is. communicated by wireless and asked makers of sets. W. To---Confirmed. 1/16.
✓ 58669	1/12	United Wireless	States their Hatteras station in commission; not necessary for Diamond Shoals and Flying Pan to receive for that station. W Fwd Dept. 1/16.
35372		SEE CARD #2	Quarterly report of wireless messages. to Narr. Bay, & Washn. Log book for quarter ending Dec 31st did not contain new form. Blanks forwarded to be filled in. 1/17. RLBBL-26. Ret Narr. Bay. 1/25. To Ports. Fwds blank quarterly report of messages to be filled in and ret. 4/20.

MESSAGES: 892

Number.	Date.	From or To—	Subject.
58854	1/8	M. Ia Wireless Sta	Reports long distance messages caught. W To---Noted with interest. 1/19.
✓ 59193	1/20	Telefunken	Reqt. instructions be issued to Beaufort and Chasn. to turn commercial messages over to Eastern Union. W. And Dept. 1/23.
✓ 59387	1/23	Telefunken Co	Reqt. Colon and Guanatanmo stations turn over commercial messages to C & S.A. Tel. Co. W And Dept. 1/24.
59888	1/22	Manapolis W.T.	Reports, caught from Signal Corps, Exp. Sta College Park. W
✓ 61160	1-31	Hoble, K.	Reports catching message from light ship and asks why Norfolk comes in louder than Phila; and if new call books are out. W
61581	2/17	Pacific Fleet	Recommends that vessels of fleet be equipped with 5 kw in lieu of 2 kw sets, invites attention to expeditious delivery of messages from S. DAKOTA to Navigation (20 minutes) 494
62970	2-29	Mis 273	Reports in communication with stations in Cuba; also San Diego. At. Flt. stations. etc. W To---Notes with interest. 3/9.
63828	3-12 3-16	State Dept Nav. Intel	Exchanged between US and Morocco; payment will be adjusted thru Navy Dept. W

MESSAGES:

Number.	Date.	From or To—	Subject.	
44127	7/17	Postmaster General	From trans atlantic steamers; asks what methods can be arranged for fwding reports to Postmaster/ N.Y. W 2nd Dept. Gives list of stations prepared to handle commercial telegrams. 8/2.	
44993	7/31	To Ports	W.T. reqt report on message received with Marconi apparatus from Marconi ships & sta.	832
45539	8/2	United Fruit Co	PERCEA & SHILS & STA: fwsd tariff schedule for receiving & transmitting messages.	891
46908	8/22	TO Colon	Reqt. weather Bureau confirmations besent direct to them. W	
48340	8/27	M.Is	Reports catching message from SS Persia 2461 miles west of San Francisco. W	
48846	9/12	M.Is	Fwsd report from Sitka, on messages. W & other Western stations	
50558	10/6	Ports	PORTS STA: Marconi apparatus; reports messages caught from Marconi stations with.	832
50703	10/5	San Francisco Train.Sta	Reports pickin up message from Japanese vessel at distance 2200 miles. W To—Acknowledgment. 10/28.	
51676	10/21	Telefunken W.T.CO	Reqt. confirmation of long distance, received by Newport Corp. from Colm. W Fwd Larrag. Bay. for information. 10/28. To—Quotes from report recd. 11/9. Fwd Narr Bay. reqt print of ground connections, etc. 11/17. R. 12-7	

MESSAGES: 892

Number.	Date.	From or To--	Subject.
✓ 52736	10/30	San Francisco Train Sta	Reports receipt of mes sage from Honolulu. W
✓ 53345	11/6	M. Is	Reports long distance received from Key West, Colon, etc. W
✓ 53472	11/7	Telefunken Co	R ports messages sent SS Moltke from N. v. Station; rect. authority to collect tolls. W To--Personnele of stations not auth. to handle money. --Twd Key West. for comment. 11/18.
✓ 53670	11/14	Newport Torp. Sta	RP To--Reports re messages. 12/22. Wds copy intercepted messages sent Key West by L. Is. Y
✓ 53761	11/15	Colon	Reports messages with M. Is. and M. Is & Newport. W To--Report longest sending wave length to which transmitter may be adjusted with facilities at hand. 12/1.
✓ 54257	11/10 11/22	Pine Island Comdt.	Reports hearing time signals from Ireland and Colon. W
✓ 55797	12/9	NORTH DAKOTA	Reports intercepting of messages from Mare Island. W To--Notes. 12/12.
✓ 55992	12/7	Yerba Buena	Reports on long distance messages intercepted from Honolulu. W To--Comments. 12/21.
✓ 56546	12/13	Colon	Re long distance wireless messages; states longest sending wave length for which trans-mitter can be adjusted is 3,000 meters. W

MESSAGES:

3 ✓

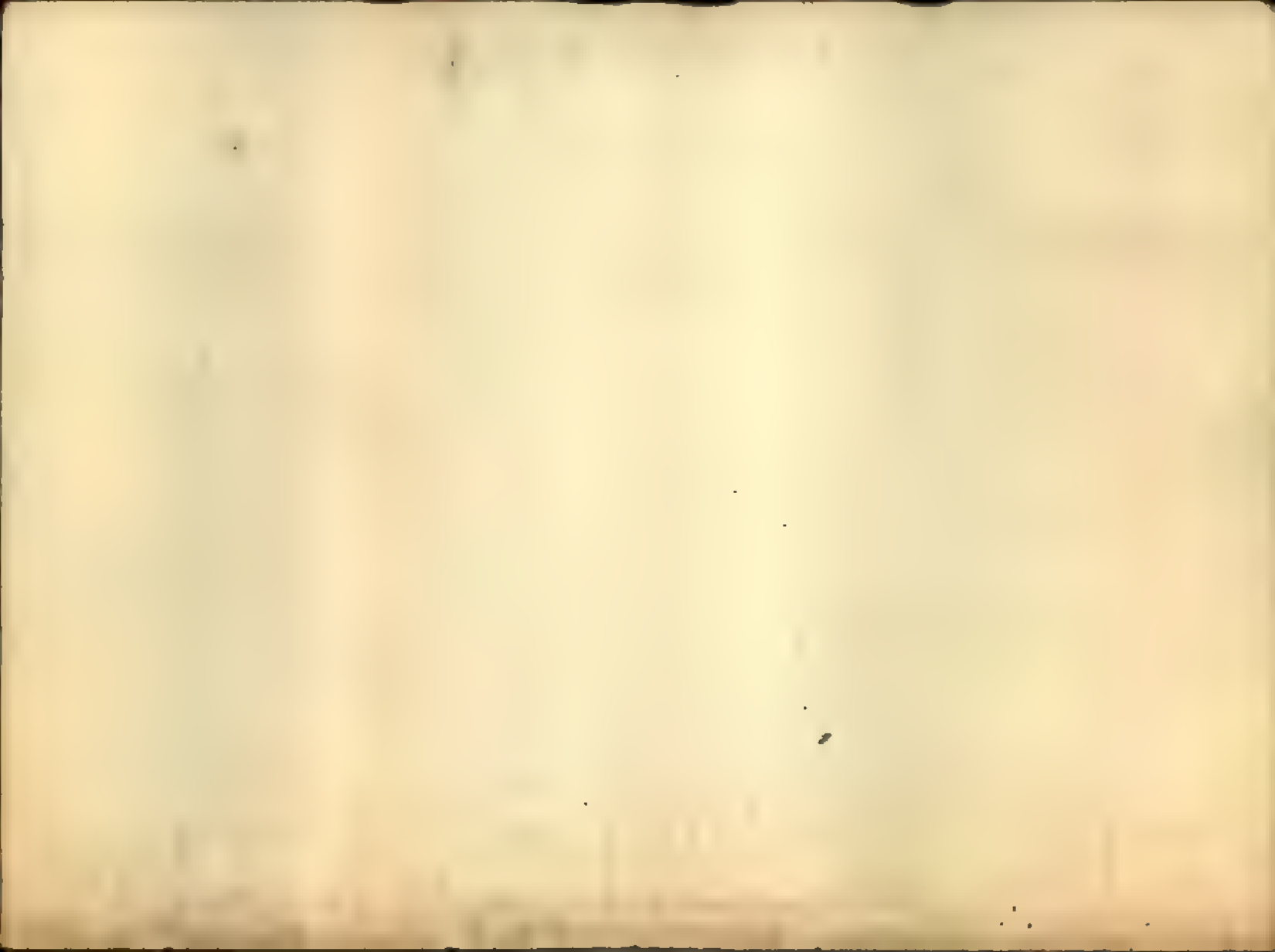
FILE No.	From or To— (Dated)	Subject.	
36428 4/13	Key West	report of communication with Birmingham and states in order to communicate with Guantanamo, have to work through ship.	817
✓ 37092 4/21	Pug.Sd	Quarterly report; reqt. instructions re counting of words.W To -- Gives ins'ns. 5/3.	
37537 3/24	C.O.	PADUCAH: reports on failure to receive message sent from Dept	329--6
37719 5/2	Navgn 49803-74	French steamer Flouze reports bearing Cape Race Station, 735 miles with 1/4 HP apparatus. W	
37373 5/9	C.O.	MARIETTA: reports on 450 mile message rec'd	278--6
✓ 38252 5/10	To YARDS & STATIONS	"Quarterly Report of Messages": Copies fwd.W	
✓ 39241 5/12	Norfolk.W.T.Sta	Corrects position given by SS CITY OF MONTGOMERY in connection with message from.W	
39417 5/15	American W.T.Co.	Fwd report of wireless operator of SS ADRIATIC on communication with Newport wireless station. W Fwd Larr. 3ay. for comment. 5/23. RB 6-6 Fwd Dept via Nav. 6/7.	
✓ 41891 6/22	Telefunken W.T.Co.	Asks if certain stations are taking commercial business, and if so, rates. W Fwd Dept. 6/24.	



FILE No.	From or To— (Dated)	Subject.	
33582 3/9	C.O.	SALEM: states limit transmitting 271 miles: receiving 350 miles by day, transmitting 700 miles, receiving 800 by night, if possible will purchase wire for new antennae	384--6
✓ 34013 3/17	United W.T. Co	Asks if Washington Station would be allowed to handle commercial messages from steamers at that point. W. Fwd Wash. for comment. Bu favors handling of commercial work by shore stations 3/18. R.B. States commercial messages should be restricted to emergency calls. 3/23. Fwd Dep. Rec Wash Yd handle this commercial work. 3/25.	
✓ 34192 3/22	Marconi Co	States will sent operator to Key West to assist in receiving; Opening station at Cape Cod will interfere with business of that Company. W Fwd Key West for comment. 3/25. BB 4-18	
✓ 34993 3/25	Mare Is. W.T.	States in communication with Honolulu on 24th instant. W	
✓ 35372 4/5	To W.T. Stations	Quarterly report of wireless messages. Blank's forwarded to take place of page 107 in log book. to Guantanamo & Nav Cr. Rpt re. ort. 7/7.	CARD 5
35838 4/8	Nav. Academy	Fwds list of messages received and sent. W	-70
✓ 36274 4/14	Washn 23-33	Handling commercial messages for United W.T. Co. Asks who will bear expense of telephoning. W Ret -- Instructions. 4/29. R.B. roots what appropriation to be charged to. BB 5-18 Fwd S.A. Gives information. 5/6.	See below
✓ 36282 4/8	WHEELING:	Relative to wireless communication with Key West and Swan Island. W	
36274	See above	Ret Washn. Cnl: local messages are to be telephoned. 5/13. BB 5-17	



FILE No.	From or To-- (Dated)	Subject	
✓ 28648 12/30	At. <u>Torp. Fleet</u>	FLUSSER exchanged with Key West; distance 950 miles	
29694 1/21	Ports	PORTS: reports communication with San Juan.	832
29693 1/21	do		832
30510 2/11	Key West	United W.T.Co. requests to be informed if Govt will handle their wireless business at Key West & Chas. (rel clerk & messenger hired)	871 891
✓ 31938 2/5	PADUCAH	Reports overhearing Marconi at South Wellfleet while at anchor at Guantanamo Bay. W To -- Ack. letter 2/21.	
✓ 32069 21/15	Key West	Fwd's correspondence from House of David, Bennett Harbor, Mich. stating Key West Messages have been copied by that Station. W Ref -- No objection to information being given 2/25.	
✓ 32550 2/27	Marconi W.T.Co	Enters protest against Govn. stations accepting messages for transmission free of charge commercial or otherwise. W To -- Request what stations would be interfered with 3/1.-	
✓ 32748 2/13	M.Is.	M.Is. Wireless sta. reports overhearing Japanese station. W To - acks 3/4	
✓ 33008 3/4	Marconi W.T.Co	Recommends against use of Naval Stations for commercial business free of charge; states would interfere with work of commercial companies. W To -- Key West prepared to handle commercial messages; suggests Co. have representative at Sta. to facilitate this business.	



METERS GENERAL

1922

Number.	Date.	From or To—	Subject.
✓ 638662	8/17	Anacostia	Frequency meter for use in conn with audio frequency work— fws photo of with comments on W.
✓ 640973	8/18	Jno. Firth & Co.	Fws pamphlets describing Seibt capacity bridge also frequency meter. W.
✓ 641775	9/8 9/13	13th Dist. PCOS	Request assistance in tracing Weston ammeter removed from Navy type panel set. W. Fws file 9/28/22 10/19/22 Fws 13 Dist 10/23
✓ 642081	9/28	Te Societ� D Appareils De Mesures Paris	Bu is interested in obtaining the electrostatic voltmeter Szilard type W

METERS GENERAL

1922

Number.	Date.	From or To—	Subject.
645294	10/14	To S&A 1300	Reqs shipment of wavemeters from Washn to Pearl Harbor W 10/12 W
647135	10/26	Phila	Reqs specifications covering radio frequency meters W To Phila - Re is withholding instrns 11/1 To GE Co - Reqs meters be submitted To Washn yard cc Phila - Washn 11/1 GE Co - Asa if additional meters are desired for test 11/3 W. To Phila 12/18 W To GE Co - Appl of meters cc Phila - S&A 1/3/23
652291	11/20	Coco 30% Sub Base	Submits inform rel to Matthews Woodpecker re reqs for use by Panama Canal Re W.N. Matthews & Bros 12/9 Reqs copies of catalog be furnished 12/9 W.N. Matthews and Bros 12/13 Submits quotations W Rwds Ids & Docks 12/16
Eng Req 45-	12/22	To S&A	12 standard thermo-galvanometers; estimated cost of cc C-I-C Battle Fleet- Comdr Scouting Fleet- R B

METERS: GENERAL:

Number.	Date.	From or To—	Subject	
609637	2:18	To Insp GE	Reqt action be taken to have GE Co mfg Model "DO" meters gives shipping instructions Insp GE Motor will be packed separately from panels in shipt. 3/7 7	2:18-W
618169	4/13	To S&A 49	Reqt shipment of lat from Washn to Newark W	
625364	5/25	Washn.	Lists meters submitted by Westinghouse E/M Co. as test samples. W.	
625554	5/29	To Weston Elec Instrument Co	Reqt's Infrm on ammeters W L. D. Joraleman - Have requested factory to furn prints. 5/31 W L. D. Joralemon 6/20 Fwds bulletin describing ammeters. 7 Fwds CO Anacostia 6/29 RB 8/4/22 W.	

Number.	Date.	From or To--	Subject.
628216	6/5	John Firth & Co	calls attention to Seibt capacity meter & frequency meter W To J Firth & Co- Bu is interested- reqsts inform cc Radio Test Shop Washn 6/29 John Firth 7/6 Fwds descriptive matter W To Washn- Fwds treatise on Seibt Frequency meter 7/13 Wash 10/27 Report on test of Seibt frequency meter W 11/9 J Firth & Co- Quotes from test of report
634836	7/25	Westinghouse ~~EM~~ Co	Fwds outline drawings of self contained radio ammeters W To Washn- Fwds Vandykes 9/13
603675	FROM CARD 24		Washington- comments on. 8/14 W To Washn- gives instrns re shipment 12/20

Number.	Date.	From or To—	Subject.
586153	10/3	To Washn	Reqt be supplied with sketch showing the dimensions of the terminal lugs on 40 ampere radiation meter. W Washn/ 10/7 W.
589096	10/12	To Washington	Reqt. Desires comments from Washn yard before changing specs W Washn- Recommendations 10/13 W
590188	10/13	Washn.	Test of type DO meters furn by E Co. for EE tube transmitters- report cov, W.
590921	10/20	To Westinghouse & Elec Co	Reqt's records be corrected as listed W
592376	10/26	To GE Co	Reqt report on Washn- Inspr GE W 1- Inspr GE 11/3 W 2- Inspr GE- Contractors are repairing type DO meter. W 3- Inspr GE- 11/29 W.
OVER			To Washington rel test of sample 11/10
593664	11/2	To SAA 9096	Reqt shipmt of mat from S- N ¹ to Washn W RB 11/18 W RB 12/10 W.

METERS; GENERAL

1921

Number.	Date.	From or To--	Subject.
✓ 593665	11/2 RB - 3/10/22 W	To S&A 9097	Regst shipmt of mat from Phila to SO Washn W To Phila- Regst shipmt be expedited cc S&A- Washington 11/16
592376	FREE OVER		Washn. Test completed. 1/6 - 7 Washington 6/22 Report on test W To GE Co. Will be approved 7/1 W cc Eng Lat I Cordt Wash. GE Co. Will furn inform promptly. 7/6 W J. Co. sends outline drawings with comments on. 10/9 W.
603675	1/11	To Washington	Exds by messenger a 10 mi-ampere s scale flash counting type instrument made by the Splitdorf Electrical Co. Regst test of the same W To Washn- report on test of Splitdorf meter. 3/31 W To Washn-- Ack receipt of meter will return same to The Splitdorf Co's Rep 4/10 To Splitdorf Elec Co. Gives changes in constrn of meters recommended before placing them on appvd list W 4/12 to Washn- reqsts comment 6/2

TO CARD 25

✓ correct

METERS:

1921

Number.	Date.	From or To -	Subject.
548152	2-26	To S&A	Reqt shpmt of ammeter from Washington to N.Y. GE Co W 5431
548153	2-26	To S&A	Reqt shpmt of radio material from Wash to Bath. Reller Smith Co W 5432
552338	3/17	GE Co.	Request instrns rel to submitting sam 10 of 3/12 " meters for test. W.
		Fwd Inspr GE 4/4	Fwd Washn. / 31 RB 4/2 W
552400	3/14	Insp Fed	Subm report on thermo ammeters with current transformers for high power radio stations. W.
554516	3/30	Washington	To Washn Reqt inform 4/1 Fwd specifications for audibility meters. W.
539860	FROM CARD 22		Washington 4/18 Comments on. W. Ports-Subm Report covering meters in store. 4/19 W MI 4/15 W Boston- Estimate cov over haul of instruments. 4/20 W. Pug. Sd. Report cov meters. 4/20 W Clash 4/21 W NY- Fwd's list of meters in stock- 4/29- W Pila- Inform rusted. 5/0 W Chas- Subm list of indicating instruments used. 10/8 W
560075	4/28	To Western Electrical Inst Co	Reqt company quote price and delivery schedule on new meters in lots of 10-25-100 Reqt inform W Western Elec. Instr. Co 5/4 W Western Elec. Instr. Co. Rust action. 5/23 W. To 6-3

MEMBERS:

1921

Number.	Date.	From or To—	Subject.
566129	6-2	To Pacific Fleet	Radio telegraph- tertiary standard wave meters- W
567424	6-6	To Firms Roller Smith & Co. Subm inform Spittorf Elec Co-ask if Bureau de- sires any special scale reading-12:3-W	Re: revision of records of meters. Fwds specfca reqst info W Roller Smith Co. 6/9 W Weston Elec. Instr. Co. 6/9 W Spittorf Elec. Co. Fwds booklet describing leaders. 6/28 W Roller Smith-7:11-W Weston Elec. Instr. Co-fur ishes information regtd-7:11-W To Weston Elec. Ins. Co. 7/20 Weston Elec. Instr. Co. ask if further inform received. 7/30 W
577462	7/25	Longstreth & VanDyke	Reqst authority to subm leaders listed for test. W To Wash-Reqst test meters. 8/9 W To 8/9 W Washington 5/18/22.W.
577863	8-1	To S&A	Reqst shipment fr. Bureau of Standards to Washington W 8558
580489	8-15	To S&A	Reqst shipment of material fr. So Brooklyn to Charleston W 8481 AB 9/12 W
583410	9/6	To Washn Rel-to	Rel test of meters- policy and specens for Radio meters W
584391	9/9	To Washington	Policy and specens for test with recommendations various meters and current transformers. 1/12 W

LETTERS

1940

DUPLICATE

Number.	Date.	From or To-	Subject.	
507089	7-26	To SAA	Rec'd salmt of 2 thermo couple radio frequen ameter from Phila to Bur Standards serial number 3827 RE 8/15 W	W
518442	9-28	To Bureau Standards	Radio research problem- assignment of 85- class A covering feasibility of applying current transformers for use with standard radio frequency ammeter To Bur Standards 1-6 Bur Stand 1/13- SAA special report, 1/13	W
520838	10/6	To Norfolk	Acknow receipt of quarterly inspection reports for 5th Naval Dist.	W
520995	10/6	Fwd Washn	Repair of thermo type meters W RE 10/14 W PUG.3d.- Request ships and stations on West Coast be directed to turn in their thermo air meters to Pu.3d for repairs W. 9/30	
522062	10/11	Macmillan	Report on test of modified type of vario- meter	918
532751	12/3	Westinghouse E/M Co.	Ask if will waive specifications, stating no nickel trimmings shall be used on instruments. To Westinghouse- Gives detld inform 3/15	

METERS

1:21

Number.	Date.	From or To--	Subject.
✓ 540006	1/10 N.Y. 7/27	GE Co.	Request authority to submit samples of new type thermo couples. W. To GE Co. 1-13 To N.Y. 1-17-21 To N.Y. 7/16
539855	1-14	To N.Y.	Reliance of radio frequency ammeter thermo couples. W.
TO BARD 23	To Comdt's	Il's + aras-	To Weston Elec. Co. request data in conn with apparatus with comment W 4/4
54331 ^r	1/28	Request to furnish list of meters for testing use -/ - Co.	Comments on specifications for meters. W.
544163	2/2	Dept.	Reqs beneficial suggestions. W. Stein Jard 30v thermo cou. ins. W. Fwd Dept 4/9/21 RB 4/13. W.
548151	2-25	To S&A	Request shipment of radio material from Washington to Waverly Park Newark NJ Weston Elec Co W 6429
548154	2-26	To S&A	Request shipment of radio matrl from Washington to Cambridge General Radio Co W 6434
548368	2-26	To S&A	Request shipment of thermo couple from Washington to N.Y. Western Elec W 6437
548367	2-26	To S&A	Request shipment of thermo milliammeter from Wash to Phila W 6438
548155	2-26	To S&A	Request shipment of thermo millia from Wash to Cambridge Rawson Elec Co W 6435

METERS:

Number.	Date.	From or To--	Subject.
✓ 443053	8:29	Bu Stand	Sub report of radio tel, GEN Radio Co to De Cade, type 193. W Fwd Wash 9/4
48215	9/19	Washington	Copy of letter to Lowenstein Co. reporting 629 on sample Weston ammeters, subm.
449300	10:18	Hewitt Rubber Co <u>CANCELLED</u>	Asks if shall ignore specifications.
✓ 452821	10:13	M I	Reqst fwd test curve for Kenotrone tubes. W To M. I. - Fwds test curves of Kenotron tubes. 10:31
475820	2/5 2/12	Westinghouse E/M Co. Norf.	Meters rejected because some were not front connected as called for by specifications. Co.'s representative understood but representa- tive to state rear connected satisf. W. Fwd SEA 3/18 RB 4/5 W. 4/21 W. Fwd SEA 4/27 W

Number.	Date.	From or To—	Subject.	
✓ 483021	3/22	Washington	Standardization of meters for marine tube transmitters; recommendations covering.	W.
FSB 1215 NSA	4-22	To F.S. Base	100 mmeters radio frequency scale of type CAY-1434 (Westinghouse) for Mare Island stock. Estimated to cost \$1800.	W
✓ 490821	4/30	Naval Intelligence	Bolometer and measurements of alternating current— fwd's report recd from French Naval Attache 4/30-W	
✓ 496363	5/26	Pacent Elec. Co. (ERROR SEE 898)	fwd's bulletin describing Dual lateral inductances. To Washn. reqst subm to test 7/14 see 899 To Pacent Elec Co. will fwd upon completion 3/31/20	W.
Pacent Elec. Co. 496433	SEE 898 5-1	To Pacent Elec. Co. will subm coils 3/28 W To SEA	Reqst shipment from Chicago to Dept Washn radio appr. W	
501220	5/22	Inspr Brook.	Lock washers and connecting studs for radio apparatus— Ask if Bar will accept plain washers. To Inspr Brook may sub 7/2 Inspr Brook— Copy of action to Weston Elec. Instr. Co. 7/7	

Number.	Date.	From or To--	Subject.
386202	<u>From Card 18</u>		Phila-Req GE Co be informed that thurmo elements are req at once. To Phila- asks ind info re approx number of meters found defective ne fnd 4-5 To GE Co- asks info when first shipment will be made re above 4-5 GE Co - Req be informed def number of thurmo couples to be replaced. 4:14 4:22 GE-Req status of re 4:14 4:22 To Phila- fnds cy of letter from GE Co 5-5 To GE Co- reast cy of letter of 4-14 5:15 National Elec Co- 5:16 Genl Elec Co- fnds copy of letter of 14th. 5:17 To Phila- confirms info re inspection of tele homes on vessels 5-24 Phila- 5:29
406195	4:14	GE Co	Comments on proposed revision and spec for portable direct current meter. S Grose to 571-17
431 552	4-17	To Insp'r Brok	Acceptance tests on radio frequency meters. W
416142	5/6	MI Tel	Express one radio frequency amplifier and compensator audibility meter for sub experiments North Isl. W 875
417098 417908	5:7	Weston Elec Co	fnds leaflet describ instruments mfg for direct currents, asks if will meet Bu spec. W To- sug action re changes 5-23 Weston Elec Instrument Co-Reqst action. 5:22

Number.	Date.	From or To—	Subject.	
421662	5/4	Alberger Pump & Cond Co	Recd pamphlet describing Hammond Wave Meter. Replied & said 6/5 cannot supply Natl Meter Co 6/5 Asks how many pistons meters will be required. Harvey Mfg Co 6/4 Copy of shipment order covg 83 venturi tubes from Boston to Washn Id - NA	736-4
426784	6;19	Roller Smith Co	Request be given consid in placing cont for radio freq ammeter.	W
427651	6/24	To Officer in Charge Stations, Comsta	Making arrangements for installn of recording ammeters and Volt meters of Bristol type for arc gen leads at stations listed. Ampolis-Sub report power consumption. 7;14 Cross to 920 - 1. W Sayville 9-11 (T) Instruments read- Operate satisfactorily- Will make monthly report when clerical force allowed. W Sayville 9-11 States instruments read and installed by Sta. force.	
434351	7;21	Bu Stand	Asks if dynamometer loaned to Bu has ever been returned. States have no record of receipt. To Wash- req obtain instrument and del to Bu Std 7/31 Bu Stand- Ltr 8;7 Dept Comm rcs 8/19 Ackns receipt	

19 19

19

MEMBERS:

Number.	Date.	From or To	Subject.	
388005	1/12	Laf Station Com	Report of improvement on radio sig. To Lt W Lanning- corresp should be fwd to Bu thru official channels: asks sub further info re 6-6 13th Dist- Fwds correspondence in conn with improvement in radio signalling. 10/13 To Lt Lanning via Puget Sd req subm further into 10/29 Fwds one galvanometer mfg by Walters Elec Mfg Co. London L	W 671-B
394746	1/27	Eurip Forces		
✓ 393748	2-26	To John Pirth To Wash yard. 1-13 Wash- Recurrence problem 39/04 cancelled- 1/14 To Wash 12/20/20	Asks have Doctor McGee supervise test of interference prevention and reqst info re date- Washington-Reqst test be cancelled, 11:7 To Wash conc of 11/10	
✓ 399391	3-3	Lowenstein Co	Proposed schedule of deliveries for Roller- Smith instruments satisfactory -	
399053	3/1	Naval Intel	Fwds copy of ltr from Naval Attache Spain in conn w valve meters and decimeters for work for Spanish Navy	652

1919

Number.	Date.	From or To—	Subject.	
399427	2-28	Inspr Brook	Confms phone convsn directing inspection and tests on matrl from Western Electric Instrument Co be made on DC circuit—	
35316	3/28	Inspr Chic	In connection w disposition of discarded ammeters W	629
400956	3:8 To Weston Dept 4-16	F E Gilbert Co- arrangement satis to	Asks if interchangeable couple on ammeter will be dif to instal. To EE Gilbert Weston Elec Co-(cc) re arrangement made with engr Weston Co re design of instrumen 3-21 Weston Elec Co- recd recs relative to to disposition of material. W 4:7 Request shipt of material from Washington to Phila. To Phila info re status of SO of 3/15 to ph shipt to rd West of two Weston microread meter V Phila 5/22 Phila 5/29 Phila 6/12	nec. W
402192	3-15	To Phil	Request shipt of material from Washington to Phila. To Phila info re status of SO of 3/15 to ph shipt to rd West of two Weston microread meter V Phila 5/22 Phila 5/29 Phila 6/12	
NS4552	3-19	To Brooklyn	Acceptance tests on radio frequency ammeters R W	
406185	4-1	To GE Company	Asks comments re proposed revisi on of specfms instruments. To Weston Elec Co ditto 4-1 Weston Elec Co- 4:15	

1918

18

Number.	Date.	From or To--	Subject.
✓ 1263472	10:28	West Elec Co	Sub infor re defective thermo ammeters that have accumulated at New York. make ammeters with external limits exchangeable, etc. W
✓ 1265528	10:30	<u>Jewel Elec Co</u>	Wds cat cov. rine elec instruments. r q attached to sub. info. on to Gov. for. To Jewel Elec Co asks catalog 11-15
✓ 1266971	11:7	Zoller Smith Co	Req infor as to how can repair for future on 12 and 15 for radio fr. cov. ammeters. W To -- in re above 11-15
✓ 1267572	11:1	Marconi Co	Co v. of let to West Elec Co. give schedule of delivery to be for put on meters. W
370066	11/20	To Phila	1573 1237 re connection of potential leads of ammeters on standard 125 v. radio switch O. S. 3500. 125 v. radio switch. 900

METERS:

Number.	Date.	From or To—	Subject.
✓ 72618	11/21	End Dist	Req to sup 11/21/21 meter Shipment order 11/27 R.B. 11/16
✓ 72672	None	West Elec Co	Write for covering instal of Westrn thermometer taken equip 21/21/21.
369745	SEESCARD 42		To Phila—Asks that duplicates of "Instructions" for installations calibration and operation of the Kolstermeter be fwded. W
✓ 784202	1:14	G E Co CARD 20	Asks number of radio instruments which are in need of repairs, same will be repaired free of charge. To GE Co—no info at present 3-12
To—states 1:1 repairs to Radio tele. radiation meters can be handled at the Yard instead of shipping back to manf. 2/5			To G E Co—In ref to investigation of defects. 1:18
Phila—States 1,000 thermo will meet req. W 2:11 Will make good defective instrmt			To Phila—Information regarding repairs. 1:18
To GE Co—number defective radiation meters has been investigated.			Phila—recs meters be compared at Phila. 1:30
NSA 949	1-20	Fwd SecA	2/17 GE—States can handle repairs of 100 instr per wk Tests show instrument proposed by Westling is entirely unsatisfactory. GE failed to sub plans cannot meet requirements on galvanometer movements. Weston Elec Co aprvd, rec approv award. 2:26

Number.	Date.	From or To—	Subject.
✓ 325613	7:9	G E Co	Detailed comments on changes rec. and specifications for meters. W To Rept. to above commenting on same 7/22 GE Co - 7:9
329275	7/25	To Weston E.I.Co. (T)	250 cycle frequency & 4 amp. r.d. meters preferably front connected. 7 Weston Elec Co. 7:25: Unable to make frequency needed. 7:25 To Weston E.I.Co. in comments b. provided 7/25 West Elec Co - are proceeding with mfg of stubs. 7:25 Sub report of radio message referred to re several meters. 1 not need -- 3
329291	7/26	To Weston E.I.Co.	Sub report of radio message referred to re several meters. 1 not need -- 3
329295	7/27	To Phila.	Sub report of radio message referred to re several meters. 1 not need -- 3
335235	8:7	Roller Smith Co	Sub information with quotation on ability to furnish couple radio frequency am-meters. W Phila. Oct. 8. Roller Smith Co - 8:14 Roller Smith Co - 8:14 Sub information with quotation on ability to furnish couple radio frequency am-meters. W Phila. Oct. 8. Roller Smith Co - 8:14 Roller Smith Co - 8:14
343089	8:29	Amer Patrol Detach 3rd Naval Com	Sub report of radio message received from unknown sources for direction finders aboard vessels. W
341897	9/9	Fwd. Wash.	Re test & report on decimeters. W

Number.	Date.	From or To—	Subject.
347906	9:11	West Elec Co	Asks if A C meter 300 volt must be self contained. W
348891	9:30	Jayey <u>WRONG ENTRY</u>	Req requisition be prepared. Fuel oil lubricating oil and gasoline for station. W To Western Elec Co informs has a thorized inser to accept dynamotors at Hawthorne plant without aligning pins and reats report of operation with pins omitted 10-23
348891	9:14	West Elec Co	Req inspec be instruc about dyomator without aligning pins. W To Insp. Chicago 9/18 To Insp. Chic. Co. Re alignment of aligning Pins. 9/18 To Insp. Chic. Co. (1) Accept dynamotors 254 employed with SW 9006 rel. E.I. 377. 9/18 Insp. Chicago Oct. 14 Western Elec Co. Comments on objection. 11:25 Ews report of unusual spark receptions W E.C. Conn. 9/18
349394	9:11	Ottercliff	
347946	9/18	To Western Elec. Inst. Co.	No difficulties encountered in work of voltmeter. W

METERS.

Number.	Date.	From or To--	Subject.
226709			
✓ 313883	6-7	To RollerSmith Co-	To Firms- Encloses copy drawing RE 74A (Weston Elec. Instrument Co squared meter type #CV 878) - 6-6 Westinghouse E & M Co. 6/8 Phila. 6/25 To Phila. Encl. blue prints & vandyke of drawing. 7/6 in re unsatisfactory meters furnishing Wireless S. ec. App. Co- W Roller Smith Co 6/8
✓ 316968	6/15	G E Co T	Encl. lists make and type number covering ameters for addition control bases.
✓ 317449	6/17	To GE Co. (2)	Wireless meter drawing obtainable from Westinghouse.
317611	6/16	Hare Island	Encls blueprints showing ammeter brackets. 893-1 To -- Approv. use of ammeter bracket. 6/28

NEXT PAGES:

Number.	Date.	From or To—	Subject.
321268	6:26	G E Co	Reqs revised copy of specification covering radio instrument. W
322574	7:2	E J Simon Co	TEL. Final delivery of material from West. Instrument Co. by direct contract. In order for company to make delivery.
322711	7-5	To ~~West~~ Co-	Reqs West Electric Co. to supply 100 thermometers. Reqs descriptive list of instruments. Reqs description of instrument. Westinghouse E & M Co. - Submits quotation 7:15 Reqs West E & M Co. not early enough. 7/20 West E & M Co - Reqs advise New York Yard that instruments are being built for bureau. 7:22
325451	7:10	Weston Elec	10% increase on on thermo meters due to decrease production. W
325577	7:10	Weston Elec Co	Submits reduced prices. W To ----- Ack. recd. of let. 7/17
324745	7/11	To Weston Elec. I. Co.	Proprietary requis. are being prepared for instrument. listed to be manfd. by them with the requirements given in let. "

MEMERS

Number	Date	From or To—	Subject.
✓ 302850	5-3	To Weston Elec Co-	Confirming phone conversation in re conference on instruments—W
✓ 304298	5-8	To Wireless Improvement Co-	Radio frequency ammeter QAR-330 -by Roller-Smith Co. modified as listed—W William J. Murdoch & Co. 5:10
✓ 304309	5-8	To Elec Engineering Research Div-	Endeavoring to standardize on switchboard instrmts— asks for any information of action taken in this regard W
✓ 307121	5-13	To Weston Elec Co-	Rest inform Dr if have instock for instrument delivery at armory to ask that wire meter, type 11-130003— Weston Elec Instr. Co. reqts instructions to change instruments to 1 ampere. W 5:21 Weston Elec Instr. Co TEL. reqts disposition of ammeters in stock. 5:21
✓ 307713	5/17	Weston Elec Instruments Co	Ask if convenient for Lt LeClair to see C Brown Tuesday May 21st - W Weston Elec Instr Co - Request appointment. W 5-27

895

Number.	Date.	From or To-	Subject.	
✓ 308821	5-27	To Westinghouse Elec	Standardization of instruments - phone can send line west how many values of the volt meter resistor and meter - W	
✓ 308812	5-22	To Westinghouse Elec-	Confirms understanding regarding transfer of 2 portable ammeters, range 1-1 amperes - W	
299739	4-17	G E Company ✓	Ask if shall send meter expert to West for for conference. W	
✓ 309553	5-20	Phila	Rest four portable radial ammeters. W To Phila. Auth-5-25	
✓ 317121	5-25	To Western Elec Instrument Co.	2 radio frequency ammeters have been ordered - W	
312711	5-27	See Card 12	To Western Elec Instrument Co. Sample lost 5-27-27	
312712	6-26	Western Elec Co.	Reports on reorganization of method of making repairs to instruments.	876

METERS.

Number.	Date.	From or To—	Subject.
293231	3/29	To Weston Elec Ins Co	Lists instruments, and repts indicate which can supply with price covering. W
		Weston Co-Quotes prices.W 4-11	Weston Co-Submits quotations.W 4-3
		Weston Co 4-15	Weston Co-States can supply part of equipment required, from instruments made up for Russian Govt.W 4-5
✓ 293232	3/29	To Western Elec Co	bu wants at nce two 10000 ohm testing ringers or magnetos, and repts earliest delivery with price.W Western Elec Co-Quotes prices.W 4-3
293233	3/29	To J.G.Biddle	Lists instruments which are wanted at once, and repts indicate which can supply and how soon, with price. James G.Biddle--submits quotations 3/30.W Jas G.Biddle--quotes prices.4/5
✓ 293234	3/29	To GE Co	Ditto. W GE Co - Submits quotations.W 4-3
✓ 294873	4/2	Morton Elec Instr Co	Meters and voltmeters reqt be sent to NY Yd for test-fwds print.W To--4/12
✓ 295955	4/6	Jas G.Biddle	Fwds bulletin descriptive Hickok probable D.C. instruments.
297332	4-9	Weston Elec Instr Co	Quotes price for Model 241 voltmeter for shipment to Washington. W
✓ 296638	4/11	To Weston Elec Co	Type CAR 874 refers to 4 KW wattmeter, Dimensions are Type CAR 855. W

METERS- 893

Number.	Date.	From or To-	Subject.
✓ 296595	4/15	To S&A	Reqt ship of wave meter from NY to Wash. W To Reqt ship of Telefunken wavemeter from Wash To Radio Lab. NY. 4/15
✓ 298977	4/19	To GE C o T	Representative of Bu will confer with your representative at Lynn early next week. W GE Co-T-request be notified a day in advance re arrival of representative. W-4/19 To GE Co--(T) Bu representative at Lynn tomorrow. 4/22 GE Co-T-Representative to see F.P.Cox of Lynn. W2/23
✓ 301546	4-25	Weston Elec Instr Co	Re giving company advance notice of future requirements for radio sets and re J Simon require thermo ammeters in place of model 400. W
✓ 301839	4-27	Weston Elec Instr Co	Ask if 4 inch type meters of specifications will require 300 volt maximum or 150 volt maximum. W To Weston Elec Co-In re above--5-3

METERS.

1918

Number.	Date.	From or To—	Subject.
✓ 276979	1-26	Weston Co	Meters; fwds vandykes.W
✓ 2914	1-29	To Weston Elec Ap Co T. Marconi Co	Weston Elec Co will supply ammeter having range of 0-100 amperes. To Weston Elec Inst Co-Instr. ins. of Model-C9 529
✓ 278339	1/31	Liberty Elec Corp	Ammeters and volt meters - reqst specifica- tions covering - W To—Fwds copy of specs.2/18
✓ 278595	1/31	Wireless Spec Co	Fwds prints and general dimensions of Roller Smith meters.W
Roller Smith Co. B-1			To—Reqst fwd drawings, etc.2/6 To—Fwds specs with comment.2/7 Roller Smith Co - Fwds prints.W 2-14 To—Appvs Roller Smith plan.2/25 To Roller Smith Co--Appvs.2/25 Roller Smith Co--Fwds print.W 3-29 To—Asks for spec. of meter.2-30
✓ 282180	2/18	To Weston Elec Inst Co	Reqst have representative report to Bu on Feb 21st re standardizing a 4" line of instruments. W To Roller Smith Co.2/18 Weston Co--rel to standardization 4 inch line of instruments.2/23.W
✓ 284231	To—3/12	Weston Elec Instr Co	Radio frequency ammeters - fwds print - W To—3/1
✓ 284474	2/25	Roller Smith Co	Weston Elec Co - Fwds copy of letter from Marconi Co. 2-7 Fwds copy correspondence E.J. Simon rel to meters ordered.W R-3 J. Simon supplied report on del'y. 3-2
921	2-27	Weston Instr. Co.	Asks where type number is to be stamped on flange radio frequency ammeters. 629.

METERS: 893

Number.	Date.	From or To	Subject.
275365	3/1	To Weston Elec Inst Co To Weston Elec Instrument Co Asks status 4-3/8 diameter, not rs	Detailed comments re 4" line of instruments being developed. Fwds blueprints of various instruments. W Weston Elec Ins Co-fwds prints. 3/3 To Fwds prints with comments on. 3/16 Weston Elec Inst Co-W. 3-22
287062	3/5	Weston Elec Instrument Co	Fwds print of their ammeters for radio. W
287512	3/9	To Phila	Sangamo ampere hour meters, for engine gen sets. Auth. purchase of meters larger than Sangamo make. W
291225	3-9	Weston Elec Instr Co	Submits report in detail of status of their orders. W
290180	3/19	To Weston Elec Inst Co Instr Western Elec Mfg Co-reqt report on comparative test. W To Comments on. 3/25 To acknowledges 4-30	Fwds blueprint copy of report from Y on comparative test between three meters of company and Roller Smith Co. W To Roller Smith Co-Ditto with comment. 3/19 Weston Co-Fwds prints. W 4-16 To Weston Elec Co-5-1 Roller Smith Co 5-14 Directs expedite delivery of variometers to D. Goldsmith at City College NY. W. 919.
290765	3-21	To General Radio Co.	
293071	3/29	To Norton Elec Instr Co Phila-5/7-reqt writg of meters. Phila-5/7. To Phila-In re test meters sub- Norton Elec Co-try to locate meters and advise Bu. 5-11	Ammeters received at Bu with no letter. fwded to Phila for test. W To Phila-Fwds meter. Directs make comparative tests. 5/30 See Card 15 Phila-meters not recd. W 4-12 To Phila-meters shipped two weeks after letter was written. 4-23

MEMOS.

Number.	Date.	From or To—	Subject.
✓ 275530	4/2	To Phila	Test of Westinghouse Ammeter and voltmeter from Carroll Elec Co. Directs fwd report. 4/2 To Phila--Reports on test of Westinghouse type W ammeter and voltmeter—4/22 To Wireless Improvement Co—Fwd as reqd—5-8 To Carroll Elec Co—5-8
275565		SEE ORIGINAL CARD	Weston Elec Instr Co - Cannot give exact status of development of 4 3/8 inch diameter radio instruments. W 4-25

METERS: RADIO.

Number.	Date.	From or To—	Subject.
✓259937	11/2	Weston Elec Instr Co	Relative to future requirements for instruments.W
✓265153	12/3	4th nav dis To Weston Elec Instr Co To SEA reg cancl 90 12-17-17 5-29	Request Kelster decremeter and ammeter.W 2. Bwd Communications 12-10 RB 12-12 Fwd Nav Com—12/10 To SEA—Regt shipt of wave meter from Wash to Phila.12/17 Fwd Nav Com—12/18
✓265593	12-6	Weston Elec Instr Co	Relative to furnishing galvanometers to a contractor: request information as to how much overload to be applied.W Co 12-13 To—12/27
✓266913	12/14	To Weston Elec Inst Co	Regt fwd to E.I. Simon necessary instruments for equipping at least 10 of 1 KW trans sets he is furnishing to Bu. W Co states are exerting best efforts to fill orders for government 12-18 To—12/22
✓271415	1/5	To Firms To Weston Elec Inst Co—Submits Specs for meter 1/16 To Weston Elec Inst Co—1/30	Regt blueprints of flush type of small direct current ammeter having range of 0 to 3 amperes. W 25 Weston Co 1-7 Splitdorf Elec Co 1-7 Roller-Smith Co 1-10 To Splitdorf Elec Co—1/10
271292	1-3	Weston Elec Instr Co	Ammeters fws vandykes.W To—1/17
271651	1-2	Louis M Pignolet	Offers services in connection with measuring instruments.W To Weston Elec Instr Co—Will discuss matter at any time.1/7

1918

METERS. RADIO. 893

Number.	Date.	From or To--	Subject.
273113	1/12	To Firms	Auth take up matter of meters with Mr. L.M. Pignolet. W
273615	1-11	Norton Elec Instrument	To Reports shipment of a type H ammeter and voltmeter for test. W
274313	1/11	Phila	Request copy of specifications covering switchboard instruments be fwded Supply Dept. W To Phila--2/18
274435	1-15	Marconi Co	Thermo ammeter and heating element for sub-stations; quotes from letter of 1/8. Lox Elec Instr Co. W To--1/19 To Weston Elec Instr Co--Reqd information in connection with, 1/19 Western Elec Instru. Co - fwsd print 1/24 To Weston Elec Instr Co--Gives action, 1/30
275530	1/22	To Phila	Test of Westinghouse type " ammeter and voltmeter, which Carroll Elec Co desire tested. Adv. only of letter from Carroll Co. with instrns. W To Phila--3/6
275530	Phila--3/12		
	To Phila--3/20		
	To Carroll Elec Co--Ask if are going to fwd meters for test. 3/20		
286021	1-21	Weston Elec Instr Co	Ammeter for use with external shunt fwsd corrected drawing. W (Model 24) To--Directs prepare Vandykes. 1/29

METERS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 250533	9/20	Bureau Standards	Request that Roller, Smith Co be permitted to furnish them with certain radio instruments. W To Roller Smith Co—Directs fill order. 9/24 To 9/25 Roller, Smith Co 10/1 To Roller-Smith Co will fill orders. 10/3
231301		CARD 9	Weston Elec Instr Co meters, request reports shipment of instrument to Wash for test. in connection with use in horizontal or vertical position 10/2
248253		CARD 136	Sangamo Elec Co fwds vandykes showing diagram in drilling dimensions in amperes hour meter. 10/1 876
✓ 254437	10/11	Weston Elec Instr Co	Switchboard instruments for radio panels; fwds prints showing summary of those approved for standardized radio panels for Bu SE.W
255576	10/17	Wash	Reports on test of a Weston improved type, model 425, thermo-galvanometer. W ✓ To Weston Elec Inst Co—Quotes from above report. 10/23 Co 10/26 To Weston Elec Inst Co—10/31
✓ 255627	10/19	To Roller Smith Co	Radio frequency ammeters. Fwds advance copies of specs for. W Roller Smith-reqt longer time for comment. 11/9.W Co 11-30
255628	10/19	To Weston Elec Inst Co	Fwds portion of revised specs for switchboard instruments. W Co 11/22 Co 12-7
	To 12/22		

893: METERS: RADIO

Number.	Date.	From or To—	Subject.
✓ 258266	10/22	Simon	Thermo ammeter-states will substitute 5 ampere instruments for 6 ampere—due to inability of Weston Electric Instrument Co to furnish. W
		To Weston Elec Inst Co—(T)Directs proceed with five ampere meter. 10/31	✓ To Weston Elec Inst Co—Ask if cannot supply ampere meter to Simon in time that he desires same. 10/27
		Weston Co will be required to use a 6 ampere instrument on future orders but 5 ampere can be applied to Simon contract 11/1	Weston Elec Instr Co 10/29
163	10/25	To E.J. Simon—Gives action taken. 11/12	Radio frequency ammeters. Detailed recommendations as to award. WR
25742	10/27	Phila	Radio protective devices: methods for measuring high AC test voltages: fwds notes on. W
			To—Auth purchase of Peak Reading Voltmeter. 11/2
✓ 257618	10/30	To Weston Elec Inst Co	T Hot wire radiation ammeter for Simon radio set 0 to 5 scale will be satis. W
✓ 257792	10/30	GE Co	Instruments for 500 cycle quenched spark type transmitters: states not in position to furnish at present time. W
✓ 258252	11/1 To 11/30	Cutting & Washington	2 kw radiosets: requisition called for 5" Weston frequency meter; Weston Co state cannot furnish after 2 or 3 months; request instructions. W
✓ 259764	11/9	Weston Elec Instr Co	To Instrs 11/8 Co relative to use of circuit breakers 11-26 Asks status of order for thermo ammeters on Philadelphia requisition 163. R&W To S&A—Ask when award will be placed on reqn 163. 11/14

1817

METERS. RADIO.

Number.	Date.	From or To—	Subject.
236875	SEE CARD 9		To Weston Elec Instr Co—Re changes to be made to ammeters. 7/23 ~~Also copy To Firms—~~ Fwds copy of above letter, and directs notify Weston Co of any changes in ammeters to be made. 7/23 F. Lowenstein fwsd copy of letter to the Weston Co 7/24 Weston Elec Instr Co confirms telephone call 7/24 To Lowenstein—7/26 Lowenstein fwsd copy of letter to Weston Elec Instruments Co 7/28 K&C Co 7/28 Baroni Co 8/7
✓ 243513	8/11	<u>Roller, Smith Co</u>	Request authority to submit for test a new type of current squared meter developed for use in connection with decremeters To Appys. 8/20 Co 9/21
✓ 244790	8/20	<u>Weston Electrical T Instru. Co</u>	Request appointment for Wednesday for conference with their representative W Weston Elec Instrument Co T 8/21 To—Will meet representative Wed. 8/21 (T)
✓ 244761	8/20	To Phila	Thermal ammeters. Phila Reqn 163. R eqt refer bids to Bu for final decision. W

METERS: RADIO. 893

Number.	Date.	From or To—	Subject.
✓ 245888	8/25	✓ <u>Weston Elec Instr Co</u>	Instruments for panel sets for 1/2 kw panels; fwds drawing, gives sizes, etc; replies to 232688-876.W
✓ 245787	8/31	To <u>Roller Smith Co</u>	A assigns type numbers for Radio Frequency Ammeters Roller, Smith Co 9/5 Roller-Smith Co--Submits Vandyke and detailed report.W
✓ 247786	9/6	<u>Weston Elec Instr Co T</u>	Request appointment for ship engineers on the 10th.W To—(T)9/7
✓ 247688	5/14	<u>Weston Elec Instr Co</u>	(Personal) Fwds prints covering ammeters and wattmeters.W
✓ 248238	9/8	<u>Wireless Spec App Co</u>	Send and receive switches; request print:W To—Refers to Best Yard—9/25 To Best—9/25 Best antenna transfer switch; fwds switch 10/3
✓ 249643	9/17	<u>Roller, Smith Co</u>	Instruments; standardizing diameters and mountings of thermoammeters, etc; fwds prints and submits comments.W Co fwds prints 9/19
✓ 250113	9/20	To SAA	Reqd shipt of wave meters from Wash to NY. W

1917

METERS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 229979	5/23	Roller, Smith Co	Unshunted radio frequency ammeters, 3 and 4 inch, type W: request test of W To Phila--Instrns re tests. 5/26 To--Tests auth at Phila. 5/26 Phila Roller-Smith has been directed to forward wattmeters for test 6/26
231216	5/31	To Phila Norf To Weston Elec In. Co.	Standardization of switchboard meters. Fwds sheets and directs fill out, giving info called for. W Weston Elec Instru Co 6/2 Norf Fwds data sheet giving suggested max-min ranges. 6/4 Marconi Co 6/13 Phila 6/13 Standard scale readings adopted for radio frequency ammeters. Submits standard series proposed, and asks if will consider as standard. W De Forest Co calls attention to larger scale instruments 6/4 Norf recommends specifying range of frequencies 6/6 Wash recommendations 6/6 To Firms--Lists additions to. 6/7 Re changes in. W
231301	5/1	To Firms Yards To Yards--Lists additions to. 6/7 Weston Elec Instr Co gives list showing comparison of ranges 6/8 Weston Co 6/8 Kilbourne & Clark satisfactory 6/11 E. J. Simon satisfactory 6/11 R. Lowenstein satisfactory 6/11 Fed. Tel. Co 6/7 Norf 6/12 Phila 34 6/2	De Forest Co calls attention to larger scale instruments 6/4 Norf recommends specifying range of frequencies 6/6 Wash recommendations 6/6 To Firms--Lists additions to. 6/7 Re changes in. W
2313 01		ABOVE Marconi Co 7/13	Wash 6/11 Roller, Smith Co comments 6/13 Marconi Co 6/15 NY 6/15 Fed Tel Co 6/19 Pug 34 6/14 Post 6/19 Pug 34 6/15 M is 5/14 Phila 5/22 To Phila--Lists standard ranges for radio frequency ammeters. 6/30 To De Forest Co--Fwds list of sizes of ammeters adopted. W To Firms--Lists standard ranges of radio frequency ammeters adopted. 7/6 To E. J. Simon--Co. of final list adopted. 7/7 Weston Elec Inst Co 7/13
		Fwd Phila--8/3 RB 5/28 To Weston Elec Inst Co--Req certain information re thermal ammeters. 6/21 Roller, Smith Co 8/22 Weston Elec Instr Co confirms information given verbally and fwds prints 8/25 To Western Elec Co. Req certain info re instruments. 9/5 To Western Elec Co. 9/25	CARD 11

METERS: RADIO. 893

Number.	Date.	From or To—	Subject.
✓ 234120	6/15	Weston Elec Instr Co	Request be furnished with specifications covering instruments for wireless sets for submarine chasers.W Weston Electrical Instruments Co - (T) Request appointment 6/12 L To—Refers to Phila.6/21
✓ 236531	6/28	Wash	Request authority to ship meters listed to manufacturers for repairs and calibration.W Phil. 6/28
✓ 236875	7-3	Weston Elec Instru Co	States have received order for 200 sets of instruments for 2 kw radio sets on contract of Milbourne & Clark; states ca not meet delivery rate called for by contractors.W To—make every effort to supply instruments so as to cause no delay.7/7
✓ 236873	7-3	Weston Elec Instru Co	ditto. for 50 sets.W
238485	7/11 7/13	F. Lowenstein Phila	Asks if Roller, Smith thermoammeter has been approved.W To—Directs furnish Weston instruments on all contracts.7/19
✓ 238835	7/16	James G. Biddle	Asks if Navy is interested in a 500 cycle Frahm vibrating-read frequency motor, in connection with developing.W To—7/19
239855	7/18	Marconi Co	Request copy of code of radio instruments for switchboards.W To—Comments on.7/27

CARD 10

METERS: RADIO

Number.	Date.	From or To—	Subject.
202595	10/17	To <u>West Elec. Instr. Co.</u>	Development of a capacity meter. Reqt to know whether interested in making such a development, and if so the price. W Weston Elec Co can make an instrument to comply 10/19 To NY—Reqt to give West. Elec. Co such information as available. 10/25 To—Comments on 10/25 Weston Co. gives probable price 11-1 To—Directs confer with NY in matter of developing capacity meter. 11/6 To NY—Reqt copies of all corres written to company in reference to. 11/6
209752	12-18	Arlington	Reports on experimental variometer. W. To via Wash—Comments on. 1/15
✓213932	2-7	Roller Smith Co	Ammeters, etc. for radio use; request authority to submit instruments for test. W To Phila—instrs re test. 2/13 To—Auth test. 2/13 Phila meter burned out; test indefinitely delayed 3/16
218635	3-16	Simon, EJ	Returning thermo galvanometer with new fuse wire; also sending 5 amp radiation meter for test...
220120	3-27	Washn	Weston thermo ammeter; minature type; submitted by EG Simon; reports on test. W NY request ammeter be returned for repairs before further test undertaken 5/6 To NY—Directs comparative test with Weston ammeter and Roller-Smith ammeter. 4/4 To—Directs fwd ammeter to NY. 4/1 Gef NY—5/15 RB 5-21 Wash instrument has been return to EJSimon. 4/26

METERS: RADIO. 893

Number.	Date.	From or To—	Subject.
✓ 221341	4/5	Louis M. Pignolet	Small high frequency meters for wireless; calls attention to platinum iridium strip. To--Phila. 4/13
✓ 222649	4-12	Weston Elec Inst Co	Meters for radio work; will be necessary know approx amount required in order to make labor arrangements. To--Phila.
✓ 220177	5/3	Weston Elec. Instru- ment Co.	Request specifications of instruments for use on radio sets. To--Fwds specs. 5/7 Weston Elec Co comments on specification. 5/10 To--Fwds specs. 5/14
✓ 221140	5-8	Roller-Smith Co	Best copy of report on the Thermol coup- ling type meter. Fwd Phila--5/10 RB with report on test 5/30 To Phila--Instrns. 6/2 Phila 7/30
227993	5/12	To Phila	Fwds drawings similar to those fwded to Weston Elec Instrument Co. Instrns. W Phila fws prints and reqt type number be noted on 5/26
✓ 229903	5-23	Roller-Smith Co	Type W-Back-Connected-Switchboard- Radio- Frequency-ammeter for submarine chaser; Fwds print. Phila Roller-Smith has been directed to finish forward wattmeter for test 6/26
✓ 229904	5-23	Roller-Smith	Calls attention to their 47 Watt meter and Volt meter and reqt suppl. To--Phila--Instrns re tests. 5/26
		To--Offers hold test at Phila. 5/28.	

METERS: RADIO

Number.	Date.	From or To—	Subject.
✓ 167490	10-1	Firth, Col John	Hot wire ammeter: reqt auth to have tested. W To NY--Authorizes test of. 10/7
169324	10/25	NY	Reqd authority to purchase a Western Elec Co's portable precision capacity meter for use with condensers. W To--Amps. 10/27
To Wash via S&A reqt shipment meter to NY via 5/27			NY have located 3-24 To S&A--Reqd shipment meter from NY to Wash for Bu Standards. 4/1
To NY advises of shipment request 5/27			Reqd authority to ship Western voltmeters to company for repairs. W Fwd S&A--Rec shipment of. 12/2
✓ 172679	11-29	Washington	
✓ 177601	1-29	NY	Reports on hot band ammeters submitted by John Firth. W
✓ 183674	4/4	Roller, Smith Co	Asks if specifications 16R1a be extended to cover their hot wire ammeters. W To--Comments on. 4/25 To Phila--Amps copy above. 4/25 Roller Smith Co reqd ad info. etc. 5-1 To--Gives add information. 5/18
✓ 187339	5-10	To Weston Elec Co.	Reqd complete file of catalogues of elec measuring instruments manuf by Co. W Weston have no catalog 5-12
188124	5-17	To Wash	Repair of radio apparatus; suggests a proprietary reqn be made out covering all instruments in order that radio equipment be put in good conditions. W

METERS: RAD IO. 893

Number.	Date.	From or To—	Subject.
189387	5-25	Austin, Dr. LW	Precision meter; Weston; reports on test of W
✓ 189231	5/27	To Weston Elec Inst Co	Asks if possible to modify their capacity meter so as to be available for use with capacities between the values of 0.0004 mfd. and 0.02 mfd., with an accuracy of one per cent; for use in measuring capacities of antenna. W Weston Co gives description of what can supply 5-31
✓ 189709	6-2	To Weston Elec Inst Co.	Bu SE reqn 89-90-100-1-2-3; gives information on. W-R Weston Co. quotes prices 6-10 To—Have recommended award to Co. 6/16
✓ 191850	6-24	NY	500 cyl AC switchboard type voltmeters for radio purposes; panels; fws report of test on those submitted by Weston Co. W
✓ 192583	7-5	Roller Smith Co	Request GH Clark be sent to inspect new type of meter. W Roller Smith Co. offers to send Clark; offers to test at Wash Id. 7/14
193262	7-6	Washm	Meters for radio use; request authority to ship various instruments to their makers for repairs. W Fwd S&A—Reqd instrns be issued. 7/14

METERS: WIRELESS.

1914

Number.	Date.	From or To	Subject.	
115374	1/19	To S&A	Hot-wire ammeter; request shipment from washn. to wireless Impr. Co. for repairs. W	
116626	2/3	To NY	Variometer coils; directs repairs to those on hand - to be held for further issue.	206-6
118804	1-28	Bu Standards	Hartmann-Baum ammometers; reports on test. W	
125664	5/23	Roller-Smith Co.	Recommends their type W ammeters for radio work. W TO -- 5-25 Co. 6/24. renews request. W To -- Date of opening postponed to July 14th. 6/25.	
130765	7-24	Wireless Spec App Co.	Hartman-Baum hot wire ammeters; quotes price. W To -- 7/28 Ericsson Co. high frequency buzzer shipped for test; patent has been applied for 7-30	
135174	9-24	To NY	Bu has recd shipment NY to Wash of radio material for test at Bu of Standards; under contract 20982. W To S&A -- Req shipment. 9/24	
147736	2-19	To NY	Have recd shipment to M. Is of hot wire ammeters. W To S&A -- Recd for shipment. 2/19	

693 METERS: WIRELESS:

Number	Date	From or To--	Subject.
148495	3-1	To Treas Dept. (Secy's sig)	Reqt that two cases of elec measuring instruments now at Custom House, Wash be delivered in bond to Bu Standards: W Treas Dept have arranged 3-16
✓ 158641	6/22	James D. Biddle	Parkman & Braun hot band ammeters for radio work: states has stock of; reqt orders. W Fwd NY-- 6/25 RB 8/7 To--Have fwd to NY to take up. 6/25
160414	7-13	To Washington.	Repairs to Leeds & Northrup galvanometer: if repairs cannot be made by 10 force submit reqn for: W RB 7/16 Fwd S&A--Reqt shipping instructions. 7/16
162431	8-3	To M. Is.	Hot wire ammeter: submit estimates for manufacture of: W
✓ 162699	8-5	To Roller-Smith Co.	Gives results of experimts with 0-50 hot wire ammeter No. 51764: notes defects in. W Roller-Smith Co 8-11 To--Information reqt will be furnished at early date 8/13 To M. Is--reqt information 8/13 M. Is. submits report 8-30 To--Gives data on. 9/7
165090	8-30	M. Is	Submits estimate for radio hot wire ammeter: matter dropped on adoption of improved Western type. W To--Manuf will not be undertaken. 9/7
165632	9-10	AWashn	Estimate for mfg audibility meters. W To--Appvs. 9/14
✓ 166086	9-17	Western Elec Inst Co	Gives description and quotes price on the meters for use on radio switchboards. W Phila reqt copy 12/21 S&A Dept auth 1-20 Was org inc price to \$44. 10-16 Fwd S&A via Phila--11/1 RB 12/7 Fwd NY-- 11/2 RB 11/20 Fwd S&A--1/14 Fwd Dept 12/10 To Phila--Reqs copy test 12/21 To Weston Co--wds copy report. 1/24

METERS: WIRELESS.

1913

Number.	Date.	From or To--	Subject.
89377	2/4	To BAILEY thru S&A.	Marine galvanometer: requests be returned to Naval Radio Laboratory, Bu of Standards. W RE 2-24 Fwd S&A 2/24
✓ 97891	5-23	Biddle, James G.	Specs for radio meters: asks if vibrating vane is acceptable under. W. To---E/23
✓ 98304	5/28	To James G. Biddle	Request price for one 0 - 150 ampere unshunted hot wire ammeter. Hartmann & Braun, type A7, delivery at Arlington. W J. G. Biddle 5/29, quotes price. W To---Reqn submitted for 6/2.
✓ 99060	6/9	To James G. Biddle	Request quotation on Hartmann & Braun hot-wire wattmeter. W Quotes price 6-10 To---Order placed for one. 6/12.
✓ 100436	6-27	Pfund, Rich.	Quotes price on hot wire wattmeter. W
✓ 100742	6-26 7-1	Roller Smith Co NY	Reqt. test of hot wire ammeter for radio work. W To Co. suggests ship two unshunted ammeters to Bu. of Standards. 7/3. To NY. informs of request. 7/3. Lafayette Roller Smith shipping 7-7 Shipped to day 8-26 To Co. will arrange for test. 8/19 Company reqt report test. 9-8
102035	7/22	To Co. Copy of test 9/18 To NY/	Voltmeters for Telefunken transformers: purchase for stock of six authorized. W

METERS, WIRELESS 893

Number.	Date.	From or To--	Subject.	
102876	7/31	NY	UTAH: reports on Motor generator: makes general recommendation for issue of ~~23570N~~ voltmeter with each set with which Telefunken transformer is issued.	455--6
104335	8/25	To S&A	Reqt shipment of attmeter and ammeter. Bu Standards to J.G.Biddle, for repair.	916
✓ 105906	9-18	Austin, Dr.L.W.	Hot wire ammeters; reports on calibration of W	
107077	10-3	Roller-Smith Co To---Acv. 12/17. To NY. Fwds copy. 12/18	Asks nature and make of apparatus used for obtaining readings tabulated under standard. W To---gives information. 10/6 Company in truments type W 12-12 To---approves type W for supply in future contracts. 12/15. Co. Reply 12/16. willing give guarantee one year. W	
108749	10/24	Guam	GALVESTON: reqt time of shipment of vari-ometer.	212--6
✓ 109923	11-10	TO NY	Hartman & Braun ammeters; reqt. report of issues on reqn. 548. W NY reports issues 11-11	
✓ 111074	11-22	Bu Standards	Roller Smith Co. high frequency ammeters; makers appeal against Bu test and reqt. check test at Arlington. W To---Directs have Dr. Dellinger communicate with Dr. Austin re tests. 11/25 Bu standards withdraws request 12-8	

METERS: WIRELESS:

1912

Number.	Date.	From or To--	Subject.	
63896	3-18	Thwing Inst.Co.	Quotas price of special Thermo-elements instruments.W. To Washn. Fwd. copy of reqn. #288.3/23. To --- rean. submitted for.3/23.	
66621	4-15	Thwing Inst.Co	Rest. payment for milli-voltmeter under reqn. #65. Fwd S&A, reon was appd Feb.19th.4/19.	
67581	4/30	Marconi W.T.Co	Comments also on set to be supplied We. ton frequency meters.etc	904
J68153	5-6	Alddle, James G.	Fwd Siemens & Halske catalog covering instruments for wireless use. TO -- ack.5-9 Fwd S&A 5-9	
80777	10-22	Paul, R.W.	Fwd. quotation on Unipivot galvanometer. W. To Washn. Reqn. Bu.143 and 145 prepared for.10/28.	
81077	10/25	S&A	DES MOINES: Variometer coil: copy of let- ter to NY directing shipment so same may be carried by Commander Long.	185-6
80975	10/24	To Telefunken Co.	Primary variometer, coils, great difficulty experienced with those supplied under cont 14747.	904

METERS, 893

Number.	Date.	From or To—	Subject.	
82102	11/7	Chas	Reqt be furnished with QUEEN DIAL resistance box for use during ARLINGTON test.	807
84645	12-5	Phila 1987	Hot wire ammeter turned in from TACOMA and KEARSARGE; recommends be shipped to NY for repairs. W. Set---via S&A. Directs be shipped to NY for repairs. 12/10.	
			1913	
87389	1/13	To Natl Elec. Sig. Co.	Wattmeters, 500 cycles, 100 K.W. range. Request price; for possible installation at Arlington. W	
87910	1/18	To Washn Yd. & S&A.	Shipment of decade dial testing set to Leeds & Northrup Co. for repair. W	
88818	1-28	Nat. Elec. Sig. Co.	Quotes price on 500 cycle wattmeter. W. To---2/5.	
88957	1/15 1/23	Ensign J. Y. Dreisonstok WYOMING	RADIO stadimeter for detecting objects in proximity for use of radio. W To CO. impracticable. 1/31.	

MESSAGES: Wireless (general)

Number.	Date.	From or To—	Subject.	
46863	8/11	Telefunken Co	PORTS: quotes price for VARIOMETER	832
46827	8/21	Clark, E.H.	WHEELING: also recd shipment of VARIOMETER from N.Y. (in connection with adjust)	478--6
47504	8/30	To S&A	MICHIGAN: recd shipment of WIRELESS SPEC. Co's voltmeter	286--6
✓ 49704	9/19	Biddle, James G	Quotes prices on for wireless. W To --has prepared reqn. for galvanometer & voltmeter. 9/28 to Washn. for Bureau reqn. #1. for Bu. Standards. 10/3.	
✓ 50087	10/3	Telefunken W.T.Co	Asks if Bu. will approve use of Machado-Roller hot wire ammeter and voltmeter for switchboards. W To --- Machado & Roller type not desired. 11/20.	
✓ 50206	10/4	TO Washn. Taylor Inst. Co	Wds copy of reqn. 132 for milli-voltmeter for laboratory. W	
✓ 50333	10/5	Telefunken W.T.Co	Primary variometers: re. t. shipping instrns for those turned in by Mr. Clark for repairs. W Fwd NY. 11/1. RB 11-6	
✓ 51049	10/13	TO Washn	Fwds copy of reqn. 145 covering, for use at Laboratory. W	
52208	10/26	Ports	PORTS: states require variometers sent Telefunken Co. for inspection & repair.	832
53308	11/11	To New Orleans (Pensacola Yd).	Combination voltmeter and ammeter (Hartmann & Braun). Directs delivery to G.H. Clark. To --- Above should have been addressed to Pensacola, Fla. 11/15.	BLRBY
53195	11/10	To Washn.	WASHN STA: Milli-voltmeter for: fwsd copy of reqn. 179, NSA, Bu.	840

METERS 893

Number.	Date.	From or To—	Subject.	
53613	11/15	To Pensacola	Combination voltmeter and ammeter (Hartmann & Braun) directs delivery to G.H. Clark	900
53702	11/16	To Washn & S&A.	Galvanometer repaired under Su. rean. 10 NIA. Request shipment to Elliott Woods (Supt. of Capitol Bldg and Grounds). Rean Su. NIA submitted to cover cost of repairs. W	
54442	11/21	Ports	PORTS: variometers received from Telefunken Co. broken, this type not satisfactory. and reqts instructions.	832
54522	1/12	To Leeds & Northrup Co.	- 1912 Marine galvanometer #13617: asks numb r of requis. for dates, place of shipment, and by what office payment was made. W Gives date of shipment. 1/15 To --- Ack. 1/18.	
58237	1/29	To NY and S&A	Hot wire ammeter: requests shipment from New York yard to LAMSON.	260-6
59781	2/6	To S&A	Request shipment of one Fleming cy. nometer from Colon to Washington.	FI7
61497	2-6	Thwing Inst. Co	Pwds bill for milli voltmeter delivered to Dr. Austin, W to --- Leon NIA 263 submitted to cover payment 2/20. to Washn. Wds copy of Rean. 2/20.	
62517	2/29	NY	ORLEANS: reports shipment of voltmeter and relay sending key	821

METERS: WIRELESS:

FILE No.	From or To-- (Dated)	Subject.	
34351 3/22	TO At.Flt	Directs power factor meters be removed from wireless switchboards and shipped to Walker Elec. Co. W. To -- Directs power factor indicators be removed from switchboards for Walker Elec. Co. W. and shipped to Walker Elec. Co. 3/22.	
35889 4/11	To Academy & C.O.	BAILEY: fnds copy of reqn for D.Arsenal galvanometer.	124--6
37546 4/29	DELAWARE	Reports shipment of power factor meter to Walker Elec. Co. W	
42670 6/22	Norfolk	BAILEY: reqt galvanometer for wireless turned in by Dr. Austin be invoiced to vessel.	124--6
✓ 44262 7/22	TO Washn. S&A & Leeds & Northrup	Portable galvanometer: directs be shipped to for repairs, W	
✓ 44480 7/25	Leeds & Northrup	galvanometer: will take steps to investigate breaking down. W. To Washn. fnds copy reqn IO covering repairs: reqt to be advised when article is returned. 7.27.	
45747 8/8	Biddle, James G	Invites attention to 500 frequency meter. W.	893--4
45458 8/2	Nav	ALASKA: galvanometer: order d turned in from Bailey to Norfolk for shipment to: re loss of:	845



METERS: WIRELESS

FILE No.	From or To— (Dated)	Subject.	
✓ 28797 1/11	TO. Biddle, J.	Reqt. copy of latest catalog.	
29105 1/14	Biddle, T.G.	500 cycle frequency meters, states cannot supply at present time, data, are in communication with factory.	
29545 1/20	To NY	FLUSSER: burned out variometers; to be taken in to store at Yd. and shipped to Wash. when received	206--6
29545 1/20	To C.O.	FLUSSER: burned out variometers: send copy of survey to New York Yd	206--6
31861 2/17	N.Y.	FLUSSER: states burned out variometers have been rec'd and are being surveyed	206--6
32624 2/28	N.Y.	FLUSSER: reports variometer	206--6
✓ 32688 3/1	TO Biddle, J.G.	Reqt. quotation on bridge megger del. M.I.S.W	
✓ 32763 2/26	Nat.E.Sig.Co	Invites attention to direct reading capacity meter for measuring capacity of antennae. SM To -- acls. 3/5	
✓ 32812 3/2	Biddle, J.B.	Quotes price on Bridge megger for del. M.I.s. W To M. Is. fwds. copy rec'n. 3/5 To -- Recn. made for 3/7.	
32794 3/1	C.O.	BAILEY: reqt hot wire ammeters for	124--6
33105 3/3	C.O.	STRINGHAM & BAILEY: reqt hot wire ammeter:	418--6
35724 4/8	To Bailey & SAA	UNALASKA: ship galvanometer to M.Is.	845



METERS: AUDIBILITY: RADIO

Number.	Date.	From or To—	Subject.
✓ 211916	1-10	M. Is	Request vandyke prints. W Fwd Wash—Directs fwd direct. 1/23
212339	1-		
213229	1-30	Washh	Request authority to issue one to radio testing shop in connection repairs telephone receivers. W To—Grants auth: 2/6
213681	2/6	To Wash	Directs audibility meter old type, at Communi- cation office be turned into Wash. W
✓ 307591		Dr/ L. W. Austin	Submits report of test on new meter designed by Wireless Specialty Co. W Fwd Wash—Directs fwd direct. 2/6
322428	7:1	Marconi Co.	Asks if will authorize company to furnish Canada Marconi Co. with information in connection with forestry production. W To Nav. Intel. Re use of Navy Telephones for airplanes. 7/9 Marconi Co — 8:20

1920

NP 1123

1915

METERS: AUDIBILITY: RADIO.

Number.	Date.	From or To—	Subject.	
171246	11/15	To Boat	BIRMINGHAM; audibility meters; auth transfer of meter recently assigned to Radio Lab to ship	138-6
171244	11/15	To S&A	Reqt shipment of audibility meter from M Is to Cordova	809
171245	11/15	To S&A	Reqt shipment of audibility meter from M Is to Yerba Buena	842
171355	11-16	To S&A. and ships.	Audibility meters: reqt shipment from ships to ships. W RB 12/13 SALEM 11/19 To SALEM--12/4 To S&A--Cancel shipment. 12/4 WEST VA: Reports transfer to San Diego. 11-30 Fwd SAN DIEGO-- 12/9 To S&A--Reqt transfer of an aratus. 12/9 RB FR SA. 12/22 Fwd S&A--Noted. 12/24 To ARKANSAS via NY--Auth repairs to meter. 1-24 Fwd S&A-- 2/25 RB 3/28 Fwd S&A--3/31	RB 2/17
184705	4/18	To SAN DIEGO	Calls attention to incorrect method of obtaining audibility readings	147-6
✓ 185001	4-19	To M. Is.	Audibility meter #206: asks if meter is at the Electrical School in addition to one reported in stock. W M Is 5-1 To Further. 5/16	

893 -- 5 METERS: AUDIBILITY: RADIO:

Number.	Date.	From or To—	Subject.
✓ 185303	4-24	To Phila.	Audibility meter ~~for~~ SALEM ex VIRGINIA; asks if a status is in stock. " Phila not in store 5-5 Rug SA 5-4 E. 18 5-5 To Phila—Further. 5/15 Phila now in use radio lab 8-18 Audibility meter; asks if a status now at station. RB on hand 5/15 (at Darien) To Yards--Ditto. 4/27 New Orleans 5-2
✓ 185303	4-24	To Darien.	
✓ 201673	10/10	To S&A	Reqt shipt of audibility meter from Wash to SAN FRANCISCO. W to S&A (?)—Reqt shipment of Audibility meter to Pacific & Asiatic Radio Stations. 10/11
✓ 203399	10/24	To Chief Elec. McDonald via Dir. Nav. Communi.	Fwds ~~transfer~~ audibility meter to Mr. McDonald. W To Wash—Auth issuance of to Mr. McDonald. 10/24
204011	10/30	To Wash	Assigns Naval Radio Lab, Bu of Standards one audibility meter. W
206917	11/21	M Is	Audibility meters; asks number and type of telephones; should be used with those for Guam, Tutuila, Olongapo and Peking. W Fwd Wash--For comment and rec. 12/5

Number.	Date.	From or To—	Subject.
653087	12/2	M.I.	Fwds beneficial suggestions by RG Robinson covering remote control on arc radio station. Fwds Washn 12/16 RB 12/27 W To MI- Regsta estimates 2/2/23
652667	1/3 /23	To S&A 1825	Reqst shipment of tubes from Washn to SC NY 1825 W
653477	12/15	To Western Elec. Co	examination of dept's records confirms recent statement of Mr Skunkle navy is licensed under patent to L Cohen- permits use of coupling W
654078	12/18	Wash	Fwds letter from W.L. Carlson submitting list of patent and patent application W
654819	12/18	H.J. Callaghan	Submits suggestions covering una-direction radiation and arrangement of oscillating circuit W To H J Callaghan via CO TEXAS via Union Gives action taken 1/4/23

PATENTS RADIO

1922

Number.	Date.	From or To—	Subject.
655122	12/28	Patent Office	Requests reference as to earliest publication description of inverted 4" tube in connec. with arc generator at Annapolis Sta. W To Comm of Patents. Gives informal specimens 1/6/23
655173	12/28	Washington	Fwds letter from radio laboratorian E. L. Powell giving description of reception circuit for selective reception of short wave lengths. Requests patent be obtained W Fwds G-I-C standards 1/4/23 BB 1/22/23 W To S&A - Fwds invoice 5/26/23
594204	from card 43		To Comm of Patents. Fwds 2/10/23 1/6/23 To Dept J & G - Fwds 2/10/23 1/6/23

PATENT RADIO

1922

Number.	Date.	From or To—	Subject.
615124		from card 61	To Radio Laboratorian Wendell L Carlson via Washn Comdt - Fwds license 11/17 To Dept of A G - Fwds copies of license 11/28 W RB 12/4 - W To W L Carlson via Washn Comdt - Fwds license 12/20
650424	11/15	M.I.	Fwds License from Lab L. TL Royder covering electric filters W
650675	11/22	Rennie Davis Lewis Edmonds.	Fwds inclos-1 form of a request rel to grant license to makers of radio parts in U.S. Patent owned by R. V. W To Rennie Davis Marvin & Edmonds - gives Inform 12/20

PATENTS RADIO

1922

Number.	Date.	From or To	Subject.
650881	11/18	Fed T&T Co	Patent transferred to Navy Dept b1 alien custodian. Summits Co's proposition covering use of W To Fed Tel & Tel Co - gives inform 12/19 Fed TT Corp 12/27 W To Fed Tel and Tel Co - comments 1/9/23
603681	from card 65		To Patent office - Gives inform rel charge of copies of specens W 11/28 To Patent Office - Requests copies of patents listed 12/9 To Patent Office - Requests patents 12/22 To Comm of patents - Requests patent 12/22
651916	12/4	To ∞ Anacestia	method of photo telegraphy - W RB 12/11 W

PATENTS RADIO

Number.	Date.	From or To—	Subject.
645296	10/17	To S&A	Payment of fee of \$40. for appeals to commissioner of patent from board of examiners in Chief. WK
646179	10/19	114 2 CO H. TALBOT	fwd's suggested amendment to Scott application for patent on clasp phone. 7.
646804	10/21	Judge Ady General	Inter Departmental patents Board submit questionnaire concerning invention and patent arising and acquired by Navy Dept. including license and other rights there to appertaining WDL X 674 To J A G via Cron- Gives records 11/9 To J A G- Gives reply to questionnaire 1/23/23
646763	10/23	J. E. Parker	Requests ~~agony~~ patent on radio. Rec 8 12 w/ fwd's Bu of Standards 10/31 RB 6/1 W Fwd JAG- Recd patent on 7/12/23 To JAG - 8 11/1/23

Number.	Date.	From or To--	Subject.
646008	10/25	To Comm of Patents	Fwds two executed licenses W
647039	---	C D Palmer	Copy C. D. Palmer amends patent application covering radio antenna for aircraft. W To C D Palmer via CO- Fwds copy of amendment W 3/25/22
598294	from card 52		To Dr L W Austin- via O-I-C radio research lab Fwds license in quadruplicate 11/7 radio research lab 11/13 Fwds copy of license to L. W. Austin W

PATENTS RADIO

1922

Number.	Date.	From or To—	Subject.
641927	8/17 9/16	Pac Fleet Communications	Fwds letter from Gunner W.N. Fanning with description of automatic SOS sys. W Fwds Navign 9/22
641928	8/17 9/16	Pac Fleet Communications	Fwds letter from Gunner W.N. Fanning also copy of article appearing in "Radio World" regarding radio control W Fwds Navign 9/22
644096	10/2	W. H. Priess	Request prints listed be turn in conn with establishing dates of invention of various apparatus Lett 11/7 Copy action to Washington W
644447	10/6	Inter-City Radio Tele. Co.	Ask information as to what terms and conditions Co. can secure radio patents formerly owned by Telefunken Co. W To the Inter-City Radio Co. Gives Inform 10/17

1922

Number.	Date.	From or To--	Subject.
632448	from card 66		Cont by and betw on the Serry Gyroscopic Co and U S Fwds copies of cont W
		10/11	
645282	.??	?? Dept.	License signed by Vreeland Apprs Co. relating to Oscillators. Dept contract D-5465
✓ 645455	10/12 10/13	H. E. Hallberg Washington	Report covering investigation of patent ability of uni-wave signalling system for cabled arc circuits. Washington. Was letter from H E Hallberg Radio Aide on the patentability of a uni-wave signalling system. 10/31 W Was 11/16 Fwds letter from HE Hallberg with pencil sketch # 0.4

PATENTS

RADIO

1922

Number.	Date.	From or To--	Subject.
637840	8/14	Lt. S. H. Sacker	Ask if he is entitled to services of patent Dept of Bureau. W. To H Sacker- given inform 8/22
637796x	8/17	To Bu Standards	patents received from German patent office W Bureau Standards Laboratory 9/29 Submits report by Dr. Miller says patents received from German Patent Office W
538500	7/20	To A F Ellis	AS in L.S. since reflected in loss to locate ships have been made W
637269	8/22	To A F Ellis	Returns copies of patents with comments W

1922

Number.	Date.	From or To--	Subject.	
638330	8/22	T. F. S. Chapman	unable to undertake any tests of reflecting wireless wave W	
639202	8/22	J. H. Hammond	Calls attn to his patents cov antenna for automobile tornados. W. To Hammond Radio Research Lab is securing copies of patents 8/26 To Non Comm of Patents- Request photostat copies of listed patents be furnished Radio Div W 8/26	
639188	8/16 8/22	C. D. Kealer JIG	Request inform rel to policy of Govt in comm with use commercially of certain patents by it relating to radio acquired from Alien Property Custodian. DW	674
639511	8/22	C. W. Waller	Fwds copy of patent on means for electrically propelling and communication with Aerial vehicles and Haring vessels. To Mr. Chas. W. Waller- Subject matter not of interest to Navy. 9/8 W	W.

PATENTS RADIO

1932

Number.	Date.	From or To—	Subject.
632280	7/22	To Radio Laboratorian Carlson	Wendell L. Patent Application Covering Amplifiers. Fwds plans. Washington. Fwds draft of application. 8/3 W To Patent Office Fwds plans 8/8 To Radio Lab W L Carlson via Washn Fwds license 11/7 RB 11/25 W To Dept J A G Fwds cc license 11/25 RB 12/8 W To W L Carlson via Comdt Washn. Fwds cc license 12/20
630595	7/26	To Mr Cornelius D Ehret	Thanks for the four powers to inspect Register applications not as listed. W
636208	8/8	To Lt Comdr H R Norton via Phila	Patent application on the system for handling Viscous Fluids Fwds plans W RB 8/16 W.
637008	8/2	Fed. T/T/Co.	Lists patent which they desire to obtain the right to use. W. To Fed Tel & T Co. Gives I. Inform. Federal Telephone & Telegraph Co 9/27 W Fed. T/T/Co. Asks status of rights under patents. 10/5 W Fed T/T/Co. Request action. 10/5 W To Fed Tel and Tel Co (1) Gives Action 10/6 To Fed Tel & Tel Co. gives Action 10/6

PATENTS RADIO

19 22

Number.	Date.	From or To—	Subject.
489781	FROM CARD 34		✓ ~~W. E. Woods~~ Best action cov claims on static eliminating circuit. 8/3 W to W S Woods gives action 8/15
637657	8/14	A. Crossley	Request patent on application for harbor plotting device- subm description. W. A. Crossley- Request patent application for harbor plotting device 8/14 W to SCA gives instrns re: check 5/3/23
637614	??	???	Copy of license by M. Arendt and J. E. Jockey for improvements in submarine communication system. W.
636788	8/14	To Lt. Comdr H H Norton via Comdt Phila	Application of Lt Comdr H H Norton on "Fuel Oil Burners" W Fwds plans RB 8/25. W. Lt. Comdr. H. H. Norton- fws sketch of burner- request 201 file application for patent. 7/10 W. Fwds H H Norton via Comdt Phila- fws sketch of fuel burner 10/10 To C D Ehret- will furnish photostats 12/15 To SCA- fws invoice 12/16 To patent office- fws application papers 12/16 To C D Ehret- assignment of application cc H H Norton- Phila 1/5/23

PATENTS RADIO

1922

Number.	Date.	From or To.	Subject.
631325	6/30 7/1	Sperry Co. JAG	License agreement gov fan motor. W. Fwds Judge Advocate General 7/13 To JAG- Fwds recorded contract- 11/14 W
552957	FWD FROM CARD 44	I	TO H.E. Reppert via Wash- F. L. license 7/12 W To Dept- Fwds copies of license 7/27 RB S/3 W Fwds Reppert via Washn- Fwds cc license 8/8

PATENTS RADIO

1922

Number.	Date.	From or To—	Subject.
590937	F.D.	FROM CARD 50	To G.T. Royden via I.I. - Fwds specns and drawings 7/15 BB 8/9/22 W To G.T. Royden via MI - Fwds smooth draft of Specn 9/15 M.I. 9/26 Fwds specns from G.T. Royden W To Comm of Patents - Fwds application papers 1/5 To S&A - Requests check be fwded Comm patents for payment of filing fee G.T. Royden 10/7 To Radio Laboratory G.T. Royden via MI - Fwds copy of license in triplicate 11/7 To Dept. J & G - Fwds copies of license 11/20 BB 12/4 W To G.T. Royden via Comit MI - Fwds cc license 12/20
632448	7/15	To Aeronautics	Patent license of Sperry Gyroscopic Co. W aviation - makes allotment of \$2,000 towards aviation - makes allotment of \$2,000. 8/18 W aviation 8/16 Canceled allotments W To Comm of Patents - gives inform rel on 10/21 BB 8/9W
632975	7/15	Pemie Davis Marvin Edmonds	Request license cov manufg and sale of radio eqipt under Telefunken crystal patents. W. To Pemie Davis, marvin and Edmonds - gives inform rel license 10/21

PATENTS: RADIO

1902

Number.	Date.	From or To—	Subject.	
550751			To J Y Allen- Fwds cc of agreement to Radio Corp of America Fwds cc of agreement 6/17 W Radio Corp- Acknowledges 6/18 W	6/22 W
629342	6/21	C. Rudolph	Fwds drawings of rotary snap switch. With description of W To Comm of Patents- Fwds application papers 10/18 to S&A- Requests check & Fwds to Comm of Patents for payment 10/19 To Dept- Fwds copies of license 11/7 RB 11/17 W RB 11/22 W	

PATENTS: RADIO

1922

Number.	Date.	From or To—	Subject.
629544	6/28	To E I Powell- via Washn	Patent Application covering "Electrical Condenser" - Fwds specns W RB from Washn. 7/19/22. W
			To Radio Lab Edwin I. Powell via Washn- Fwds copy of license 11/7
			To Dept- Fwds copies of license 11/20 RB 11/29 W
			To Radio test shop via Washn- Fwds cc license 12/2
			To SEA Fwds INVOICE 6711
603681	FWD FROM CARD 63 -71		To SEA- R sts check for \$35.70 be fwd to Com of Patents. 7/1 W
			To SEA- R sts check for \$42.45 7/1 W
			To Patent Office- Requests photostatic print 7/14
			To Patent Office- Requests cc of patent 7/14
			To Com of Patents- Requests specns of listed applications. 7/18 W
			To Com of Patents- Requests cc of patents 8/11
			To Patent office- Requests photostatic cc of plan and specn 8/18
			Patent Off. Belgian patent 163516 not published
			no Washn Rel charge of copies 9/20
			Patent Office- Statement of account 9/26 KW
			To Comm of patents- Requests be furnished cc of patent 10/7
			To SEA- Gives instrns 10/9
			To Patent office - requests be furnished cc patent 11/3
			To Patent office- Requests cc of specns 11/9
			To Commissioner of Patents- Requests cc of patents 11/10
			To Commissioner of Patents- Request copies of patents. 11/14 WK
			To Patent Office- Request copies of patents be furn. 11/14 WK
			To Patent Office Requests be furn with copies of patents 11/14 WK
			To Patent office- Gives instrns 11/16
			To Patent office- Requests cc patents 11/21

PATENTS RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 622879	5/9	W. F. <u>Grimes</u>	Request patent rights on a device for regulating the period of a circuit. W.
✓ 625837	5/23 5/27	Naval Intelligence Dept	Avs translation for letter from J.G. Schaefer concerning his radio inventions. W. Dept 6/14 Copy letter to J.G. Schaefer W Fwdk Dept 3/23/23
✓ 625556	5/31	To C Francis <u>Jenkins</u>	Prismatic discs-- will be glad to receive an offer, conditional upon successful development of invention concerning use and manufacture (by the navy) for Govt use exclusively W
✓ 626914	6/6	<u>Cutting & Washington</u>	Request license be given Co for use of patents listed. To Cutting & Washington Radio Corp-- comments 6/10 Cutting & Washington Corpn 6/12 Request put through license for exchange of patents listed W To Cutting & Washington Radio Corpn-- Gives comments 6/15

Number.	Date.	From or To—	Subject.
627865	6/9	Patent Office	Patent applications with prints received from Engineering ~~not~~ not properly packed W
✓ 628622	6/17	No source	Memo by W Div giving summary of situation in re patents design, mfg & sale of sound apparatus W
531233			To Dept Acceptance of license from Wendell L Carlson- 8/22 W To JAG 6/21 RB 7/6 W To W.L. Carlson via Wash- F ds license 7/12 W

PATENTS RADIO

Number.	Date.	From or To—	Subject.
619111	4/20	To Submarine Signal Co	Reqst be furnished copies of the patent applications W Submarine Signal Co.- Ask if satisf time for conference. 4/27 W. To Submarine Signal Co. 5/2 W. Submarine Signal Co. fwsd copy of case. 5/12 W To Patent Office- Reqsts print 7/10
580656	4/21	To Mr Leroy M E Clausin	Gives comments on patent application cc Chasn 8/9
603681		fwded from card 56 TO CARD 55	To The Commissioner of Patents. Reqst be furnished cc of patent on enclosed list Patent Office- 5/24 W 4/25 To Patent Office Reqst cc of patent 4/27 To Patent Office Gives Instrns 4/28 To Patent Office Reqst copy of each of listed patents 5/4 To S&A Reqst check be forwarded to Commissioner of Patents for payment of patents 5/9 To Patent Office- Reqst be furnished one photostatic print. 5/13 To Commissioner of Patents- Reqst listed patents 5/17 To Patent Office- Reqst print 5/20 To Patent Office Reqsts Print 5/23 To Patent Office- Request correct patent data 6/7 W To Patent Office- Reqsts copy of patent 6/7 W To Patent Office Reqsts Print 6/8 To Patent Office- Reqsts be furnished cc of patent 6/9 To Patent Office- Reqsts cc of listed patents 6/13 To Patent Office- Reqsts cc of patent 6/24 To Patent Office- Reqsts cc of patent 6/27 To Comm of Patents- Rqsts print 6/30 W

1922

Number.	Date.	From or To	Subject.
✓ 620592	4/28	To Comar A ⁴ Taylor Anacostia	via CO Transmits patent granted April 23 on application prepared and file by Bu W
✓ 620991	1/20	T. Klem	Invention saw submarine wireless telegraph device- now is interested in- will send sample. To G. Klem- 5/11
✓ 621870	5/9	To A H Taylor via CO Anacostia	Conveyance of License to the United States Government Fwds copies of W To Dept Fwds six copies of license 5/16 RS 5/24 with copies of license. W. To A H Taylor via CO Anacostia Fwds cc license 5/26
✓ 622697	5/5	Pug. Sq.	Fwds letter from R. H. Marriott with data for possible patent on heart shaped diaphragms or sounding boards. W.
✓ 622860	5/9	W. F. Grimes	Request patent rights on a device for automatic energy absorber. W.

N. Eng. 131

APR 1913

RD 10

1922

Number.	Date.	From or To—	Subject.
617059	4/3	New Era Press Assn.	Request inform as to numbers of stations purchased and date of purchase from Federal Tele. Co.
576711	FROM CARD 49		Commercial Cable Co.— Lists patents for which licenses are required. 4/12. W To the Commercial Cable Co.— Give Action taken 4/21 To Commercial Cable Co— impossible to grant license 6/29
618945	4/14	J. B. Brady	Swds affidavits of applications for patents on telephone receivers for radio telegraphy. W To G. W. Carpenter Swds cc Amendment 5/6 To J. B. Brady— Amendment of application 5/6 To W. L. Carlson via Wash Swds cc of amendment 5/6 To J. B. Brady— 5/10 W To Comm of patents— Request prints 8/8 Patent Office— drawings not approved. 8/12 W To S&A Swds cc 7/10

PATENTS RADIO

Number.	Date.	From or To—	Subject.
615931	3/30	To S&A	Payment of Final Fee of \$20.00 on Application of Max Mason. Request check be fwded to Commissioner of Patents W R Govt. of Justice. Govt fee should be paid before 4/1-3/30
602978	FROM W.D. 57		Fwd. Tele. Co. Awd. form of suggested letter to W.D. in conn. with Taylor patents. 3/31 To Fed Tel Co. Gives arrangement to be complied with 4/6 Fed. Tele. Co. - 4/11 W. Fed. Tele. Co. - 5/23- Fwds powers to inspect all pending U.S. applications assigned to Fed. Tele. Co. of A. Taylor. 5/23 W MI- Request copy of contract with Fed. Tele. Co. 5/25 W. To Fed Tel Co. Ack receipt of patent applications 6/7 To Fed Tel Co. Gives Inform 6/10 To E.I. - 6/19 Fed. Tele. Co. Status of patent suits. 6/19 W
616841	3/7	Per Dept JAG	918 Morton Patent- radio apprs for airplanes - compensation for use of by Government. 7. Fwds Judge Advocate General 4/6

Number.	Date.	From or To	Subject.
566139		fwled from card 47	To Glenn W Carpenter-Regsts that each enclosed papers be executed and returned to Bureau W 3/15 To Dept Fwd six copies of license 4/6 To Glenn W Carpenter fws license 4/20
615931	card 62		
613938	3/15	Anacostia	And request of J. H. Taylor for patent on regulation of voltage for tube sets. w. to S&A - fws Invoice 5/16/23
614324	3/17	Patent office	Application of Taylor & Young #17066 - request final fee be paid. #. To-- Gives Action 3/21

PATENT RADIO

1922

Number.	Date.	From or To—	Subject.
566140	Radio from car. 48		To Glenn W Carpenter Ack receipt of print of special vacuum tube W 3/20
615124	3/23	Washn.	Twds request of V.L. Carlson Laboratorian for patent on radio frequency amplifier. To Radio Lab via Comdt Washn Twds to Sperry and plans 8/4 RB from Washn. 8/18 W To The Commissioner of Patents- Twds appli- cation papers 9/8 W To Sperry - gives instrns rel check 9/9 Request information rel to award on patent of speed fan for wind driven genera- tors. 9/18 To Sperry Gyro Co. - Inform 3/31 Sperry Co. - Request prompt settlement. 4/18 To Sperry Gyroscope Co- Gives inform 4/29
	card 71		
616110	3/28	✓ Sperry Co.	

PATENTS

RADIO

1922

Number.	Date.	From or To -	Subject.
✓ 610783	2/18	Ware Radio	Ask if can secure license for manufg of radio frequency amplifier. To S&I Fwd 30-44's which patent is considered of interest to Govt 2/24 W
✓ 611544	2/27	J. B. Brady	Fwds Associate power of A. ty. in application for patents on telephones receivers. To return application 3/15
✓ 611620	2/27	W. F. Grimes	Request patent on new type of wave length control. Submits description & diagram. To S&I Fwds Invoice 5/31/23

PATENTS: RADIO

1922

Number.	Date.	From or To—	Subject.
611435	3/3	To Alien Property Custodian	Ask if office has completed list of all patents if so request cc of list to Bureau of Patent W. Alien Property Custodian. Have not seen list of radio patents. 2/6
609952	2/7	To D. I.	Transmit copy of license from Mr. Dewar to Hallgren W. 3/25
613961	2/8	Europ Forces	Transmit copy of letter from K. Poltz offering and instrument for long distance riding and long distance steering of torpedoes by continuation of electric waves. ✓

PATENTS

1922

Number.	Date.	From or To—	Subject.
414474		FROM CARD 15	H. Pratt 2/8 '7 To Haraden Pratt— Fwds copies of patent 2/28/23
55 374		Fwdsd from card 14	To Deit— Acceptance of licence from Alfred Crossley— Fwdsd from card 14 acceptance 2/2/13

PATENTS

1422

Number.	Date.	From or To-	Subject.
609493	5/14	To A I Gardner	Ask when may expect interview in matter of conflict between the patent application of Dr. H. H. H. and Eng. of Dept W Radio Engrs. Corp. of New York. - Asks if conference 4/3 satisf. 4/28 W. To Radio Eng Co of NY- Gives Inform 5/2
556834	FWD-FROM CARD 46		To The Commissioner of Patents- Fwds application papers of Rudolph H. Stein. 2/18 W To R.H. Stein via NY- Copy of licence fwd 7/12 W To Dept. submits Rodman 7/28 W. RR 8/3 W To R.H. Stein via NY- Fwds cc licence 8/3 W
609959	2/78	To The Commissioner of Patents	Fwds application papers of Arthur E. Troegner cov. improvements in "Electrical Protective Arrangements." To S&A-reqt check for \$15.00 payment of filing fee be sent Commissioner of Patents for application of A.E. Troegner-2.20-WR To Dept- Fwds license 7/13

Number.	Date.	From or To—	Subject.
606327	1/28	To S&A	To S&A- Regst ckeck be fwdd to Commissioner of patents for payment of final fee 3/18 To Patent office Fwds license 4/9 To Judge Advocate Gen Fwds license 6/7
606327	1/28	To S&A	To Patent Office Fwds application 7/4 To Dept Fwds 6 copies of license 3/9 RB 3/28 W.
607172	2/8	To Judge Advocate Gen	Licenses to put under R to patents of forer & vis employees from to to corp of Clark W Fwds copy of agreement- Bill na

Number.	Date.	From or To--	Subject.
544605		fwad from card 42	To C. I. Watson R. Lat via Court II- Fws Du let see 23- With 1/17/73 To M- Gives Instrns 3/21 II- Fws not rotd by Mts m. 1/17
607777	2/7	To Judge Advocate Gen	Fws recd from Mts m. 1/17 To Judge Advocate General Fws licenses as listed 4/29 To J. A. G. Fws license 11/29 J. A. G. Fws license 11/29
607773	2/3	To Patent Office	To Patent Office of Scientific Patents and Photostatic Patents Patent Off- 2/17

100

Number.	Date.	From or To—	Subject
497016		fwdd from card 35	To Comdr A. J. Coyt. Taylor Annapolis v. a -C- was cc on 1/19
605716	1/19	<u>Lowenstein Co.</u>	Request copy of letter showing amounts awarded on patents. V. To: Mrs. C. J. Board 4/1/19 Lowenstein Co. - Request copy of Boards letter 1/26 V. To: Mrs. C. J. Board 4/1/19 Lowenstein Co. - 2/9 V.

N. Eng. 121
PATENTS

Number.	Date.	From or To—	Subject.
597670	FROM CARD 52		A. I. Gardener 1/24 W. Hammond Labr Comments on Invention for supporting and unreeeling antenna. 3/14 W To--Gives instrs 3/18 Jno. H. Hammond Jr. - sends copy of formal abandonment. 10/2- W.
605978	1/24	To Fed Tel Co	Intent in Regts Rule kept advised immediately when invention was made with Fed. Tel. Co. Lists applications pending 2/2 To Fed Tel Co-comments-2:18-W Fed. tele C 3:3 W Fed. Tele. Co. Fwds power of Atty. 3/11 Y.
CARD 6			
606552	1/25	Anacostia	Fwds application for patent of Cmdr. A. H. Taylor for signalling relay-tracing of enclosed. W. To S&A - Regts check be forwarded 5/18

PATENTS

Number.	Date.	From or To—	Subject.
603681	1/11	To Commissioner of patents	Reqt that the patent office furnish the Radio Div Bu of eng cc of patent listed w To Commissioner of Patents-reqt copies of three patents-3,2-4 To-- cc of Res of patents shld be To-- Reqt cc of patents listed 3/17 To-- Reqt cc of patents 3/18 To Patent office- Reqt cc of patent 3/21 To Patent office- Reqt print 3/21 To Comm of Patents- Reqt cc of patent 3/28 To Comm of Patents- Reqt copy of patent 4/6 To Comm of Patents Reqt patent 4/7 To Comm of Patents- Rsts copy of patents listed 4/15 w To Comm of Patents- Rsts listed patents 4/15 w Patent Office- 97 patents mailed 4/13. 4/17 w To Comm of Patents- Rsts of patents 4/13 To J W Pierce Gives Action taken 1/17/22 w
595761		Awged from card 5.	

1922

Number.	Date.	From or To--	Subject.
60341	1/13	To Dir Communications	Request chief Mechanic F C Smith be asked to testify in patent interference proceedings will am Clark v Clark when conducted by Est. S- 377 action to JAG. 1/13 W Dept- Copy action to Communications. 1/18 W.
Bu Reqn 49	Eng 22 1/13	To SAA	Compass for copies of patents from patent office via <u>cross Patent office</u>
60341	12/22 1/11	Europ Forces Communications	Am correspondence regarding inventions of radio transmitter by A. P. Koulikoff, Russian radio engineer. Naval Intelligence 5/13 W Naval Intelligence fwded correspondence to Dir Intelligence- does not desire further negotiations with Mr Koulikoff 8/22 W
577578	FROM CARD 49		CO OHIO Specifications from Ensign H. B. Herty. 1/19 W To Patent office was application re-ars 1/24 To OHIO via Herty 1/24 W CO OHIO fwded copy of license by H.B.Herty 2/23 W To JAG fwded 6 licenses-3:1-W To SAA gives instr. re: check 3/14 To H.B.Herty via CO fwded license 3/21 To H.B.Herty via CO-- comments 4/21 To JAG via Herty 4/23 W

1922

[illegible]

Number.	Date.	From or To—	Subject.
602573	APR. 30 RD 54		Boston 1/5 7 To Boston- no further test will be required 1/11/22
✓ 603127	1/6	To E H <u>Talbert</u>	Fwd a rough draft of a patent application intended to cover an improvement on some Clarifier or Interference elimi- nator of Chief Electrician W J Scott W E. H. Talbert- 5/18 7 To E.H. Talbert- 2:25-W E. H. Talbert- Returns drawings and specifications. 2/28 7.
9 603128	1/7	To General J E <u>Jocoy</u> via CC OHIO card 55 A	Fwds photostatic copy of US Patent to Pay W To J E Jocoy via CC- Gives Action 4/6 To Prof. Aron Arendt- Fwds cc of Amend ment 6/22 To copy via Comdr Sub Base NL Fwds cc of amendment 3/22 To General J E Jocoy- Fwds license 7/12 W RB 7/24/22.W To Dept- Fwds copies of license 9/18 7/27 W 9/26 from JAG with license. 7

PATENTS

1922

Number.	Date.	From or To—	Subject.
447184	FROM CARD 32		Federal Tele. Co. 1/6 7. To Messrs H. H. Light Brothers— Request I form 1/13 Light Bros— Document will be ret'd when suit is settled. 1/16 W To Messrs H. H. Light Brothers— Request I form 1/13 Light Bros— Document will be ret'd when suit is settled. 1/16 W To Messrs H. H. Light Brothers— Request I form 1/13 Light Bros— Document will be ret'd when suit is settled. 1/16 W To Messrs H. H. Light Brothers— Request I form 1/13 Light Bros— Document will be ret'd when suit is settled. 1/16 W
483858		fw'ded from card 32	To Henry L. Lyon— Fwds cc of agreement filed in the Application of Edward H. Lortin and your bill on improvements in Radio Signal— 1/11 W To S. A. — Payment of final fee of \$26.00 on Application of Edward H. Lortin and Henry L. Lyon— 8/8 To H. H. Lyon— Gives inform 8/16 To Lt. Comdr E. H. Lortin— Fwds patent 8/16

✓ Number.	Date.	From or To—	Subject.
601323	12/6	JAG	Awds copy of agreement between Western Elec. Co., and Co., and Submarine Signal Co. and United States on patent interference. W
601414	12/16	H. Pratt	Request status of patent application which Bureau is prosecuting in patent office for himself. 7/12 To-- At st comments 12/24 Give inform H. Pratt. Also copy of Dutcher's report. 1/12
592976	FROM CARD 51		JAG 12/27 W.
590243	??	Wireless Spec. Corpn.	Rel to patent licenses in contracts for radio material. W.

STATEMENTS

1921

Number.	Date.	From or To	Subject.
602573 CARD 15	12/30	Ramsay Hoquet (J)	Request use of vessel at Boston Harbor 1/5-6-7- for testing sound signalling apparatus To Boston - signature authorized cc 1st NY - Carriage 12/31 To Ramsay Hoquet - lives action 12/31 To 1st NY - Request suitable district vessel be made available for tests cc. Carson- Ramsay Hoquet - Harvard University - Anna- polite 12/31 Permit attorneys Sheffields and Letts to take deposition of testimony Ensign L.C. Whorter in patent interference W
8 6.3305	12/7 12/31	1922 H.M. Boston Dept	Request composition for use of patent cay radio installation in airplanes. Advocate General 4/12 12/22 W.
602519	1/3	To Ramsay Hoquet	Gives comments on test of special apparatus W To Dr. G. W. Pierce Harvard University (1) Ask to send copy of report on tests of special sound apparatus 1/13 22

Number.	Date.	From or To—	Subject.
599330	12/7	<u>E Co.</u> (T)	Representatives of Rad. Co. Corp'n Westinghouse Co. Wireless Spec. & Co. will confer with Bureau on patent policy 12/12 or 12/13. W. To G. Dec 13 Agreeable for conference 12/8
598361	12/7	To G W Pierce ~~Gen'l Lab~~ ~~Harvard University~~ To Ramsay Hornet - test of apparatus gives inform cc Dept of Justice 12/17	States agreement recently consummated provides for a manner of settling the interferences on sound apparatus in case Western Elec Co exercises option between yourself and Dr. Hayes. W To GE Co. (T) 13-Dec agreeable for conference 12/8 Geo. Pierce 12/13 W.
599074	12/6	To G W Pierce Gives Action cc H c Hays - Ramsay Hornet 12/17 Exp Sta	Pierce - Wds re ort of test - 1/9 - W Sound interference between patent appli- 797 cation cov developments by Navy - reat Dr. Pierce design apparatus and General Radio Co. Manufg. W
599651	12/3	J. F. Burke	Request conference rel to radio license matters. W.
500297	12/15	Nav. Academy (T)	Tate rsal going on leave 12/16 W

PATENTS

1921

Number.	Date.	From or To--	Subject.
564872		fwdded from card 47	To Dr Harvey C Hays via Annapolis fwdded of license for 11/15 12/14 W To H C Hays via C-1- C Annapolis- fwdded cc action 11/24 RB 12/4 W
✓ 600674	12/14	N.Y.	Fwdd request of H. H. Buttner for patent application for use on further circuits in open with rush and harmonic interference in Tom H. Buttner via N.Y. gives Action 12/20 To H H Buttner- reads comments cc NY 6/19 to Mr. Bennett 12/14 W
✓ 600306	12/17	To NY	Interview of Attorney for Hill and Clark and Clark in patent interference with McCluer CC Sheffield and Pettis 12/17 W To Pella via Judge Advocate Gen- Readst photostat copies of letters dated 12/17 cc Sheffield and Pettis 12/17 To Layton via Judge Advocate Gen- Readst photostat cc of letters to expedited cc Sheffield and Pettis 12/17

1921

Number.	Date.	From or To	Subject.
594474	11/7	To Dept via Judge Advocate General	Agreement between the Western Elec Co and the U S of A on the one hand and the U S of A on the other hand in the matter of settlement of Various patent interferences involving applications of Government inventors Drs Pierce, Mason and Hayes W
595525	11/14	To NY- 3 Dist	Officer of the Day's log book of Balmar Radio Station received in patent interference in Taylor vs Weagant - W 3d Dist. 11/19-Dock cannot be located 11/19 W
595526	11/14	To SAA 9167 ?	Repat shipment of batteries from LI to SO Cavite W
595528	11/14	To Philip Farnsworth	Returns plates listed W P. Farnsworth 11/19 W
596996	11/18	To 15 Dist (T)	Ask if Wave changer or parts installed W
596510	11/25	To Charles Speaker via Bu Standards	Conveyance of license to the U S Government- Gives instrs W But stand instr- sends copy of license by Charles Speaker 12/1 W To Dept recommends acceptance of license 12/6 RB 12/21 W To Bu of Standard FMS license 12/23

Number.	Date.	From or To—	Subject.
597100	11/28	To Judge Advocate General	patent interference Hill and Clark v Lowenstein V Clark Gives detid inform; prompt action recommended W
597670	11/29	To J Hays Hammond - Hammond Laboratory	Hammond ask when will be in Washington in order that the features of patent applications may be discussed W To A I Gardner - patent application of Mr Hammond - rel visit of to Washington 1/5 To A I Gardner - gives correct number of To A I Gardner - rel visit of to Washington 1/5 To A I Gardner - gives correct number of
CARD 57			
598294		Dr. L. W. Austin & E. B. Judson	Fwds request for patent on telephone current comparator W To Mr. E. Bert W. Judson - Fwds copies of specs 8/26 W To Dr. Louis W. Austin via Bu Standards. Fwds specs C/26 W To patent office forwards plan 7/10 To SIA - Requests check be forwarded patent office for payment 7/10 To Dept Solicitor Acceptance of license from Mr John E Miller - recommended 12/6 W RB 12/21 W
589064			
		fwed from card 50	

PATENTS

1921

Number.	Date.	From or To—	Subject.
592915	10/26	J. W. Pearce	rwds copy of patent agreement entered into with Western Elec Co. To Mr. Ramsay Hoguet—Copy of patent agreement between Western Elec Co and Doctors Pierce, Mason and Hayes. W 10/31
593144	10/25	W Division	Memorandum of telephone conversation with Western Elec Co relative to sound patent interference Pierce Hayes case. W
592976	10/18	J. M. Sheridan	request report rel to status of development of inventions of the Title Insurance & Trust Co. W
CARD 54	11/12	J. M. Sheridan— Replies to letter to Judge Advocate Gen- Gives	To— Gives instrns 10/29 To— Gives dicta inform 10/29 J. M. Sheridan - Post Bureau prepare form and of license cov pilotage cable. 11/4 W-C
592992	10/31	To Mr. Ramsay Hoguet	To Gives Action taken 11/12 To Judge Advocate Gen 11/12 Repts Dr. Jewett be called and reminded of his promise to keep advised W
593658	11/2	To H H Armstrong	Suggests that you consult with Mr. Beebe and advise him as to whether or not suggestion is one that Co might be willing to consider— W Manufacture and sell radio apparatus W
589294	11/17	To Dept J A G	Acceptance of license from L W Austin and E B Judson W RB 11/27 with signed copies of license W To Dr L W Austin via O-I-G Bu Standards— Fwds copies of license 11/29

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Number.	Date.	From or To—	Subject.
588025	from	card 50	Emery, Varney, Blair & Maguet. Returns copy of patent & receipt 11/9 W To Western Elec Co. Gives notice inform cc Ramsay Maguet- H E Knight 11/5
593893	11/4	To P Farnsworth	Fwds document reqst receipt be acknowledged W P. Farnsworth 11/7 W.
593894	11/4	To J J Casgrave	Returns document ask to acknowledge receipt W Sheffield & Betts 11/17 W
593895	11/4	To J F Mathershead	Fwds publications Ask to ask receipt of W
593896	11/4	To Messrs Knight Bros	Fwds documents ask to ask receipt of W Knight Bros. Fwds records and documents. 11/9 W Dep't 11/9 W

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*Number.	Date.	From or To—	Subject.
588025	9/30	To Western Elec Co	Gives inform rel patent rights of
CARD 51	10/25	Amery Varney Blair Hoguet-10/24	Messrs. Hayes Mason & Pierce Dept Justice W
		To -- Gives inform 10/25	To Western Elec Co- Gives comments 10/12
		Western Elec Co- rel to simplifying	Western Elec Co. Explains situation. 10/18 W
		patent interference involved. 11/20	To -- Gives inform cc H E Knight 10/1
		Hoguet- (W) Western Elec. Co. To	Gives inform cc H E Knight- R Hoguet 10/21
		consider proposition favorably. 11/1 W	
588904	7/25	Fish, Richardson & Neave	Wds in re to claimants infringement:
			To -- no further action taken- ; Gives inform 10/7
588912	10/8	To Robert H Marriett via Png Sd	Fwds smooth draft of spec of applica
		Png Sd. 11/21- Fwds copy of license.	tion for improvements in spark gaps W
			Png Sd 10/17 Fwds oath
			To -- Comm of pat t fws papers and plans 10/25
			To S&A Rqst check for \$15.00 be fwds to
			commissioner of patents- 10/25
			To R H Marriett via Png Sd fws instrumnt 11/8
589083	10/8	To Charlest Sp. alar via Washn	Patent application covering improvements
			in means for locating sunken ships- metals and the
			like- Fwds spec cons W 11/4 W
			To S&A Gives instrns rel check 11/8
			To U S Patent office Fwds papers 11/8
589084	10/8	To J H Miller via Bu Sds	patent application covering improvements in
		Amplifiers W	
52	11/10	To Patent office Fwds app-	To Washn- Rqst status of work asg'd to design
		lication papers 11/10	J. Miller- fws copy of sacrifications petition
		To S&A Gives instrns rel check 11/10	J. M. Miller- Fwds copy of license- 12/1 W
		of \$15.00 11/10	J. M. Miller- Fwds copy of license- 12/1 W
		To J H Miller via Washn- Fwds inst-	Co infringement of Fleming patent Ask if
		strument 12/1	any objection for govt taking steps to protect
589519	10/10	To Messrs Sheffield & Betts	interests in the premises cc G & Co W
		To Gives Action 10/20	Sheffield & Betts- 10/13 W
		To Darby & Darby- Gives inform	To -- Gives inform cc Dept Justice 10/15
		action 10/20	To Sheffield & Betts- Gives Action cc Dept of
			Justice 10/15
			Darby- Darby- Rqst assistance of Dr. Miller
			and Lt. Kitchen 10/17 W

Number.	Date.	From or To	Subject
591541	10/19	Emery, Varney, Blair & Roguet	Taylor Vs Weagant request Comdr Taylor be present at hearings W Emery Varney Blair & Roguet- 15/19 W
591541	10/22	To Rob S Blair	Due to the shortage of amora for travel the by Navigh may not issue the necessary travel orders W Rob S Blair-10:27-W
592283	10/24	Exp. Sta.	Fds copy of letter to Dr. G. W. Pierce rel to disposition of hydrophone patents to W.E. Co. W
552248 (See 911 for	10/25	To S&A other corresp).	Payment of filing fee of \$15.00 on application of report of R. H. Harriett W To Commissioner of patents Fwds application papers with plans-10/25 To Robert H Harriett via Pug Snd Fwds instrument 11/8
592656	10/24	Battery Park Natl. Bank	Request status of bill to Lowenstein So. for invention. W. To-- Gives inform 10/29
590937 Fwd TO CARD 66	10/26	To G T Royden Radi. Lab Royden	Patentability of battery charging system W M.I. Fwds letter from G. T. Royden submitting patent specifications and suggestions cov battery charging system. 15/29 W M.I. 6/14 G.T. Royden request action W via ml gives inform 6/22

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Number.	Date.	From or To—	Subject.
546464 from card 42			To Prof. E. Merritt- fwsd papers W 7/15
574564	7-18	To Secty	Rept. on the application of the Commercial Cable Co. for license under certain telefunken patents seized by Alien Property Custodian and purchased by Government. W Sol- fwsd letter from Commercial Cable Co. for recommendation. 8/30 W fwsd copies of license, J.E. Parker. W 12/30 W.
576711	7-18	Commercial Cable Co	Rept. on the application of the Commercial Cable Co. for license under certain telefunken patents seized by Alien Property Custodian and purchased by Government. W Sol- fwsd letter from Commercial Cable Co. for recommendation. 8/30 W fwsd copies of license, J.E. Parker. W 12/30 W.
TO CARD 62	11/25	To Judge Advocate General	Rept. on the application of the Commercial Cable Co. for license under certain telefunken patents seized by Alien Property Custodian and purchased by Government. W Sol- fwsd letter from Commercial Cable Co. for recommendation. 8/30 W fwsd copies of license, J.E. Parker. W 12/30 W.
577578	7/28	Ensign H. B. Herty	Rept. on the application of the Commercial Cable Co. for license under certain telefunken patents seized by Alien Property Custodian and purchased by Government. W Sol- fwsd letter from Commercial Cable Co. for recommendation. 8/30 W fwsd copies of license, J.E. Parker. W 12/30 W.
CARD 56	7/27	CO OHIO	Rept. on the application of the Commercial Cable Co. for license under certain telefunken patents seized by Alien Property Custodian and purchased by Government. W Sol- fwsd letter from Commercial Cable Co. for recommendation. 8/30 W fwsd copies of license, J.E. Parker. W 12/30 W.
578523	8/1	Dept	Rept. on the application of the Commercial Cable Co. for license under certain telefunken patents seized by Alien Property Custodian and purchased by Government. W Sol- fwsd letter from Commercial Cable Co. for recommendation. 8/30 W fwsd copies of license, J.E. Parker. W 12/30 W.

Number.	Date.	From or To--	Subject.
579093	12	12	license by A. H. Taylor cov improvements in re-radiation of radio or similar signals. W To Comdr Taylor 8/10
578783	8-27	To Prof E. Miller	Encls copy of license W To S&A- Encls invoice 8/23
583368	8/18 8/18 8/30	Lorenzo Butts Washn. Yd Invention Divsn.	Wave length indicating mechanism-securing of cash prize award. W. Wd Dept 11/12 RB 11/25 making cash award of \$200. W Fwd Butts- Lr Lorenzo G via Comdt Washn 11/26
583848	9/3	Bar Harbor copy	Quotes intercepted message rel to heterodyne patents. W. 898
586416	9/12	H. L. Woods	Request assistance in getting patent on a circuit to eliminate static W To-- Gives Action 9/22 J. H. Bruninga 8/15 Ask if patent was filed W To J. H. Bruninga- Gives Inform 8/24
586301	9/23	To Harry L. Wright - Re	rel progress of S. no. interferences taking place or actions taken by Patent Office or attor- neys W Dept of Justice 10/3/21 Have received notice from Patent Office granting of patent to Max Mason W

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Number.	Date.	From or To—	Subject.
566140	6-2	To Glenn W Carpenter Fed. Co.	Fwds copy of specfns and claims with prints of drawings in conn Patent W Fed. Co. - asks status of applications. 11/29 W
566140	6-2	To Glenn W Carpenter Fed. Co.	Fwds copy of specfns and claims with prints of drawings in conn Patent W Fed. Co. - asks status of applications. 11/29 W
ENG 12	5-1	To S&A	Rel payment of 15.00 filing fee for filing of patent application of A.H. Taylor WR
ENG 12	5-1	To S&A	Rel payment of 15.00 for fee G.W. Carpenter WR
ENG 12	5-31	To S&A	Rel payment of fee for J M Miller WR
568001	5/4	Inter Departmental Radio Bd.	Fwds complete copy of report in loose leaf form for printing. AW. fwd Sec 6/9
568425	5/7	Washn.	Fwds draft and patent application by C. Speaker on method of locating sunken ships, etc. W.
568622	5-9	To R.H. Marriott via Rugst Bd	Fwds draft of specifications. W Eng. Bd. - Fwds drawings and specifications 6/22 W
568024	5-9	To J.M. Miller via Bur Standards	Fwds draft of proposed patent application W Bur Standards Lab-fwds specs - 7:12-W
568882	5/9	Sheffield Batts	Have recommended to Senator Wadsworth that the Dent act be amended so as to allow interdepartmental board to settle claims against Govt for unlawful use of radio patents. W.

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Number.	Date.	From or To—	Subject.
✓ 569277	6/7	Fed. Tele. Co.	Request return reports of Laboratory work performed by Dr. DeForest while in Co's employ W To Fed. Tel. Co. 6-21 To Fed. Co. 6-22 Fed. Tele. Co. 6/27 W
544607	from card 42		To Lt. Eaton— fws copy of license 6/30 BB 7/16 To GE Co— 7/19— (B.R. Cummings) To GE Co's instr. 17. Test papers To Mr. Byron A. Cummings— papers not recd 7/12 W
572472	?	Patent Office	Fws copy of license A.H. Taylor cov improvements in simultaneous transmitter W
572730	?	??	License by A. H. Taylor cov improvement in re-radiation of radio or similar signals. W To Secty fws copies 7/5 BB 7/20 W
✓ 573483	6:30	TRwing	Req't arrange for conference relating to wireless patents. W
559292	7-12	To Dr. H.C. Hayes, via Expt. Sta.	Radio telegram— additional information on preparation of specification W

Number.	Date.	From or To--	Subject.
564506	5/16	Independent Wireless	Eds. copies of application for patent for transmitter & receiver To 5/20
564005	5-16	To Dept Justice	Gives information in re suit of Vreeland Apparatus Co against Internatl Devices Co. in conn patents on radio communication W Dept of Justice. Most further info. 5/25 W To Dept Justice 5-5
564966	5/18	Solicitor	Eds letter from A. N. Edwards offering to sell patent cov improvements in radio receiving apparatus. Eds Sol 6-7
564006	5-19	To Chas Speaker	Eds specification covering improvement in means for locating sunken ships, metals and the like. W
564872	5-20	To H.C. Hayes, via Expr Station	Eds draft of proposed patent application for method of and apparatus for the trans of fluids thru pipes or conduits. W
564883	5-23	To Harvey C. Hayes via Annapolis To R. Hoguet	To S&A 8/18 To Patent Office 5/18 None of patents listed in letter of 5/18 included in transfer to U.S. from Alien Property Custodian of seized radio patents W To R Hoguet 5-26
566133	5-28	To Comdr Hooper	Transmittal of patent to self and G.H. Clark W
566524	5/27	Dept	Eds copy of patent and description, by Capt. W. Hill, covering wave changer for radio transmitters designed for use on two or more antennas- also general data regarding claim, in conn with. W

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Number.	Date.	From or To—	Subject.
566135	6-1	To J M Miller via Bur Standards To K Miller via Bu Standards- cc amendment 3/21/23	Fwds copy of specifications and claims with print of drawings W Fwds J M Miller 6-28 Bur Stand Labr- Returns licence signed by J. M. Miller. 7/26 W To J M Miller 8/10
566138	6-1	To Patent Office	Fwds specifications and claims with drawings of invention by A.H. Taylor. W To A.H. Taylor fws 6/2 To Comdr Taylor 6/28
566136	6-1	To Patent Office	Fwds specfns and claims with drawings of invention by J M Miller W
566142	6-1	To Patent Office	Fwds license of S.C. Hooper and G.H. Clark in comp patent, also license executed by Radio Corp'n in re to W
566139	6-1 card 61	To Patent Office	Fwds specifications and claims with drawings covering invention by G. W. Carpenter W To G W Carpenter 6/30 To - Case 1st. nt. /8 G.W. Carpenter-Rest fws copies. 3/18 W
566906	6-1	To N.Y.	Request photostat copies of letters be fwsd to Sheffield & Betts W NY 6/16
566145	6-2	To W.L. Carlson	Fwds license W
566904	6-2	To W.S. Webster	Fwds license W To - fws cc amendment Gives instrns 1/10/22 To Mr. J. Stuart Webster- Changes may be made 1/17 W
566138 XXXXXX XXXX	6-2 XX	To A.H. Taylor XXXXXXXXXX	Fwds copy of specfns and claims W 7/23

Number.	Date.	From or To—	Subject.
✓ 557044	4/7	Fed. Teleg. Co.	Will fwd complete list of all patents, patent application and other rights acquired by Co.
550029		SEE CARD 43	To Solicitor Fwds cc license W 4/12 To Solicitor Fwds cc license 4/13 RB 5/14 W To J.M. Miller- Fwds copy of license 5/14 To Secty 7/30 RB 8/5 W. To Prof. Marritt Acknowledges receipt of license 8/5 W. To Solicitor- Recommends formal acceptance of license Marritt, 8/6 W. RB 8/18 W To Dept Submits recomms 11/30 To Dept Fwds cc of license 11/30 RB 1/17 accepting license of R. H. Marriott. W 12/
✓ 556934	4/12	To IM NY To NY rel visit of E L Keeler CARD 59	Patent application covering method of constructing thermocouples developed by R H Stein 11/12 instrument maker W To NY 4/25 W NY 4/25 W License by W. S. Webster cov useful improvements in the stat. LW To Solicitor Fwds license 4/25 RB 5/20 W
✓ 555882	??	???	
✓ 560264	4:22	Federal Tel Co	Fwds list of United States patent and patent appliances. W

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Number.	Date.	From or To—	Subject.
560811	5/2	To Anacostia via CO 26	Transmits letters patent-granted on April application for which was prosecuted by Bureau W
561187	5/3	To J H Miller Bu Stand	Combined inductance coil and condenser for Amplifiers W
561521	4/26	H. Pratt	J. H. Miller was rough draft of patent application. 5/7 W To J. H. Miller 5/20 W was affidavit re to patent controversy between Army Dept and Fed. Tele. Co. 5/7 W Fed. Tele. Co. 5/7 W To H Pratt- 5-21
5612072	4/28	Independant Wireless	T/Co. Takes stand that they have every right granted from license of Navy Dept. W/
568554	5-7	To Attorney General	Commends Dept of Justice E.G. Curtis as representative work in conn patent litigation for past two years. W Atty General 5/13 W Fed Asst Sec 5-20
559292	see card 48		
555211	FROM CARD 45		Radio coron of America-R st data on Clark & Hooper case on radio antenna. 5/19 W To Radio Cor'n 5/19 W

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Number.	Date.	From or To—	Subject.
554053	3/25	A. Serna	Subm sketches of electrical device for possible use in radio. W. To — Gives inform 5/31
554492	3/26	E.C. Hanson	In conn with using long wave lengths for maintaining wireless communication to and from Submarines and controlling torpedoes, wireless for aircraft battle etc. Ask if patent satisf. W. 791
555113	4/1	Solicitor	Fwds copy of contract 1541-A with Fed. Tele. Co. whereby all rights in Fed. Co. patents transferred to Govt by contract of 5/15/18 or resold to Co. W.
555211	4/2	Radio Corpn America	Fwds licence agreement of Hooper-Clark also separate endorsement giving assent of Radio Corpn to the licence improvements in receiving. W.
TO CARD 46	4/2	Radio Corpn America	To S&A. Request check as listed be fwded 4/26
558769	5/9	Radio Corpn America	Request pay final fee for patent of L. Merritt on submarine sound detector. W. 797
555128	4/8	Ordin	
555882	see card 46		

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Number.	Date.	From or To—	Subject.
544506	FROM CARD 42		Boston- Fwds copies of licence by W. B. Burgess. 4/5 W. To Boston via Comit- Regst all evidence including notes be furn which would tend to show conception of invention prior to Aug 19 1919 4/9 To W.B.Burgess-fwds action from Patent examiner-regt info-3;2-W
459105	SEE CARD 27		To Lt W A Eaton via Comit- Fwds cc of license 4/5 W To Westinghouse Fwds cc of amendment 4/5 To W A Eaton via CC-Fwds amendment of application 11/25 To Westinghouse Elec & Mfg Co- rel amendment of 11/25 To Westinghouse Co- Fwds cc of action 2/16 To W A Eaton via CC-Fwds cc of action 2/16 To Westinghouse Co- Regst comment 4/8 To Westinghouse Co Fwds cc Amendment 4/19 To W A Eaton via CC OHIO Fwds CC of Amendment 4/19
544608	FROM CARD 42		Bur Stand. Lbr. Fwds license signed by J. N. Miller. 4/6 W To- via Lbr. Fwds cc of action 2/14 To J. N. Miller via O. Lbr. cc of standards- Fwds cc of application 6/22

Number.	Date.	From or To—	Subject.
551472	??	??	Licence by A. H. Payler to Govt to use invention of useful improvements in radio receiving circuit. W.
551630	9/1/20	Knight Bros	Fwds report on Schlasmilch and Van Brunk patent cov means for receiving electrical oscillators. W.
512911	8/24	To Fed Tel Co	Reqst fwd resume of status of radio patent 876 applications. W Fwds status of patent applications not yet allowed. 10/L
551974	3/18	To Commissioner of patents	Fwds specens claims and plans forming application filed by James E Parker for improvements in systems of modifications. 1 To S&A. Reqst check ser \$15.00 be fwded Comm of patents - 3/19
552679	3-19	G.J.Mar	Reqst certain information rel to the Federal Tel Co contract with the Govt. C To — Gives inform 3/21
552674	3/21	A. Crossley	Request obtain patent for protecting device for kite balloon. W.
59		To Patent	Offl S&A Application papers 1/11/22
552737	3/18	Cdr. G. C. Sweet	Offl check to fwded 1/1/22 Fed. Tele. Co. sold all patents etc to Navy Dept retaining only a right to manufacture. C.

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Number.	Date.	From or To	Subject.
552501	3/22	To Glenn W Carpenter To G W Carpenter 5/23	Fwds smooth draft of proposed patent application for liquid rectifier; specens and plans will be fwded at later date W G. W. Carpenter - Fwds patent application for liquid rectifier. 5/16 W Fwds request of H. E. Reppert for patent on concentric variable condenser adjustment W To H. Reppert via Washn - Fwds specens 5/6 -RB 5/10 from Wash Yard W To patent Office - Fwds application papers with plans of letters Hugh E Reppert 6/15/22 To S.A. - rel invoice 6/15/22
552967	3/22	Washington	
FWD TO CARD 66			
553089	3/24	To Edward T Jones	Fwds patent granted on march 22 application for which was prosecuted by En on your behalf W E. T. Jones - 3/28 W.
553616	3/24	Ordn.	Patent application of P. W. Bridgman cov vibration absorbing lounting -rqst arrange for payment of fee. D. To Ordn Fwds cc ang let 4/2 4/5
553881	3/23	Emery Varney Blair	Hognat Fwds copies of correspondence between National Elec. Sup Co. and Wireless Specialty Apprs. Co. rel to compensation charge for Johnson's services. W.
553091	3/26	To G E Company To GE Co Gives Inform r/5 To Ramsey Houget Gives Inform	Fwds cc of let to Western elec Co re number of patent interferences involving sound signaling and sub detection apparatus W To Co. - Suggest conference be post poned. 3/31 W To Harvard Univ Dr G W Pierce Gives Inform 4/5
553090	3/24	To Western Elec Co	Suggest conference be had at time of Comdr Hooper visit to Bureau cc Ramsay Houget W Western Elec. Co. 3/31 W.

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Number.	Date.	From or To--	Subject.
548640	2/14 2/23	Cost Inscr Fed. S&A	Cost of assigning patents- fws contractors letter with statement of charges for services rel to payments of patents pertaining to US Govt. W. fwd Sol 3-7 RB 4/15 W. fwd S&A 4/20
548384	3-3	To G. W. Carpenter via Comdt Washn	Reqt return of paper enclosed, with comments or suggestions W Washn.- fws rough draft of specifics and claims in proposed patent application. 3/11 W
549397	3-5	To R. Smith Army & Navy Patent Bd.,	Reqt furnish copy of patent issued to H.J. Round, on 2/15/21 W
549204	11/23/22	To S&A	Payment of final fee of 20 on applicatio of H. Kitchen W H
549408	3-7	To Comdr Hooper	To H. Kitchen via CO UTAH- fws patent 1/5/23 fws copies of licenses for signature and return to Bureau W To -- fws co license 3/23
549205	3-8	To Patent Office	Reqt drawings of Hooper and Clark for radio rec antenna be corrected without charge W To H.H/Clark- fws papers 3-11 Radio Corp America- will fws new agreement. 3/14 W
550506	3-9	To C.J. Mar	To Comm of pate nts Gives instrns 3/24 Comments in re letter of March 5th asking information as to patents and shore stations of Fed Tel Co. C
391836	3-9	To Comdr Taylor	fws papers for execution and return to Bureau W To S&A: Gives instrns 3/23 To Patent Office fws license 5-10-21

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Number.	Date.	From or To—	Subject.
550029	3-9	To Secty	Acceptance of licenses from A. Crossley.
46		To Dept Fwds licensed 3/23RB 4/30	To Sec- 3-12 acceptance of licenses
		To Solicitor Fwds license 4/2	of Comdr Hooper CD Palmer and A.M. Froger
550573	3/8	To Solicitor Fwds cc license 4/12; 9-7	Solicitor Record accep 3/19 RB 3/24 W
		H. W. Johnson	To Solicitor Fwds cc of licenses 3/25 RB 5/18 W
			and rough draft of contract revising and
			interpreting agreement between Navy Dept
			and Fed. Tele. Co. with detailed comments on. W
			To Regt cc license 3/18/22
55067	3/8	Radio Corps America	Fwds papers in case of Clark & Allen on 919
			radio compass correcting devices. W
			To George Y Allen Fwds cc of sp cens and
			claims 3/23
551139	2/28	Stuart Ballentine	Suggest Govt. take out patent on his am-
		Dept. Fwds correspondence for	plifier for use with radio compass. W.
		recommendations. 5/7	To 3-14
		Fwd Sept 7/2 RB 7/11	To Gives inform 4/5
		Dept of State 6/7	S. Ballentine-Subm comments requested. 3/15 W
551099	??	??	Licence by G. T. Jones cov use of underground
			and water water systems. W.
550752	3-12	To Patent Office	Fwds specifi. claims and drawing forming appin
		To G H Clark Fwds cc of	of G.Y. Allen and G.H. Clark- W
		license 4/29/22	To 3-12 4/5
551314	3/10	To G Y Allen Fwds cc license 4/29	To Dept. Fwds copies of license 4/7/22
		Nav. Attache Copenhagen	Copy- Request look up U.S. Patent cov
			cryptophene invented by Tigerstedt -advise
			if interested in purchase. W.
551190	3/12	J. M. Miller	Fwds description of new type of amplifier
			or shore radio valves- reqt patent be obtained. W
551317	3/7	YY	Cpy of licence by W. J. Scott cov use of
			claraphene by Govt. W.

Number.	Date.	From or To—	Subject.
549155	1923. JUL 41	To G. W. Carpenter — Fwds amendment of improvement 1/3/23	To Washn. — request investigation? problem 102 2/5 To G. W. Carpenter 3-9 Washn. Fwds license from G. W. Carpenter. 3/19 W Patent 2/18 To G. W. Carpenter — comments re 2-25 W Fwds patent, granted on 2/1/21 W H. Pratt 2/12 W.
543991	2-4	To Haraden Pratt	
544605	2-4	To Mare isln	In conn M.I. special report 8 of October 20 1920 — Bur considers involving patentable matter, and reqst individ make reqst for
544607	2-4	To Lt W.A. Eaton	Fwds patent application of yourself and B.R. Cummings — for signal re W
48 card		To S&A Reqst Check as listed be fwded 4/20	Washn. Fwds patent application of Lt. W.A. Leaton and B.R. Cummings. 4/11 W
544608	2-4	To Lt Eaton via Washn Fwds specn and plans 4/20	Comm of Patents Fwds Specn 4/20
TO CARD		To Dr J.M. Miller Bureau of Standards	Fwds draft of patent application for Universal amplifier. Reqst comments. W
45		J.M. Miller — Fwds description of application 2/14	J.M. Miller — Fwds revised draft of patent application 2/14
544027	2-7	To independent Wireless Tel Co	Fwds cop of contract between U S and Fed Co as reqst 1 letter of 1/31 W Independent Wireless T Co. — 2/24 W.
544505	2-4	To W. B. Burgess via Comdt Boston	Fwds draft of patent application for compass for radio compasses, for signature W Boston — Fwds prints 2/17 W.
545211	2-10	To Warren Burg via Boston Fwds To W L. Carlson via Cat Washn	To W B Burgess fws 2-23 W. Reqst description of invention W Washn. Fwds further description of invention. 3/2 W
543348	2-14	To Secty	To via Washn. — gives f 4/7/23
		To Sec 2-14	Detailed comments in re claim of R.A. Fessenden for remuneration covering amount expended in developing inventions used by Government W
		To Sec suggest Prof F be advised claim should be made to War Dept 2/14	To Sec returns folders and exhibits 2-14

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Number.	Date.	From or To—	Subject.
REQN 354/21	2-12	To SEA	Re: payment application of A. H. Taylor and I. C. Young WR
REQN 12/21	2-12	To SEA	Re: payment application E. T. Jones. WR
517573	FROM CARD 38		Knicht Bros- Subm status of situation. 12/28/20 W.
545464	2-15	To Prof Ernest Merritt Cornell University	Fwds draft of proposed patent application for method of and means for determining phase difference. W
card 49	To- 6/9		M. Merritt- Comments. 5/12 W
14	E Merritt-		To E Merritt 6-1
patent app	lications 6/21		To Patent Office 6-24
548224	2/18	To SEA 5/24	To Prof Merritt 6/24
	2/24	Fed. Tele. Co. Dept	Request authority to examine license granted by Dept to Westinghouse E/M Co. covering patent inventions of Fed. Tele. Co. contract 2/15/18. between Navy Dept, Poulsen Wireless Corp and Federal Tele. Co. W.
			Two Rel 2-25
548343	2/18	Chasn.	Fwds copy of description of method for obtaining radio frequency interrupted at musical frequency by means of a vacuum tube supplied from a low frequency alternating current source, by J. M. C. Clausen; ask if patent can be secured. W.
Chasn- fws. re. art of L. M. E. Clossing			To Chasn via Comdt Req. t for search of patentability W 4/1
cov. applicat. on of vacuum tube for radio trans. mitter system. 5/17 W.			To Chasn via Comdt Gives Inform 4/2
To Comdt Chasn 6/23			
To Comdt Wash- 6/25			
Washn- fws. correspondence in conn with most of Clausen for patent on improvement in spark tube transmitters. 7/25 W			

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Number.	Date.	From or To—	Subject.	
535393	12-21	To Naval Intelligence	Reest info re method of British government in settling claims to patent government in interest of radio patents.	W
ENC 12	12-21	To SNA	To Interdepartmental Radio Bd fnds copy payment of \$20.00 final fee for issuance of patent to H. Pratt of Radio Telephone Receiver System/ application filed 7/21/19 allowed 10/22/20 W-R	
535365	1-23	To Key West (T)	Reest inform re receipt of Radio Wave changer shipped from Wash. to Key West W.	
537136	12-31	To Secty	Reest auth to instruct officers attend in conn with proposed act H-R 11984- W	
537699	1-3/21	To Lt Eaton via Capt Washington	Reest fnds copy of letter to Chairman of Comm on patents requesting Navy representative be allowed to submit inform to Senate and House conferees. Fnds draft of proposed patent application of yourself and E.R. Cummings. SB 1-17	W
538769	1-8	To G.H. Clark	Reest expedite return of papers in conn with patent of yourself and C. H. Mosper, also To G.H. Clark 1-13 To G.H.C. 1-25	
538778	1-10	To Alex Chessin	Reest fnd letter in conn patent extended to Dr Owens W.	
		To A. Chessin 2-11-21	A Chessin- 2/14 W	
		Crawford Mach Tool Co/ 2/17 W		

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PATENT RADIO

Number.	Date.	From or To—	Subject.	
539155	1/8	Gen W. Carpenter	Applies for patents to cover utilizing	
42	1/8	Washington	high voltage alternating current for plate	
539862	1-14	To E. J. Kelly Radio Corp.	also efficient supply of vacuum tubes.	
		To E. J. Kelly Radio Corp.	In conn with testimony given by navy	SS
		To E. J. Kelly Radio Corp.	personnel in patent litigation. W	
		To E. J. Kelly Radio Corp.	To Messrs D. Rhy & D. Rhy— ditto 1-15 SS	
540376	1-14	To E. J. Kelly Radio Corp.	Sends copies of letters rel to patent situation	
		To E. J. Kelly Radio Corp.	as re: st phone conversation W	
ENG 356/30	1-22	To S&A	Rel payment on application of Charn Speaker. WR	
542585	1/13	G. H. Clark	Patent for multiple tuning of receiving	
		G. H. Clark	and trans- states claim on Dr. J. S. patent covers	
		G. H. Clark	also 2-11-13 only and does not conflict with	
ENG 12/21	1-30	To S&A	Payment of 15/00 filing fee on application	
		To S&A	of A Crossley WR	
		To S&A	To 3-7	
542326	3-12	EC Hanson	Complains against naval authorities at	876
		EC Hanson	M is mutilating his radio note book.	

PATENTS: RADIO:

Number.	Date.	From or To—	Subject.
531233	11:23	Washn	Revs request of W. L. Carlson for patent on method of modulating signals in and radio receiving circuit submitting drawings and description. To Patent Office Washington via Washn revs copy of license 5/20 RB 6/14 W 7/22
531130	?	?	
531129	?	?	Report on validity of patent of H. J. Hanson on wireless transmission energy. W.
531474	11/27	A. L. Young	Wave length indicating device— for wave meters— request patent. W. Rev Comdt Wash 11/29 RB 12/11 W Rev Sec 12/21 RB 12/28 W
531453	11-27	To W.B. Burgess	Revs draft of specs and claims in patent application for radio compass compensators. W
532150	11:26	Fed Tel Co	Gives numbers of letters patent issued to company. W. Revs by Mr. Hooper to assignment of patent of employees of Fed. Tele. Co. to A. L. Young.
531968	11/22	Cdr. A. H. Taylor-	Application for patent on system of continuous wave reception without heterodyne— Revs print showing arrangement of. W.
532235	12-2	To Haraden Pratt	Revs drawings in patent application for methods of radio telegraphic communication W. To H. Pratt 3-9 H. Pratt— Revs executed licenses 3/21 W Re— Revs cc licenses 4/12

Number.	Date.	From or To	Subject.	
532108	12-6	To Morton Arandt	Fwds new specification- re st return with signature W	
534033	12/2	Pennie, Davis, Marvin and Edwards.	Fwd. substitute power of Atty in matter of Prof. Hazeltine application for "Method and Electric Circuit Arrangement for Centralizing Capacity coupling" W.	
534329	12-13	To Sect e-2/1	Fwds copies of license by H Pratt. W To Patent Office reqst license be recorded 1-21 To Herdan Pratt, Fwds copy 1-21	
534566	12-14	To Naval Observatory	Fwds data on drift correction device subm by J. Dugan To J Dugan 12/14	W
533608	12-14	To Capt Wash ERROR	Reqst yard transmit on schedule outlined etc see 898 card	
ENG 12	12/13	To S&A	Fwds invoice reqst payment H Pratt radio telegraphic communication WR	
532991	12/4	Hammond Lehr	Fwds patent application showing proposed method of control of aircraft by radio.	918
535181	12/16	Jefffield & Betts	(7) Request turn authority for inspection of apparatus at yard. To ... 12/17	
535584	12/10	Pennie Davis Marvin Edwards	Acknowledges receipt of signed substitute power of Atty in matter of application of Prof. H. H. Hazeltine.	

PATENTS RADIO

Number.	Date.	From or To—	Subject.
✓ 525090	10/9	Airship Detach. Eng.	Rwds request pf Lt. M. H. Esterly for patent on loop aerial system. W.
✓ 525114	10-29	To J H Clark	Reest sign petition and specims enclosed in exec te To Radio Corp of Amer. S Rws Amendment 1/16/23
525733	11-2	To Nav Intel	Austrian patents to Nick Sender, covering method of tele. in sketches photos and hand writing- reqst secure copies Dept- 1/13 W.
527151	11-3	To Ramsay Hoguet T	Change of conference to Friday 10 AM satis W
526071	10-27	Emery, Varney, Blair & Hoguit	Request conference and immediate assistance in conn with several cases turned over to them; W
✓ 526777	11-1	A. Crossley	Request for patent application on receiving apparatus for radio piloting cable and similar use; S
✓ 527604	11-8	To G. H. Clark Westinghouse E/H Co. 3/4 W	Rws cc. of proposed patent application to G. H. Clark for improvements in compass correcting devices- ✓ To G Y Allen- asks rel application 3/2
528251	11-10	To Haraden Pratt	Rws patent application papers for signature W H. Pratt- Refrains papers properly executed. 11/10

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Number.	Date.	From or To—	Subject.	
528270	11-12	To H. Arendt Columbia University	Fwds papers in conn w proposed patent application of yourself and Lt. Jockey, for submarine communication systems. Cur. M. Arendt—Recommendations covering changes in patent application. 11/15 W.	W
528264	11-12	To Cuthell, White, Hotchkiss & Mills Cuthell White Hotchkiss & Mills— 12/2 W.	Cannot recommend to Dept expenditure of funds in excess of agreement with N. Sandor for appr.. Gives comments on case. Cuthell, White, Hotchkiss & Mills—Sabra comments on proposed contract. 11/19 W.	W
528263	11-12	To L. Wilson. C/o British & Canadian Society	To former decision added to 11/29 Suggests Mr. Rogers and representatives meet with Dept of Justice in order to make settlement of patent interference of Willoughby & Lowell vs Rogers.	W
529644	11-17	To E. T. Jones To E. T. Jones 3-8-21 To— Fwds cc of license 3/29/21 To Com. Patents Fwds cc license 4/1/21	Will keep you advised on progress of action taken by patent office on application E. T. Jones—Compares Rogers and Hewitt systems. 11/15 W	W
530318	11/17 12/4	Internatl R/T Co. Internatl R/T Co. Rqst assistance To Internatl Co 12/9	License granted by E. T. Jones covering improvements in underground antenna. W. ask if Navy has on hand a receiving set of early type in conn with interference proceeding with T. G. Clark. Fwd Washn 11/23 RB 11/30 W. To Internatl Co 12/2 RB 1-12/21	W
523723	11/12	To Dept	Rqst authority to employ Mr. R. Hoquet at \$100 per day as council in securing patents for inv. employees, in Navy fine detector. Refer under to Dept. by Chief, Secty ruled that policy in securing patents for Navy Dept. employees.	797.
530776	11/22	Sherfield & Betts— Secty 11/26 see 896-1 also	Request P. S. Finney, Gunn. Navy Yard to be authorized to give testimony in conn with patent interference Bill C. Ark vs L. Venetian.	W

INVENTIONS: RADIO

1926

Number.	Date.	From or To—	Subject.
515826	9-9	To Louis Cohen.	Acknow copy of patent application. Action being taken to investigate this type of apparatus. (See 510007)
Recn 12	9/10	To S&A	Rel payment of filing fees for filing patent applications to Government inventors.
515558	9/14	To R Hought	Returns copy of agreement in re license for Dub Co. W
517573 TO CARD	9-18	To Telefunken Berlin	(T) Knight Bros have not recd 4 certified German applications in Arco Meissner interference. Please send additional certified applications at once.
2	To Knight Bros 12/2		To Knight Bros 9/20 (T)
12/6	Knight Bros-Rqst further instrns.		To Telefunken (T) 9-25
517998	9-20	To Knight Bros 12/13	Advise re patent issued to H.F. Elliott assigned to Augustus Taylor W
		To Fed Tel Co	Fed. Tel Co 9/25
			To--Re discrepancies in assignment patents. 11/27
			Fed Tel Co Gives reason for assignment. 12/23
			To Fed Co--Rel to assignment. 2/14/21
517997	9-20	To Knight Bros.	Acknow copy of decision in re Meissner vs Papin & Armstrong.
			To Knight Bros 9-27
			Knight Bros.-Fwd Meissner's Brief on appeal. 5/20
467027	(from card 28)		To Knight Bros 5-24
			Lovengstein Co; have no license under Halberg patent; W 9-16.
			fwd Sec 9/23 RB 10/18 approved. W.

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Number.	Date.	From or To—	Subject.
✓ 518014	9-21	To Comdt 3rd Dist	Reqst permission for visit to Sayville of E.W. Vaille. W copy 3rd Dist and CO To G.H. Clark, C/o Radio Corpn. rel above 9/21 To E W Vaille rel above 9/21
518438	9-23	To Alfred Crossley	Amendment in patent application on antenna cable. filed 6/24-19 Fwds W
✓ 519126	9/23	Chas. Speaker	Patent application for reduction of harmonic in oscillating room, heterodyne receivers. W. To Charles Speaker via Comdt Washn- Gives info on 9/15
✓ 520021	9-30	To Knight Bros	Fwds com from Patent Off rel VON BERGO et al vs Knight Bros. W To Knight Bros 10/8
520972	10/4	Sturtevant and Mason	Knight Bros. Call atten to discovery of new evidence. 10/5 Are willing to disclose subject matter of letters patent of Cpt. Robinson, gov improvement in radio direction finder. W. 919.
521118	10/4	Dept.	Fwds copy of agreement with Internatl R/C/Co. in conn with exchange of licences on radio patent. W fwd Sec 10/8
523145	10/1	Solicitor	Re: ... to war lost in conn with exchange of licences on radio patents be- tween Internatl R/C/Co. and United States. W.

Number.	Date.	From or To—	Subject.	
✓ 509398	8/2	GE Co.	Acknowledges receipt of contract; request amendments To G.E. Co. 8/5 modification was never consummated. W	
✓ 509274	8/5	Washington	Fwds patent application of G. W. Carpenter in conn with receiving radio signals by means of telegraphone. To G.W. Carpenter. acknow 8/11	
510007 see 515826	8/3	L. Cohen	Fwds copy of patent application covering improvements in loop circuit reception. To Amcostia. rel above 9/11: RB 9-18; W	W.
508662	8/2	To Secty via Sol	Radio telegraph— proposed contract between 875 International Radio Co and government for exchange of licenses under radio patents. W	
✓ 510881	8/1	Solicitor	Fwds copy of contract 2987 with International R.R. Co. for R.R. to conduct radio operative and material business. W	
457795 old number see 898 Amer R & R Corp; 10-28. W Westinghouse E/M Co. 8/10 W	8-13 8/7793 8/10 8/10 W	To Westinghouse EM Co	Copy of specfns and your E Pitts works To Pitts. request 8/19 can submit for tests American R & R Corp— Suggest conference for developing plan of procedure. 9/25 W	W
512640	8/16	Radio Corp of America.	Request list of all foreign patents. To Radio Corp. 8/21	W.

PATENTS RADIO

Number.	Date.	From or To—	Subject.
513835	8/22	E. T. Jones	Asks status of his patent on underground coll. W. To: 8/27
513609	8-27	To Secty To Mr. Cohen: 9/9/20 To Internatl. Tel. Co. rel action To Internatl. Tel. Co. 9/9 To Fed. Tel. Co. 9/24 To S&A	Radio patents owned by government, or which the government has licensed. To Westinghouse EM Co. Ends co. lcs of agreement between Internatl. Tel. Co. & Westinghouse. 8/28 International Radio Tel. Co. lists addtl patents that should be added-9:3 Rel. payment of filing fee for patent application of A.H. Taylor. W
513610	8-28	To Secty War	Proposed contr. ct between Amer Tel & Telegraph Co. and U.S. Reqt expedite action. W War Dept- Acknowledges. 9/3
REFM 51/629	8-30	To Patent Office	Ends invoice covering patent fees on the application of Chas. E. Fraser, for new and useful improvements on scutis. Mc
514074	8/25	H. W. Dorsey Bur Stand Labb Subm specifications covering commutating device: 10/22	Gives information on invention for arc and commutation and pressure rectifier. H. W. Dorsey Subm outline proposed work to be undertaken by Bur Stand. 9/2 W To Bur Standards 10/17/20
515823	9-9	To Fed Tel Co.	Representative of Co may examine records at office of Knight Bros in re to interference in application of German patent purchased by govt from Alien Property Custodian. W

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Number.	Date.	From or To—	Subject.	
500486	6-21	To Direc Nav Intell	Earl C. Hanson, recd authority to discuss inventions with Chilean Embassy. - W Nav. intelligence- copy of action to Chilean Embassy. 5/23 W	
500674	6/17	M. R. Hutchison	Messrs. Meyers & Sutherlin leaving for Washington to install Hall relay and recorder in room 2428; will also investigate securing patents, inventions by civilian personnel. W.	
497028	6-26	To S&A	Payment of \$30.00 filing fees on patent litigation of C. S. Leary on Wireless tel graph and telephone systems W R	
500894	6/29	To Philip Farmsworth Wireless Co	(1) Capt Hepburn arrive NY Wed. evening	632-1
49355	6/29	Amer D&H Corp	Fwded proposed draft of licensed agreement	W 629
503152	7/5	To Westinghouse Co	Returns lists of radio patents- W	
503518	7/6	Westinghouse E/L Co.	Ask if patent of W. Litz has been taken over by Allen property custodian. To Westinghouse. rel. patents 7/30	

Number.	Date.	From or To—	Subject.	
503890	7/7	Washington	Fwds request of Lt. W. A. Eaton, radio aid, and B. S. Cummings for patent covering method of chopping or interrupting continuous waves at an audio frequency.	
503990	7-9	To Wm. S. Webster	Fwds draft of proposed patent application for rheostats. Request execution and return. To W. S. Webster 5-9	W
			Re— Request instrument be returned 4/12	
E. C. R.	7-15	To SCA	Payment of 15.00 filing fee for patent application of Alfred Croxley on "Electrical Piloting Systems." WR	
505532	7/14	CO OHIO	Request of Gunner M. Kenny for patent on arc signal circuit. To M.K. suggests fwd data re: arc signaling circuit. 8/31/20	
505688	7/16	Dept	Under water wireless presented by E.E. Stogoff through O.W. Wiran- fwds full correspondence in connection with. W	875
507061	7/20	E. C/ Sweet	Has copy of letter read from Radio Power Corp. re: developments being made by it, and agreement with Navy Dept. W.	
508290	7-29	To Boston(T)	Authorize radio aid wheeler to break down mica condensers in testing in suit dup versus wireless.	W

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Number.	Date.	From or To—	Subject.	
495714	5/21	Independent Wireless Tele Co.	Asst Lt. Commander Loftin be authorized to give Co. technical advise. To— no objection— 5-25	7.
496128	5/24 5/25	Korf: Dept	Beneficial suggestions for ~~the~~ ^{the} bill covering 1-2-3 and 10 Ex. radio transformers. fwd Sec 8/21 RH 8/26 W.	
496552	5/26	Freeland Appr. Co.	Fwds copy of unpaid bill, covering royalties. W To S&A— fwds 6-2	
497026	6-3	To Comdr A. H. Taylor Anacostia Laboratory	Fwds draft of proposed patent application on radio receiving circuits. Request comments W Anacostia. Returns draft of proposed patent application. Same is satisf. 6/5 W.	
497028 see 36	5/28 Washn.	To W. L. Carlson— via Washn. fwsd copies for execution 3/7 Washn—fwds licence of W. L. Carlson.	3/19 W	
497025	6-3	To Wendell L. Carlson Radio Test Shop Washn	Fwds draft of patent application in conn with claims of yourself and G. W. Carpenter. Asks comments. W	
498948	6/9	J. B. Brady	Lists patent numbers which pertain to the system of relaying radio messages thru a circuit of radio stations	W.

Number.	Date.	From or To—	Subject.	
✓ 499949	6/14	Dept. of Justice	Comments on contemplated purchase by War Dept. of Krupp Patent covering construction of field gun.	W.
✓ 498954	6/22	Radio Division	Humorous comments in conn with patent issued to Mr. Dickard for method of melting sheet and rods from antennas.	W.
✓ 498504	6-12	To George H. Clark	Encs description subm by Capt Hopburn and yourself, as a basis for securing patent. Rejection on several ideas described therein. Request further data. W	
✓ 499161	6-14	To Lt J.E. Jocoy	Request and info in re to patent application W	
✓ 499167	6-15	To W. S. Webster Wireless Spec App Co.	Request fill out data sheet enclosed, covering proposed patent application, returnings same to Bureau W	
✓ 499168	6-15	To Lt Carlton D. Palmer Anacostia	Request return data sheet enclosed, covering proposed patent application W	
499162	6-15	To Morton Arendt	Request fill out enclosed application W	

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Number.	Date.	From or To—	Subject.	
✓ 489783	4-29	To Dubilier Cond Co	All records for navy records should be made To Solicitor, W. Co. 100 Brook To Comat L.Y. Rail phone conv. 4/29 cc DMO To Ramsey Hoguet are reqstg L.Y. deliver Dub condenser 6-4	
✓ 490668	4/29	Shipping Board Wireless Spec. Appr. Co. 5/26 W To Wireless Spec Co. -info rel Interdept Bd. 6-5	Fnds copy of letter from P. Farnsworth to Wireless Spec Appr. Co. in conn with infringe- ment of Company's patents To Wireless Spec Appr Co. c.o.y Ship Bd/ Calls attention to matter before Interdepartmental Radio Bd. Asks comments 5/11	
✓ 491433	5/6	To SEA	Fast check for \$15. be fwded to Commission- of Patents for payment of filing fee, in appli- cation of Alfred Crossley, invention of radio control apparatus.	WR
✓ 489781 TO CARD 67	5/5	To W.M. J. Woods.	Fwd's rough draft of proposed patent appli- cation. Rst fwd complete specifications. RB 5/15 W.	W.
✓ 492895	5-12	To R.P. May	Reqst fwd description of invention.	W
✓ 492894	3/15	To H.R. Eccleston	Confirms phone convn covering services appl of same - will place reqn in order contract will be made with you. W	
✓ 493222	5-13	To Radio Corpn	Confirms reqst tht trial of suit of Co vs Audiotron Co on Fleming patent be delayed pending negotiations of interdepartmental Bd.	W

Number.	Date.	From or To—	Subject.	
✓ 494167	5/18	To Haraden Pratt	Fwds copies of patents, request comments in re to your receiving systems appear to be patented over each of patents H. Pratt—Subm detailed inform rel to patents applied for. 6/8 W	W
SE 1561	5/17	To S&A	Requests paymt of invoices to Vreeland Apparatus Co. WB	
✓ 494741	5/19	H. C. Boehme	Have been appointed sole representative of Gesellschaft für Drahtlose Telegraphie of Berlin, with full power of attorney; first information rel to patents formally owned by Atlantic Communications Co. To H. C. Boehme— 5/29 W. H. C. Boehme— 5/29 W. To H. C. Boehme— 1-20-21	W.
✓ 494957	5/19	CC OHIO	Fwds report of Gunner M. Kenny with sketch showing signalling key for high power are sets. To CC OHIO via CC OHIO—advise details in re reduction to practice 5-25 and Comdt Washn 6-3 RB 6/16 W.	W.
✓ 494913	5-21	To G.H. Clark Radio Corporation of America	Fwds rough draft of specifications and claims in patent application of yourself and Comdr S.C. Hooper for radio antennae. Request comments. W To request review and return with comments 7/9	W.
✓ 496390	5/22	J. W. Miller	Fwds description of new system for amplification of electrical oscillation of high frequency.	W.

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Number.	Date.	From or To—	Subject.
486510	4-12	To S&A	Status of radio contracts- patent situation Regt fwd- Lists W RB 4/16 giving status of contracts. W
486511	4-12	To S&A	Regt fwd info in re to status of radio contracts, patent situation. W RB 4/27 W.
486512	4-12	To D.N.I. <i>32</i>	Regt translation made of German patent relating to radio telegraphy enclosed. W RB 4/24 W.
486307	4-19	To C.S. Speaker Bureau Standards	Fwds specifics and claims of applications for patents. Regt comments. W C Speaker- Details comments on. 4/23 W To C Speaker 3-9-21 Washn- Fwds addtl patent instruments. 3/15 W To C Speaker- Fwds amendment 1/16/23
486315	4-20	To S&A	Regt photostat copies of correspondence W SEA 4/22 W
486316	4-22	To Wireless Elec Appr Wireless Elec. & Pr. Co. 5/14 W	Co Asks what privileges you are prepared to grant Dept in return for continued use of Bureau designs in mfg of radio apparatus W Wireless Elec. & Pr. Co. have eliminated claims to patented inventions. 4/28 W
486756	4-21	To G.C. Sweet Engr Radio Power Corp	To- comments on letter of 4/28 5/12 If interests will allow will discuss proposal in re to apparatus. A 920-1 To G.C. S. 4/22 confirmation of understanding of conference on 4/21 gives summary

PATENTS; RADIO

Number.	Date.	From or To—	Subject.
✓ 488317	4-23	To G.Y. Allen	Fwds draft of specification and claims of yourself and G.H. Clark, for radio compass correcting device. Request more data on W
✓ 489145	4-24	To Ramsey Hogue	Request conference in re to litigation by Marconi Co under Fleming valve patent and involving Audiotron mfg by Audiotron Sales Co in California. W
✓ 489782	4/28	To Fed. Tele. Co.	Rest inform as to consideration given Fessenden patent during period Fed Co/ operated stations where signals were trans. by change of frequency. Secured by induction shut key. W. Fed. Tele. Co. 5/26 W
446388	FROM CARD 26		Benj. Weissner, Will be in Pensacola, latter part of May. 4/27 W. To Pensac- request be allowed make examination of records 4-29 To B.F. M. re above 4-29

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Number.	Date.	From or To	Subject.	
480932	3/9	E. C. Hanson	High speed telegraphone transmitting system- subm information in conn with, with drawings. W	
✓ 481987	3-17	To Attorney General	Reqst your Dept take over defense of inter- ference in patent to George Von Arco and Alexander Meissner, placed in interference with application of Edwin H. Armstrong, for wireless receiving systems for continuous waves. Fwd Secty via Sol 3/20 RB 3/30, with copy of cover of Atty. W. To Dept Justice 1-25-1921- suggestions.	
482107	3-12 3-18	Dept of Justice Dept	Submarine radio loops; request correspon- dence and job orders covering installation of old submarine;	907
✓ 481995	3/19	N Lond Sub Base T	To N.L. (T) reqst copies 3/18 No record of job orders.- New Lond. Sub Base 3/19	
✓ 482000	3/20	To G.H. Clark	Reqst form be filled in, rel application for patent. W	
483351	3/23	Solicitor	General transmission Co.'s claim of composition under Solid radio patent - request full inform in conn with. To Solicitor- detailed comments on 3/31 W.	
483352	3/23	Solicitor	Wreeland apparatus claim for Royalty under patent - request full information in conn with. To Sol 4/2 W.	

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Number.	Date.	From or To—	Subject.
483858	3-29	To S&A	Request public bill be prepared for \$30 covering filing fee of two applications for patent (E.H. Loftin and Henry Lyon) Request
55	3/29 /21	To H H Lyon Fwds cc of licenses	To H H Lyon-- Fwds instruments conveying to U.S. Govt an interest in and to improvements in radio signaling system- 3/10/21 W cross to
484766	4-3	To C.V. Edwards	Request expedite testimony of Capt Heppburn and Lt Eaton at N.Y. in re case of Marconi vs DeForest. Advise if March 12th definite date for consultation. Search being made for test of two electrode Fleming valve ref letter.
	as to date 4-8	Edwards, Sager and Bower Co. 4/10	Edward Sager and Bower - Request Capt. A.J. Heppburn and Lt. W. J. Eaton appear 4/27-28. 4/6 W.
447184	FROM 29		To C.V. Edwards- will make arrangements for Capt Heppburn and Lt Eaton- request notice to Telefunken Co (T)- Request and affidavit to Knight Bros in re to filing application of Meissner patent etc. 4/6
	Fed. Tele. Co. 1/5		Knights Bros- failure to file Meissner application was due to war. 4/5 W.
	To Red Co 1-18-21- will return contr later W		Fed. Tel. Co. - returns copy of contract 4/7-W
	To Knight Bros 1-19-21		To Knight Bros. fws copy of contract 4/10
	To Red Tel Co 5-7		To Telefunken Co (T) send affidavits 4-15
card 55			To Red Co. acknowledge receipt of original contract of employment of Dr DeForest by Co 4-15
			Knights Bros- 4/13 W.
			Fed. Tele. Co. 6/16 W.
			To Red. returns copy of contract 7/1
			To Knight Bros. 1-11-21- asks if finished with contract issued W
485858	4-7	Fwd Interdept Radio Bd	Vreeland Apparatus Co. General Transmission Co. claims to royalty under patents Nos 1,239,852 and 1,216,615- Request action W
			To-- JAG- fws license 9/22/22
486086	4-7	To G.H. Clark	Fwds form for filing application. Asks address of G.Y. Allen. W
			To G.T. Anderson fws form 4-7
			To G.Y. Allen fws 4-7
			Washington Co. fws date sheet. 4/14 W

N.S.E. Form 134.

PATENTS: RADIO

1920

Number.	Date.	From or To	Subject.	
✓ 477598	2/25	To G.Y. Allen	Reqt enclosed form be filled out. W Westinghouse 3/E Co. 2/26	
✓ 477599	2/25	To G.H. Clark	Reqt enclosed form be filled out	W
✓ 477600	2/25	To C. T. Anderson	Reqt enclosed form be filled out C. T. Anderson- Fwds patent data sheet.	W 20 W
✓ 477601	2/25	To W.L. Carlson	Reqt enclosed form be filled out.	W
✓ 477602	2/25	To G. W. Carpenter	Reqt enclosed form be filled out	W
✓ 477605	2/25	To W.S. WEBSTER	Reqt enclosed form be filled out RE 3/2	W
✓ 477940	2/25	To Chas Speaker	Reqt enclosed form be filled out Bur Standards Research Labr. Fwds data sheet To C. Speaker via Washn- Fwds amendment 1/16/23	W 2/29
✓ 477941	2/25	To H.H. Lyon	Reqt enclosed form be filled out	W

PATENTS: RADIO

Number.	Date.	From or To—	Subject.	
✓ 477945	2/25	To Comdt N.Y. To Comdt NY- reqst fwd data 3/31 copy DRM O Brook	Permission for G.H. Clark to examine records for data on development of wave changes, for use in pending patent interference case. W copy DRMO N.Y. To G.H. Clark- rel above 2/25 fwd drawings. 4/25 W. To War Dept- fwd copy letter in re ARKANSAS 4-12 To H.C. Massie- rel to testimony to be taken 4-16	
478462	2/23	Cdr. E. H. Leftin	In conn with furnishing Dept of Justice agents copy of letters and other records rel to cases.	W
✓ 478694	3/3	To Ramsey Hoguet (T)	Cdr. Taylor available with all written records Wash conference. Consider it advisable in view of short time that arrangements be made interview him Friday or Sat here in Washington. W To Ramsey Hoguet (T) 3/8	
480014	2/24	W. A. Eaton	Lowenstein patent #1,322,315, for stabilizing of arc transmitters; request privilege of using. W To F. Lowenstein. asks comments. 3/6	
479024	3/6	To G.H. Clarke	Reqst return of correspondence to Bureau on subject of condensers and protective devices for use in pending patent litigation. W G. H. Clark - all files belonging to Bu. have been returned - W 3/18	

PATENTS

Number.	Date.	From or To--	Subject.	
✓ 475677.	2/12	Earl Hanson & Wendell Carlson	Fwds drawings and description of new system for reception.	W.
	2/27	Anacostia - Returns correspondence	To Anacostia- reqst investigation of method copy Cut Wash	2/24
			To E. C. Hanson- 2/26	
✓ 475683	2/14	To W.E. Woods Manhattan Elec Sup Co.	Reqst fwd form enclosed, in re to application of patent dated 8/6/19- W RB 2/19	
476467	2/3	Pearl Harbor	Fwds suggestions for eliminating of arc much interference of radio receiving circuits- C.D. Andrews application for patent - fws. W	908
476631	2/17	Ordn	Fwds licence of prof. A.P. Willis, trans- ferring interest in application for patent on Submarine receiving apparatus. W	797
477101	2/13	W. S. Jackson	Request information rel to title conditions of patent file by Van Arco and Kelsner, assigned to Gesellschaft Co., Berlin. To- recorded assignment in due form 2/20	W.
✓ 477072	2/20	To Cdt Mare Island	Fwds drawings, in connection with installn of force tune radio system on battleships. To Pacific Fleet- fws drwgs 2/20	W
477084	2/20	To E.R. Cram	(T) Advise immediately title and date of publicatio containing article by Dr. Borkhausen, on tuned interrupter circuits.	W

PATENTS

Number,	Date,	From or To—	Subject.	
477081	2/21	To R.P. May	Reqt fill out form enclosed.	W
43722	2/18	Shipping Bd	ask what progress has been secured by Navy in securing adjustment of patent situation covering audio control books - 3	629
477318	2/24	To Haraden Pratt	Reqt fill out form enclosed. H. Pratt. Fwds blank filled out 3/2	W
477772	2/21	Solicitor	Dept contract 2793 cov payment of royalty to Vreeland Appr.Co.- fwds copy of wigh correspondence	W /
476991	2/18	Shipping Board	Fwds copy of letter from Wireless Spec Appr Co in which it is claimed that radio apprs on shipping bd vessels infringes certain patents owned by that company. to Shipping Board 2/21. W	771-2

PATENTS:

1920

Number.	Date.	From or To--	Subject.
468763	1-13	To Anacostia	Patent situation of stray reducing circuit. fws patents. W Anacostia fws sketches and copy of patent in connection with antenna loop barrage with reflector. 1/17 To Co. or Taylor. reqst fwd copies of letters to Bur 6-3
489154	1/14	Washington	Fws request of radio electrician, G. V. L. for patent on shielded telephone receiver circuit. W.
415441	FROM CAPD 15		orig. - Asks action taken on their letter of 8/19 rel to applications for patent. 1/15 To Radio Aides Hallborg and H.R. Miller via I.E. Norf. 1-24 Norf. 2/5 1920 To IM Norf 2/9
447184	1-20	To Fed Tel Co (T)	Reqs certified copies of all contracts of employment of Lee DeForest with the Fed Tel Co prior to contract dated 9-17th-12. W Fed Tel Co - 1/2 Fed. Telegraph Co - 1/26 To Fed Co 2/6
SEE 32 471404	1-22	Wright Bros 3/24 To Telefunken Co (T) 3/27 Knight Bros - Request original contract be furnished. 3/29 W. Knight Bros 3/26 W. To Fedl Co 3/31 1:22 Allen Custodian Marry Varney Blair - Hoguet-2/3 fwd secty via Sol 2/9	To Knight Bros. 3/23/20 copy Dept Justice Submits blanks for making formal claim covering expense involved in reassignment of Goldschmidt patent. W To Ramsey Hoguet. rel to reassignment of three Goldschmidt patents to Allen Prop Custodian 1/30
472055	1/28	Fwd Secty of Navy	Compensation for special technical work in accordance with Sec circular letter. Tests not yet completed. W RB-1:31 fwd Sec 4-20 RB 4/24. W.

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5341

INDEX

Number.	Date.	From or To—	Subject.
423421	From card 24		To S. W. Derby Jr. (7) Hearing of motion to extend for 30 days party Melissar in interference 41324 and 41790 set for Dec 1st at 11/26 To A. L. Davis (7) ditto 11/26 To Atty. Genl. returns encl 11/29 To Jennie Davis M. Edwards- Dept of Justice has to be turned over cases 11/28 To Attorney General- Rel above 12/6 Dept. of Justice- Rqst Dept. be turn with such information in order to bring suit against DeForest & other Co. for recovery of Govt. rights and property 12/4 To Attorney General- Fws copies of contracts with Fed. Tel Co and Fed. Tel Co and De Forrest Co. 12-17
460482	11-7	A. Crossley	Rqst patent rights on trailing wire antenna for radio control torpedo.
460569	12/1	To Gen	From DEPT. OF JUSTICE to NY 12/1 RB 1/9 S&A 12/13 N.Y. 1/17 Fws request of J. W. Carpenter, for patent on methods of utilizing high voltage alternating currents for supply to plates of power vacuum tubes. 898
24	12/1	To Ny- radio field set to be turned into store at F.S. Base. 1-19	
461092	12/1	To Ny. copy to F.S.B. 1-23	
		Washington	

4-3741

PATENTS:

Number.	Date.	From or To	Subject.	
430615	Oct	To Westinghouse E&M Co	Fwds list of patents enumerated, those acquired from Fed Tel Co.	W
455493	11/3	To Patent Office	Expresses appreciation for services rendered in search of disputed patents to Interdept Radio Board.	W
455755	10/27	R O Shelton	Submits comments relative to idea for increased efficiency of rotary gap radio transmitter outfit.	898
456147	11:1	L C F Horle	Directive radio transmitter. Cross to 919 and 898	
455762	11:1	American TT Co W W Ballard.	Will be in Washington on the 6th to look over application papers of Meissner in DeForest suit.	
457022	11/7	W.H. Pumphrey	Patent of F. W. Midgeley has not been adjudicated.	W.
456817	11/7	Norfolk	Fwds request of Chief electrician N. G Downell for investigation as to patent ability of new audion regenerative circuit; fwds sketch.	898

PATENTS

Number.	Date.	From or To -	Subject.
457555	11/12	Washington	Fwds request of radion draftsman, W.F. Webster for authority to apply for patent rights on rheostats W.
457795	see card 37		
450617	11/13	<i>Corresp. indence transferred to 1200</i> To J.H. Hammond Jr. Emery Booth Janney & Varney 11-20 Quotes various claims. To EBJ&V- acknow receipt 11/22 To A.I. Gardner, acknow receipt 11/19 11/22 To- Fwds 5 copies of proposed agreement between Navy Dept and yourself. 12-22	(1) Referring recent conf it is urgent that Bus have copies of principal patent applications. Please have your attys expd. W J.H. Hammond- Will take several days to prepare cases to present to Patent Bd. 11/13 A.H. Hammond Jr.-(T)- Will arrange at once, regarding patent matter. W 11/13 Emery, Booth Janney & Varney-Fwds copy of congressional act, making appropriation acquiring rights of Hammond invention. 11/20.W A.I. Gardner- Protests making contract with outside firm; claims infringement; 11/19 X 590-1 Claims to have invented new and improved method for securing radio arc transmitter. W 1200
459105	11/13	Lt. W. A. Eaton To SEA reqst fwd check 2/25 To Lt Eaton- 3-5-21 To Comm of Patents Fwds amendment in application of William A Eaton 3/23	Fwds amendment of application 3/23 Devices for providing standard wave length or frequency for use in high frequency electric circuits; request information as to procedure to follow in securing patent. W To W. G. Cady- no objection to applying for patent asks further opinion 12/5 Wesleyan University 1/4
459136	11/20	To Lt W A Eaton via Wasn W. J. Cady	
458993	11/20	To JH Hammond Jr	Reqst attend conference SE W

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PATENTS

Number.	Date.	From or To—	Subject.
✓ 446388	9/22	To Cdt Pensacola Pensacola—semi monthly report.	✓ Req that semi-monthly reports of station Pensacola be examined for any disclosures relating to inv'ts or rail phones carried on by B. F. Meissner formerly expr radio a line with Navy.
TO CARD 33	11/28	To B. F. Meissner fwa reports B. F. Meissner—Rost authority to search records at Pensa. 2/8 To B. F. Meissner 2/11	Trans 902 am 918 To Pensacola—into request actly taken in data rel to B F Meissner Aviation and Co See Encls 11/18
446389	9/24	To DNI To ATT. Gen. 1-18 To Pennie Davis & Co 11/17 To Nav Intel—req fwa to SE patent mailed via LAURENTIA 12/5 Nav Intel—10 was German Patent Specifications.	✓ Req supply copies of certified German patent applications or German patents listed w To Pennie Davis Marvin & L. Bonds and testimony of Alexander Mercedes 11/17 To American T/T Co 11/17 Gen 11/22
446390	9/25	To E. L. Skeel To Circuit Court of Appeals receipt of copy of record 11/12	Asks where can find Prof. Pupin's work on 2 circuit transmitter with high spark frequency transmission. To Messrs. Roberts & Skeel—Bu appreciates efforts to secure copies of record. 10:22 To Roberts & Skeel—10:22 receipt of record and expresses appreciations for services rend 11/12
446391	10/1	To Cdt Phila VOID	Designates USS OHIO to be used for install radio compass for battleships and expr work in connection with
446896	Oct	Interdepartmental Bnd	Report in con with claim of H M Horton cov compensation for use of invention system of airplane sig. w
449128	10/2	H Lucke To Wash—Req that shipment of drawings be traced. 11-15 Washington 12/28 Fwd prints. To—1-21	Reqst drawings and photos of invention of transf made by former Lt Priess in order to file patent application. w H J Lucke 10:10 To H. Lucke—Bu is making search for drawings reqst. 11:1 To Washington 11/11 asks fwa spec Wash 11-24 Fwds prints listed - w

4-3381

PATENTS.

Number.	Date.	From or To—	Subject.	
✓ 445404	9-6	Federal Tel. Co.	Govt. re-transfer to Co rights to Kolster patent, retaining right for Govt. to use invention.	W
✓ 431379	9/15	To O.P. Adams C/o Alfred Crossley, Submarine Base New London.	Reqt when giving information concerning method of guiding vessels by electrical means, that do not include anything concerning Navy's connection with problem, unless authorized by Department. To OO Sub Base N.L. (T) 9/15 O P Adams- 9:18 To OP A- Probers delay efforts re educational campaign until one instance re ships tested 9/22	W
436344		FROM CARD 24 To Ramsey Hoguet-Acklgs receipt of contract. 10/11 To Alien Prop Cust- matter del will advise later 10/29 To Alien Prop Cust- Executed reassignment of Goldschmidt patents also certified copy of contract with Hoguet and Cust 11/15 Emery Varney Blair & Hoguet-Fwds copy of letter to alien property custodian rel to Goldschmidt patents. 12/8	Chas W Appleton 9-16 (T) G E Co will not regard return of patents to French Co as prejudicial. W To Alien Prop Custodian- Recommends return of Goldschmidt patents to Alien Prop Custodian assignment to American Rad Co. 9/19 Emery Varney Blair & Hoguet-Sub assignment of Goldsmith patent. 9:25 To Alien Custodian- reqt copy of original paper vesting title of patents in American Radio Co 10/4 Fwd S&A. 12-13	
✓ 443698	9/19	To E.F. Messner	Dir only to lettr of 9/16- will search records for reports to assist establishing data on anti-noise telephone transmitter. To Naval Intl- reqt translation of German text "DRABLOSE TELEGRAPHIE DURCH ASSER UND LIET" " W 9/22 E F Messner-Comments on invention. 9:16	W

PATENTS

Number.	Date.	From or To--	Subject.
✓ 440028	8/18	To Philip Farnsworth	In reply to lettr of 8/15 notes proceeded with reconsideration of claim sub to Inter departmental Radio Board by Wireless Spec App Co. No objection to exceeding time for submission of reconsidered list of patents sent you W
✓ 440967	8:20	Bu Stand	Sperry App Co- 8:19 To Wireless Spec App Co-Sub mod in regard to suit. 8:25 Wireless Spec Co 9:5 Have not read any official proposition for settlement from Dabiller. W Fwds report on high frequency. W
441842	8:19 8:23	Atl Fleet Dept	Reqt copy of all patents concerning radio tel be furnished. W To Com of Patents- re: furnish Off Atl Flt with copy of radio patents 9/4 go to Atl Flt Post Office- Cannot comply with reqst for copy of radio patent. 9:20 To Atl Fleet-Will arrange for subscription to Gazette is desired 10:11 Atlantic Fleet 10:14
440823	8:25	To Wash	Naval BR Lab to be placed on mailing list. W Wash Yd 9-18
/ 441416	8-27	To Secretary	Proposed patent agreement between the Title Insurance and Trust Co of Los Angeles and the U. S.- Fwdg 5 copies of proposed patent. W

1919

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PATENTS

Number.	Date.	From or To—	Subject.
431915	7/28	To European Forces Tel:	14012: expedite information re: suit W European Force-Copy- Suit is by Marconi Co against Post Office on acct of broken contract. 7-29 To Europ Forces asks copy of testimony in case 7/30 European Force 9-5 Fwds correspondence re suit.
436062	None	None	Minutes of Brd meeting held with Ass Attorney Genl 9th in con with suit International Radio Co against West Elec Co. W
436063	7:11	Dept Brd	Minutes of meeting in con with suit of International Radio Co against West Elec Co.
436344	7:30	Alien Property Custodian	Regst assignment of patents of Ru- dolph Goldschmidt made to Navy be assigned to American Radio Co. W reg more info 8/1
TO CARD 25		Emery Varney Blair & Hoguet 9-12 Fwds form of assignment to the Amer- ican Radio Co.	Alien Property Custodian- 8:4 To Alien Custody - rel to previous corresp 8/9 To GE Co- asks opinion in re to 9/4 Will be satis to confer with Lt. Comdr Larkin on 8/14- Fed Tel Co con tracts and note books of De Forest, fwd to Messrs Pernie Davis Marvin and Edmonds. W To Pernie Davis Marvin & Edmonds- ac know ledges of testimony taken in interference No. 41,790 8/10
423421 28	8/6	Hoguet 9-15 Fwds copy of ltr 8/20 omitted in letter 9/12 To G. E. Co. To Attorney Genl asks action be expedited 11/17 Pernie Davis Marvin & Edmonds 11-24 Re to taking testimony in behalf of Weissner.	

PATENTS

Number.	Date.	From or To—	Subject.
435153	7/31	To Firms	Asks advise under what radio patents held by Co willing to give govt non-exclusive license or release from any claims involving use of patents, as Dept has acquired govt control of Poulsen arc patents. W Natl Elec Co 8:5 Cutting & Washington - 8:5 Sperry Co - 8:26 Wireless Improvement Co-Reqst further infor. 8:27 American T & T Co 9-4 Agst action on their letters of 4/23 and 5/13.
437921	8/8	To IM NY	Req Capt Guy Hill Signal Corps be permitted to examine radio files of Yard NY- W
439892	8:15	Dept Justice	Meeting of Inter-departmental Brd will be held 14th. W
440036	8:15	3rd Dist Copy	Artemis and Chaser 334 under repairs. AY

PATENTS:

Number.	Date.	From or To--	Subject.
433552	7:17	Fed Tel Co	Fwds copy of contract with J A Miller in which he agrees to sign a invention and improvement relating to radio app during term of his employment.
433896	7:16	Dept	Reqst on alien property custodian rel to securing alien owned patents, reqst correspondence concerning be conducted through Sol.
433790	7:15	Sub Com of Joint Patent Conference.	Sub report of meeting. W
434981	7:21	Munition Patent Brd	Conference of army and navy officers concerning inventors agreements and contracts for patented articles. W

Number.	Date.	From or To—	Subject.	
434966	7:16	International R T Co	Copy of letter to Major Young stating agreement will not proceed beyond 90 days.	W
434945	7:18	Dept Justice <i>+ Bureau of Mines 7/24</i>	International Bd of Radio Patents. recs members be relieved of all other duties. Attorney Genl. Sec signature in conn with. Bu memo to Ard. 7:24 To Atty General. Dept. is rep on m. rd by Comdr Hooper and Lt Com Lortin 7/24	
431376	7/24	To Philip Farnsworth	In reply to letter of 7/18, in conn with investigations Dupilier patent suit. advises arrange with Lt Lewis. prelim proofs August when released from active duty. Philip Farnsworth. 7:25	
431378	7/25	To E L Skeel	Acknow receipt of briefs in case of Marconi vs K & C. W	
431387	7/26	To Comdt Wash Yd. Rad Research Lab Bu Std Airc Lab Bu Std	Gives report made to Bureau of SE on method employed by French Govt to compensate capacity effect of Willmunt battery to ground in their radio compass installations. W Cross to 319 and PG also Circular letters. W Bu Stand 7:30	
431379 see	ed 25			

LETTERS:

Number.	Date.	From or To	Subject.
428796	6:24	Dept of State ✓	Asks if can grant Fed Co permission to use patent in connection with construction of wireless station for Chinese Gov. W
429921	6/26 None	G Gibbons Jr. Naval Consulting Bnd	Radio direction finder designed for purpose location direction Hertzian or submarines. Asks who is responsible for invention. W.
✓ 431587	6:21	European Force	Compensation for use of D F system invented by Captain Robinson of the British air service, payment of \$15,000 be made. To European Forces. Asks further info 7/21 To European Force. Notes comments of Capt James Robinson of Brit Air Service. 11:1
431827	7/11	To S&A	Reqst shipt from Washington to Radio Div SE one radio selector switch. W Patent office material not received. 7:17
431373 58	7/11	To A H Taylor Lt Com Chief Elec L O Young Bureau Standards To A H Taylor- fwds papers req executions of 7/25 To Comdr Taylor 9/23/20	Calls attention to patent enclosed, issued to Elmer E Butcher, showing double heterodyne employed in receiving appr. W Bu stand-in con with reqsn for patent on compound heterodyne method reception. 7:12 Fwds cc license 4/5
431916	7:11	European Force	Copy 3552, Reqst info re type of machine used at New Brunswick, whether Marconi or other been installed there, etc. W To Forces 1st 7/12

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Number.	Date.	From or To	Subject.	
431982	7/2	Dublier Cond Co.	Sub list of customers other than Gov in con with license agreement. W.	882-1
✓ 432695	7:10	Com	In con with Lt Co Sweet and other naval officers in Europe gives evidence in con with litigation between Marconi Co and Brit. officers. Com 8:19 Intel 9/15 To Intel- not nec to secure copy of proceedings as Europ has advise copy fwded to Bu 9/23	
431372 SEE BELOW	7:17	Ensign W C Richardson	Sub report on duties at Col University.	W
431374	7/17	To Emery. Varney Blair & Hong net	German patents bearing on radio telg now assigned to Govt have been issued since transfer to Navy Dept. Lists same W	
431375 SEE ABOVE	7/16	To Ensign Max Richardson	Tel: Expedite report recently regstd by Bu and info Bu when same may be expected W To Ensign Richardson- asks fwd more info also copies of cards 7/24	

RECEIVED:

Number.	Date.	From or To—	Subject.	
✓ 426003	6:16	Haraden Pratt	Expert radio aide rec system.	W
✓ 426087	5:17	Fed Tel Co	Dwds infor and records concerning employment of Dr L De Forest, C V Logwood and Mr Van Etten during 1911, 1915, and 1918. To Fed Co. Thanks for copies pertaining employment of Dr Lee De Forest C V Logwood and Van Etten by Co. 6/24	
✓ 424340	6-16	To Wireless Spec App Co	Will be glad to co per with Patent atty. on patent situation any time. W	
✓ 423024	6-19	To Secretary To NL sub report for info 9/4	Call's attention to paper by R H Marriott of Ward Dept. Sound discussion of method of guiding vessels by electrical signals etc. To Dept. 6-19; BB 7-26 To Ind for NY- Bur auth expenditure of \$2000. for conducting preliminary tests To NY- sub data of radio leader gear exp 9/4 Minutes of meeting held 12th.	
427196	None	Infor Dept Bnd		
✓ 424342	6-21	To Radio Amateur News E T Jones Editor	Reference letter 6-17, and for patent on underground concentrated loop telephone system now before Patent office for consid- W	

Number.	Date.	From or To—	Subject.
✓ 427814	6:21	Bar Harbor	Double loop design by Elec W E Woods, fws sketch with comments on, reqst patent be obtained.
		of Lt W A Tattershall and Mr. Delish	To Bar Harbor- info reqst concerning circuits attached to station concerning
		mica condensers cross to 882-1 8/20	Wood proposes use 7/15 R B 9-15
		Annapolis-Report of statement of	Bar Harbor-Radio aide W E Woods reqst further investigation be made. W 8:6
		Lt Tattershall and Ensign De Leshe reg	To Bar Harbor- req detailed info re development of circuit 8/20 cross to 875 R B 9-11
	9:18	devel of mica cond. Cross to 882;-1	To Annap- Req fws summary as to info of
✓ 428086	6:24	Radio Draftsman R. P. May	Sub wiring diagram and descrip of invention of vacuum tubes rectifying circuits, reqst patent be obtained.
✓ 424344	6/24	To Lt C T Anderson	Fws copies of patents, calls attention to some question as to whether or not already covered by previous appl- 9:19 C T Anderson-Sub copy of patent.
			To C. T. Anderson- asks if can give necessary data. 5/17/20
✓ 424345	6/24	TR Asst Secty	Req auth be granted to purchase French radio app for use Bu Stds. W Dept- fws
427955	6/3	Bu Stand	To Washn- reqst Bu Std be notified upon receipt of French app listed in lettr of 6/24 7/23 Fws copy of report and experiments on 918 throat transmitters at Lab Bu Stand by J L Bernard, asks if Bu will claim. W.

PATENTS:

Number,	Date.	From or To—	Subject.	
424105	6:7	Sol	Assignment of title and patent appli. and system for rec radio sig reserv in the U. S. the right to make, use and sell device embodied in invention.	W
423020	6-7	To GE Company	Acknow receipt of letter calling attention to certain alien owned patents relating to radio in which Govt. may assume control by seizure thru the Alien Property Custodian. W	
424257	6:7	J L Bernard Jr.	Permission to patent airc tel system. To- no oppos. s. desires when filed assign license to Govt. 6-17	W
424400	6:3	Dept of Radio Brd	Minutes of meeting with power ref to Western Elec. Marconi and Wireless Spec.	W
423022	6-10	To Alien Prop Custodian	Solic - 3/18 Fwd's affidavits showing letters, ptnts enemy owned, asks re seizure. W	
	6-10	To Alien Prop Cus- If only meets	To- fws affidavits- 6-11	
	6-10	ref. b Secy of Navy 11/15	To fws affidavits- 6-12	
	6-10	To Sol- request War Dept be request to drop legal for patents 3/5	To Sec via Solic- that Dept offer 100 each for patents 11/15	
423025	6-10	To Wireless Spec Ap Co	asks have Mr Davis call. W	
423493	6-10	To GE Co	Non-receipt, comments on proposed re-draft of patent clause in Fed contract handed you. W	
		To GE- fws copy of redraft 6/24	GE Co 6:18	

Number.	Date.	From or To--	Subject.	
✓ 424781	6-5	Inter Dept Radio Bnd	Minutes of meeting held 5th	W
✓ 423023	6-11	To Philip Farnsworth	Reference to Telegram June 5th search failed to locate type of Telefunken condenser referred to. W	
424339	6-11	To John Barrett Director General Pan American Union	Desirous of obtaining report on discussion concerning patents trade marks and copyrights before Pan American Congress on June 5th info reqstd W	
423021 SEE 19	6-13	To GE Co To D&D returns stipulations 9/12 To Pennie & Davis - r 3 copies of certain interference case asks slip and find D&D cert with Fed Bd 9/22 to Pennie & Davis - r 3 copies of certain interference case asks slip and find of DeForest Co with Fed Co. 9:25 To Pennie & Davis - ackls receipt of DeForest testimony. 11:1	Fyda stipulation to permit filing of preliminary statement in behalf of party Malissner to GE Co - asks secure copies of testimony taken on these interferences 7/15 To D&D acknow rec of tes of L D Forester to 7/15	
✓ 425245		Interdepartmental Radio Board.	Minutes of meeting held 6/10/19.	
425998	6/11	Wash	Fyda copy of correspondence with Westinghouse L&M re devel of vacuum tube and patent on same. To Westinghouse L&M 7-121 The L&M Eng. has been sent copies of our small vacuum tubes which they wish to use on test till this is satisfactory to you B. H. McKelford, no objections 6/18.	896

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✓ 19

PATENTS:

Number.	Date.	From To	Subject.	
2916	6-5	To Marconi Co	Directs to reimburse Dept for all royalties paid Messrs Clark & Hill on radio app 6-29	
2916	6-5	To Geo Clark via Chief BuSE	Rec make assign of license to Govt upon filing a plication	629
423021	6-6	To Pernie Davis Marvin & Edmonds	Motion has been filed and copies furnished all parties in case. (Meissner)	
SEE 20	6-6	ate from Fed Co 6-20	To 22 Co- thinking them for a far of assist letter of 6/12, advised Fed Co Sen. 6-20	
		vis. Marvin- no neg to	office informed papers received 6-16	
		To Pernie DM & E Tel 7/28	To 22- 3-20 receipt of 22-15-16 2-28 rest	
		To P D M & E fuds books 7/30	Meissner, Straub & Langmuir interference 6-16 To 22- will confer with Langmuir & Armstrong	
423800	5:23	Lowenstein Co	6-20 To Pernie Davis 6-20 To 22- 3-20 receipt of 22-15-16 2-28 rest	
423421 see	card 24		Copy of letter to Major R H Young in con	W
423803	5:15	Darby & Darby	Copy of letter from Major Young in con with patent, DeForest Co.	W
423805	5:28	None	Copy of letter to Major Young in con with license from American Tel and Tel Co.	

Number.	Date.	From or To—	Subject.	
423798	None	G S Davis	Copy of letter to Major Young concerning license under patents. G E Folk-Copy of letter to Major Young in con with license from American Tel & Tel Co.	
423799	5:24	Marconi Co	Copy of letter to Major Young in con with patent.	W
423948	5:6	G H Clark	Appli. for patent on forms of reception. Fwds rough spec for imperial rec aerial. To G H Clark- f wd patent application 7/26 10-- Patent comments. One patent office action G. H. Clark- 1/10/21 G. H. Clark- Joint application signed and fwded. 1/10 W. Fwds copy of proposed patent spec on radio tel receiver system	W
423934	5:7	H Pratt		W
424050	5:7 To H Pratt 10/8/20 H. Pratt 10/15/20 To H Pratt. Fwds form 11-20/20 H. Pratt Returns copies of license 12/1	H Pratt	Sub copy of proposed patent spec on radio tel system. To H Pratt- fws patent appl reqst execute 7/3 H Pratt-Fwds patent application on radio ray system. 7:12 Fwds letter from E J Simon Co in con with agreement with owners of patent and radio app.	W
424082	5:7	War Dept		W

1919

PATENTS.

Number.	Date.	From or To—	Subject.	
420758	5-23	War Dept	Fwds ltr from Sperry Co in conn w License agreement made under patents - W	
419290	5-24	To Wireless Spec Co	Asks have Mr. Davis confer w officer in charge radio divn of Bureau W Wireless Spec App Co- 5:27	
419291	5-24	To K & C Mfg Co	Reqt for release of J J Geary fwded to Navy. Matter of joint motion in appeal case of Marconi vs K & C Co taken up with Marconi and info will be fwd later W K & C Co C. U. To K & C- suggests make application for release as soon as instur reach various avail units as Congress has made prov for same 5/6	
421053	5:23	War Dept	Fwds copy of ltr from Clapp Eastham Co in con with infringement of patent owned by Co. W	
421091	5:19	Inter Departmental Radio Brd	Minutes of meeting in con with patent infringement.	W
419292	5-26	To Lt W A E. m	Consideration and comment on Armstrong patent must w statement pointing difference might be urged before Patent office in prosecuting claim in this circuit. I A Hazelton-fwds descrip of invention on neutralization of capacity coupling for audions.	

419293

PATENTS

Number.	Date.	From or To—	Subject.	
✓ 419293	5-27	To Professor L. A. Hazeltine Stevens Inst of Tech.	Reqst full name and legal residence in order may be inserted in patent application being prepared under name on "Neutralization of Capacity Coupling in radio receivers and amplifiers. W L. A. Hazeltine- 6:18 To L. A. Hazeltine- matter now under consideration due to great number of applications, cannot expect action for some time 11/18	
421092	5:15	F G <u>Dyer</u>	In con with Vreeland patent owned by Vreeland App Co	W
✓ 421773	5:22	Inter Dept Radio Brd	Minutes of meeting held 22nd.	
421161	5-2	To Dept	Fwds application of Earl C <u>Hansen</u> for exam- inating radio inspr. K	
✓ 423301	5:2	I <u>Cohen</u>	Copy of letter to War Dept. Fwds copy of letter to Sig Corps cov facts to be brought up at hearing of radio brd.	W

PATENTS:

Number.	Date.	From or To	Subject.	
✓ 416800	5:7	War Dept	Fwds copy of letter from Wireless Spec App Co in con with license.	W
✓ 416414	5-8	To Ovila T. Giroux	Advises has no info concerning patents reqstd.	W
✓ 416415	5-8	To Fed Tel Co	Reqst be furnished with copies of rights acquired under Kolster inventions referred to in contract. W Fed Tel Co - Fwds copy of agreement between Fed Co and Kolster 7:2	
✓ 417566	5:10	War Dept	Fwds copy of opinion of attorney genl in Deforest case.	W
✓ 418135	5-14	To War Dept	Calls attention to patents on loop antennae used for transmission and reception of radio signals on submarines W	
418235	5:8	Shatt Radio Bnd	Minutes of meeting held 8th in con with Marconi Co suits. War Dept 5:16	W

Number.	Date.	From or To—	Subject.
✓ 418295	5:14	D Y Allen & G H Clark	Request permission to obtain patent on radio compass device for use with gyro repe. C H Clark-Sub comments on patent. To D Y Allen-also description be filed 6-11 D Y Allen-Sub descrip of radio comp. correcting device, for which patent is req. W 6:28
✓ 417400	5-19	To Ensign Charles <u>Speaker</u>	Calls attention to copies of patents showing systems for simultaneous trans and receipt of radio signals, request examine and give difference between yours and these prior patents. W
✓ 419287	5-20	To Pennie, Davis, Marvin & Edmonds.	Dept has recently acquired for govt title to patent applications of Meissner in interference with applications of Armstrong et al, believes advantage if adjustment of Meissner claims could be made outside of Patent Office, sug for Armstrong confer subject. W
✓ 419283	5-20	To American RR Co Fpn	Desires representative of Co confer with Bu on subject of method of modulating short sustained reception. W
✓ 420244	5:21	War Dept	Fnds copy of letter from E J Simon Co enclosing letter to Sec Navy re royalties. W
✓ 420626	5-22	Ens. A <u>Crossley</u>	Request be granted patent rights on special high tension ignition cable - W 10- request org of 1-1-1922 executed 6-20

PATENTS:

Number.	Date.	From or To--	Subject.	
✓ 414474 see 3	4:28	H Pratt	Regst patent on high speed radio tel sig device. To H Pratt- fws papers for execution 5-2 To H Pratt 9-24/20 To H Pratt 10/4/20 To H Pratt 10/8/20 To H Pratt 10/8/20	W
415441 See Card 29	5:1	Norf Norf-4-11 for patent on dist control on switch of expert radio aid Hallberg W 7:1 Norf-fws vandykes of break key asks about patent. 8:19	Regst information re Bu policy as regard application for patent of civilian employees W to Norf- gives info regst. 5-6 Norf-applies for patent on high power speed re- lay key. fws prints 6:11 Norf-fws prints 6:11 To H Pratt 6/25 To H Pratt 6/25 Hallberg- will invest. 6-16 American Hg Corp are interested in securing license of three patents owned by Atlantic Com Co. To- will consider matter later 5-7	W
415772	5:2	Van Eyern, Fish & Hil- deth Co		
414456	5:3	To Wash	Fws Power of Attorney.	W
✓ 415896	4:29	GE Co	Agreement between Vreeland App Co and Atl Com Co also Gsellshaft and Drehtlose and Atlantic Com Co-regst copy of.	W
✓ 416189	5:2	National Res Council	Fws copy of cablegram req be taken up with proper authorities.	W

1919

Number.	Date.	From or To—	Subject.	
✓ 415334	4:29	GE Co	Returns copy of assignment and record.	W
✓ 416192	4:28	Patent Office	Cont between Fed Tel Co and Poulson Wireless Corp and U. S. have no seals attached.	W
✓ 415276	5-2	To Ensign A Crossley.	Consideration and comment reqstd, patents relating to electric switches type outlined in letter of 4-26-19	
✓ 416640	5:6	War Dept	To- reqst execution of orig by Notary Public and return to be filed w Com of Patents To A. Crossley 1/4/21 Fwds extracts of minutes of meeting in con with claim of Capt Horton.	7/1 W
✓ 416639	5:7	War Dept	Fwds copy of letter from K C Co and American T & T Co in con with patent.	W

Number.	Date.	From or To—	Subject.	
327337	4/4	Dent	Dent. Copy of letter to General Elec Co sent with a before case in. Initial copy sent Gov. State Radio app. to British and American Record Co. W.	922-7
2915	4-14	Marconi Co.	Will include royalty to be paid to Hill & Clarke and cost of transmitters W.S	629
✓ 411471	4-15	Lawrence C F Hoile	Req information relative to securing patent on construction of vacuum tube, undamped signals.	W
411879	4-19	To Emory Varney Bktr & Co.	Asks furnish papers in conn with applications and statement of present status of cases. To- Tel 4-23 To- Tel 4-23	
411880	4-19	To American T & T Co.	Requests (1) conventions with General Dent Gov of assignment of patents from American Commun Co. and Western Elec Co, dated 12-7-16 with later assign from Allen Buchanan Custodian and Western Apparatus Co. in conn with General owned patents and Western patents. W	9-16
2915	4-17	S&A	Forw letters and copy of agreement between Messrs Hill & Clarke re royalties on receiving and trans appr. W	629

Number.	Date.	From or To--	Subject.	
412578	4:14	Bu Airc Production	Fwds copy of letter from Lowenstein Co in con with patent owned by that Co.	X
413076	4:22	War Dept	Fwds copy of correspondence with R. A. Resenden relative to patent in con with the experimental radio brd.	W
413346	4:14	Army & Navy Patent Brd	Fwds copy of patent assigned to <u>Fed Tel</u> Co.	W
413908	4:17	War Dept	Report of minutes of meeting of brd.	W
413571	4:35	To Marconi Co	In con with hearing to be held in June re <u>radio frequency current</u> . To K & C Co- fwds info. re phone conversation of 5-6-21 To Marconi- quotes from tel from KA C Co 5-21	W
414473	4:28	H Pratt	Reqst patent on modulating system for radio frequency currents.	W
CARD 59	patent. 9/18	H. Pratt Ask what rights has to	To H Pratt- fwds 2 of papers reqst execut 5-2	
	H. Pratt 10/12 W.	H. Pratt 10/12 W.	To H Pratt- fwds appl on electro pneumatic control relay 5-2	
	H. Pratt Sug application be	H. Pratt Sug application be	see 414474	
	withdrawn. 13/14 W.	withdrawn. 13/14 W.	office 9/9/20 Fwds copy of letter from Patent	

N.S.E. Form 134.

PATENTS

Number.	Date.	From or To--	Subject.
✓ 407184	4-1	To Fed Tel Co	Regst info re arrangements made with employees all inventions assigned to you for further assignment to govt. after patent has been obtained in accord with contract 5-15-18 Fed Tel Co-Lists employees. 5:1
✓ 407191	4-2	To E. T. Jones	Fwds papers to be executed, re patent application underground or underwater antennae systems- W received back from 8th dist 4:10 To E. Jones- Fwds copy 8/23/20 To E. Jones 11-8-20 Fwds. cc To E. T. Jones S. J. Bd 12/21/20 To E. Jones 1-12-21 W. To E. Jones 1-15-21 Fwds copy of proposed agreement and cross license agreement with Liberty Elec Corp for mig of radio app gov by letter, patent etc. SOL 4:30-Fwds copy of agreement with Liberty Elec Corp.
✓ 408081	3:29	SOL	
✓ 407706	4-3	To Liberty Elec Co.	Fwds draft of mutual license agreement covering radio patents which will rec to dept as acceptable, asks executions of W
2916	3/24 3/27	Cost Insp Marconi SEA	In connection with royalties Marconi has agreed to pay inventors G. Y. Hill and Geo. E. Clark. 6:29

PATENTS

Number.	Date.	From or To—	Subject.	
410083	4-10	Emory Varney Blair & Hognuet	Calls attention to file and patent application at com. any's office, asks if Bu will make arrangements for frequency of. To- rec t fwd files and records in cases belonged to Atlantic Comm Co 4-12	W
407811	4-11	Fwded Solicitor	Checked list of radio apparatus, finds Govt. used apparatus listed. W	
410183	4-12	To Fed Tel Co.	Advises patents as listed have been abandoned or forfeited on account of nonpayment of final fees. W Fed Tel Co 5:6	
410191	4-12	To Attorney General Dept. of Justice. To Sect Com- ackn rec lettr 6/14 Pt Miller furnished copies of record and testimony taken to date 6/24 To American Natl Co- ref lettr of 9/3 ack rec of pieces of deso of Dr. Kingsman- will hold conf in Wash as us pres'd 9/15	Re two applications for letters patent in Patent Office, in interference, etc. To Secty Commerce- fwds copy of Dept letter to Attorney Gen. 8-10 Dept of Com- will release Dr. Miller for net duty. 6:18 To Sect Commerce- acknaw rec lettr 6/14 6/24	W
410384	4-12	To Secty Navy via SOL	Fwds mutual Patent License Agreement between Govt and Liberty Elec Corp'n recom execution by Secty. W	
EU EE 1561	4-26	To S&A via Solicitor	Recn covering patent royalties to Vreeland Apparatus Company. W-R copy to S&A	

PATENTS

Number.	Date.	From or To--	Subject.	
✓ 403404	3-17	Lib Elec Corp	Re radio patents owned by Fed Elec Co	
404559	3:17 3:21	War Dept Com	It Col Slaughter relieved as member of Spec Radio Patent Board and Cap Guy Hill detailed in his place. - and Communications 3-26	
405940	3:20	None	Minutes of meeting of Joint Bd held in office on 3:20.	K
✓ 405535	3-26	To Sperry Gyroscope Co	Calls attention to fact only patent mentioned in letter was not granted until Dec 10th 1918, since which time practically no apparatus has been purchased. Sperry Co-Sub schedule of patents owned by Sperry Co. 5:3	
✓ 405537	3-26	To Fed Telg Co (Mr. J.A. Miller)	Advises method proposed by Mr. Miller is already covered by application now in Patent Office.	
J 405538	3-26	and Secty Navy J. W. Offield-Red app be given consid. 4:2	Re correspondence with J. W. Offield. - To J W Offield- and's letter to Naval Consulting Board for consideration 3-26	

PATENTS

Number.	Date.	From or To—	Subject.	
✓ 405736	3-27	To Fed Telg Co	Reqst info re Marx & Fuller patent application re production of single non-compensated signal wave in hp arcs, etc. ; Fed Tel Co 4:8	
✓ 405684	3-29	To Army & Navy Patent Board	Reqst 24 sheets of Bristol board for patent office drawings Army & Navy Patent Brd- 3:31 To Patent Office- reqst britol board be supplied for patent office drawings 4-4 Dept of Interior- Will furnish file wrappers desired. 4:7 To Comm Patents- acknow receipt letter 4-7 4-16 enclosing 24 file wrappers. Tel-Asks if April 4 convenient for discussion of radio patent sit. To F. B. Jewett, Western Elec. Co Tel 4-1 G. E. Folk 4/23/19. W	
✓ 407077	3:31	J B Jewett	Received back 5:23	
406679 Old No	5:21	TO S&A		
✓ 407069	3:28	War Dept Lowenstein Co 4:11	Fwds let from Genl Radio Co stating no Co patent involved in app mfg for Gov. War Dept-Fwds reply from Marconie Co and Westinghouse Co. 4:31 War Dept-Fwds lett'r for International RT Co. War Dept-Fwds information from Lowenstein radio Co. W 4:14 War Dept-Fwds letter of K C Co. 4:10 War Dept-Fwds copy of correspondence. 4:17 Asks fnd list re appr mfg at yard- Norl 4:16 MI - 4:22 MI-list radio app mfg. 5:28 To MI- reqst in future list contain only important items to 1 fr of 12/30/13. 16 MI-Instal re port 18:14-16 To NY! Asks fnd list ref to B tr 12/30/18 reg confirm orders from 1913 to date 6/24 To Mare Is- satus to supend further reports on radio appr mfg and pure MI 6/30	W
379670 see 11	4-1	To Boston MI 6:18		

1933

PATENTS:

Number.	Date.	From or To—	Subject.	
✓ 397985	None	War Dept	Fwds correspondence concerning various radio patents. War Dept-Fwds let from Wireless Spec Co relative to radio patents. 3-11	
389850	None		Minutes of meeting of Navy Dept, War Dept and Dept of Justice dealing with patent radio app.	W
✓ 390409	2; 27	Darby & Darby	Sub status of sit. To- Fwds corresp to Solicitor re app action 3-3 To Solicitor- rec'd ac 1-1 taken 3-4	
✓ 398542	2; 13 2; 27	I. A Ackerman Hon Julius Kahn	Req copy of Navy Dept prohibiting pub new inventions for wireless app. to a public hearing on 3-7 of Dept re coman of new inventions etc 3-7	W
✓ 399238	3-5	To A H Taylor Lt Col	Hon J Kahn-Fwds let from I S Ackerman rel to inven. of novelty of claims 1 and 4 in view of patent references cited by Commissioner	W

2-3-15

Number.	Date.	From or To—	Subject.
312239	3-7	To F. B. Lambert	Advices will handle prosecution of application, it only being necessary for you to furnish power of attorney re secret transmission of voice and signals by radio. F B Lambert-Fwds power of Attorney. 3:10 To F B Lambert 3-19
✓ 43179	3-8	To U. S. Patent Office	Repat Radio Patent and research Section of Bu. of Engrs supplied with copy of patents listed on list attached. To- Info req re progress 4-3
396469	2/21	To Solicitor	States that B draws its request that steps 382-1 be taken to prevent the referred from completing the DeForest Co to furnish data. To- States that you are entitled to leniency for a delay in complying with the order. 2/21.
402152	3:11	War Dept	Fwds copy of agreement between DeForest Co and West Elec Co, also discussion of agree by Darby and Darby.
✓ 402151	3:11	War Dept	Req meeting of Inter-dep Brd be postponed until 18th.
✓ 401482	3-13	To Darby & Darby	Suggestions re title to patent, as Bu believes included in assignment to Western Electric Co thru error. Darby & Darby 3:18

MEMORANDUM

Number.	Date.	From or To—	Subject.
379670	SEE CARD 1/10	SEE 13	To NY(T) 1:424 First installment list radio also received and satisfactory W
			2:27 Norf-Fwds report of radio apparatus mfg. 2:1
			Boston-Fwds list. 2:7
			To Phila Is- Recd list to be expedited 2-8
			Phila-Fwds list of additional apparatus mfg. 2:8
			To Ind-Fwds list of radio apparatus mfgd or purchased by Norf Yd-Fwds 2-10
			To Comdt Phila-Fwds list of radio apparatus mfgd or purchased by Phila Yd-2-10
			To Mare Isl. Rqst expedite preparation of list cove certain radio apparatus- 2/12
391484	2/5	To Dept.	To SI 4-24 R E 2:28 MI- 6:18 States that B. records the receipt of bills rendered by Atlantic Communication Co.
391838	see card 43		
392879	2:6	Dept	Letters patent and applications for same and interest of Alien Property Custodian, Atl Com Co., New York Patents Exp Co & Tel Co accepts assignment of to Govt. W
	To		Cross to 792 - 2
389603	2-7	To Vreeland Apparatus	To Secy of Navy-Req purchase of Letters Patent and applications for letters patent and rights and interests of Alien Property Custodian Atl Com Co., New York Patents Exploitation Corp & Telefunken 2-6
			Co- Rqsts to avail receipt of a joint committee on patents letter to the various interests in the radio field. W
			To S&A 4:23 RB 5-2
			To- Bill fwd to Solicitor for action. 8-19
394823	2-14	To DeForest RT & T Co	To Phila-Fwds ltr of 6/18 8/21 To Vreeland Appr Co- S&A author pay bills 12/5
			Note you list patent No. 1,216,615 of 2-20-17 To Geo Seibt as one of your patents. As this is owned by other parties but desires to know if same listed in error- W
			Darby & Darby-Req all future correspondence concerning patents of DeForest Co be referred to them. W 2:19

1919

Number.	Date.	From or To--	Subject.
395320	2-19	To Solicitor	Bur requests opinion as to whether radio patents covg inventions of R A Fessenden are property of Govt- W
396050	2/20	To Solicitor	Reqt. that proper trans. be made.
396051	2/20	To Solicitor	States that bill is satisfactory.
396052	2/20	To Commissioner of Patents	Reqt. copies of letters patent & two copies of those as may have been issued.
396918	2/24	To Liberty Co.	Advise if you desire to recommend to the Dept. a permit as outlined.

Number	Date	From or To—	Subject
	1:10	Com	~~Phil. States impos to give list of radio~~ ~~or purchased by yard. W 1:18~~ ~~NY asks first ins all of list by Jan~~ ~~24th-- 1-17 Sog-Sub rep of app mfg or purc by Chi~~ ~~NY Gives operation of key. 1:24 Tel~~ ~~2:28~~ ~~Copy of patent from Western Elec Co to~~ ~~Atkiesbolaget Delmar & Co req disposition of. W~~ ~~Fwd Dir Nav Commun 2/14~~
379670	1:13	New York	Fwd
CARD 11	1:25	NY-Fwds list. W 2:25	Phil. States impos to give list of radio
382969	12:30	To Post- Asks further list of radio	or purchased by yard. W 1:18
	1:13	NY-Fwds list. W 2:25	NY asks first ins all of list by Jan
		To Post- Asks further list of radio	24th-- 1-17 Sog-Sub rep of app mfg or purc by Chi
		NY-Fwds list. W 2:25	NY Gives operation of key. 1:24 Tel
		To Post- Asks further list of radio	2:28
		NY-Fwds list. W 2:25	Copy of patent from Western Elec Co to
		To Post- Asks further list of radio	Atkiesbolaget Delmar & Co req disposition of. W
		NY-Fwds list. W 2:25	Fwd Dir Nav Commun 2/14
383361	1:7	Com	Fwds copy of application by West Elec Co
			for Dutch patent on radio tel invented by
			Toomey. W
			To Dir. Nav. Commun.-Bur sees no objection
			in transmitting this application to Delmar
			& Co and Vereenigde Oorlofsbureaux- 2/11
380096	SEE CARD 8		To Atlantic Comm Co- O Per withdrawn-the claim
			of value in the property is unwarranted-re
			purchase of long wave receivers 1-10 W
			R Boguet-Tel- Req fwd patent let. 1:7
384380	1:8	G H Clark	Sub req for commission to apply for patent
			on radio improvements listed. W
			Fwd C H Clark 1-22

Number.	Date.	From or To—	Subject.	
✓ 38472	1/14	Com. Hooper	Memo of estab of patent section of radio divn Co. Loflin not cl'd. gives duties of. 7-1006 and 896-1.	
38472	1/14	Com Hooper	Memo of estab of patent section of radio divn Co Loflin not cl'd gives duties of 7-1006-1	
✓ 385847	1-18	To Secty War	Re a pointment of Lt Comdr Edward Loflin as rep of Dept in conference to consider subject of licenses or royalties to be paid wireless telg companies for use during war of patents supposed to be owned or held by them- To Dept- ditto 1-20	
✓ 387704	1-24	To Marconi Wireless Co-	Ack receipt of let of 1-14th concerning patent situation	W
✓ 387705	1-24	To P. Farnsworth	Ack receipt of let of 1-18th list of printed records and breifs on file in his library	W
389603	1:27	Vreeland Apparatus Co fwd SA via Sol 4-23 fwd Sol 8-19 To Vreeland App Co 2/13/20	Red copy of letter req apparatus be given to committee, and patent claim arising for compensation out of use by gov for company's inventory. Vreeland App Co-Copy of let to Bu Alire. Production: 4:8 Vreeland App Co 4:19	W
388916	1-28	To Sec Interior	Asks copies of patents listed	W

PATENTS

Number.	Date.	From or To—	Subject.
✓ 359940	10/17 10/15	War Department	Three letters - fws correspondence with list of McFarrest Co. wireless patents for consideration of joint board and proposition submitted by that company
✓ 1761813	2;2	Internation Si: Co	Fws copy of Resse den Keisene patent cov waive method of radio operation. "
✓ 766166	11;8	S&A	Adv. letter from Courtney Rd. Rec 21 Co. and the ruling for army. com. by mail Fwd S&A. 11-27
✓ 368848	11;13	Postal Censorship Com	Received for first release cont copy of letter from Mark - Kark to a firm in Stockholm
✓ 383251	10;5	Stall Co	Letter from Stall Co. to the War Dept. re: their activities. Cont. to be sent to the War Dept.

ADVERTS:

Number.	Date.	From or To—	Subject.	
✓ 370014	11;15	Com	Quotes intercepted letter from L Langer in con with Marconi Co antenna patent applied in Argentine.	
✓ 370234	None	Hooper	Sub Report on advance in price due to purchase of Fed patent and station by Navy Dept	
371670	1;22	Boston	Fwd.	
✓ 373471	11;29	Emory Booth & Narvey	Anti draft of letter which may serve as basis for con with Atl. Co. Co. for infrac at to them will be paid for dept to new co co. 11;29	
377017	12-14	To Commissioner Of Patents-Asks copy of patent No 1,281,509		W
377369	12/14	Alien Property Custodian - He does not desire to purchase patent at price named at present time.		W
CO HOOPER	12;31;18	In con with amount to be paid for Sait patent	He should inform of price of patent in not purchase of patent. 12/14	depts
1;0				

Number.	Date.	From or To—	Subject.
334331	8:1	Norfolk	Repts. compl. abstract of all patents S:12 Red Tel Co - Gives action that company is taking Cost Inspr-Relative to patent and devel. w S:12-12 Red S:12, 12-12
335763	8:6	F K Vrlend - ~~Vreland~~	Reqs reast of F E Holberg for appliance patents and high speed relay and break key. w Norfolk, 9:9
34096	1/24	To Navy, Holst	Advise re purchase of Ion Wave c ly re.
SEE CARD 10	To J. C. Tomlinson - withdraws above	To J. C. Tomlinson. ack. of agreement & contract of same. 1/28 Smory Booth & Jancy - 12:11	
341822	6/27	To Secty War	To substitute Lt Comdr U B Cooper as rep to consider the subject of licenses or royalties to be paid wireless tel Co for the use during war of patents supposed to be owned or held by them

PATENT:

Number.	Date.	From or To—	Subject.
334244	8:23 8:31	Hon G R Lunn ~~Dept~~	Sub facts in connection with Raes invention, and Mr Raes req to examine blue prints.
3176-1	1/7	To Secty War	DeLors to substitute Comdr Brown as rep of Fed Tel Co in place of Comdr R. subject of licenses or royalties in Fed Tel Co. in tel Co for us of their patents in 1932
353043	9:19	Fed Tel Co	Wds bill covering balance due on contract 1541 on account of purchase of patent properties and rights of the Fed Tel Co. K
354068		International R. T. Co.	Representative called and discussed plans with joint board for negotiating license agreements under radio patents with proper sketch of W
359709	10/15	War Department	Negotiating with DeForest Co/ In connection with patents. This memorandum of presenting at informal meeting of board W

1918

PATENTS.

Number.	Date.	From or To	Subject.
✓ 312962	5/29	Marcni Co.	Asks if US Navy will grant to Marcni Co exclusive license rights under the Paulsen Fuller arc patents desired especially to use on arc transmitters - Marcni Co - Gives statement showing purpose for which license is desired. W 6-14 Marcni Co 6:25
✓ 325482	7/11	Lt Cmdr G C Sweet	Reports on conference at N.Y. in conn w appraising ~~Alien~~ ~~Comm~~ ~~Ext~~ ~~Co~~ ~~parties~~ taken over by the Alien Property Custodian. W
✓ 325483	7/11	Lt Cmdr G C Sweet	Submits report on visit to office of Radio Development Co of N.Y. and states co is composed of business men who have purchased foreign rights of the Paulsen and Polson patents associated with the British Wireless Co. Co. has secured resolution giving U.S. all prior rights to inventions that might be made on this type of apparatus. W
324743	7/11	To Alien Property Custodian	Encl. copies of letters. W
✓ 325484	7/11	To Sec. of Interior	Re: that patent and other rights of the Paulsen and Polson patents be held in secret file. 2/4 To Interior Dept - Req drawings. 2:4

PATENTS:

Number.	Date.	From or To	Subject.
327684	—	War Department	Fwds copy of report from patent section relative to infringement of radio patents and rec. bureau enter into negotiations in connection with.
327697	7/19	To NY (1)	Patent books available in B. Conn. elern. to
328369	7/19	To J. M. Mayer Judge matter with attorneys	Re: suit pending in Court of J. C. Hewitt & Peter Cooper & Hayward - Submits detailed information requit and request conference in connection with. To Honorable J. M. Mayer - Request that no further steps be taken in the litigation of Peter Cooper Hewitt and American P. & T. Co. relative to vacuum tubes. Let or of introduction for Mr Whitmore who will cover books of wireless patents. W
329514	7:19	Emory Booth & Verney	
330719	7:23	Emory Booth & Verney	Fwds list of prints which may be German owned. Necessary to have assignment search patent office. W
331150	7:26	Fed Tel Co	Relative to Folsen Wireless Corp and Fed Tel Co are doing everything possible to stop further publications. W
331306	7/26		

PATENTS.

Number.	Date.	From or To—	Subject.
295153	2-24	Patrol Force	Request four 1/4 kw portable radio sets be furnished for defense of Florida Straits. W
CANCELLED		- TRANSFERRED TO CARD #897	To S&A—Reqd shipt of port set from Wash to Patrol Force at Key West. 4/8 To—Gives action. 4/8 Key West 4:29 Key West 8:30
294631	4/9	To Phila n	Forwds booklets covering 1/2 KW impact type radio set being manufd by Cutting & Washn. W To Phila. booklet. Re co. late and marked case reced with. Circ. Co.
297704	4-12	A Fed Tel Co To C W WALLER—4-19	Forwards proposed agreement for sale of all patents, rights and operating property owned by the Poulsen Corporation and the Federal Company. Previous agreements providing for monthly payments, to terminate on execution of these agreements. W
		Original letter not sent. settled without legislation. Copy of contract.	To—Acknowledges with comments 4/12 Federal Tel Co sent early decision on proposition submitted April 12th. W
		Solicitor—Sends copy of contract 1541 w Federal Tel Co to Arthur in re. and to inventors and accowrder and letters of patent. W	S. J. Steadman—personal—asks if desire apptmt Washn. 4/16 To S. J. Steadman—Acknowledges letter. 4/20 To C. W. Waller—4/20 To Dept.—Purchase rights and property of Federal Tel. Co. and Poulsen Wireless Corp. In re 4-19
298505	4/15	Belmar	Reqst patent be taken out to cover elimi- nating device originated with A White Taylor transatlantic communication officer. 908 To solicitor. Asks what action taken on let. of 4/24. 7/5 908

896 PATENTS

Number.	Date.	From or To	Subject.
303788	5/4	Naval Communications	Quotes letter re Inca Acoustic apparatus for aerial communications by sounding waves - intercepted from C Marshall to Julio C Acurio. W Fwd Nav Intell--5-10 RB 6-15. W Fwd. Command. 5/19
303880	5/8	Marconi Co	Recommends no decision be reached at present re Marconi Co assuring repairs on radio apparatus on vessels. W
307916	4/27	Richard Pfund	Fwds memo concerning patent #1214501 to Great R. German subject-coo rling radio & circuits. W Richard Pfund fwds additional infor. W
307917	5-27	S.J. Steadman (Marconi Co)	Replies to criticism of attitude toward Navy Department, in connection with negotiations of the England Marconi Company to obtain improvements of the Federal Tel Company. C S. J. Steadman - This copy of letter to Federal Tel. Co. 5-28
306928	5:16	Parts.	Sub report of operation of difference ⁱⁿ make of transformers. A

PATENTS.

Number.	Date.	From or To—	Subject.
✓253012	10/2	E. J. <u>Simon</u>	1 kw panel sets; states is not in a position to waive all rights to design and furnish specifications and prints to Bureau and gives reasons in detail. W To—Comments on. 10/8
253551	10/8	To Nav Com Hammond Radio Research Lab. Thanks Bu for Corp'n W 2-23	Fwds letter from John Hays Hammond, to Chief Signal Officer, War Dept., for action. W Nav Com 11/19 Fwd Nav Com. 11/21 J H Hammond 2-6 To Harvard School. Fwd Ensign Snyder to witness demonstrations. 2-14
✓255448	10/17	Atlantic Communication Co	States license agreement between Dept and company expired; request check covering royalty due from Jan 1 to June 30, of this year W To—Cannot consider at present. 11/1
257263	10/26	Vernon Durbin VOID	Request test of new fire control. L
257268	10/26	Solicitor	Dr Louis Cohen: Fwds copy of agreement for purchase of drawings of receiving apparatus. W Fwd S&A. 11/3
✓260940	11/15	To F.A. Kolster	Directs submit bill to Bu SE and it will then be fwded to S&A with appvl recommended. W

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Number.	Date.	From or To—	Subject.
261880	11/19	F. A. Kolster	Fwds bills for \$25.00 for payment of radio compass - K To S&A--Rec payment. 11/22
262701	1/10	NY Patent Exportation	Rel to license covering mfg of the Seibt patent. W
272530	none	Stedman Atty for Marconi Co	Copy of letter to Federal Co and Secy of State rel to examination of Muller Improvement Co and the Paulson. Arc by Dr. Cohn same to be confidential.
274262	1/16	Walter Humphrey T	Request be ordered to Wash in connection with suits against Gallery Steamship Line and Marconi Co. To--(T) Directs proceed to Wash at nec. 1/17
277376	1-26	E. J. Simon	Simon quenched gap pattern - fwds copy of pattern. W To NY--Fwds copy of above for comment. 2/5. Insp NY - Rel to Simon's letter of 1-26 2-21 To NY-- /26 To NY--Recd reply. 3/7
34429	2-20		International Signal Company claim. 2-17 I.C. O.C on account of inter litigation and development. to be litigated along radio co. classes on contract 234429 and any future contracts. 529
	2-19		To acknowledge. 4/5

PATENTS

Number.	Date.	From or To—	Subject.
✓ 200862	9-30	Solicitor	Agreement with At Com Co. licensing Navy Dept to manufacture certain radio apparatus. W
✓ 200905	9-26	At Com Co	11/8 Seibt patents; asks statement of basis on which Govt desires license. W To—Lieut. Hooper will discuss on next visit to New York. 10/2 Co makes appointment for latter part of week 10/17 Co has taken over Seibt patents from Genl Transmission CS. 11-3
201607	10-9	Solicitor	Memo agreement Fed Co permitting Govt to manufacture arc radio apparatus. W
203445	10-24	Knight Bros	Fwds papers in connection Arco Rendahl quenched gap case. W
205214	11/7	Clark, Geo. H.	Development of new type radio receiver by enlisted personnel; recommends Gunner Eaton be allowed to take up patent 898
/ 212697	1-2 12-23	Radio Aide Forges Dept	Roraty nonsynchronous spark gap; request authority to take out joint patent with Commander A. J. Hepburn. W Fwd Dept—Rec appvl. 2/13RB 2-17 To A. J. Hepburn via SO CARO—Fwds copy of lett r to Phila. 2/19 To Phila—Appvs request. 2/19

PATENTS: 896

Number.	Date.	From or To—	Subject.
✓ 215883	2-19	Fed Tel Co	Agrees to extend license for manufacturing arc sets when formal application is recd. W
✓ 226611	5/4	Atl Communication Co.	Request confirmation of decision that the Dept does not desire to take option on sub pattern W Fwd Sol--5/8
✓ 233550	5/30	To Commissioner of Patents Interior Dept	Reqt status of patents respecting radio transmitting or receiving apparatus, etc. W Patent Office fws patent, of 7/9 Patent Office fws. 7/16
239087	7/12 7/17	Atlantic Communication Co Dept	Asks if wireless agreement of Jan 1, 1916 is to be renewed. W Fwd Dept--10/22 RB 10/26
✓ 245332	8/21 To--12/31	Western Elec Co	Gives statement which is stamped on bids which would release them from penalties and suits for infringement on apparatus furnished government; request Bureau's policy in regard to; also fws correspondence with the National Elec Signalling Co relative to their patents. W To--Comments on. 8/31 Co further data relative to cooperation with amplifier set and auxiliary equipment for use with Fessenden oscillators 10/12

PATENTS:

Number.	Date.	From or To	Subject.
171792	11-22	To Yards.	Radio patent descriptions; Bu has arranged with Patent Office that copies of all radio patents be mailed to yards for information of radio aids. W
174717	12/23	Norf	Reqd instructions relative to allowing expert radio aids to submit applications for patents on radio material. W To--Comments on. 1/18 Halborg, H.E. Application for patent 3-11 Fwd Dept--Rec recognition be given on record for. 4/18 BB Dept authorizes application for patent. Navy to have free use 4/24 To--Gives Dept's action. 5/8
178903	2-9 2-11	Atlantic Communication Co Dept	Reqd statement that apparatus manufactured under a license. W To--Submits statement of apparatus. 2/23 To Atl Com Co--Reqd reply to Bu letter. 5/23 At Com Co fws data 3-24 At Com Co will fwd cont next week 5-10 At Com gives reasons for delay 5-17
183213	4-20	To Dent Via Rad Ser.	Patent by naval employees: reqd arrangements be made with Dept Interior for providing a secret file of patents in order Govt not receive advantage of invention without placing inventor in position of not receiving credit for Nav Intel matter before Congress 5-13
186582	Fwd Sol--10/16 4-27 To S&A--Have rec payment. 10/14 At Com Co S&A recd action 10-10 At Com Co. reqd action 8-15 Fwd Dept--9/5 At Com Co no voucher recd 9-25 To At Com Co- 9/26		Royalties on radio apparatus: agreeable for the Dept to have until May 31 st to render account for term end Dec 31. W To--Gives amount due under agreement. 5/17 Co fws bill 5/20 Fwd Dept recommending payment 5/31 Fws copy of letter to S&A transmitting bill for royalty. W To--Ack receipt of. 5/24
188553	5-20	At Communication Co	

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Number.	Date.	From or To—	Subject.
189377	5-29	Clark, GH	Request permission to obtain patent on attachment to wavemeter; gives description. W Fwd Dept— Rec appvl. 6/2 RB ap'd 6/20
193242	7-10	At Com Sys	Request appointment for Thursday to settle agreement. W To—(T) Grants appointment. 7/12 Co proposes different date for appointment (T) 7/13 To— Wednesday satis! 7/15
184490	4/29	Fwd Dept	Reqt contract be made with Fed Tel Co to manufacture apparatus under their patent 876
196231	8/10	Knight Bros At Com Co have rendered bill to SEA; Fwds copy of 1/16	Fwds copy of proposed agreement; Navy Dept. Atl Com Co; allowing manufacture of apparatus at navy yards under their patents, upon payment of royalty. W Knight Bros lists patents stricken from schedule 8-11 Fwd Dept— 8/16 Fwd dept 8-19 Knight Bros reqt action 8-26 * To Atlantic Comm Co--Directs submit bill to SEA of \$2,992.62 for royalty on radio apparatus mfgd. 1/15
19763		Knight Bros	Fwds agreement executed induplicate by Atlantic Communication Co, eliminating Sept application. W Fwd Sol 8/25
199479	9-8	Knight Bros	Ack notification W. Humphrey will be Dept representative in all matters affecting license agreement At Com Co.
20552	9-28	Knight Bros	License agreement At Com Co. Fwds copy assignment of patents in detail W Fwd Sol—10/3

PATENTS:

Number.	Date.	From or To	Subject.
48349	9/6	Dept. Justice	Reqt. copies of papers and other information from Bu. Equipment files in connection with infringement suit of R.A. Fessenden. W
59131	1/20	To Patent Office	1912 Requests copy of patent No. 700,250. W
59444	1/24	To Patent Officer	Wireless telegraph; request copies of patents, if any, other than those listed. W/ To --- Request reply. 2/15. Fwds.
86392	1/2	To Interior Dept	1913 Radio-telegraphic apparatus, requests that in examination of patent applications, full protection be afforded the inventor to extent of official publications. 674
87370	1/10 1/11	Patent Office. Dept.	Radio patents. Requests Navy call attention to any radio publications not specially common or accessible which may be of use to examiners. States Dr. Austin's paper, of which notice was given, is not in patent office library. W
101157	7-7	NY	Galena crystals for detector; price excessive reqt. patent situation be looked into, in connection with mfg. 898
131518	8-4	Clark, G.H.	Reqt ruling on Expert Radio Aids securing patents on developments and improvements which they may make in radio apparatus; Govt to be granted free use of such patents. W Fwd Solicitor asks if any legal objections in way of granting permission to take out patents developed in course of Govt work. 8/6

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Number.	Date.	From or To—	Subject	
134202	8-31	Cohen, Louis	High frequency generator; transfers all rights to basic theory	882-3
131518		OVER	Dept 12/2—no legal obstacle; Dept has no objection.W	
✓ 160274	7/9	Norf	Reqt all patents covering high speed automatic telegram apparatus.W To Patent Office--Reqt information be furnished: 7/15 Patent Office; recommends employee be detailed to make selections.W Fwd Norf-- 7/30 RB 8/4	
		To--Comments on 9/4 Norf reqt authority to develop relay key 9-14 To Norf--Appvs 9/15 Norf--Int. Sec report 9/21. To Norf--Appvs 9/25		
161357	?	Radio Division, Bureau	To Norf 8/20 Norf awaiting Instrum Inventions in radio; summarizes Bureau's Policy of cooperation with inventors and manufacturers.W	8-25
✓ 163487	8-9 8-12	Hill, Guy NY	Reqt loan of drawings for wave changers and loading coils for ss in manufacturing by private concern for sale; covered by Clark and Hill patent. Has agreed for own to ss but objects to own allowing mfg by private concerns.W Fwd Dept VIA SOL; no objection 8-18 RB appd 8/24 ref. N.Y. appvd does not desire to encourage such practice 8-25 RB 9/14	
166392	9/21	DeForrest Co.	Fwds list of DeForrest, Stone and Ehret patents controlled by DeForrest Co. W	
170937	11-11	To Patent Office.	Reqt copy of radio patents as issued from time to time be fwd to Yards for their information. To--Add Pansa to previous list. 10/17	

FILE No.	From or To— (Dated)	Subject	
28639 1/6	Waller, C.W.	SUBMARINES: fwds drawing of	907
31012 2/7	To Valores, I	W.T. APPARATUS: concerning "Phares Hertzians" for use of vessels navigating in a fog	876
34869 3/27	NY Yd. 855-31	BREAK: rel to the inspection of United Wireless Telegraph Co.'s. W	878
35310 4/3	Richardson, C.E.	WASH. L.D. "STROMOLITH" states owner of right to make, not in position to introduce the material at present time.	841.
✓ 36053 4/5	Dept. Justice	Fwds claim of National Elec. Sig. Co. against the US for \$100,000. for damages for use of patents owned by Company. W To Dept. via J&A. Fwds copies of papers relating 6.4/26. Fwd J&A 7/26.	
37258 4/25	At. Flt	REC & Send: fwds report on duplex break for use with, invented by Elec. Hudson & Linville, of the Panther: States operation is practically perfect.	898
✓ 38054 5/5	TO Commissioner Patents	Recd. copies of wireless patents. W Fwds. 5/9	
39532 5/23	TO Commissioner of Pat.	Recd. copies of certain wireless patents. W Copies of patents recd. 5/29.	
✓ 43642 7/13	Dept 18668-34-10	Fwds. call for papers on infringement suit of Nat. Elec. Sig. Co. against Telerungen. Copies of furnished, but need certification. K	



Number.	Date.	From or To	Subject.	
652327	12/4	Marconi Co. and Bower Co.	Marconi Co vs U.S. will be held Dec. 12. Rats Dr. Miller be present W To-- gives Inform W 12/7	41

PATENTS INFRINGEMENTS

1922

Number.	Date.	From or To--	Subject.
641926	7/15	Pennie-Davie-Marvin & Edmonds	Wireless Specialty Apparatus Co suit against Freed Eisemann Radio Corp govt infringement of patents on Crystal Rect sets etc W
641973	9/6	Freed Eisemann Radio Corp	Fwds copy of New York Law Journal containing decision restraining Wireless Specialty Apparatus Co from continuing for publication of warning notices W
645330	10/6	Dept Justice	De Forest vs United States- request appointment for conference rel to. T.
646770	?	Wm. H. Brown	Requests certified copies of blue prints with patent on in regard to infringement suit. W Fwds J A G 10/27

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PATENTS IN PROGRESS

1942

Number.	Date.	From or To.	Subject.	
642945	10/26	Dr. G Seibt	Offers a sist nce in connection with patent suit by general transmission Co. w Memo for office of Naval Intelligence- To Atty General- Fwds letter from Dr G Seibt 11/21	11/18
650905	11/21	Edward. Sager and Bowers	Records of Marconi versus KC Co. Fwds to Cur au W Edward Sager and Bowers 11/20 Fwds re: Oris W To Edwards Sager and Bower- Gives action taken 11/25 To E Sager & Bower (T) Doctor miller will be in NY Monday morning 12/16	
651874	12/1	W.B. Friess	Action received of copy of prints of radio test shop for use in suit against wireless apparatus Co. w	

PATENTS

INFRINGEMENTS

1922

Number.	Date.	From or To—	Subject.
622930	5/9	Western Elec. Co.	Subm inform rel to suit brot against Co. by Internatl R/T Co. on infringement of patent cov material on Navy contracts listed. W
623182	5/2 5/11	Dept of Justice JAG	Request inform rel to A. C. Fuller vs United States on patent for improvements in radio apparatus W. Feds Judge Advocate Gen 5/16
624744	5/20	Bur Stand Labr.	Subm report by Dr. J.M. Miller cov patent investigation of Schloemilch vs Bronk on means for receiving electrical oscillations. W
625520	5/22 5/26	Fish Richardson Nease JAG	GAIE patent maintains same is valid and is infringed by RA oscillator. W Feds Judge Advocate Gen 8/10 RB 8/10 W 8/26 Feds Judge Advocate Gen 8/26 Dept- Copy action to Disg Richardson Nease- 9/1 W.
636673	8/1	H. Knight-	Wireless Spec. Co. vs Freed-Elsman Co. - information relative to. W.

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N. Eng. 134

PATENTS INFRINGEMENTS

1922

Number.	Date.	From or To--	Subject.
625097	5/26	To Hon Attorney General (Asst Sec Sig)	Fwds cc of a report of U S Research lab covering experiments made with the circuits shown in patent issued to W Seblesmich and C von Bronk Dept of Justice- 6/2 W.
628643	6/15	Sperrys Co CANCELLED Sec- 674-1	Have withdrawn suits pending in Court of Claims W
629823	6/28	To Hon Attorney General (Sec Sig)	believed that Mr. Wallace has considerable claim on circuit which will have bearing on Armstrong invention. W
63029	7/19	Mr Dept	Copy of Mr. Dawsonson say. ing of direction from S. ... British patent 10,500 News- War Dept- Gives Inform W

[OVER.]

PATENTS

INFRINGEMENTS

1922

Number.	Date.	From or To—	Subject.
615747	3/7	Dept Justice	Ask if Comdr. Loftin can be in N.Y. in conn with J.H. Clarke testifying in favor of Teagant. 7.
616303	3/27 12	Yreland App'ro. Jag	Sum. proposition rel to settlement of claims against Govt. arising from alleged unauth. usage of R claims. 7. Fwds Judge Advocate General 4/26 Fwds Dept 5/17
369219	FROM CARD	37	Erory Yarnov Blair & Voguet- Deposition from Comdr. Loftin desirable. 4/17 W. To R S Blair- Gives instrns 4/21 R. S. Blair- 4/22 W. R. S. Blair- Fwds copies of correspondence 5/11 W. To Dept of Justice (Asst Sec Sig) Fwds copies of papers listed 5/19 cc Robert S Blair 5/19 Department of Justice- Fwds license agreement executed by Westinghouse E/M Co. and Radio Corp of America. 8/22 W. Fwds JAG via S&A 9/30 Dept Justice- Returns correspondence. 11/17 To Dept of Justice- Fwds correspondence 11/14 W.

INFRINGEMENTS

INFRINGEMENTS

1922

Number.	Date.	From or To—	Subject.
619142	4/7 4/17	Sheffield & Betts JAG	Request certify copy of Bureau radiogram 1/14/14 #114984-900. W. Fwds Judge Advocate General 4/25
619140	4/13 4/17	W. H. Pumphrey JAG	Invites attention to U. S. Circuit Court of Appeals rel to J. H. Armstrong & Testinhouse E.M. Co. vs DeForest Co. on so called feed back circuit. Fwds Judge Advocate General 4/21 JAG- Request Dr. Austin testified. 5/2 W Fwds L. M. Austin 5/6 RB 5/27 W.
620397	4/22	Internatl Device Co.	Request copy of accounting made by inter-Department "radio" and on their claim. To International Device Co- accounting sheets of board show allowance as listed 4/27
621716	5/3	R. S. Blair	Rel to interferences, Taylor vs Weagant and Taylor vs Hogan; ask Taylor's present connection with Government. W. To R S Blair- Fwds cc of assignments 5/6 R. S. Blair- Acknowledges receipt of papers. 5/8 W

Number.	Date.	From or To--	Subject.
60335	?	Sheffield & Betts	Will all Clark v. Weinstein Co. request authority for W. Benson and W. Klaus to Am. Pat. Office to testify. To Am. Pat. Office- Request Lt. W. Tattersall will be authorized to call to Washn. when reg- uested 1/7/22 Sheffield and Betts cc Sheffield and Betts 1/7/22 W. To Am. Pat. Office- Request Lt. W. Klaus and Junner to Am. Pat. Office to testify in patent interference Lowenstein v. Will. and Clark v. Clark when requested to do so cc Messrs Sheffield and Betts 1/9/22 W. To Com. at Washn. that Art. man Electrician J. E. Tattersall be authorized to testify in patent interference case between Messrs Sheffield and Betts 1/9/22 W. Lett- Copy of action to co. motions. 1/10 W Sheffield and Betts- 1/17 W. Sheffield and Betts- Subm. list of witnesses requested to testify. 1/17 W. To Am. Pat. Office- Request Lt. Tattersall be authorized to call to Washn. when requested 1/6/22 cc Sheffield & Betts- Request document granting Navy right to operate station at Colon. 3/21 W. To- Sheffield & Betts- Gives Action taken 3/24 To J. Messie- Request full in. com. regarding request for executive order. 4/14 W. To J. Messie- Request full in. com. regarding

1922

Number.	Date.	From or To—	Subject.
607790	1/19 2/1	R. Hoguet Communications	ask if reduction to practice by G. H. Clark was a reduction to practice within the United States or accomplished in foreign country. W. 10-11-1921 1/8
608056	2/2	Dept Justice	Meissner vs Poopen vs Armstrong interference producing receivers finding was in favor of Meissner. W.
608201	2/5	G. H. Clark	request instrn books prints and correspondence be turn for use in Hill-Clark vs Lowenstein interference. W. 2/7 To Judge Advocate General- Gives Instrns 3/18
609219	2/9 To H.S. Blair-2:20-W TO YARD 38	Emory Varney Blair & Hoguet	Taylor Hogn and Taylor-Teagant- inter- ferences- ask if Cdr. Taylor can attend. 2/9 W to- gives Act. 10/14 Em. Varney. H. Hoguet - gives date of testimony 2/16 W Emory Varney Blair & Hoguet-2/18 W
609006	2/14	To NY	Rec. rot. for use in connection with patent infringement case. C. H. Blair & Holland C. H. Blair & Holland - Betts W

Number.	Date.	From or To—	Subject.
570060	6/13	C. A. Mason	Ask what interdepartmental radio board
	6/16	Naval Intelligence	proposed to publish rel to Title Insurance and Trust Co. & W.
			To C. A. Mason 6-24
573493	7:6	Lowenstein Co	Reqd loan of transmitter as furnished by Co on contract 231-none on board PUEBLO.W
			To Lowenstein 7-9
			To N.Y. 7/9 install on PUEBLO.
574574	7:12	InterDepartmental Radio Bd	Dept declines continuation of services of J...Bouslog in connection with claims. W
		fwd Asst Sec 8/4	fwd Asst Sec via S&A 7-14 RB 7/20
574766	7:12	Emeroxy Varney Blair & Hoquet	Recommends negotiations relative to submarine signals interference be concluded at once. W
574803	6:29	Hon. W. E. Lineberger Hon. R. Z. Osborne	Introduction of J. M. Sheridan relative to claims of J. M. Hanson before interdepartmental radio board. W
			To J. M. Sheridan 7/18
			To Hon Osborne 7/18
586200	8/15 9/19	Radio Corps S&A	Request guarantee clause be incorporated in contract that Govt will not sell material called for. W.
			Fwd S&A cc Key West 9/27 RB 12/3 WR
			Fwd S&A cc Key West 12/8
589329	1/28	Dept of Justice	Pupin and Armstrong vs Meissner-In co n with low frequency receiver patents. W.

Number.	Date.	From or To—	Subject.
✓ 594915	11/4	De Forest Co.	Will accept reasonable reward for infringement of United States on their patents. To-- If company is willing to accept sum arrived at by board in full settlement of its claim both prior to and subsequent to the sale of patent rights to The Western Elec Co that Board will recommend acceptance of offer 11/12 De Forest Co-- Will accept settlement of \$21,440.17 11/14 K To-- Gives Action 11/26 To-- Chairman Interdepartmental Radio Award Board of letter of De Forest telephone Co- 1/6/22
6598	11/14	To Subm Signal Co.	Rel to infringement of patents. WR. 706
✓ 598063	11/28	James Francis Burke	Ask if any progress being made regarding the prospective settlement of radio claims. To-- no inform available before 12/15 12/2
✓ 598831	11/29	Dept of Justice	Re decisions rel to interference involving application of patent of Meissner. W To-- Dept of Justice notes the counts in the interference De Forest vs. Armstrong vs. Meissner vs. Latham involving the three electrodes oscillator 1/5 W/22
14411-590	11/21	15th N. Dist- Eng	Wave changer or part wanted as exhibit in patent suit.

Number.	Date.	From or To—	Subject.
✓ 551140	3/4 3/7	Philip Farnsworth Emery Varney Jemey.	Protest against paying National Elec. Supply Co. for assistance in Dubilier Condenser suit. W. To R. Hognet- 3-14 Emery Varney, Blair Hognet- Comments on controversies. 3/14 W.
✓ 551070	3/11 3/11	M. C. Massil Solicitor	Request authority to get correspondence from Hill-Clark & Lowenstein Sait for Lowenstein Co. W. Fwd S&A 3/15 RB 3/17 W. Fwd S&A 3/23
✓ 552731	3/21 3/21	Dept of Justice Dept	Request Dr. L. W. Austin be allowed to testify in case of J. H. Rogers vs U. S. W.
554189	3/28	Lowenstein Co.	Request 5 KW radio transmitter installed on similar to those installed on Scout Cruisers To be loaned in conn with patent suits. W.
554392	3/29	Lowenstein Co.	Request action relative to loan of transmitter for evidence. 4/3/21 W. Fwds copy of letter to N.Y. rel to loan of certain Lowenstein Apparatus for use in conn with patent interferences. W. Fwd Solicitor 4/2 RB 4/8 W.
555742	4/8	To Boston	Reqst be informed if spark set removed from BIRMINGHAM is in store at Boston- available for immediate shipmt. W.

PATENTS INFRINGEMENTS

1921

Number.	Date.	From or To—	Subject.
554189	5/3	To Boston (T) SEE OTHER SIDE	Auth loan radio transmitter less meter generator to Lowenstein Co Brook-all charges of packing and shipping borne by Lowenstein W To Lowenstein Radio Co (T) Gives instrs 5/3 Boston 5/25 To Boston 5-2 Lowenstein Co. 5/17 W Lowenstein Co.- Rpt action in conn with loan of transmitter table 5/23 (T) W To Lowenstein Co- 5-23 To CO PUBLIC Tel 5-24 To Lowenstein Rad Co Tel 5-24 To W - Gives Action taken- Rqsts dispositi n of 3/31/23
563065	5/6 /10	R. F. Steward S&A	Rpt photostat copy of bid from Radio Tele Co. for wireless apparatus to furn on schedule 2115. W fwd S&A- 5/12 Lowenstein Co - Rpt copy of bid. 5/11 W. Halle & Scott- 5/12 W.
564435	5/17	Solicitor	Fwds opinion of atty general rel to rights of General Transmission Co. under Leibf patent. W To Inter Dept Bd. 5-23 fwd Solicitor 5-23
565939	5/24	Pennie Davis Marvin & Edmunds	Fwd Judge Mayer's opinion on Armstrong feedback case. To 5-26

Number.	Date.	From or To—	Subject.	
~~531085~~	11-8	To Patent Office	Pwds license agreement between Dubilier Condenser Co. and U.S. must be recorded	W
531089	11:24	R. Hoquet	Copy of letter to NY in connection with return of exhibits to original locations under custody of B.H. Clark used in suit Dubilier vs. Wireless Specialty Co. W	
531085	11:23	R. Hoquet	Pwds bill from National Elec Supply Co for services Dubilier Condenser case appeals against W. To R Hoquet- 11/29	
530776	11-22	Sheffield & Betts	Reqst F.B. Finney, Chas yard be auth to give testimony in conn patent interference Hill & Clark vs Lowenstein Radio Co W and Secty with suggestions 11/26 To - G yes action taken 11-27 Sheffield & Betts- 11/21 W.	896
531150	11-27	To Washn	Authorizes Capt Hill one of inventors to confer with C-I-C of Radio Test Shop as to what photographs needed W	
520414	11-27	To Washington	Reqst copy of Pur of Equipment recn 181 covering wireless sets, dated April 1st 1910- W	1910- W
531583	11-30	To S&A	Reqst shipt of wave changer from Washn to Sheffield & Betts Washn- (loan) W to Sheffield & Betts- Gives cc S&A Washn W 12/9	

PATENTS INFRINGEMENT OF

Number.	Date.	From or To—	Subject.
✓ 532646	11/24 12/1	Internatl R/T/Co/ Solicitor	Request permission to take testimony of Chief Gunner A. E. Wallis, in interference with P.X Vreeland fwd Solicitor 12/9 RE I-21 fwd Sol 1-24
✓ 533780	12/9	Sheffield & Betts (T)	Request authority for JW Facey formally on ABIL 343 to testify in interference rel to tel-rucken instn on board ABIL 343. W To S & B tel 12/10 To American Gas Accumulator Co- (T) No objection to testimony for Affr and Clerk in re instn 12-10
✓ 539826	1/11	Lt. Cdr. A.W. Stevens (T)	Forest & Armstrong Suit. W testifying in De-
✓ 543345	1/27	Court	fw folders in conn with claims of T. A. responden for remuneration covering amount expended in developing inventions fwd by Court. W.
520505	FROM CARD 35		Exp. Sta. - fwsd copies of reports. 3/3 W To J S Esby Smith- reports previously fwded all in files 3/11

PATENTS INFRINGEMENTS OF 1920

Number.	Date.	From or To—	Subject.
520305 TO CARD 34	9/28 10/1	Pratt Stone Boyden Solicitor	Request notes of correspondence rel to interference in patent office between patent of J. H. Rogers and application of A. Williamby and R. D. Lowell. W.
520512	10-4	To Nav Acad- 2-8-21 RB 2-14 To J. S. Esby Smith- fws 2-18 To R.F. Miessner To Sheffield & Betts/ 10/4	And Sol 10/4; RB 10-29; W And Sec 11-13 J Esby Smith-fws copy of corresp and reports 2/21 Confirmation of phone convers. in rel pat nt interference Hill & Clark vs Lowenstein W Sheffield & Betts- Request data rel to patent interference of Hill-Clark vs Lowenstein. 9/25 W
520613	10-4	To B.F. Miessner	Rel procedure in conn with telephone & pr. W
520612	10-4	To Wireless Spec Co	Johnny letter of 8/6 rel depositions in suit of Dub vs Wireless W
520961 N.Y.	10/5 3/16	To R. Hoguet W.	Rel papers in suit of Dubilier vs Wireless W To G. H. Clark 10/5 To Dept Justice 10/5 To Boston 10/5 To N.Y. 10/5 Emery Varney, Blair & Hoguet-Returns duplicate original license 10/15 W To & c now 10/19
520961	10/1	Dept of Justice G. H. Clark- 10/6	Request further data in case of Dubilier Cond. Co. vs Wireless Spec. Co. W. Emery Varney & Hoguet. 9/25 W. G. H. Clark - Send list of apps used as exhibits. 10/6 W.
521199	10/1	Content all 5/1/21	Status of patent applications of Fed. Tele. Co. W

EVENTS IN RELATION TO

Number.	Date.	From or To--	Subject.
521865	10/9	G. H. Clark	Request definite information regarding certain a. p. s. which was at Sayville, N. Y. with litigation re to spark wave changer patent.
	11/26	Sheffield & Bettis- East-EM Davis	To N.Y. 10/12.
		To Sheffield & Bettis Gives action	N. Y. : two drawings and vandykes: 10/27: W
523787	10/16	N.Y.	To E. Veill- Rds Co. for print 11/5
			Lists material used in suit, Dubilier vs Wireless Specialty Co. delivered to Radio Labr? New York. 2.
524170	10/19	G. H. Clark	Request N.Y. be directed to permit withdrawal of portions of litigation exhibits stored at that yard. W.
525604	10-26	Wireless Spec. Co	Request return copies of depositions in Dubilier Condenser suits: W
526071	10/30	To R. Hognat	Su. suits conference with Bureau in re to employment in patent cases. W
525439	10/30	To Secty	Final papers in settlement of suit Dubilier Cond Co vs Wireless Spec Co. Rds papers to Secty- 2-18-21

N.S.E. Form 134.

PATENTS INFRINGEMENTS OF.

Number.	Date.	From or To—	Subject.
510943	8/4 8/7	Dept of Justice Dept	Request inform for use in case of Willoughby and Lowell vs Rogers. Fwd Sec 8/15
512192	8/16	Solicitor	Fwd copy of petition in Court of Claims of Natl. Elec. Signaling Co. vs U.S. Dept of Justice request inform in conn with. W. Fwd Comm 8/21
515462	9/2	Harry Varney and Blair Hoguet	Fwd corr. correspondence on tentative settlement, Dunbar vs Wireless Specialty suit. To Ramsey from at NY at agreement after is drafted & executed by Dunbar and Co and Wireless Specialty Co before being fwd to Dept 9-7
519489	9/23	Interdepartmental Radio Bd.	Subm change report rel to claims of various Co's against Govt. for use of various patents of radio apparatus during war. W.
519546	9-28	To G.H. Clark Radio Corp (T) NY Hoguet	NY yard authorized by wire store exhibits To NY (T) rel above 9-28 G. H. Clark (T) - Hoguet desires to retain Govt exhibits for further possible use; suggest storage at NY. Yard. 9/27 W. For Hoguet NYC quotes from despatch sent to NY 9/28-- 9-29 To G. H. Clark quotes from despatch sent to NY 9/29 W. 9-29

PATENTS INFRINGEMENTS

Number.	Date.	From or To	Subject.
✓ 494005	5/10	Roberts & Skel	Fwd'd copy of decision in case of Marconi against Kilbourn & Clark. W.
✓ 494308	5/13	Fed. Tele. Co.	Patent of J.M.J. Mackay, assignor to Fed. Tele. Co. is a direct infringement on Folsen arc patent. To Fed. Patent not considered seriously 6-15 W.
495065	5/25	Dept	Request Lt. Comdr. ~~Bortin~~ prepare a statement of test witnessed by Board in conn with claim under Vreeland patents. To Patents Bd. statement has been fwd'd 5-27
498295	6/7	Wireless Spec. Appr. Co.	Request Boston Yard be authorized to ship condensers in conn with Dubilier suit. To Phillip Farnsworth instructions have been issued to Boston yard- cannot change 6-12 W.
✓ 499943	6/16	Wireless Spec. Co.	Have finally succeeded in getting Dubilier Condenser case set for trial. W.
		To NY radio aides J.A. Keller and Harry S. Lang will be required 6/24 cc R.H. and DRMO NY	To R. Hognett- advise list of witnesses required 6/23
		Wireless Spec. Co.- Best copy of copy order rel to fixtures at Navy radio stations. 6/24	To P. Farnsworth- ack now 6/22
		every, Barney Blair and Hognett- 6/24	To P. Farnsworth- fwd'd into 6/23
		To Phillip Farnsworth- fwd's copy of order 6-28	Wireless Spec. Co. 6/21 (2 letters) 6/22
			To Phillip Farnsworth, Capt Hepburn will be in NY on Thursday 6-24 cc R. Hognett
			To R. Hognett- rel trial of Dub vs Wireless 6-24
			To OHIO Regd orders for Lt Mengerami to proceed to NY 6-24
			To Asln. reqsg orders for Lt Eaton 6-24

Number.	Date.	From or To	Subject.
500020	6/7	Emery, Varney, Blair & Hoguet	Was copy of letter from L. Farnsworth asking if Govt witnessess can be turn in Dubilier suit. W
202522	FROM CARD 17		Knight Bros. - Was copies of evidence. 11/6/16 W
501974	6-29	To Philip Farnsworth	Was copy of letter from Mr. Chas Dushkind dated 2/25/19 with copy of Dept action Wireless Spec. Apr 30, 7/6/18 W. W.
504250	7/8	Wireless Spec. A pr. Co.	Detailed comments rel to recent patent granted to Wm. Dubilier. W.
505501	7/15	Emery, Varney, Blair, Hoguet	As to if closely connected with navy could easily as to actual standing of W. Dubilier in radio art. W.
05688	7/16	Dept	Under water wireless presented by P.E. Stogoff through J.O. Fran was full corres in connection with h.w. 875

PATENTS INFRINGEMENTS

1920

Number.	Date.	From or To—	Subject.
481812	FROM 28		To Philip Farnsworth- Fwds specims 4/27 Ports 4/28 W. Wireless Spec. Co. pr Co. 5/3 W To Philip Farnsworth- condensers were not in use in British navy prior to dates 5/11 Wireless Spec. Co. pr Co. 5/12 W. To Comdt Boston- rel delivery to Wireless Spec Co. 6-7 co y DELO Boston To Philip Farnsworth- co y DELO Boston and Wireless Spec Co. rel phone conversation delivery of condenser 6-7 Wireless Spec. Co. pr Co. 6/8 W. To Boston 6-12 co y DELO Boston RB 6/17 W To Philip Farnsworth- Boston has been requestd to make sdpt to NY- 6-12
485961	FROM 29		To Comdt Boston- request W.G. Wheeler be interviewed testify 4-29 To Sheffield & Betts- Ports instructed with leave of radio air Martin visit N.Y. yard in re to testimony 4/30 To Comdt N.Y. request Rec. of Linda Martin be permitted visit yard 4/30 To Ports (T) with leave in re to patent interference 4/29 To Im Ports. confirms despatch of 4/30 4/30
494006	5-17	To Wagner Elec Co	Asks information in re to Mr. Fynn- in patent for lighting arrestor, which now before Bd. desires interpretation of scope of the showing of his patent. W Wagner Elec. Co. 5/19 W

Number.	Date.	From or To-	Subject.	
491215	5/1	Radio Corp of America	Fwd's bill covering amount paid to I.H. Clark as salary while he was engaged on Govt. business in conn with Dubilier & Co. vs Wireless Specialty Co. To Radio Corp of America - Su rest submit bill to Wireless Spec. Co. 5/5 Radio Corp of America - 5/6 - W	W.
491945	5/3	Shipping Board 111 2	Fwd's copy of letter from Internatl Maritime Co. asking if they will be protected by shipping board from suit for infringement of radio patent in conn with shipping board for use on their vessels DER LORER to CHS LON. To Internatl Maritime Marine Co. advises claims are being settled by Inter Bd. 5/11 Co. v S.B. Solicitor	W
493058	5/10	FRK. L. Dyer To Bur Stds. rel testimony of Dr Austin 5/10	Asks information in regard to interference case of Lee & Hagan vs Vreeland To F.L. Dyer - action will be taken 5/12 and Sol 5/12 BB 5/18 W F. L. Dyer, 5/13 W To Frank L. Dyer - auth Dr Austin to testify for Vreeland in extort. interference of Lee & Hagan vs Vreeland 5/11 Fwd's letter from purchasing agent, NY in conn with indemnity clause rusted by Radio Corp of America. To Bur Insular Affairs. War Dept - sees no objections - 5/21	W.
493852	5/12	War Dept		W.
494005	5-17	To Roberts & S. Co.	Ac now rec'd of copy of opinion of Court of Appeals in case of Marconi vs R. & G.	W

PATENTS INFRINGEMENTS

Number.	Date.	From or To	Subject.
483291	3/23	C. H. Kesler	Dubilier Condenser Co. vs Wireless Spec. Appr. Co. - request special reports be furnished. W. To Comdt Phila 3/26 To Philip Farnsworth 3/27 Wireless Spec. Appr. Co. 3/30 W.
483459	3/19 3/23	Dept. Of Justice Solicitor	Willoughby and Lowell vs Rodgers - reat J. F. Mothershead be allowed to visit New London Sub Base to inspect and photograph records, apparatus, etc. fwd Sol 3/27 W.
484177	3/26	Dubilier Cond. Co.	Request copy of N.Y. Yd. letter to Bur of 6/23 in conn with test of Dubilier Condensers to be used in patent suit pending, against Wireless Spec. Appr. Co. W. To Dubl Co 4/1
481568	FROM CARD. 28		Wireless Spec. Appr. Co. 3/30 W.

PATENTS

INFRINGEMENTS

1920

Number.	Date.	From or To--	Subject.
✓ 478863	2/25 3/1	Dept. of Justice Solicitor	Request photographic prints of G-3 with its loop antenna, in conn with suit Willoughby and Lovell vs Rodgers. Rwd F. London 3/2 RB 3/8 To Dept Justice 3/11 fwsd copies of photographs
✓ 479024	3/1	Dubellier Condenser Co,	Request information as to date official recommendation was made from NY Yard cov satisf test of Dubellier Condenser; also date on which report was fwsd to Bureau covering test of mica condensers in conn with mica condenser patent suit, now pending. To NY 3/5 To Dubellier Condenser Co. NY has been reqst sup 10 copies of reports 3/5 N.Y. 3/12
✓ 479025	3/1	Dubellier Cond.Co.	Request prints of drawings listed be furnished in conn with Dubellier patent suit against Wireless Spec Appr. Co. To Dubellier Condenser Co 3/6
✓ 480596	3/4 3/8 To Expr Sta 3/15	Dept. of Justice Dept.	Request authority to inspect documentary evidence relating to signalling devices which may be on file at Annapolis, Md. To- Experimental station directed to permit inspection of records by Dept Justice representative. Request copy of Company's letter, written by G. W. Nickard to Fr. L. W. Austin 3/12/17. To Philip Farnsworth. address of Dr Austin 3/15
✓ 480736	3/9	Wireless Spec. Appr. Co.	

696-1 PATENTS: INFRINGEMENTS

Number.	Date.	From or To--	Subject.
481569	3-12	Wireless Specialty Apparatus Co. European Forces - fwds letter from British Admiralty and chart of a condenser - 4/20 - W	Ask if British navy were using metal casing condensers around 1915-16 in conn with suit against William Dublier; W To Philip Farnsworth. Are reqst info from British Admiralty 3/16 To European Forces (T) 3/16
481568	3-12	Wireless Specialty Apparatus Co. To P. Farnsworth 3/18 C. H. Resler 3/28 C. H. Resler - Ask if Guyhill took info with Atlantic Fleet, 1915, To P. Farnsworth 3/29	Request info as to what date Guy Hill was absent from N. Y. yard fall of 1914 and 1915 in conn with patent suit against William Dublier; W To Philip Farnsworth - cannot give such info unless work of considerable importance 3/17
481812	3/5	Wireless Specialty Apparatus Co. To Ports- (T) deliver to rep of Wireless Co condenser 4-16	Reqst all reports from 1/1/15 to date be furnished, relative to transmitting condensers - W fwd Cdt Boston 3/18 To Comdt Ports - confirms despatch 4-16 To I. E. Boston - reqst Ports deliver condenser 4-16 Submarine radio loops; request correspondence and orders covering installation of old submarine; 907
482107	3-12 3-18	Dept of Justice	
482290	3/18	Radio Corp. of America	Reqst authority to issue aerial drawings of Guy Hill on wave changers, in connection with Lowenstein Co - W To Cdt N.Y. 3/19 copy War Dept and RMO Brook To War Dept 3/19 War Dept (Guy Hill) interference of G. H. Clark & Guy Hill in F. Lowenstein application for patent on wave changers; reqst certain information - 3/18 To Radio Corpn. 3/20 Radio Corpn of America 3/22 NY - list drawings furnished Guy Hill - 4/12 Sheffield & S tts - reqst auth to examine A.M. Troegner as at witness. 12/7 W To - Gives Acti n cc A.M. Troegner 12/9

Number.	Date.	From or To—	Subject.	
✓ 466760	12/31	Edwards, Sager & Bowen	Request assistance of Dr. Miller for consultation in conn with suit of the Flemming valve patent. To C.V. Edwards. Dr. Miller being recommended to assist in cross examination of Mr. Patman in conn with suit of Flemming valve patent. 1/3	
✓ 470499	1-21	To Ramsey Hoguet	Mr. Geo. Clark will confer with you in re withdrawing part of his testimony in the Marconi vs. DeForest suit. W Emory Varney Blair and Hoguet. Protests against action of Geo. H. Clark as witness.	1/16 W
✓ 471862	1/21	Sheffield & Betts	Reqt copies of prints issued by G. H. Clark in his testimony in connection with suit of Marconi Co against DeForest Co - W To making recommendations to Dept. 1/26 fwd Secty via Sol 1/29; RB 2-2; To G.H. Clark- auth to appear as witness 2/4 To Sheffield & Betts- rel above 2/4	
✓ 474530	2/7	Interdepartment Radip Board	Request accounting instructions. fwd Secty 2/7	W.

PATENTS, INFRINGEMENTS, RADIO

Number.	Date.	From or To—	Subject.
✓ 456538	11;6	Wireless Spec App Co	Calls attention to fact that articles on requisitions 469 are patented articles and Government is liable to damage in securing bids from other firms. W
✓ 464064	12/10	L. F. H. Betts L. Sheffield & Betts)	Marconi Co. vs Simon Co.— suggests further postponement of trial. W. To- 12-19
✓ 464624	12-16	✓ Prindle & Wright & Small	Request auth to search log book of tests at I. Y. Yard covering Dublier condensers in conn with suit Dublier Condenser Co. vs. Wireless Specialty Apparatus Co; W Dept Justice; Request I. H. Clark be authorized to appear as technical witness for defendant Dublier Co vs Wireless Spec Co; 12-19 To American Radio Corp. Reqs arrange for Mr. G. H. Clark appear as witness for defendant in Dublier vs. Wireless Specialty Apparatus Co. 12-22 To I. M. Ny- Reqs fwd drawings related to to Aide Geo. H. Clark. 12-23 To Attorney General- 12-24 joint. To G. H. Clark. Auth to appear as technical witness. 12-22 To Solicitor. 12-31 To Wireless Specialty Apparatus Co- 1-6 To Cor at Wash. 1-6 To Radio Corp. 1-7 To Chas. H. Kesler. 1-9 Wireless rec. App. Co. 1-10 To OHIO via Phila yd- Lt. Meneratti to be permitted to make deposition. copy to CO OHIO. 1-16

To- Yard being reqtd to search its records for any information which you may desire. copy to radio material officer NY 12-22
Radio Corp of America NY 12-22
To Dent via Solicitor. Fwd draft of letter of authority. 1-12
RB 1/20.

Radio Corp of Amer- 1;8

To Cdt NY 2/3

To Lt Comdr U/ W. Conway 2/2

To Annapolis via Nav. 1 Acad- radio telegraph patent litigation- Mr. Kesler of Wireless Spec App Co will confer with on March 1st 2/27

To Radio Corp (T) 8-2

To Radio Cor. 8-2

G/ H. Clark- (T) Copy of letter rosted. authorizing appearance of witness in Dublier suit. 8/1 W

PATENTS, INFRINGEMENTS, RADIO

Number.	Date.	From or To--	Subject.	
434530	7:22	Sol	Fwd copy of letter to Dept of Justice request assistance in suit pending in 7th Dist of NY by Dublier Cond Co against Wireless Spec Co.. fwd Sol. 8/2	
435235	None	None	Record of proceedings in district court of New York, Marconi Co, DeForest Co.	W
435308	7:23	Major R H Young	Copy of letter to Marconi Co in con with suit brought by Western Elec Co against In- ternational R T Co. W	
440044	8:16	P Farrensworth	Plaintiff willing to set case on favorable terms, request Bu action. To Wireless Spec Co Tel, 8/18	

Number.	Date.	From or To--	Subject.	
440514	8;15	Dept	Fwds letter from Attorney Genl in con with suit of John Firth coy infringement of patent for improvement of wave meter. W To Sec-Fwd- 8;22	
447808	9;24	Worf	Portable radio set turned in at yard from Ia. in con with patent litigation. W	
✓ 451515	10;14	Sol	Fwds copy of petition filed in Court of Claims by Wireless Spec Co against U. S. To Sol- Fwd. ~~10;22~~	W
453473	10;21	Anacostia	Interference of patent appliance on system of reg radio under gr sig, fwds correspondence. and certificate.	
✓ 455385	10/24	American T/T Co.	Patent suits pending - request copy of Maissner's preliminary statement and appli- cation papers. W.	

1919

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PATENT: INFORMATION: RADIO:

Number.	Date.	From or To—	Subject.	
409262	4:1	<u>R A Res nden</u>	Sends copy of letter from War Dept req information in connection with patent or control.	W
✓ 411662	4:14	<u>American T T Co</u>	Sends copy of expense for Arnold Lanemuir interference between General Elec Co and American T T Co relative to vacuum tubes.	W
✓ 411698	4:17	<u>W N Fanning (Cordovia)</u>	Claims to have used at Lar Station circuits disclosed in Weagents Static Eliminator. To- placed on file 4-19	W
412793	4:3	<u>Dept of Justice</u>	Sends petition DeForest T&T Co against United States. TO REC-Ad. 4:25	W
✓ 414545	4:16	<u>Fred C Simpson</u>	Personal Recs Bu com with T E Kamrad in con with patent litigation involving spark gap.	W

Number.	Date.	From or To--	Subject.	
✓ 418798	5:14	West Elec Co	Have been subpoenaed for infringement of patent owned by International E. & Co. To Secretary - call's attention to desire of H. C. Workman of Dept Justice for info concerning suits 5-23	W
✓ 418833	5:13	Darby & Darby Pennie-Davis-Marvin & Edmonds - Will pay 1/2 exp for bringing Van Etten east. 5:27	De Forest, Meissner, Armstrong, Longmuir infringement 41,224 re make arrangements to procure testimony. To Messrs supply missing copies 5-16 To Messrs Pennie D. vis Marvin & Edmonds. asks info re above 5-16 To GE Co- asks expression of opinion 5-16 GE Co 5:19	W
✓ 419080	5:16	K&C CO	Believe that Marconi Co should have no objection to joint motion in court, also that Achilles issue should be entirely sep from Company's commission issue. To K&C Co- advises been taken up with Marconi Co 5-21	W
✓ 423766			Copy of conference between I Langmuir of E. E. Co and H. D. Arnold of West Elec Co cov elec discharge app.	W
✓ 428286	6:19 6:24	Pennie Davis Marvin & Edmonds Com	Law suit against Atl Com Co to be prosecuted by Natl Elec Sig Co, also Marconi Co for infringement of certain patents, asks if it. Smith can appear as witness. Fred Navga 6/27	A
429942	7/3	To NY	Bureau of SE collecting evidence in conn 882-1 with patent suit covering mica condensers, request cooperate. W.	

Number.	Date.	From or To—	Subject.	
38572	1/14	Com Hooper	Memo of est. b of patent section of radio div Com. It is not clear gives duties of Darby & Darby-Req fwd written instruc.	2;19
✓ 390206	1;16	F Faresworth	Fwds record of testimony of various law suits con infringements of patents.	W
✓ 391449	1;31	Darby & Darby	Marconi Deforest Litigation, asks if can give information concerning gov contracts. To Solicitor. Fwd's letters as additional information concerning the order of the referee in the case of Marconi-Deforest.	W 2-7-19
✓ 391879	2;4	Darby & Darby	Fwds copy of order signed by Judge Holt ordering Deforest Co in Marconie proceedings to give various information which it lafts advices Bureau does not desire to be given.	W
✓ 399683	3-4	War Dept	Fwds copies of ltrs from Liberty Electric Corp in conn w infringement of patents matrl on contracts 40724 - W	
✓ 407611	4;1	SOL	Fwds let from Dept of Justice enc list of app alleged to be used by Gov in con with suit of Marconi Co against US.	W

Number.	Date.	From or To—	Subject.
✓ 399449	3-3	Department	Fwds ltr from W H Pumphrey asking if transmitting sets purchased from E J Simon were installed on submarines and other light craft - W fwd Secty 3-6
✓ 00382	3;5	W ^a Dept	Fwds copy of let from Moorhead Lab stating do not own or control patents, patents which have been adjudicated and do not sup app to Gov under Fleming cont by Marconi Co. W
✓ 01317	3;6	Ship Brd	Sub report of minutes of meet of Brd held in Dept of Justice 6th in con with suit of Genl Tramm Co to cov royalties. W SOL Fwds copy of let from Attorney Gen in con with. 3;17
✓ 357102 see card 23	4-1	To S&A	Fwds certified bill of Emory Booth, Janney & Varney, making total of \$5,500 rec for payment to date To S&A- Fwds invoice rec payment 5-28

OVER 1

PATENTS; INFRINGEMENTS; RADIO.

Number.	Date.	From or To—	Subject.
✓ 267159	12/14	To Marconi Co	Re postponement of of patent suit against Govt until after War, as all Govt radio experts cannot be excused from present work. W To W.J. Pumphrey—Ask whether GE Co can go ahead and manu! Alexanderson High Frequency Alternator pending settlement of patent suit. 12/14 Marconi Co submits comments relative to postponing suit of Marconi Co versus US until after the war; reports on status of 12-34 To W.H. Pumphrey—Directs investigate suit brought by Nat'l Elec Sig Co against Marconi Co. 12/26 To W.H. Pumphrey—Ditto for suit by NY Patents Exploitation Co. against Mallory S.S. Co. 12/26 To Sol—Fwd copy of Marconi letter and request information in connection with. 12/29 To Marconi Co—12/29 Louis Cohen gives assurance that any information secured by him in connection with examining Red's plans will be held in strict confidence 1-15 Dept copy of letter to Sheffield & Betts, recommending proceedings be put off for duration of war 1-18
34429	2-20		International Signal Company claim \$2,150.00 on account of patent litigation and development, to be pirated among radio compasses on contract #34429 and any future contracts.
267705	3/8	To Dept	Decision of Supreme Court in case of Gramps Co vs Inter'l Carliss Marine Turbine Co. Rept take action so that Centre can make deliveries without incurring any risk of jail to themselves, or risk of contempt of Court.
✓ 294680	3/6	Internatl Sig Co	Fwd copy of opinion of Court of Appeals in connection with suit Prof Wessenden and Nat'l Elec Sig Co.

Number.	Date.	From or To--	Subject.
33260	4/9	Wireless Improvement Co	Copy of letter to S&A - fwsd copy of letter from Secretary of Navy agreeing to assume all responsibility for patent infringements? 629
299283	4/12	Solicitor	Copy of letter to DeForest Co directing proceed with fulfillments of contract with Navy Dept and guaranteeing product protect infringement claims. W To Solicitor fwsd letter from Sheffield and Betts--5-10
300945	4-27	To Marconi Co	Believed to be in interest of Gov. to stop litigation against E J Simon and Kilsbourne & Clark--4-27 Marconi Co - W 4-30 Sheffield & Betts - No Government experts will be required at hearing this month - ask why hearing should be postponed. W 5/3
317241	7/12	F. W. Winter ✓	emo sent with Dept Tol in com w patent suit against Marconi Co - S. H. Brown, Boston Marconi Co - W 4-30 Sheffield & Betts - No Government experts will be required at hearing this month - ask why hearing should be postponed. W 5/3
324743	7/11	To F. W. Winter	Reqs. legal proceedings be stayed until after the end of the war. To D.S. Edmonds. Same as above. 7/11

PATENTS: INFRINGEMENTS: RADIO. 896 -- 1

Number.	Date.	From or To—	Subject.
✓ 251258	3/11/14	Richard Pfund (Personal)	Fwds exhibits, copies of correspondence, etc. in connection with Atlantic Communication Co's suit. Secret agreement with Marconi Co, etc.W
✓ 252659	1 0/2	E. J. Simon	Aeroplane radio sets: suit between Marconi and Simon; recommends against disposing sample specifications, etc. of set recently standardized by Dept.W
✓ 255344	10/17	NY Patent Exploitation Corp	Seibt patent; request reasonable license fee be allowed for patent covering quenched spark gap system.W
✓ 261195	11/16	To New Lond	Ask if services of Mr. H. H. Lyons can be spared for three weeks for trip to Wash in connection with patent suit covering underground receiving scheme. W New London 11/23 To Dept.—Reqt H.H.Lyons be ordered to report to Bu for temporary duty. 11/27 Henry H Lyon 12-1 Fwd S&A—12/19 To H.F.Lyon—Returns bill for correction. 1/24 Fwd S&A—1/30
✓ 267003	none	~~267003~~ Marconi Co	Fwds copy of Judge Mayers decision in the case of the Natl Elec Sig Co vs Atl Comm Co.W

PATENTS: INFRINGEMENTS: RADIO.

Number.	Date.	From or To	Subject.
✓ 229544	5-19	Walter Pumphrey	Fwds copy of decision of lower court on Audion Case: National Elec. Sig. Co v Atl. Comm. Co. W
✓ 237907	7-7	Solicitor	Fwds copy of contract intering into with Walter Pumphrey for service and consulting Engineer in radio telegraphy. W
✓ 249310	9-14	De Forest Co copy	of letter to J Mayer rel to including Govt as well as commercial sales in accounting proceeds. W To Fwds copy of letter. 9/18
✓ 249187	9/14	To Hon E. H. Mayer	Submits statement in connection with litigation now pending between Marconi Co and De Forest Co. Standard equipment ordered by name and not by specs or plans. W
✓ 249570	9/17	To Atl Com Co	Marconi Co reqt permission to borrow some Von Lieben-Reiss tubes from Sayville. Reqst company opinion in connection with. W Co 9/18 To Marconi Co Atl Com Co willing to loan one tube only. 9/19 To Marconi Co 9/21 To NY Directs ship to Sayville one Van Lieben Reiss Tube. 10/3 To Dept via Nav Com Appro rec of Chief Signal Officer of the Army. 10/3 RE 10/9 Sayville 10/11

PATENTS: INFRINGEMENTS: RADIC.

Number.	Date.	From or To—	Subject.
✓ 21592	2/26	Knight Bros T	Request Clark for Wednesday; also certain papers: Dr. Austin needed March 1st. W Knight Bros (T) Austin not needed; cannot wait 3-1 Knight Bros (T) Request Austin report 2nd 3-1 To W. H. Humphrey--(T) Clark will arrive Thursday. Austin as soon as reports. 3/27 To Dept--Request travel orders G. H. Clark to NY. 3/28 To Sol--Acknowledges receipt of file. 3/6
✓ 216423	3-1	Knight Bros	Heterdyne suit; fwds opening statement. W
✓ 216626	3/3	To Dept	Travel order request for Dr. L. W. Austin to NY for consultation with Knight Bros. L
217890	3-13	Pumphrey, WH	Will proceed Washn for conference with Austin in connection Marconi suit. W.
219007	3-21	Pumphrey, WH	Proceeding Washn for conference with Austin on Marconi Suit. W.
✓ 220487	3-26	Seward, RF	Request data on Lowenstein tubular spark gap in connection patent suit. W

PATENTS: INFRINGEMENTS: RADIO. 896-1

Number.	Date.	From or To—	Subject.
220703	4-2	Pumphrey, WH	Leaving for Washn Apr 3 for conference Marconi suit. W
221468	4/7	To Sol	Re: all litigation in connection with radio patents be suspended during war. W
223227	4/9	Atlantic Comm. Co	Heterodyne suit decided against Company offers substitute. U Co request Dr Austin be sent to investigate 4/24 To—Mr. Austin will call May lat. 4/27
225625	5/1	Atlantic Communication Co.	States will visit Bureau May 6th W To—Satis. 5/3
225642	5/5	Atl Communication Co.	With description of new method of tone reproduction of radio communications by means of an electric relay. W Atl Com Co suggests communicating direct with Dr. Austin 5/16 Atl Com Co 5/6 Re: Bu's assistance in remitting jail sentence of Elmer Myers in connection with Marconi Co using audion patents in view of injunction against them. Sander H. Darby request letter be written stating that government orders are imper- ative. W Governor of NY has already honored papers for return of Elmer Myers to New Jersey 5/9 To Chas S. Sexton, Public Prosecutor Mormouth Cy. N.J.—(Sec Sig) Re: Myers be released due to urgent need on Govt work. 5/15 (over)
226903	4-30	DE Forest Co Dept copy of letter to public prosecutor New Jersey, requesting him to release Mr. E. B. Myer 5/15	

PATENTS: INFRINGEMENTS: RADIO. 896-1

Number	Date	From or To—	Subject
213003	1-30	Pumphrey, WH	National Elec Sig Co. vs Atlantic Com Co. Fwds copy of depositions of J.S. Stone, and J.L. Hogan. W.
213016	1-30	Pumphrey, WH	Marconi Co vs. Milbourne & Clarke; copy of decision. W.
214123	2-7	Pumphrey, WH	Marconi suit against the Govt; necessary to ~~spend some time with Dr Austin and Mr Holster;~~ in preparing Govt defense. W
214124	2-7	Pumphrey, WH	Heterdyne hearing postponed to Feb 26. W To San Diego--Directs return to Bu by March 1st. W/13 (Dr. L.H. Austin) Boat will be in Washington March 1st 2/21
214279	2-9	Pumphrey, WH	Fwds testimony J.L. Hogan, and J. Kennick. heterdyne suit. W
215496	2-21	Knight Bros R	Court of Appeals decided high group frequency case in favor Atlantic Com Co. W.
215497	2-21	Knight Bros T	Request Clark with all records Heterdyne case in NY Feby 24. W To Dept--Re: orders for G.H. Clark to NY. 2/23
215577	2-21	Knight Bros	Fwds copy of decision Nat Elec Sig Co. vs Atlantic Com Co on appeal. W To ack 2/24

PATEN 3: INFRINGEMENTS: RADIO

Number.	Date.	From or To--	Subject.
209591	12-22	Pumphrey, WH	Marconi vs. US; recommends conference w tj Mr. Woodman, Dept Justice. W To--Will confer with. 12/28
209770	12-5	Pumphrey, WH	Fwds list of past and pending patent suits. W
210909	1-8	Pumphrey, WH	Marconi has secured injunction Flemming valve patent; holding up all DeForest audion manufactures in force except for Govt. W
211152	1-5	Pumphrey, W.H.	Every prospect of peaceable settlement between Marconi and Nat Elec and At Com Co. Also intend to sell Sayville station to Govt after war. W
211514	1-13	Lowenstein, F To NY--Auth laon of. 1/25 To--Gives action. 1/25 NY gap delivered to Lowenstein Feb 5 2/8	Request spark gap furnished in 1912 and now on WICKING be placed at his disposal in connection with National Elec Sig Co. suit. W To--Gives action taken. 1/17 Fwd WICKING--1/17 RB 3-16
211771	1-17	Pumphrey, W.H.	National Elec Sig Co vs. At Com Co. Fwds copies of appeal briefs. W

PATENTS: INFRINGEMENTS. RADIO

Number.	Date.	From or To--	Subject.
✓ 203443	10-24	Pumphrey, WH	Reports on progress of trials; believes Tesla testimony will gainsuit for defendants. W
✓ 203461	10-	Court, Southern NY	Perpetual injunction against Marconi Co. infringing certain patents DeForest Co. W
✓ 203490	10-25	Pumphrey, W.H. T	Request Austin testify Friday. W To--Will arrange to have Dr. Austin testify about middle of November. 10/27
✓ 203489	10-24	Lowenstein, F T	Gives numbers of contracts supplied under Tesla license. W
203502	10-24	At Com Co T	Lee and Forbes testified Oct 24; no further Navy men required. W
✓ 203849	10/25	To F. Lowenstein T	Wire all contract numbers set earlier than contract 20615 supplied with license name plate stating dates Tesla patents, W To Bost--(T) Does any name plate radio transmitter have state licensed under Nikola Tesla patents. Reat wire reply with patent numbers or dates appearing on such name plate. 10/26 Bost 10-26

PATENTS: INFRINGEMENTS. RADIO

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Number.	Date.	From or To—	Subject.	
203673	10/27	To Knight Bros ⁴	Lists sets supplied to Navy Dept by F. Lowenstein, also contract numbers.	
203724	10-25	At Com Co Personal	Request earnest cooperation on Heterdyne	suit. W
204316	11-2	Pumphrey T	Heterdyne case postponed on account of illness of Mr Knight; Austin not needed until Dec. W	until
204824	11-6	Navgn	Details Chief Elec'n J. MacDonald on hytergen test. W	
205116	11-8	Clark, Geo H	Returns bids Nat Elec Sig forwarded in connection with suit. W To Wash--Returns. 11/10	
205459	11/11	DeForest Co	Oxide filament tubes; revised bid giving prices, terms of payments and copy of injunction against Marconi Co	898
205804	11-17	Pumphrey T	Revt Clark and others including Commander Todd for Monday afternoon, high frequency case. W	
206480	11-24	Pumphrey, WH	Heterdyne suit postponed until 1st Monday Feb'y; high spark suit hearing set for Jan 2. W	

PATENTS: INFRINGEMENTS: RADIO

Number.	Date.	From or To—	Subject.
✓ 201632	10-9	Pumphrey, WH	Undamped wave and hyterodyne: fwsd copy of letter addressed to Knight Bros to conduct corres thru him. To—Letter meets appvl of Bu. 10/11
201578	10/9	To Hon.Sec'y of Comm.	Reqt copies of certain letters re efforts of Prof. R.A.Fessenden, in connection with the design of head telephones for use in radio telegraphy. Comarca; no corres Bu Standards 10-21
200883			Pat Off fwsd record of Stone 10-9
201995	10-11	Pumphrey, WH	Undamped wave suit; Judges rule if Tesla use of high frequency prior to May 29, 1901, is proved, plaintiff will be thrown out of court. W To—fwsd certified copy of record of Stone, filed in Patent Office, Jan 2, 1899, in interference #17,197, entitled Stone vs Hutin & Leblanc, for Multiple Telephony. 10/12
✓ 202522 TO CARD 31 202523	10/16	Knight Bros Do no money available for Do so at own expense. 10/20 At Com Co/ Knight Bros answd 10- 10/16 Knight Bros	Recommends Mr. Pumphrey be present at the trial continuously. W To Atl. Comm. Co.—Reqt daily proceedings of trial. 10/20 Lists persons who will be required in connection with suit and gives dates when needed. W

PATENTS: INFRINGEMENTS. RADIO 895 - 1

Number.	Date.	From or To--	Subject.
202727	10/18	To W. H. Pumphrey	Fwds enclosure. Ask to ascertain if can be obtained at NY, and if not notify Knight Bros that book is not available. W To NY--if "Naval Electricians Handbook 1904" on hand fwd to Mr. Pumphrey. 10/18
202836	10/19	W. H. Pumphrey T	At Com Co request Bureau's records be searched to determine whether National Elec Sig Co ever offered to sell any radio set, including alternator. W To--(T) Can find no trace of in records. 10/20
202970	10/19	To Post (T)	Have J.W. Lee report to W.H. Pumphrey Oct 21 for instructions connection Knight Bros trial. W.K.
203028	10/20	To G.H. Clark	Fwds certain papers to be used in trail but not to be out of his hands, included in Bu SE Reqn 35 36 and 37. W
203213	10/21	Knight Bros	Gives reasons why copies of daily proceedings of trial are not forwarded to Bureau. W
202802	10/19	To Dept	Reqt certain travel orders, radio aides, etc., to proceed to NY and act as witnesses 635-4
203288	10/23	To Phila (T)	Directs expert radio aid Forbes report W. H. Pumphrey, in patent case, at 9 AM on morning of 10/24.

patents; infringements; radio

Number.	Date.	From or To--	Subject.
200699	9-28	Knight Bros T	Request Pumphrey interview Cpts Robison and Jayne and Hepburn. Fwd Dept-- Rec appvl. W 9/30
200651	9-30	Knight Bros	Request Clark be there Tuesday Morning. W
200847	9-28	Austin, Dr LW	Reports on early fundamental inventions radio systems; Tesla, Lodge, Braun, Marconi. W
200883	9-29	Knight Bros	Request copy of record Patent Office on Stone, Vs Huttin & Leblanc. W To Patent Office--Reqd copy above patent. 9/30
200940	10-2	Knight Bros T	Request Capt Robison and Lt. Comdr Hepburn be ordered to NY Wednesday. W
200784	9-30	To Chas. (R)	Ascertain from W.H. Medd his recollection of wave lengths used by certain stations in 1904-5-8. W Chasn fwas deposition of WH Medd 10-2
200829	10/2	To Nav.	Reqd travel orders, Lieut. Hooper to NY and return. W
200830	10/2	To Dept.	Reqd travel orders for expert radio aids in connection with Marconi-Atlantic Co. Suit. W

PATENTS: INFRINGEMENTS: RADIO.

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Number.	Date.	From or To—	Subject.
✓ 200913	10/2	To Pt. Isabel. (T)	Gunner Bean transmit to Knight Bros. deposition to include his recollection of wave lengths used in Navys Shore Stations. To Chasn. (T) — Have Leed make disposition his recollection wave lengths used and dates. 10/2 Chief Gunner Bean submits statement 10-1
✓ 201125	10-4	Knight Bros	Request Lee be sent as witness on Heterdyne. W
✓ 201209	10-5	Pumphrey, T	Reqt orders for conference on undamped wave changers Oct 5 in Bureau. To—(T) Reqt to Bu Oct. 6th. 10/5
✓ 201279	10-5	Knight Bros	Request services Mr. Cram, Signal Corps be procured. W To—Will arrange. 10/7 Pumphrey Cram not desired 10-13
✓ 201334	10-4	At Com Co	Request Navy Dept endeavor to secure testimony of Mr Edison. W To—Bu is taking up and will advise. 10/9 To Mr. Edison—Ask if he will give testimony in suit. 10/10 Fwd Dept—10/10 RB 10/10
✓ 201200	10/5	To Nav	Reqt travel orders for Gunner S. E. Lee in connection with Marconi - Atlantic Co. Suit. Reqt travel orders be issued.
✓ 201197	10/5	To Knight Bros. (T)	Reqt dates Lee and Sparks are wanted. W To CO. MINNESOTA (T) Have Lee report at Knight Bros. 10/7. 10/6 To Wash—(T) Have Sparks report at Knight Bros. 10/7. 10/6

PATENTS: INFRINGEMENTS: RADIO

Number.	Date.	From or To—	Subject.
✓ 197078	8-7	Knight Bros	Fwds copy of Fessenden patents involved in suit. W
197886	8-28	To Phila.	Directs E.D. Forbes forward copy of affidavit that NBS Co. fwd. for his signature W Phila fwds 9/6
198573	9/5	Knight Bros	Request information re Dr. Austin's investigation of double resistances of antennae. W 10--Gives information on. 9/8
198574	9/5	Knight Bros	Asks if Mr. Forbes can testify on heterodyne. W
198650	8/28 9/6	War Dept Dept	Marconi Co's suit; fwds copy of letter sent to Atty Gen; fwds copy of sample order placed with a company, which Marconi claims infringes patent. W Dept fwds copy of letter sent 9-2
198829	9-8	Knight Bros	Wave lengths used in Navy since introduction of wireless to date; request. W
199023	¹⁴ 9-12	To Dept Commerce. (Secsig)	Recd certified copy of letter written by Nikola Tesla to Light House Board on Sept. 27, 1899, for use in connection with radio litigation. W Commerce matter now being investigated. 9/20 Commerce fwds copies of corres on. 9/26
199079	9-12	To Knight Bros.	Submits bill for services performed by Hon. F.C. Worman of Bu. S.E. W

PATENTS: INFRINGEMENTS. 896-1

Number.	Date.	From or To	Subject.
✓ 199362	9-14	Pumphrey, WH	Atlantic Communication suits; status of; go to trial early in October; will secure copies of dispositions, briefs, etc.; also Marconi-Atlantic Communication suit and Marconi-Kilbourne & Clark Co. suit. W Pumphrey is on undamped wave and not heterodyne; asks if auth to attend proceeding from day to day. 9/29 To--Not necessary to attend. 10/2
✓ 199567	9-16	~~Knight Bros~~	Request Mr Forbes be sent for conference last week Sept. W To--Have arranged to have Mr. Forbes report for conference. 9/19 To Dept--Best order for Forbes from Phila to NY for conference. 9/19
✓ 199505	9-16	To W.H.Pumphrey.	Fwds supply of envelopes for use in transmitting mail to Bu. W
✓ 199685	9-18	Knight Bros	Suggests interviews with Hallberg and Stein of Marconi Co. W
✓ 199768	9-18	Knight Bros	Request Bu interview A. Meyer, Signal Corps verifying Tesla statements. W To--Bu has arranged for conference. 9/25
✓ 200122	9-21	Pumphrey, WH	Believes Forbes will prove good witness as result of conference with Cohen. W
200259	9-25	To Pumphrey. (T)	Conference arranged Wednesday afternoon with -R. Workman. W
200570	9-28	Knight Bros Fwd Dept--10/3	Submits list of witnesses desired for Hetrodyne suit; 3193 with 33.3 is furnished by Tuesday for undamped wave case. For Forbes to testify

PATENTS: INFRINGEMENTS: RADIO

Number.	Date.	From or To—	Subject.
187412	4-22	Sam E Darbey	Reqt Capt Bullard make affidavit in connection with audion for suit at San Fran. W (Sent to ~~Cnd~~ without indorsement) Supt Radio
189689	5-29 6-1	Pumphrey, WH Dept	Employment as radio expert in connection with Govt patents, infringements, etc; Solicitor rules legal to employ; Dept reqt com ent. W Fwd Dept--Comments on. 6/12 RE desires additional information 6/28 Fwd SRA--6/30 Fwd Dept--Concurs in price \$2.00 per hour. 7/26
190303	5-23 6-8	Darby, SE Supt Radio	Infringement suit; Marconi vs DeForrest; request Govt make certain tests. W To Darby--Reqt further information on. 6/10
191323	6-16	Ford, RA	Reqt Dr Austin be allowed to witness in behalf of Marconi, experiments in connection infringements, Marconi-Hillbourne Clark. W Fwd Dept--Impracticable to spec Austin at present time. 6/29
191372	6-21	To Atlantic Com Co.	Makes appointment for Monday. W At Com appt for June 27 6-22
192015	6-28	To Atlantic Com Co.	States that the 5-K.W. radio sets purchased from the Telefunken Co in 1912 are still in use and except for minor differences in construction, are equal of any similar apparatus of this rating now in service. W

PATENTS: INFRINGEMENTS: RADIO. 896 -- 1

Number.	Date.	From or To—	Subject.	
✓ 194197	7/20	Atl Communication Co T	Arranged with Knight Bros to submit applications to Dr. Austin. W	
✓ 195131	7/26	Atl Com Co T	Asks when signed agreement may be expected. W	
9839	7/18	Wireless Spec Co	Protests against award to Marconi Co; claims infringement of their patent	706
✓ 196172	8/10	Knight Bros	Natl Elec vs. Atl Com Co; heterodrone suit; outlines data desired in connection with. W G. H. Clark sums up testimony that can be given by various radio aides; Forbes leans toward NES Co 8/13	
✓ 196177	8/9	Dept	Copy of contract with Walter H. Pumphrey for personal services, consulting engineer and technical expert, in connection with radio telegraphy. W (Cross to his name and Bureau employees.) Pumphrey submits bill 3/1	
✓ 196266	8/10	G. H. Clark	Atl Com Co and Nat Elec Signalling Co suit; heterodyne; sums up possible available testimony and list of witnesses. W	
196524	8/4 8/14	Dept Justice Dept	Marconi Co's suit in Court of Claims for \$1,000,000; request data to fight on. W To Dept -- get travel orders be issued to W. H. Pumphrey in connection with suit. 8/16 To Pumphrey -- (T) Report Dept as soon as possible. 8/17 To Pumphrey (T) report at Bu. Sept. 5 or 6 9-1	
196276	8/12	To NY-M Is- Phila	Asks disposition of Fessenden heterodyne receivers	898

PATENTS: INFRINGEMENTS: RADIO:

1915

Number.	Date.	From or To—	Subject.
✓ 174603	12-23	To W.H.Pumphrey. (Secs 18)	Gives information on apparatus required under schedule 8F76. W
✓ 175080	12-30	Darby, S.E.	Fwds memo G.K.Woodworth on the Poulsen patents: states argument shows DeForest Co are entitled to contracts for San Diego and Pearl Harbor; bills recently opened. W (see 175309-830)
✓ 175864	1-10	Kilbourne & Clark, T	Reqt authority to have Mariott to testify in Marconi suit. W
To with a suit	1-31	Auth conduct tests. 3/31	Two Dept 3d No 193, BB 2/23
176280	?	US Dist Court, Southern NY Dist	To Dept 3d--(T) Dept auth making affidavit. 1/21 National Elec Signal Co. vs. At Communication Company infringement suit; high frequency app; hand down decision in favor of Atlantic Communication Co. W
✓ 179186	2-15 2-15	Forbes, E.D. Phila	Reqt authority to testify on behalf of National Elec Signalling Co. suit with F.K.Vreeland, crystal detector. W To Phila--Disapp. vs. 3/1
180796	2-26	Fransworth, P.	Reqt certified copy of copy of Hobison's reports on Stone apparatus for use in Kilboure & Clark suit. W Fwd Dept--Returns with copy report. 3/6
180679	3-4	To Knight Bros. (T)	Please return all papers borrowed from Bu files connection with radio suit. W Knight Bros. Court desires to retain 3-4 To--Papers may be retained. 3/15

PATENTS: INFRINGEMENTS: RADIO 896-1

Number.	Date.	From or To—	Subject.
✓ 180815	2-16-	Pumphrey, W.H.	Relative to employment of by Bureau in connection with radio suits. W.
✓ 183240	3-28	Kilbourne & Clark Co	Infringement suit Marconi Co; reqt authority to make cert. in tests reg. Sd in connection with. W Fwd Dept. — no objection to use of station for test. 3/31 RB 4/1
183282	3-31	Dept	Fwds copies of Bureau Equipment correspondence for certification in connection with Atlantic Co suit. W To-- Fwds; certified. 4/29
✓ 183349	3-31	Wireless Spec Co To S&A--Disapprovs reqn 1389 for purchase of crystals. 4/27 RB 5/3 Fwd S&A Via Nav-- 5/9 RB 6/1 Fwd S&A Via Nav-- 6/8	Enters protest against infringement of their detector patent by the Navy. W To-- Bu will stop purchase of. 4/13 To NY--Directs manuf of detector renewals be discontinued. 4/13 RB have issued sub reqns to cover small amount for elec School 4/21
✓ 185194	4-19	To Dr EG Frank, At Com Co	Is 26th satis for Lt. Hooper. W 26th satisfactory. W
✓ 185231	4-19	Knight Bros	Reqd latest Manual in connection with infringement suit. W To-- Fwds. 4/22
✓ 186582	4/27	Atl Com Co	Royalties on radio apparatus; agreeable for the Dept to have until May 31st to render account for the term ending Dec 31. W ~~Reqd~~

PATENTS: INFRINGEMENTS: RADIO

Number.	Date.	From or To--	Subject.
✓ 158261	6-8	Auditor Navy Dept	Asks if Capt Bullard was subpoenaed in connection with travel to N.Y. To Knight Bros--Reqt confirmation of notification that presence necessary. 6/ Knight Bros reqt by telephone 4-27 6-24 Fwd Nav--Gives data on. 7/7
✓ 158464	6-16	Knight Bros	Reqt letter be addressed to Judge Mayer stating wireless pamphlets will be preserved pending conclusion of suit. W To--Bu will preserve pamphlets; notify Court of Bu's action. 6/23
✓ 165588	9-10	Nat Elec Sig Co.	Takes exception to Lt. Hooper attitude in connection the purchase of their radio apparatus, validity of their patents, etc. Claims present purchase of arc apparatus infringement. W To--Ack receipt of 9/13
✓ 165681	?	No source	DeForest vs. Marconi; copy of testimony of Dr Austin in connection with oscillating audion receiver. W
✓ 167800	10-8	DeForest Radio T&T Co	States radio telephone recently tested at Arlington by Western Elec Co. s covered by DeForest patents dating back to 1909; Western Elec Co. can grant Govt no rights to use. W FO -- 10-18
✓ 167834	10-7	Pumphrey, W.H.	States Marconi Co has issued injunction against Emil Simon; makes appt for Monday.
✓ 169502	10-22 10-26	Pumphrey, W.H. Dept	Reqt letter to Court stating that award of contract to E.J. Simon based on his acts superior to others; Marconi are claiming infringement. W Fwd Dept--Comments on. 10/29

PATENTS: INFRINGEMENTS: RADIO 896-1

Number.	Date.	From or To--	Subject.	
✓ 170801	11-5	Farnsworth, P.	Suit Marconi vs DeForest on audions; request testimony of Dr Austin. W To Dept--State Dr Austin may be spared should this be considered not detrimental to Gov't's interests. 11/10 RB 11/27 Fwd Rad Ser--11/27 RB 11/30 To--Asks why DR.Austin desired-11/27	
171155	?	?	Memo of patents owned by DeForest Co and claim to be infringed by Fed Tel Co. W	
171476	11/16	Emil J. Simon	Contract for 25 half kw sets: states owing to time required in connection with defending Marconi suit, will require extension of time of delivery	876
✓ 172255	11-23 11-24	Farnsworth, P. Dept	Marconi vs. DeForest audion suits: rect Capt Bullard and Dr Austin appear for witness for DeForest; Dept permits and DeForest Co files statement they will make no combination or agreement that will act against Navy Dept interests in future. To Dept-- Fwds above. 11/27	
✓ 172517	11-29	Farnsworth, P.	Rect authority Austin to come NY to be there Wednesday evening; testimony to be taken Thursday. W	
✓ 172538	11-30	To W.H. Pumphrey.	Ack receipt of log books of radio stations loaned for use in connection with suit. W	
✓ 174042	12-9 12-16	Marconi Co. S&A	Protests against specs on Bu reans 35, 36, 37: cannot bid on arc generators without infringing patents; balance of apparatus infringes Marconi apparatus. Fwd S&A--Comments on. 1/3 RB 1/15	

PATENTS: INFRINGEMENTS: RADIO

101

Number.	Date.	From or To--	Subject.
153968	5-3	Knight Bros	Marceni suit; re: Capt Jones, Coulter, and George be detailed to testify. To Capt Jayne-- Re above. 5/7 RB 5/11 To--Have taken up with Capt Jayne. 5/7 To--Fwds copy letter from Jayne. 5/13
153969	5-3	Knight Bros	Desires to extend thanks to officials NY Yd for exhibiting high frequency apparatus. W Fwd NY-- Noted. 5/10 RB 5/15 To--
154000	5-3	Knight Bros	Fwds blanks for data in connection with Marceni suit. W
154787	5-12	To Dept.	Testimony of F.A. Kolster; fwds letter for Secy's Sig to Dept Commerce reqting present of in NY. W
154886	5-13	Knight Bros	Tesla coil: test of from Sayville; not necessary to send operator to testify; will arrange another test with plaintiff present. W To--Will make arrangement to receive at Wash. 5/17 Knight Bros 5/19, test will commence 5/20. To--(T) Asks time of tests. 5/19
155402	5/19	Knight Bros T	Test of Tesla coil; gives time. W Knight Bros 5/19--details of test. W
155375	5-19	To Richard Pfund.	Re appearing as witness in suit; re:gt matter be discussed with Mr. Pumphrey. W
155581	5-21	To Hon Van V Voorde. (T)	Gives results of Sayville tests rec'd at Naval Radio Laboratory, Bu Standards Wash. W

PATENTS: INFRINGEMENTS: RADIO. 896-1

Number.	Date.	From or To--	Subject.
✓ 155735	5-22	Knight Bros	Sayville, Washn Radio Laboratory test: reqt confirmation. W. ✓ Kitchen, H.H. reports on Sayville test. Bu Standards 5-24 To-- 5/26
155734	5-22	Knight Bros	Reports postponement of trial. W. Fwd Dept-- 6/1 RB 6/4
156174	5-27	Knight Bros	Marriott & Elkins have completed duty: expresses appreciation. W. To Nav-- Fwds copy above 6/3 To Dept Commerce-- Expresses appreciation for services 6/3
✓ 156402	6-1	Knight Bros	Attorney for Plaintiff reqt Form 123 for 1907-8-9-10; have requested that they write direct to Dept. W
✓ 156403	6-1	Knight Bros	Plaintiff reqt copy of license agreement between Govn and Defendant. W
✓ 156613	6-2 6-3	Winter, F.W. Solicitor	Makes request for reports on form 123, 1907, 8 and 9 and any others of prior date. W. Fwd Dept--Reqd reqt be granted. 6/4 NB 6/8 To Humphrey-- Fwds papers for examination by Winter. 6/4
157202	6-8	Knight Bros	Reqd that W.J. Wheeler civilian employee at Boston be ordered to testify for Plaintiff. W. Fwd Bost--Reqd leave be granted Wheeler for the purpose mentioned. 6/10 RB 6/14 To--Have reqd Bost to grant leave for purpose. 6/10
✓ 157676	6-10	Knight Bros	A. Stein, Jr. Fwds copy of letter written: reqt Navy furnish. W. To--Have written Stein as suggested. 6/15 To A. Stein--Re testifying in suit. 6/15

PATENTS: INFRINGEMENTS: RADIO:

1915

Number.	Date.	From or To--	Subject.
152136	4-12	To M.Is. (R)	Are any mercury turbine interrupters still in service in Pacific Coast stations? If so what frequency spark note. W
152325	4-14	To Dept.	Recommend war Dept be reqd to grant leave of absence to E.R.Craw, Signal Corps, in order that he may testify in radio litigation. W
152533	4-15	Knight Bros	Reqd search for missing contemporary reports from operators; also copy of letter to Solicitor relative to equal facilities both sides to secure papers. W To-- Comments on 4/17
152468	4-13	Knight Bros	Reqd Major Russell testimony and copy of certain books. W
152708	4-17	Dept Commerce	Woolverton and Mariott; reqd date when can be relieved from trial. W to K-3708-- Reqd reply to. 4/20 To-- 4/20 Navn navy Asst not reqd 4-28
152576	4-17	To Knight Bros.	Fwds copies of "Manual of Wireless Telegraphy for use of Naval Electricians." W
152576	4-17	To J.W.Scanlin, USN	Fwds copy above (1809) W
152728	4/19	To Knight Bros T	Asks when Mr. Cram will be required. W Knight Bros-- 4/19 (T) Not required tomorrow, will give one day's notice.

PATENTS: INFRINGEMENTS: RADIO 896 — 1

Number.	Date.	From or To—	Subject.
152932	4/21	Knight Bros	Marlott, agrees to pay salary for retention of services; Woolverton free April 25th. W
153013	4-22	To Knight Bros.	Fwds schedule 143 on bids opened August 20th 1907; unable to locate bid of Telefunken Co. submitted August 20, 1906. W
153175	4-24	Knight Bros T	Reqt services of L.E. Wildman, War Dept be secured. W To--(T) By understands arrangements have been made for his presence in NY. 4/26
153305	4-26	Knight Bros	Reqt B.F. Grave, C.M. McWhorter. be detailed as witnesses. W/27 Fwd 8/1 4/27
153408	4-27	Knight Bros	Woolverton has already left; reqt Marriott be allowed to remain. W
153590	4-29	J.M. Bayer, Hon.	Gives certified statement of Lieut Comdr A.J. Helburn re number of motor-generator radio sets in service on which alternators have a frequency of less than 500 cycles. W
153799	4-30	To Phila.	E.D. Forbes: directs proceed to NY and give testimony in trial. W To Dept-- Reqt for orders for. 5/1
153904	5-1	Mayer, Judge, J.M.	Reqt detailed information relative to number of sets in use in Navy, on shore and afloat with frequencies. W To--Will fwd next week 5/5 To--Fwds data on. 5/13 Mayer--ack. 5/18

PATENTS: INFRINGEMENTS. RADIO

1915

Number.	Date.	From or To--	Subject.
✓ 151057	3-30	Knight Bros	Reqt that Dept Commerce allow Woolvertaon, and Marriott devote their entire time while in NY to suit. W to Dept Commerce--Ask if possible to meet the suggestion. 3/31 Commerce agrees if Knight pay salary 4-3 To Commerce--Have refd to Knight. 4/9 Knight Bros agree to pay Marriott salary 4-10 to Commerce--was copy above 4/21
151151	3-31	Knight Bros	Reqt that Clark, Wheeler, Bean, be ordered to NY. W Fwd Dept--Rec orders be issued. 4/1 to--Have recd orders be issued. 4/1
151520	4-5	Knight Bros	Reqt Major Russell be interviewed to determine if testimony is of value. W To-- Gives data obtained from Russell. 4/8
151498	4-5	To Knight Bros.	Explosion MISSOURI Pensacola April 13, 1904. W
✓ 151632	4/7	W. H. Pumphrey	Reqt statement relative to consolidation of Bureaus, destroying of routine records, etc., for reading before court. W To-- Comments on. 4/10
151825	4/8	Knight Bros.	Reqt H. C. Gawler, radio inspector, Boston, be allowed to testify. W to Dept Commerce-- Re securing presence of. 4/9
151612	4-8	To Knight Bros.	State no objection to witnesses appearing in uniform. W
151920	4-9	To Dept.	Let class electrician Bruine: recd orders be issued to proceed from Pensacola to NY for testimony in trial. W RB 4-10 from Nav.

896 -- 1 PATENTS: INFRINGEMENTS: RADIO:

Number.	Date.	From or To--	Subject.
151919	4-9	To Department.	Reqs Expert Radio Aid C.J. Pannill be ordered to NY as a witness in trial
151923	4-9	To Dept.	Reqt for travel orders to Expert Radio Aid E. C. Davis. W To NY--(B) Notifies of modification in orders. 4/10
152036	4-10	To W.H. Pumphrey.	Fwds copies of a return formerly made by all ships and stations entitled "Description of Wireless Telegraph Plant". W
152110	4-10	Knight Bros	Fwds copies of Bu Equipment corres for certification. W To-- 4/13 Knight Bros returns for certification 4-15
152109	4-10.	Knight Bros	To-- Copies prepared & fwd Solicitor. 4/17 Reqt copies of prelim corres in connection with Murgas system; also records re date of publication Revision Navy Manual. W
152136	4-12	TO M. Is T	Asks if any mercury turbine interrupters in service Pacific Coast. M. Is replies: one at Barralona Islands 4-12 To K-Bros-- Gives above data. 4/13
152169	4/12 To-- 4/28	Dept Commerce	States Mr. Gawler subject to call of KNIGHT Bros; asks length of time required; also for Marriott and Wolverton. W To K-Bros-- Fwds copy above. 4/14 To K-Bros-- Asks when Gawler will be needed. 4/28 Recommending Chief Elec Snder be ordered to NY to give testimony in trial. W
152097	4-12	To Dept.	

PATENTS: INFRINGEMENTS. RADIO

1915

Number.	Date.	From or To--	Subject.
✓ 148463	2-24 2-27	Dept Commerce Dept	Have granted Mariott and Wolverton leave of absence to appear as witness at Company's expense. W Fwd Dept-- Noted. 3/1
✓ 148539	3-1	Knight Bros	Reqt list of all radio purchases, statement of relative value of sets purchases, names of operators, etc. W To S&A-- Reqt for above. 3/3 S&A fws list of purchases radio material up to 1911 3-6 Knights Bros 3/16 returns. 3/16 Copy of letter to Mariott & Wolverton directing appear as witness: absence will not be charged against annual leave, and they w if be allowed pay.
✓ 148586	3-2	Dept Commerce	Reqt certifi- fication of document. 3/17
✓ 148908	3-5	Knight Bros	Reqt papers left with Lt Comdr Sweet be returned if Mr Sweet action on same is to be delayed. W To--(T) Sweet now in NY, confer with him. 3/6
✓ 148911	3-5	Knight Bros	Wolverton: asks be sent as soon as convenient To--Have taken up with Dept Commerce. 3/12
✓ 149124	3-8	Knight Bros	Capt Wildman: reqt certain data be obtained from: Signal Corps. W To--Have restd War Dept to obtain. 3/11 Fwd Dept-- Letter for Secy's sig/ 3/11 To War Dept-- 3/11
✓ 149318	3-10	Knight Bros Co.	Reqt copy of all bids made by Marconi Co. from 1903 to date and reasons for acceptance or rejection. W To-- Fwds data on. 3/11
✓ 149433	3-11	Knight Bros	Reqt Bu secure testimony from W.C. Dean Bureau C&R Fwd C&R--Rec leave be granted to. 3/12

PATENTS: INFRINGEMENTS: RADIO. 896-1

Number.	Date.	From or To—	Subject.
✓ 149671	3-13	Knight Bros	Reqt statement that multi segment rings were used at station and on ships prior to 1905 for practical and not test purposes. Also copy of Mr. Sweet's letter 1905 from Asiatic. W To--Comments on. 3/17
✓ 149798	3/16	Knight Bros	Presiding Judge refuses to delay case; reqt as many witnesses be ordered as possible. W To--Gives names of witnesses available. 3/16 To Nav--State case cannot be delayed. 3/16 To Dept-- Fwds copy of letter from K3. 3/16 RB 3/23
149967	3-17	Knight Bros Co.	Reqt Bu Standards Bulletin No 5 containing Dr Austin's article on Telephone High Frequency. W To-- Fwds. 3/18
150640	3-24	Navgn	Gives list of men ordered for witness Atlantic Communication Co. W
150928	3-29	Knight Bros	Reqt that War Dept be asked to confer genl authority on Major Wildman of the Signal Corps to assist. W Fwd Dept-- Rec be reft to War Dept. 3/31
150962	3-30	To Knight Bros. (T)	Reqt Sweet's statement be forwarded for certification. W Knight Bros- Returns. 3/30
150985	3-30	To Bost.	Re securing services of W.G. Wheeler as witness in suit. W
150986	3-30	To GE Co.	Reqt statement on 2 K.w. 500 cycle alternator manu by GE Co on Bu Equipment reqn #43. W

1915

PATENTS: INFRINGEMENTS: RADIO

Number.	Date.	From or To--	Subject.
✓ 146090	2-1	Knight Bros	Shoemaker and DeForest pamphlets; comp apparently not issued until Aug 1908; reqt Bureau investigate.W.
✓ 146114	1-29 2-1	Pumphrey, W.H. Dept	Reqt Lt Comdr G.C.Sweet be detailed to aid in defending suit against Passenden patents.W Fwd Dept-- Rec detail of 2/3
✓ 146113	1-26 2-1	Dept Commerce Dept	Copy of instructions to their radio employees to furnish any data in connection with suit.W
✓ 146191	1-30	Pumphrey, W.H.	States US District Court, N.J. has granted Navy Dept access to records of case of Nat.Elec.Sig.Co. vs Marconi Co. suit.W Knight Bros. Sayville test will have to be postponed 2-4 Fwd Dept--Noted 2/4
/ 146199	2-2	Knight Bros Co	Have arranged for Sayville to send with Tesla coil; reqt cooperation with Colon, Arlington, etc; to used as evidence.W Knight Bros test postponed 2-4 To--(1) Arrangements made for test 2/4 To-- Have directed test 2/4
146396	2/5	M. Is. R	G. C. Sweet; condemned by Medical Survey; unfit for service; reqt recommendations 632
✓ 146452	2-5	Knight Bros	Asks that G.H.Clark be assigned to examine records of Stone T&T Co at Boston and Duxburg.W To--Oth r work will prevent Clark from undertaking investigation. 2/8 To Dept Commerce--(secy's sig) Reqt F.A.Folister make examination if practicable. 2/8 Knight Bros 2-9
146675	2/10	Hepburn T	Sayville; make arrgt for test with Tesla coil.W

PATENTS: INFRINGEMENTS RADIO 896-1

Number.	Date.	From or To--	Subject.
146716	1-22	M. Is 848	Radio whistler: Lt. Sweet ~~sent~~ anti-dates Federal Tel Co. claim for this invention. W
✓ 146964	2-11	Knight Bros T	Will make Sayville test to-morrow morning same as to-day. W ^{Tesla}
✓ 147534	2-17	Knight Bros	Stone system; asks if Capt Robison or Kaiser can testify in connection with test. W To--this copy of report by Capt Robinson on inspection of this apparatus. 2/24 Knight Bros; recd certified copy 2-27 and solicitor-- asks for certification. 3/4
✓ 147618	2-18	Knight Bros T	Reqt Commissioner of Navyn detail R.H. Marriott for hearing first Wed in Feb and Monday in April. To--(T) Can detail; will Co pay expenses. 2/18
✓ 147662	2-8	Knight Bros	At Com Co. agree to bear expense of Marriott and Woolverton. W
✓ 146570	2-16	Thomson, Prof. E.	Unable to find old journals to substantiate Bu claim. W To--Ack receipt of. 2/20
✓ 147572	2-17	Simpson, F.J. T	Suggests securing Tesla british patents issued in 1896. W
✓ 147677	2-18	Knight Bros	Reqt Navy take up with Commerce the securing of R.H. Marriott as witness. W
✓ 148010	2-23	Knight Bros	Reqt copy of "Work of Hetz, 1894 edition". W To--Delivered to Pr. Humphrey in person. 2/25

1911

6 ✓

PATENTS: INFRINGEMENTS: RADIO

Number.	Date.	From or To--	Subject.
✓ 142183	12-11	Dept 10191-60-5	Atlantic Communication Co. Wda copy of agreement between company and Navy Dept releasing to Navy Dept all its claims under its patents and allowing manufacture for a nominal royalty on all future patents: in exchange for Department's assistance, witnesses, etc. in protecting company against infringements, suits, of Marconi Co. and any other Co. To--States Bu has undertaken compilation of data for: rect Lieut Comdr Sweet be ordered to Bu in connection with work. 2/1 To Prof. Thompson--Rect information on pamphlet printed in Liege, Belgium. 2/11 To W. Rect preparation of exhibit showing radio apparatus. 2/11 by OK 2-25
144564	1-14	To M.Is. (T)	Inform Sweet Dept has entered agreement to assist Telefunken interests defend suit for infringement Sessenden 500 cycle patents also Marconi inductive coupling patent: directs furnish data. W
✓ 144695	1-16	Robison, Capt. S.S.	Radio suit: report of conference at Office of Knight Bros; agreement reached that Bu SE secure data from files and detail naval witness. C Fwd Nav-- 1/16
✓ 144696	1-14	Knight Bros	Rect certain publications lists in connection with radio apparatus 1899-1905. W 1/16 To--Will institute search for 1/16 To Yards, Officers & Men-- Collection of evidence on suit. 1/16 To Dept Commerce--(Secy's sigl Rect. collection of evidence on suit. 1/16 Gunner Dame 1-21 Phila. Ensign Enright has been assigned to investigate 1-23 Paton 1-22 To TEXAS--For statement of Wilkins' 1/23 J.A. Scullin 1-24 C.E. Jones, Lt. Sweet, M.Is. 1-19 H.L. Reynolds, Jan 22 W.C. Bean 1-26 W.V. Alberts, gives address 1-23 M. Yd. 1-27 fws copies of corres To Albert-- Ack receipt of. 2/3

PATENTS; INFRINGEMENTS: RADIO 896-1

Number.	Date.	From or To—	Subject.
144696		Norf reports for light vessel No 71 2-22 Knight Bros returns Simp on letter 2-27 Post for W.G. Wheeler 2-25 To Nav--Gives list of Naval Witness needed at trial. 3/2 To Knight Bros--Gives statements rec'd. 3/2 Knight Bros 2-24 Fwd NY--3/3 Navgn action of request for orders 3-5 Norf no further 3-8 To Pumphrey-- 3/10 To Nav--Re naval witnesses at trial of. 3/10 NY no further data; reports on ree interrupter appear 3-14 To Bros-- Rept trial postponed until middle April 3/13 Knight Bros 11/21/14: Fwds copy of the Waterman deposition in the Jersey Wireless Suit. To Dept--Fwds corres for instructions in view points raised by Bu Nav. 3/15 NY reports on interrupter test 3-20 NY for light vessel 22 3-27 Norf--no further evidence 4/12. To Knight Bros--Rept return of book fwd with Bu letter of 3/3/15. 2/1/16 Knight Bros book retained by Court for Marconi litigation 2-2	Greaves. V.F. 1-29 Elkins. Lindsey. 1-28 Stotz. C.E. 1-27 Phila. Va 1-28 To Knight Bros-- Fwds certain publications on. 1/30 To Pumphrey-- Fwds replies rec'd from certain persons in answer to inquiry 1/30 J.H. Claus 1-26 W.V. Albert 2-1 To NY-- Re original of papers. 2/2 G.W. Bensing 2-3 J.J. Delany 2-2 To WYOMING-- Experiment to be made in connection with legal defense. 2/3 To COLON-(R) Ditto. 2/3 Phila for ships in reserve 2-3 Chalbourne. 1-26 Callagher. W.S. 2-2 To WYOMING-- States test postponed. 2/5 To COLON-- Ditto. 2/5 C.C. Gawler 2-5 Norf 2-5 To Nav--Asks whereabouts of H.F. Smith. 2/6 NY gives list of men who can testify 2-6 E.E. Field 1-30 Woolverton. R.D. 2-3 A.B. Empte. 1-30 NY lists letters on file with are originals 2-5 To Pumphrey-- (T) Lowenstein will be at Knight Bros Wednesday. 2/9 Rice. A.R. 2-8 To Knight Bros (T) Gives result of test. 2/12 Phila no more 2-13 Woolverton. R.W. 2-8 To Knight Bros-- Returns article loaned. 2/18 S. Wolf. 2-12 NY 2-19 To Knight Bros-- 2/20 Norf 2-20 To K-C Co-- 2/24 To NY-- 2/23 To Knight Bros-- Marriott will report Mon. 2/24 Rept history of and technical data on use of wireless apparatus in Navy between 1900 and 1902. W.
✓ 145669	1-27	Knight Bros	

PATENTS: INFRINGEMENTS.

Number.	Date.	From or To—	Subject.	
✓ 116573	1-31	Nat Elec. Sig Co	Reqt Authority to borrow or purchase old mercury turbine interrupters at NY. W for use in patent suit against Marconi Co. W To---cannot loan. 2/3 Fwd NY. 2/3 EB 211	
✓ 116785	2-13	Nat Elec Sig Co	Suit: reqt. loan or information relative to "Treatise on Wireless Telegraphy comprising Shoemaker and De Forrest" To---Fwd Dept. 2/6 EB 210 To---30 has no copy. 2/10.	
✓ 116887	2-4	Nat Elec Sig Co	Reqt loan of a mercury turbine interrupter either from Museum at Arlington or NY. W Fwd Dept. request instructions. 2/6 EB 211 To---Ref to Dept for decision. --Fwd Dept. 2/12 EB 30 Fwd NY. loan authorized. 3/6	
✓ 120744	3-24	Nat Elec Sig. Co.	Marconi injunction suit: re Lodge patents: re: Navy intervenes: granting of injunction will practically close down every radio plant in country. W To---3/30.	
121159	3/30	Wireless Spec App Co	Reqt telegraphic order for 22 receiving sets at \$390 per set in order to make delivery before infringement notice can be served on company	898
121552	4-4	TO NY	Multiple segment mercury interrupters: asks if report made as directed in Eq. 127,708.W	898
✓ 123628	4-27	Nat Elec Sig Co.	Reqt Dept aid in securing advance on docket of their appeal of case against Marconi Co. W Fwd Dept. 4/29.	

PATENTS: INFRINGEMENTS. 896 -- 1

Number.	Date.	From or To—	Subject.	
123588	4/15	Wireless Spec Co	I-P-6 receiving sets; have delivered 13 instead of 12; rect cont be increased; states new tuners delivered with receivers do not infringe Fessenden patent claim which has been sustained	898
✓ 124917	5/14	R.A.Ford, Attorney for Marconi Co.	N.E.S. vs. Marconi Co. Requests information re date of publishing Manual of Wireless Telegraphy and certain other information not confidential. W	
	5/15	Dept. 18668-40-40	To R.A.Ford—Fwd. Dept.—have no further information 5/16	infor-
✓ 125014	5/15	Natl Elec. Sup. Co.	Sweet type portable radio set; requests loan of in connection with suit. W Fwd Dept. recom 5-18 RE 11107 To—Dept has authorized loan, apply at Wash. Yd. 5/21 Fwd Wash. Yd 5/21	
✓ 132572	8-17	Lowenstein F/	Reqs. certificates of knowledge of radio art, character etc. in connection with suits	876
✓ 136419	10-3 10-9	Lowenstein, F. Dept	Court returned decision in his favor against Marconi Co. W Fwd Dept-- Noted- 10/19	876
✓ 138318	10-29	NY	Guy Hill forwards copy of proposed agreement between Marconi Co and Nat Elec Sup Co. Recommends Dept have lawyer present when agreement is brought up in court. W. Fwd Sol-- For information rec. 10/31	
✓ 139312	11/11	Kilbourne & Clark Mfg Co	Marconi threatens suit with intention of prevention of acceptance of radio apparatus; suggests Bureau take necessary steps. W To-- (1) 3a confident no obstacle re delivery of. 11/13	

1913

PATENTS: INFRINGEMENTS.

Number.	Date.	From or To—	Subject.
110395	11-10 11-14	Marconi Co NY 2049-3	Reqt. that A Prastka be allowed to testify in connection with Mat. Elec Co- Pessenden suit: It quotes testimony that can be given to show that 500 cycle experiments used with high pitch spark were made by navy as early as 1904. W
110932	11-18 11-21	NY 2057-4 Solicitor 18668-40	Mat. Elec. Sig. Co. have been granted injunction against Marconi Co., injunction not to interfere with present Navy contracts with Marconi Co. W Nat Solicitor. 11/24
111427	11/28	To N. Acad.	Bureau desires to complete file of government publications on radio telegraphy: requests statement of what can supply. W Navy Acad gives list of old pub 11-6
111631	11-25 12-1	NY 2047-5 Dept 18668-40-7	Fwd a copy of orders suspending temporarily injunction against Marconi Co. granted to Mat Elec. Sig. Co. W Fwd Dept. 12/2
111960	11-29 12-3	Ehret, C.D. Dept 26840-2114	Use of radio apparatus either telegraphic or telephonic which uses varying of frequency in transmitting, infringes his patents. W To Ehret (For Secy's sig.) 12/9.
112369	12-9 12-9	Marconi Co. (R.A. Ford) Dept	Reqt. Lt. Comdr Sweet and A. Prastka be authorized to furnish any information pending litigation with Pessenden Co. re high frequency spark patent; authorized by Dept; also authorized to furnish copy of certain corres. W Fwd Navy request issue nec. orders. 12/10. RW 12/10

PATENTS: INFRINGEMENTS: 896-1

Number.	Date.	From or To—	Subject.
✓ 113829	12-30 12-30	Marconi Co. (Per R. A. Ford) Dept — 18668-40	Reqt certain employees of the Navy Dept be allowed to testify in the suit with the Nat. Elec. Sig. Co. Also copies of certain papers, b/p. be furnished. W
		RETURNED BY HAND 12-31	
✓ 113828	12-27 12-30	Marconi Co. (Per Sheffield, Bently, & Betts) Dept — 18668-40-9	Reqt. authority be given for certain Navy officers, and radio operators to testify in Nat. Elec. Sig. Co. suit. Also reqt b/p copy of corres. and experimental segments if same are available. W
		RETURNED BY HAND 12-31	
✓ 113836	12/30	To NY	Forwards copies of letters, Marconi Co., requesting data in conn. with patent litigation. Directs compilation of documentary matter. W (To — further instructions. 12/31. NY unable to consult direct with Punbrey 1-2 NY (1) lists papers cannot be supplied 1-3
		1914	
✓ 114321	1-3	Marconi Co. (Per S. B. B)	Reqt certain certified copies of corres. W To NY request certain prints, en' drawings, and cert. with certified copies of papers. 178 NY fwdg print 1-12
✓ 114476	1-7	Wireless Spec. App. Co.	Claims Nat. Elec. Sup. Co. infringed their patents on detectors on those furnished with portable radio sets. W To — comments 1/14. Wireless Co. have no knowledge Nat Elec Sig Co. claim 1. firger. int 1-15
114321		SEE ABOVE	To Dept. fwdg certified copies of drawings, etc. 1/14.

Number.	Date.	From or To	Subject.
✓ 57039	12/26	To Dept	Decision in suit of Nat. Elec. Sig. Co. vs. United Wireless Tel. Co., in circuit court of Maine; desires legal opinion be given by Dept of Justice on certain points, as considers decision is incorrect. W
			1912
✓ 59625	1/9 1/25	Clay, F.W.H. Dept	Appeals to the President in behalf of the National Elec. Sig. Co. against considering bids for wireless apparatus which infringe on patents owned by that company; particular refernce to schedule 4149. W Fwd Dept. Comments: telephoned Co. furnishes best material, usually 1/29.
59936	2/24	NY	Sched. 4250: fwsd letter from National Elec. Sig. Co. claiming all other bids are infringement of their patents and will enter suit if any are accepted: National Elec. Bid \$225,000 against next bid of \$122,750 Claim extortion and ask be brought to attention Department Justice 706
✓ 63169	2-28 2-8	Justice, Dept Dept	Nat. Elec. vs. United Wireless Infringement case; unnecessary for Govn. to submit brief as United Wireless brief covers all points raised by Navy Dept. W Ret Asst. Secy. 3/12.
			1913
✓ 92265	3-6 3-12	Marconi W.T. Co. Solicitor 26817-41	Lists number of Marconi radio patents and patents pending and owned by company which the Government is infringing; rect. to be reimbursed for and also guarantee that no more apparatus will be purchased which infringes patents listed. W. Fwd Dept. comments. 3/14

PATENTS, infringements. 896-1.

Number.	Date.	From or To—	Subject.	
95602	4/23	S&A	Insulators, fwsd copy of decision re interference with Ed. M. Hewlett regarding disk strain insulators.	911
✓ 99762	6-18	Clark, G.H. T	Reqt. extension of time to allow presence at Marconi-Fessenden infringement suit; Reqt. permission for Marconi to visit Arlington, W. (R) to NY. appd; instructions. 5/19.	
100046	6-20 6-21	Genl Committee on Radio Supt. Radio Service	Marconi infringement case, against National Elec. Sig. Co. Decision in favor of Marconi Co. would seriously affect Government by the establishment of a monopoly; reqt. that Dept Justice follow litigation. C. Memo to Secy. comments. 6/23. Fwd Dept. 6/23.	
✓ 100890	7-1	Clark, G.H.	Marconi suit ended June 30. W	
✓ 101044	7-7	Clark, G.H.	Marconi Vs Fessenden patent infringement suit; fwsd summary of closing arguments of counsel. W	
✓ 110032	11-7 11-11	Marconi Co Dept	Suit Nat. Elec. Sig. Co. vs Telefunken Co. Reqt. statement as to use of high frequency spark apparatus prior to July 1st, 1907. W Ret. Dept. 11/17 To Dept. fwsd information 11/20. To Dept. fwsd add'l information. 11/21	
110215	11-13	Solicitor 18668-40-1	Copy of letter to National Elec. Sig. Co. declining to accede to company's reqt. that no other companies be considered in purchasing radio apparatus; not bound by decision Circuit Court of Appeals while other suits are pending. W	

PATENTS: INFRINGEMENTS:

Number.	Date.	From or To—	Subject.
✓ 39151	5/19	Marconi Co	Made copies of notices claiming, on patents in America. W to -- Acknowledging. 5/23.
✓ 40204	5/19 6/1	Marconi W.T. Co Dept 26817-30-2	Gives notice that any infringement of American patents 763772 will be followed by suit. W Ret Dept. Noted. 6/5.
✓ 40363	5/31 6/3	Winter, F.W. Dept 18668-34-7	Recd. certified copies of certain letters in connection with suit of Nat. Elec. Sig. Co. against Telefunken W.T. Co. & Ret Dept. 6/9.
✓ 41617	6/16	Nat. Elec. Sig. Co.	States apparatus on Schedule 3035 is covered by patents owned by them and protests against Dept making award on same to any other company. W to -- Acknowledgment. 6/22.
✓ 42999	7/7	Wireless Spec. Co.	Protests against acceptance of detectors of iron pyrites or perikon, from other companies; claim infringement. W
43642	7/13	Dept	PATENTS: calls for papers on infringement suit of Nat. Elec. Co. against Telefunken; Copies furnished, but need certifications 896 Ret -- 7/17.

PATENTS, infringements, 896--1

Number.	Date.	From or To—	Subject.	
48349	9/6	Dept. Justice	Reqt copies of papers and other information from Bu. Equipment files in connection with infringement suit of E.A. Pessenien.	(596) 9/14/22
✓ 50322	10/5	NY T	Fwd SEA. 9/14 to NY: reqt. information to enter suit. 10/14 (NY). 10/14. Contract 13422; wireless; information and prints mailed to-day. W	
48349				
✓ 51216	10/12	PRAIRIE:	To W. Asks if have original letter and trade circulars of Ostheimer Bros. on file. 11/15. NY 11/20 No circular at hand. W Unable to furnish prints and information re Telefunken set installed in 1904. W Fwd Dept. 10/18.	
✓ 55380	12/6	Nat. Elec. Sig. Co.	Fwds co. v of decision of Judge LaCombe against Telefunken Co. covering detectors; have similar suit against Wireless Specialty Apparatus Co. W To--Ack. 12/8.	
✓ 56248	12/15	Wireless Spa. App. Co.	Requests information on injunction against National Electric Signal Co. on rectifying detectors. W To--Fwds list of vessels and stations equipped with I-P-78 receivers. 12/16.	
✓ 56750	12/18	Nat. Elec. Sig. Co.	Fwds record in connection with Maine case suit for infringement. W To--Ack. 12/22.	

FILE No.	From or To— (Dated)	Subject.	
✓ 29.23 1/17	To NY	Cont. 13549: Rgt investigation of Telefunken Co claim that prints furnished on cont: were stolen by Ray Fuller, employee at Yd. and given to Nat. Elec. Sig. Co. Data needed in connection with suit for infringement	829
✓ 32666 2/28	Marconi W.T.Co	Invites attention to decision of Eng. court granting claims for basic patents on all tuning devices. W To - acts. 3/3	
✓ 33265 3/7	Marconi W.T.Co	Fwds copy of "Electrician" containing full transcript of judgment of British Court in favor of Marconi patent claims. W. To -- Copy returned 3/11.	
✓ 34252 3/18	Marconi W.T.Co	Fwds pamphlet showing proceedings of judgment of British Court against Radio Tel & Tel Co. W To -- Ack receipt 3/22.	
32640 3/18	Nat.S.Sig.Co.	Sched. 3307: enters protest against award of cont. to any other firm: states can collect royalty if so awarded.	706
✓ 34580 3/23	Marconi W.T. Co London Office	Fwds copy of judgment in their favor. W Fwd Dept. 4/21.	
36053 4/5	Dept Justice	PATENTS: fwds claim of National Elec. Sig. Co. against the US for SICC. Q.C. for damages for use of patents owned by Co. To Patent Off. Recd Patent 706 736 4/20.	896
✓ 36518 4/13	Clay, F.H.W. Att. Nat.Elec.Sig.Co	Reqt. Department appoint witness to testify in infringement suit. W Fwd NY. Recd designation of persons best prepared to testify. 4/21. R.B. 4/28 - nominates D.M. Mahood Fwd Nor. Directs designation of persons 4/29. R.B. designating Mr. Webb. 5/6 Fwd Dept. Rec that D.M. Mahood be designated. 5/8.	Fwds. 4/20



PERSONNEL RADIO

1

Number.	Date.	From or To--	Subject.	
324759	7/12	To Nav via C	Rate repeated travel orders for MS	Vining; 632
326922	7/17	To Opera. via Nav. Com.	Re-training of personnel for Aircraft Radio	916
341252	8/23	Submarine Forces	Reassign radio status for use in training on before transfer to subs	radio 58-6
410400	4/14	To Naval Com.	Take detail to each District one man, instruct radio compass operators.	919
412946		SEE CARD 365	New York 5/8 Recommendations for complement for radio material organization. Boston 5/7 copy recommendations for radio material complement.	632
433906	7/16	Dept	Radio personnel for dirigible; request comment as to detail for; F	632-1
412946	2-2	Dept	Allowance of civilian radio personnel to various yards and stations; KW	632
488545	4/22	To Nav via DNC	Avita- duties of Philippine Comm Supt as regards radio material matters in addition to personnel operation matters. Recommends Navy issue instructions to Comdt directing Philippine Com Supt be not assigned any duties other than those pertaining to radio material and personnel operation. W	806

Number.	Date.	From or To-	Subject.	
502009	6/28	CIRCULAR D-12	Monthly radio reports- suggestions in re to circulation of, suggests radi officer conduct monthly examinations of personnel upon contents of each issue WM	876
515818	10/13	To Comdt 4th Dist	Civilian radio personnel complement for 4th Dist recs changes (rel. J. J. Ellis at Radio Yard Bldg to Anacostia.)	918
518818	10/13	To Comdt 4th Dist	Civilian radio personnel complement for 4th Dist recs changes (rel. J. J. Ellis at Radio Yard Bldg to Anacostia.)	918
652080	10/24 11/2	Asiatic Fleet De pt	Report covering shortage of radio per. on- rel on Asiatic Station requesting 40 Radio men be ordered	894

Number.	Date.	From or To--	Subject.
655130	12/30	To Comdts- Boston-NY- ing Snd- C-I-C U SFleet- & Battle Fleet- Comdr scouting Fleet	Alterations to remote control project V-9- 23- Fwds prints W -ur. and 1/10 alterations to remote control. Fwds prints. W WYOMING 1/28/23 Returns prints W
655135	12/30	To Comdts listed	Vacuum tubes- inform in connection with W
639454	From card 400		To GE Co - Vacuum tube testing equipments- gives comments cc Insp'r mat GE W 1/3/23

RECEIVING AND SENDING

1923

Number.	Date.	From or To--	Subject.
14983-570	12-27-22	Eng- N.Yd. Ports. N.H.	Radio Telegraph- Location of certain radio amplifiers.
14901-521	12-11-22	Eng--Cinc Page Flt.	Radio Telegraph-Aviation- Design of Aircraft receivers.
615819	END FROM CARD 366		Sec Interior. 4/19 Rqsts loan of tube be continued during Helium experiment w To Secy of Interior (Secy Sig) Gives inform rel retaining tubes 5/1/23 To Secy of Interior (Secy Sig) - Interior Dept 1/31 Request extension of loan to March 1 w Interior Dept 2/28 Vacuum tubes loaned Bu gines returned to NY Yard 2/20 w

Number.	Date.	From or To—	Subject.
654685	12/27	To Boston	Protective Relays type SE 3522- shipment of- cc Comdr Des. Squad 9 - Co's BRIDGEPORT CHILDS - ports combat - Co's WRIGHT MAHAN W Boston- Reply made Jan. 22. W
655078	12/14	14th District	Requests 100 Type CW 1819 vacuum tubes be fwd. W To F H - gives inform rel shipment 1/8/23
655169	12/28	Wash.	Fwds drawings showing model TM A.C. tube transmitter W

1922

Number.	Date.	From or To—	Subject.
654130	12/28	To GE Co -	Adoption of miniature- receiving tube- gives Inform rel W To Western Elec. Co- Gives action taken 12/29 GE Co 1/22 confirms. Will submit report in few days. W
654246	12/27	To S&A 1750	Reqst shipment of receiver from Norf to 30 Washn W RS 3/15/23 W To S&A Reqst shipment of receiver from Norf to Washn 2145 2/9/23
654683	12/28	To Western Elec. Co	- Will be pleased to receive one of relays for test at Washn W
655396	12/28	GE CO.	Radiotron receiving tubes UV-199 - samples will be brought to Bureau W

RECEIVING AND SENDING

Number.	Date.	From or To	Subject.
✓ 654402	12/22	To Boston	Radio receivers - Status of- Reqs Inform W
✓ 654827	12/21	Ports	Calls attention to defects in motor PE vacuum tube transmitters W
✓ 654944	12/26	Wash	Fwd's vandykes of hand keys for Model TM tube transmitter W
654253	12/23	To S&A	Radio material for vessels equipped with Model RA recg equipment - shipment of W S&A 12/28 copy of shipment order covering Jack from Wash to Yards Y

RECEIVING AND SENDING

1922

Number.	Date.	From or To--	Subject.
✓ 654979	12/21	Battle Fleet	Copy of action to Divisions W
654979	12/29	Battle Fleet	Copy of letter to CO CALIFORNIA directing transfer of vacuum tubes to MISSISSIPPI NEW YORK TEXAS and PENNSYLVANIA Y
✓ 654977	12/22	Eng 3rd	Special report on an improved winding for arc coils. Pwds W
✓ 654614	12/27	To Boston	Radio receivers- Status of- Reqs to inform W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
653377	12/20	Fwds S&A	Naval observatory- vacuum tubes for supply of W
653633	12/20	To Washn	Arlington Sta. operation of tube sets W Wash 12/28 Comments on W
654404	12/9	S&A Circular	Crystal detector renewals, No. in stock as of 1922 W
654303	12/20	Scouting Force T	request BRIDGEPORT be authorized to carry in stock 200 vacuum receiving tubes & 100 transmitting tubes W To Scouting Fleet- WYOMING - O-I-C Brook (T) on the 12/21

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
654723	12/23	Phila	Rqsts instructions for motor BE motor buzzer transmitter ~~and~~ furnished W To Phila - Fwds Prints 1/10
653630	12/21	To C-I-C U S Fleet- Battle Fleet- Comdrs Scouting Fleet- Des Squads Battle Fleet- Comdr desquads Asiatic Fleet	Fwds vandykes listed W
653943	12/22	To Virgin Islands	Vacuum tube detector- dispm- survey authd W

RECEIVING AND SENDING

FILE No.	From or To— (Date)	Subject
633927	from ca d 395	To Washn- design problem 205-A-2, 3-600 meter transmitter. Fwds photostat 12/16 To Western Elec. Co- comments cc Washn 12/20 Western Electric Co 12/28 Fwds copy of bulletin describing broad casting equipment W Wire Impvt. Co. 11/13 Gives characteristics of receivers. W
653237	12/16 To Washn	Test of SE-1420- receiver with universal amplifier- rel test of cc Dir commns W
653994	12/18 Atl Sub Flotilla	T Rqsts 50 CG 1444 vacuum tubes 26 CW 9303 vacuum tubes and 30 CG 1719 Cal blanks be shipped at once W

RECEIVING AND SENDING

1922

653985 12/18 Atl Sub Flotilla

T Rqsts 3 transformer coils for
 amplifier be shipped at once W
 To S&A Rqst s tement of mat from Washn
 to SO N Y 1742 12/19

653752 12/19 To P n- Boston- M.I

rwds instrns booklets- rel remodeling
 of Mo del "TD" transmitters W
 To comdts yards-Stations listed fwds
 booklets 12/19

654221 12/19 N.Y.

Rwds vandyke showing wiring diagram
 for model LC motor buzzer. W.
 To NY- Rwds vandyke 12/22

654206 12/18 Ports

CANCELED

Ask if any type SE 1500 B amplifiers
 have been sold - have located one in
 private possession. W.

Number.	Date.	From or To—	Subject.
651965	12/11	To Hon Reed A Smoot	Gives data on Baldwin head telephones W
652791	12/11	To S&A 1687	Reqt shipment of tubes from Washn to C Francis Jenkins W
653117	12/14	To Comdt's Yds	Fwds vandykes of radio telegraph W To Atl Fleet— Fwds vandykes W
653613	12/14	S&A	Fwds telegram from Boston stating 11 sets of 1/2 KW wireless specialty transmitters are available for sale W Fwds S&A 12/22
653624	12/15	Wash	Gives reasons for rejecting Type 1344 vacuum tubes Manfgd by Western Elec Co W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
653656	12/13	Stromberg Carlson Co	Submits quotations covering telephone head sets W
653807	12/15	Western Elec Co	Submits comments on Western Elec type vacuum tubes delivered & rejected W
653943	12/9	Virgin Island	Requests authority to ship vacuum tube detector to NY not fit for further use W
653626	12/19	Navy Sup Depot	Motor generator delivered to N.Y. 12/18 W to Brook- CO (T) re: change mat sheet 12/18

Number.	Date.	From or To—	Subject.
652819	12/8	Norri	Vacuum tube code practice set—analysis of design. Fwds prints covering W Norri. 12/29 Fwds plans. W
638575	FWD FROM CARD 398		Pac Fleet 12/2 Fwds letter from CO NY reporting on vacuum tubes W Pensacola 12/14 Re: test allotment of 5304. cov. transfer of vacuum tubes to C-1-C Pac. Fleet comments 12/16 To Pensacola. Gives instrns rel tube 12/20

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
✓ 653260	12/12	Washington	Summits estimate covering addition of two thin shim brass contacts on ballast to lamps W To WASH estimates appvd on navy yard div. 12/21
~~653275~~	~~12/12~~		
✓ 653577	12/12	Naval Observatory	Reqs two Westinghouse tubes be furnished W 2500-400
✓ 653456	12/12	Boston	Reqs print showing send and receive antenna switches W

RECEIVING AND SLIDING

1942

Number.	Date.	From or To—	Subject.
651968	12/4	To S&A 1649	Reqt shipment of tubes from -hi/a to O Washm W S&A 12/19 Copy of action to Aircraft Fcty W
651965 card-420-420			
652376	12/4	NO RT	Design proposal 116 vacuum tubes Code Practice let. Fwds prints covering 3 To Washington- Fwds print 12/13
651917	12/6	To S&A	Crystal detector renewals- reqsts for inform in conn with W
652582	12/6	C.F.Pope	Fwds two vacuum tubes which he has m.c.d. Repts authy to bring tubes to Washington personally W To C F Pope - Given info on rel test 12/16 To C F Pope - Fwds cc reply to let of dec. 6 2/7 To C F Pope - will make test cc Washm 2/18/23

RECEIVING AND FILING

1922

Number.	Date.	From or To—	Subject.
651993	12/1	F.H.Dargue	30-1622 Eas. inform on Navy Vacuum tube type To F.H.Dargue gives ratings for direct current 1279
651170	12/2	To Bu Standards	Development of special short wave amplifier assignment of radio research problem on W
651766	12/2	To Phila	Type SE 1420 receivers- request inform W Phila 12/11 D
652190	12/4	3&A	Cow of letter to N.I. authorizing issue lists inform to Wash covering 450 Type 1593-A amplifier transformers W
652251	12/4	Washington	Hosts spare transformers be furnished for Univ rsal amplifier. W

Number.	Date.	From or To-	Subject.	
550939	11/20	Machine Elec Supply Co	Fwds telegram from San Domingo requesting location on W. I. T. radio sets for Dominican Government also copy of letter to Marine Corps San Domingo stating to purchase 1 and same W To S&A via W. I. T. comdt Marine Corp- Fwds Corres. 11/27 BB 12/11 W Fwds S&A 12/16	
56152	11/23	To Insp Mr Todd	Remodeling radio compass receivers- Rpts brief summary covg. status of making and delivery of WS	629
550989	11/3	S&A	Copy of letter to Washn. giving revised prices covering traffic instruction sets W	
MINSA P 548/23	11/29	rwds -1	Rdn covg. - purchase of tungar rect- ifier bulbs for shore radio stations W H	

RECEIVING AND SENDING

1922

Number.	Date.	From or To--	Subject.
650766	11/25	To Comdts Boston-Phila- Norf- CO VESTAL	Fwds instrns for installation and oper- ation of Model "AD" arc W to Chief Sig. Officer Army- Fwds instrns 12/1
651496	11/28	Battleship Div 5 T	Rqsts Boston be authorized to issue 12 keys on used material Sect. V to Boston- Div 5 Atl.- gives instrns 11/28
650878	11/27	To Radiative Corps	Test of telephones will be authd W
651615	11/29	Destroy Sqd. (T)	Request Boston be authorized to Release motor buzzer set complete for destroyers listed. W. To Squad 9- C-I-C Atl. Fleet (T) Appvd 11/29

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
✓ 650064	11/21	To Dir of Navl Intelligence	Radio patent litigation in england W
✓ 650066	11/20	To S&A 1547	Request shipment of mt from washn to Observatory W
✓ 650068	11/23	Washn	Feds revised prints of registers and telephone current Comp. W
✓ 650068	11/22	To Atl-Pac- Fleets	Fwds prints W

RECEIVING AND SENDING

1922

Number.	Date.	From or To--	Subject.
650733	11/22	GE CO	20 K.W. metal type water cooled pliotron operating notice and precautions W To Washn- Ask if mat available 11/25 C 156005-629 11/25 RR 12/5 W GE CO 12/20 Rqsts action W
650878	11/21	Radiative Corpn	Calls attention to GE's heavy head receivers W Radiotive Corpn- 11/29 W.
650323	11/23	To S&A	Vacuum tubes- Quantities in stock at various yards and Stations- Regst for W S&A 12/21 Report on vacuum tubes in store W S&A 1/15/23 Further data. W
650882	11/23	Fischer Manfg Co	Ask if bur. au desires a two stage amplifier for test W To Fisher Mfg Co- rel price of amplifiers 11/28 Fischer Mach. Co. 11/29 W

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
611801	from card 356		To S&A- vacuum tubes- detectors purchased for- reqsts inform rel W 11/11 S&A 11/12 gives revised prices of vacuum tube collection W S&A 11/20 cc'y action to Yaris W
649012	11/11	S&A 1481	Reqs shipment of receiver from Norfolk to Washington W 11 RB 1/26/23 W S&A 12/29 Norf. can locate no record of receiver from KING W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
✓ 649981	11/17	Bu Standards Lab	Recommends Yard be authorized to construct model of 35-138 amplifiers W To Washn- Requests test of amplifiers cc Bu Standards 11/25
✓ 649976	11/20	To Western Elec. Co	Fwds cc spark set W
✓ 65025	11/17	Atlantic Battleship Force 4.5	Defective type CW 138 vacuum tube surveyed on WYOMING has been fwd to Bu- Report covering W To Atl. Fleet- Gives action taken re vacuum tubes cc Atl. Rec. Fleets 11/25

Number.	Date.	From or To—	Subject.	
56127	11/3	K&C Co	Sample transmitter fwd Fwds report on design & test SW	629
56005	11/6	Instr GE	High power vacuum tubes not entirely satisfactory. Rgs's instructions SW	629
648736	11/1	M.I.	Gives wiring diagram of proposed receiving set with Monitor control system W Fwds O-I-C Bu. Standards 12/7 Bu Standards Lab 12/18 comments but proposed monitor receiving system W To MI - gives Instrns 1/6/23	
648797	11/8	Phila	Submits estimate covering repairs to vacuum tubes detector audio control box W	

1922

Number.	Date.	From or To—	Subject.
✓ 648771	11/7	Washington	Estimates covering removal Type 3E 899 receivers to type 1899 W To Washn estimates apprd cc Asst. Dept 11/28 Wash 12/12 W To Washn- Gives action taken 3/31/23
✓ 648893	10/29 11/9	W. N. Farling Navigation	Re correspondence rel to Galena detector be filed with the records W Fwd'd Navign 11/18
✓ 648012	11/7	Hamp Rds	Submits list of radio apparatus receivers received from various destroyers. Requests disposition of W To Norf- Gives instructions. 11/14 W To S&A Re: st. sl. inst. of wave receiver from Norf to Was n 1915 1/15/23
✓ 648719	11/16	To Phila	Disposition of Cape May "TD" Set- CC Phila W

Number.	Date.	From or To—	Subject.
647719	11/1	To S&A 1413	Reqst shipment of break key system from Washn to SO MI W
647722	11/2	To S&A 1416	Reqst shipment of equipment from Washn to SO Boston W
648083	11/2	Chief Coordinator for General Supply.	Rel to proposition submitted by C F Pope covering repair of vacuum tubes at small cost. To Chief Coordinator for Gen. Supply- Gives Action 11/7 Chief Coordinator 11/8 W
648719	11/3	Phila	Recommends transmitter for Cape May be shipped to Phila for installation at Ward Radio station W

1922

RECEIVING Number.	RECEIVING Date.	From or To	Subject.
645457	11/3	to was ington	Design problem #72 summary of work done and recomdms W Washington 11/9 Summa estimates W Phila 11/8 Wash 11/17 Weighting instrum- tous on trans-ter To was n- manufacture of sets authd cc Dept W K 11/23 To Phila- cc CO'S LANGLEY WRIGHT 11/24 Phila 12/21 Ask when vandykes will be fwd covering tube AC tube transmitter by WRIGHT W
647616	11/3	To CO's listed	are transmitter instrln of model "A1" gives status of s-iment W
647871	11/4	To S&A	Revision in price of Navy Tube EE- Receivers in store under supply account fund- Ack. to be advised action taken W RB 12/2 W Fwds S&A 12/16 S&A 12/20 W To S&A Requests inform 12/23 To S&A 12/23 W Fwds cc instrns for instrln and Opern of model "A1" W Cavite PH- PI Pug Shi- CO PROMETHEUS. Fwds instrns 11/6
648088	11/6	To Great Lakes- CO Hamp Rds	

Number.	Date.	From or To—	Subject.
646672	10/24	To S&A 1371	Request shipment of tubes from Washn to Chas F Pope NY W C Pope - Ask name of express Co. handling S. inst. 10/21 W To Chas Pope - shipment being expedited 11/9 To Chas Pope - Saturday 12/8
647493	no date	R. L. Rodius	Repts information rel to sale of radio sets W to Bd S A and sale Fwds corres. 10/30 To L R Rodius - Gives instrns 10/30
578291	from card 325--		To Washn Design problem 155, Model T M A C tube transmitters - W 10/28

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
647729	10/28	Westinghouse E/M Co.	Two 250 Watt vacuum tubes submitted for test. 7. To Westinghouse— Requests characteristic curves be forwarded 11/7 To Washn— requests tubes be tested 11/7 Wash 12/12 Requests disposition of Westinghouse tubes given test on 7 To Westinghouse— Elec & M Co— Gives inform rel tube co Washn W 12/20 Westinghouse E/M Co 1/18 Requests action on letter. W
647364	11/1	CO PRIMER (T)	HOVEY Las Type CE 1000 amplifier. 7. To San Diego (T) transfer auth 10/30 To CO (T) transfer auth 11/2 To San Diego (T) Requests inform rel amplifiers 11/18
647610	10/31	To S.A.A 1398	Request shipment of receiver from U.S. Snd Ld SO Washn W RS 1/20/23 W
647992	11/1	Western Elec. Co.	Request return of #3—a receiving sets for further test. 7. To Western Elec Co Gives comments 11/6 Western Elec Co 11/11 Submits quotations W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.	
646330	10/19	Westinghouse -/M Co.	Defective name plates for arc converter sets— request approval of new plates. W.	
645851	10/16	Shipping Board	Fwd. letter outlining proposition for repairing defective vacuum tubes. W	771-2
646279	10/21	LA 53688 to MI	Modification of type SE 1420 receiver listed vessels based on M I are equipped with receivers cc Pac. Fleet W Rac Destroyer 11/6 W	
646330	10/21	LA 53688 To <u>westinghouse</u> CO	Equipment name plate proofs appvd CC S&A -nspr mat pitts W to westinghouse co— gives inform rel change cc S&A -nspr mat pitts 10/21 Westinghouse EM CO 10/23 Have directed contractors to rush work W	

RECEIVING AND SENDING

1942

Number.	Date.	From or To—	Subject.
✓ 646726	10/23	Washington	Rests authority to issue radio head sets to District reserve force W Fwds S&A cc Washn 10/27
640397	from card	401	Reqst ship ment of amplifier from Washn to SO AI 1349 W 10/20
✓ 646280	10/23	To NL	Radio receivers number in store- re quested W New Lond Sub Base- 10/31. W. to N L- Fwds corres 11/9 New Lond Sub Base 11/15 Fwds change of material sheet W

RECEIVING AND SENDING

1932

Number.	Date.	From or To—	Subject.
✓ 645295	10/17	To Boston	Radio receivers- reqsts inform as to exact number of receivers on hand W Boston 10/20 Reports on Radio receivers on hand W
✓ 645298	10/17	To Washington	Design problem 212-A design of short wave driver- W
606545	FROM CARD 349		Washington- rwd's prints by messenger. To Wash 10/17 Wash 11/17 Submit estimates W
645457	see card 412		
645517	10/18	To Washington	Rwd's copies of specens for acceptance tests of Watt transmitting vacuum tube W

Number.	Date.	From or To—	Subject.
629285	FROM CARD 389		Pacif. Destroy Sqd. - receivers not recvd. 10/12 W Pacif. Destroy. Will furnish name plate data of receivers when they are received. Pac Destroyer 12/8 copy action to Pac Sqd W
628505 A	from card 408		to C-I-C Pt Isabel (IT) Advise results W 10/18 Pt Isabel T. Reports on signals heard W

RECEIVING AND SENDING

1922

Number.	Date.	From or To	Subject.	
645439	9/28	Radio Corpn	Rel to purchase of aircraft spark transmitter To Radio Corpn- Gives instrns cc SEA 10/17	7
56127	10/12	To Insp Tacoma	Reqsts status of sample transmitter 3W	529
55590	FROM JAND 320		Washington- Subm estimates 10/13 Wash 10/26 Fwds special report on tests of 2 KW & 5 KW to Washn- reqsts proper action be taken 11/7	7

898

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
✓ 638508		FWD FROM CARD 399	To Comdt 9th Dist Great Lakes- T. Sept desire test also determining range TP set compared with that of 30 KW exc. 10/12 W Bar Harbor- 11-1-17 Wash- 10/15-17-17 9th Dist- 10/16 W. (2) 9th Dist- 10/16 T- W To 9 Dist (T) will transmit test using both tube are simultaneously during whole period of test cc Dir Commas 10/14 card 409 (T) To C-I-C Pt Isabel-Tex; New Orleans- Key West- Chas- Washn Bar Harbor (T) observe broadcast test transmitting as listed cc NO K W- Was Bos 10/14 Rats shipmt of mail from Wash to Annapolis W RB 11/23 W
645291	10/13	To S&A #1306	
645932	10/15	Ports	Model EE vacuum tube transmitter- fwds print/ 302 Ports 11/10 Relay and contacts circuit motor EE vacuum tube transmitt r - fwds prints W
645933	10/16	Wireless specialt	Appra Co. was sent of letter in reply to inquiry from Bitner Sons Co. on heavy type receivers. W. To Wireless Spec. Appra Co. attitude appre- ciated 10/27.

Number.	Date.	From or To	Subject
✓ 643723	10/5	To S&A	Traffic instruction sets recommended price, revision of— W S&A 10/12 W To S&A— Requests action taken in regard to disposing of manhattan elec. supply Co sets 10/20 S&A 10/23 instruction sets installed. S&A 11/10 W
640069	from card	402	To Norf (T) one meter gen and spares received W 10/4 Norf (T) Material ship 10/6. 10/10 To Norf (T) Ask status 10/9
644106	12/11	To NY	NY coupled circuit for "TDM" Set— gives informal instr W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
644537	10/4	athaniel Baldwin Inc.	Request data on test with various telephone receivers manufd in U.S. and foreign countries. W.
644715	10/7	C. W. Eveland	Request title sheets ba Ann cov SE 1420 receivers. W. To C W Eveland- Requests datld inform 10/11 To Charles W Eveland- Gives inform 10/21 W
644753	10/9	H. G. Neubrand	Request E. J. Simon instruction book. W To H.G. Neubrand- Returns postage 10/14 W
645110	10/10	I. T. Pope	Calls attn to Co's process for repairing defective vacuum tubes. To Chas. F. Pope- Will be please to have process demonstrated 10/17 Chas. F. Pope- Explains request in detail 10/18 W To Sec War (Sec Sig) Gives action taken 10/17 To C F Pope- Requests data 10/27
644693	10/10	To S&A #1253	Requests shipment of material from Washn to P. Harbor 10/10 W Rb 4/19/22 W Pearl Harbor 2/9 Report on status of shipment. W
645058	10/12	To S&A #1291	Requests shipment of transmitter from M.I. to Porto. W M.I. 11/21 Transmitter not in stock W Rwds S&A cc MI 12/2

RECEIVING AND SENDING

1922

Number.	Date.	From or To	Subject.
643188	9/29	To S&A 1158	Reqt shipment of tubes from Washn to SO Hamp Rds W RB 1/13/23 W
643463	9/22	Pac Fleet	Request 12 - CW 1344 tubes be furnished for experimental work W To S&A Reqt shipment of apparatus from Washn to CO 1158 10/3 RB 1/16/23 W to C-1-C "20" fleet- Request for vacuum tubes 10/10
643506	9/25	Pac Fleet 411	Reqs request from various vessels covg CW 1818 vacuum tubes W

RECEIVING AND SENDING

19 22

Number.	Date.	From or To	Subject.
643272	9/30	To S&A 1169	Reqst shipment of receivers from Washn to SO Hamp Rds W Norf 9/8 gives inform
643366	9/27	Anacostia	Comments on experiments with extremely short waves. W.
643190	9/29	To O-I-C Hamp Rds (T)	For Senior destroyer officer receivers for HATFIELD, LIEUT R FOR KANE MCFARLAND OVERTON KING BARRY AND GORE arrive sat. morning. Oper base requested to deliver without delay. gives dispn of old long wave receiver W
643270	9/29	To O-I-C Hamp Rds (T)	Radio mat for des sailing Turkish waters covered by bladings arrive 9/30 by Washn boats gives instrns rel mat W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
643271	9/30	To S&A 1168	Reqt shipment of tubes from Phila to Anac stia W RB 1/13/25 W
643530	10/3	To S&A 1165	Reqt shipment of tubes from MI to CO W RB 11/4 W
644080	10/4	Capitol Phonolier Corp	Fwds pamphlets describing all wave com. eq. ⁷⁷ To Capitol Phonolier Corp— Bu has no need for a paratus 10/11
644607	from card 395		To GE Co— gives action taken re: 1130 guarantee clause of washm yard W 10/4 To Western Elec Co— Reqsts comments 1/6

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RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
643273	9/30	To S&A 1179	Request shipment of arc chamber from Chas. to S. Washn W. R3 10/31/22. W. To S&A Request shipment of arc chamber from Washn to S. Chas. 1373 10/28 Chas. 2/16 Air chamber recd Feb. 6 W
643366	10/4	To CO. Anacostia	Assignment of Radio Research Problem W
643279	10/3	To S&A 1184	Request shipment of apparatus from Washn Feb. 9 Reports on receipt of shipment of receiver W S&A 3/3 Copy action W F.R. 3/26 Reports receipt of one receiver W
643720	10/24	14th District	Posts prints and instructions for installation of radio equipment to be furnished W X 88-C-5 To P.H. Gives Action taken 11/15 cc MI

[OVER.]

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
✓ 641277	9/18	To Sec of War	Fwds print rel battery charging panel for use in Editing office by Chief signal officer W
✓ 643064	9/25	Atl. Batlshp Force	Request instructions covering disposition of burnt out amplifier transformers and re- placement of. W.
✓ 643114	9/26	General Radio Co.	Will build special 2 step amplifier for 1500 W.
✓ 642079	9/27	To Washington	Fwds print rel vacuum tube transmitter W

RECEIVING AND SENDING

1922

Number.	Date.	From or To--	Subject.
642083	9/27	To S&A 1145	Reqst shipment of tubes from Washn to SO Annapolis W RB 10/31 W
642510	9/28	To S&A 1155	Reqst shipment of dco set from NY to SO Hamp Roads W RB 10/13 W.
642511	9/28	To S&A 1156	Reqst shipment of an Radio set from GE Co to SO Hamp Rds W RB 1/27/23 W Hamp Rds 1/27 Ask what disposition to make of apparatus returned by Turkish Detachment W To Hamp Rds-- Gives instrns re: examina- tion of material 2/5/23 RB 1/36 W To S&A Reqst. shipment of transmitter from Hamp Rds to Washn 2383 3/13/23
642512	9/29	N.Y. (C)	Report on radio apparatus for destroyers. W To NY T) gives inform re: instln of receivers 9/28
643356	9/19	Wondor State Crystal Co.	Trans. re: plas of Wondor State crystals. W To Wondor State Crystal Co. Ask receipt of crystals W 10/40

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1922

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Number.	Date.	From or To--	Subject.
640826	9/14	To S&A 1045	Reqst shipment of tubes from Washn to *rook W RB 11/10 W
642511	3/2/23	To S&A 2300	Reqst shipment of transmitter from Hamp. Has to SO Washn W
641786	9/11 9/15	Birmingham Escadrille Navigation	Request audion receiving set and amplifier for turn-7 impossible to issue set 9/25
641649	FROM CARD	402	N.Y. 9/19 W. X N.Y. 9/22 W. To NY (T) Reqst reply 9/21m 9/21 To S&A Reqst shipment of spark gap from NY to SO Pug San 1126 9/25

1922

Number.	Date.	From or To-	Subject.
✓ 641629	9/19	To Pensacola	Fwds Instrn Pamphlet W Comds Washn- Neri- Districts- Listed- O-I-C San Diego Comdt Boston Fwds instruction pamphlets 9/27
642382	9/16	J. S. Creed	Fwds description of Co's apparatus covering automatic telegraph printer. W. To J. S. Creed- Requests report on demonstration 9/23 To Jason Creed- Requests catalog 9/30 J. S. Creed- Fwds description of Creed automatic telegraph system. 10/4- W. N.Y. 10/7 - W. To Mr. Jason S. Creed- Rel to purchase of a apparatus 10/12 W J.S. Creed 10/26 Fwds credited price list W
642674	9/20	N. Baldwin	Request information rel to experimental work performed on Baldwin phones. W. To Nathaniel Baldwin- Req Gives comments and instrns 9/29
642880	9/14	Klienschmidt Elec. Co.	Fwds photo of their Bar Tape Printer. W. To - Ask if considers submitting sample printing tel equipment for test W 9/28 Comments 1/8

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject,
✓ 640970	9/6	M. R. Hutchison	Radio receiver packed and shipped to Bureau. W M. R. Hutchison—Receiver shipped by express to Washington. 9/15 W.
✓ 640043	9/8	J. W. Maloney	Request specifications cov receiver. W. To J. R. Maloney—specimens are no longer available 9/20
640069	9/8	To S&A 1033	Request shipment of transmitter from Norfolk to Washn W RB 10/31. W. Norfolk (T)—Motor generator shipped to Washn 9/28 10/3 Norfolk (T)—Will ship one 10 KW motor generator to Eastern Elec. Co. at once. 10/5 W Norfolk motor generator shipped to Washn. 9/28. 10/4 W
640613	9/8	To S&A 1031	Request shipment of condensers from MI to SO P H W RB 11/13 W
632917	FROM CARD	393	Amerc. Radio News Corp. Will furnish report cov brass used. 9/11 W N. Y. 9/20 W. Amer Radio News Co. 12/28 W

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[OVER.]

Number.	Date.	From or To—	Subject.
640250	8/30	Mare Isl.	Request descriptive books cov Lowenstein 1/2 ⁴ W radio transmitter. W. To M.I. - Fwds booklets 9/7 W
5 640308	8/31	1st Dist.	Request Boston be auth to issue 3d Battalion Naval Reserve vacuum tubes. W. Fwds Boston via SEA 9/14
640298	8/28	Great Lakes	Request 50 vacuum tubes be furnished. W. Fwds SEA 9/14
640397	?	Mare Isl. see card 410	Fwds copy of report on flash exhaust test type SE 1444 vacuum tubes. W. re MI— Gives status of shipment 9/19 To MI— Request status of amplifier 9/22 Mare Isl— Request 3 radio frequency transformers be fwded. 10/3 W.
640421	8/25 9/5	Mare Isl. Washn.	Request vandyke of vacuum tube specifica- tions be furn. W. Fwds Washn 9/7 W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
640567	9/6	Washington	Request auth to manufg anode tips and renewals for stock. WRS. to S A- Gives instrns- submits estimate 9/23 SAA- Copy action to Washn- 10/3 W SAA- Copy action to Washington- 10/30 W SAA 11/7 Copy action of Washington W Washn 11/16 W SAA 11/21 W
640924		FWD FROM CARD 326	To Comdt Washn- Further detls to be given later 9/7 W to Washn- gives authy to make changes 10/5 Washington- Reconn's research Labr. personnel require safe as constance of bottle ships. 10/13 W Washington- gives probable date of comple- tion 10/17 W to Washn- Gives Action taken 10/19
640929	9/8	Bureau Stand. Labr.	Report on test of 500 Watt AC tube transmitter From SHAMUTT. W.

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
✓ 638698	8/25	To Washn	Design *problem #69 -Radio Receiving Tubes Test of Westinghouse Dry battery Tubes performance curve W
✓ 638699	8/25	To Washington	Radio Telegraph Design *problem #66- Radio Transmitting tubes- Test of Mullard Valve- Fwds sample W To John Firth Co-Inadvisable to carry out tests 8/31 W Jno. Firth & Co.- Can witness test week of 9/11 9/5 W To Washn- Fwds characteristic curves 9/11 To Washn- Gives action 1/13/23 To Washn- Gives action taken rel test 1/16/23
639454	8/25	<u>GE Co.</u>	Test set for testing vacuum tubes- recommenda- tions cov circuits and apparatus necessary - will be fwded. W. To Insp. Mat. GE- Gives inform 11/1 BB 11/8 with comments D GE Co 12/22 Submits quotation W
639476	8/5	S&A	Copy of letter to Phila. authorizing sale of 5 KW spark transmitter removed from OHIO. W
✓ 639863	8/22	Mare Isl.	Fwds suggestions from G. T. Royden cov mechanically tuned repeater. W. Fwds to Macostia 9/15 BB 9/21 W. To MI- Gives action taken 9/23

RECEIVING AND SENDING

1922

Number.	Date.	From or To--	Subject.	
638701	8/29	To Comdr Des Squads Atl- Pacific Fleet	Destroyers not equipped with Edison Radio Sto age "B" batteries W Pacif. Destroy- Lists destroyers and batteries on board 9/7 W Battleship Force- 9/15 W Pacif. Destroy Sgd. - vessels not equipt with B batteries. 9/7 W To S&A Request shipment of batteries from Washn to Boston 1345 10/19	
638916	8/29	To C-I- 3 Pac Fleet- Comdr	Vacuum tubes Type CW 1818-Requests for- S&A W Atl. Battleship Force 9/1 W	
65508	8/31	Washington	Report on test of an ple amplifier sub- mitted by R&C Cd SW	629
640143	9/1	Washington	Fwds drawings cov transformer of choke coil. W	
638696	1/13	To Washn	Receiving tubes- test of GE miniature tubes W Washn 9/7 Fwds copy of reply dated 2/14/23 W	

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.	
639203	8/22	L. C. F. Horle	Ask if can apply for patent thru Navy gov radio frequency amplifier windings. W. To L C F Horle- Gives inform 8/28 To Mr. Lawrence C. F. Horle-Desirable that license be on file 9/5 W	
639273	8/24	Anacostia	Diagram of multiple reception circuit- fwd's with report gov. W. To CO Anacostia- Rqsts results of test 9/11	
639292	8/25	Washington	Fwd's vandykes and prints gov revised type SE 1834 Amplifier. W. To Natl Elec Sup Co- Fwd's drawings on amplifiers 9/2 W	
639315	8/7 8/21	14th Dist/ Mare Isl.	Request instruction books in conn with CE 861 radio transmitters be furn. W To Comdt P H Fwd's panel transmitter copies 8/31 W	
639922	9/1	To S&A \$1000	Rqsts shipt of vacuum tubes from Washn to Annapolis W RB 11/11 W	

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
638858	8/16	W Houghland	transmitting vacuum tube purchased from Navy - gives results obtained with: W. W. Houghland - request databe furn. 8/28 W To Mr. W. Niederlander Houghland - Navy has no responsibility in re-sale of tubes 9/8 W To Houghland - gives inform rel tubes 9/9
638992	8/23	N.Y.	Recommends cable transformers be purchased and held in store for replacing defective ones: W To Comdt N.Y. - Rata NY 10 sub reqst 9/7 W cc Comdt Washn SEA
638805	8/23	To Inspn mat GE	Ends Plans in connection with- vacuum tube 56275 To Inspn mat GE gives inform rel plan 8/26 Inspn GE Request specifications be fwded. 8/25 W To Inspn GE Co - fwds drawings 9/7 W
638508	8/23	To Washn	Performance of Model "TD" set reqsts comments W 9th Dist. (C) Tests held 10/3. W. 10/2 9th Dist. (T) Expedite report cov. 9th Dist. (A) Suggest some Atl. Coast station listen for test. 10/11 Estimates cov remodeling 2 stage audio frequency amplifiers W To Comdt Washn - Reconditioning of frequency amplifiers 10/14 W Wash 10/10 Gives job order number covering recondition frequency amplifier W
639132	8/24	Washington	

RECEIVING AND SENDING

3922

Number.	Date.	From or To—	Subject.
637917	8/16	Dept Commerce	Ask if can purchase transmitting sets for use of radio inspector at Frisco. W Fwds S&A 8/22 To American Radio News Corp- Request report on result of tests 9/19
637461	8/16	To W Davies	rel manufacture of vacuum tubes Request sample W
637805	see card 379		
638062	8/17	Washn .	Fwds vandykes showing choke coil for tube transmitters. W
638124	8/16	Cmdr. <u>A. B. Reed</u>	Contracts let for receiving sets using new universal amplifier have resulted in saving of \$11,000. W
637270	8/15	To S&A	902 Request shipment of receivers from Phila to SO Washn W RB 10/31/22 W Phila. 10/12 W. To Phila via S&A- rel shipment of receiver 10/17

Number.	Date.	From or To—	Subject.	
✓ 638201	8/18	New York	Request prints showing 1/2 KW spark sat with S-A receiving equipment W To NY- Fwds Vandyke 8/24	
✓ 638423	8/17	Wolf Milling Co.	Ask if Navy vacuum tube will work on radio Grebe -CH-9. Inform rel 8/25	
42141	8/19	To NY	Estimate for repair and Testing Model AD arc transmitters- estimate approved	529 WS
✓ 638575 FWD TO GARD 419	8/17	Atl Battleship Force	Request Bureau instructions cov disposition of surveyed vacuum tubes. W. To S&A- Repts listed be substituted for S&A circ. let #12 1/20/21 W 10/4	
✓ 638877	8/12	N. L. Kraysman	S&A C. re- Corrects previous letter cov title and disposition of vacuum tubes. 10/6 S&A C. re- 1st letter 1/20 be cancelled. 10/6 W Request information rel to instln of high power vacuum tube transmitters on Panama Canal Floating equipt. W. To N. L. Kraysman- gives Inform 8/25	

Number.	Date.	From or To--	Subject.
✓ 637302	8/11	Washington	Fwds revised drawings of universal amplifiers.W
✓ 637461	8/10	J/ W. Davies	Fwds sketch showing an improved vacuum tube. W.
637134	8/12	To S&A	865 Reqt shipment of Receivers from Parts to Washn W. RB 10/31. W.
✓ 637140	8/12	To S&A 871	Reqt shipment of tubes from washn to Radio Va W
637648	8/14	Western Elec Co.	We using copper plated finish on head sets of receiver magnets instead of asphalt painted finish. W. To Western Elec Co- appvd cc Washn- In pr mat NY 8/28
637135	8/12	To S&A 867	Reqs shipment of receivers from Norfolk to Washington W RB 10/31. W.
637136	8/12	To S&A 868	Reqs shipment of receivers from Boston to Washington W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
✓ 637157	8/12	To S&A 869	Re: shipment of receiver from Class to Washington. W RB 10/31. W
✓ 637265	8/15	To Comdt New York	RA battery charging unit in store at Norf. N.Y. - Ask when and how W rectifier for San Juan will be sent. W. 9/30-4 10/2 To S&A Regt shipment of Rectifier from Norf to San Juan 1203 10/5 RB 1/30 W
522042	FROM CARD 377		Here Isl- wds copy letter from CCS rel to request for apparatus by Aerial Coordinator Prison for Public Health Service. 8/9 W 920-15 Fwds Dir Comms 8/26 RB 8/31 W Fwds San Diego via Dir Comm- Pac Coast Comm- Supts- Comdt MI- Gives inform rel instn W 9/23 cc. 1 9/23 RB 11/6 W Fwds Dept via Dir Comms 11/10 cc MI- Pac. Coast Comm Supt.- 11 Dist- Pac Fleet 11/10 RB 11/17 W To MI 11/ Establishment Union monitor system authd cc MI- Pac Coast Comm Supt. 11/23 4th District 12/6 T Rqsts instructions W To MI- 12 Dist (1) Gives action 12/7

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
635814	7/27	L. C. F. Horle	Radio frequency amplifier which he developed while at Washington yard- request correspondence and sketches cov in conn with patents to be requested by some English concern on type of winding for. To L C Horle- Gives Action taken 8/4 To Washn- Gives Action 8/4 Washington- fwsd photo and copies of correspondence 8/24 W.
635928	7/31	War Dept	Request fwd prints showing Navy Universal amplifiers W 27-1
547204	from card 308		To Washn Dersey High Voltage system- manufacture subhd W 8/3

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
624443		FROM CARD 382	Newport Naval Hosp. Ask if material has been located. 8/3 W. To D. I. Brook Comdt Norf- Requests inform 8/14 Navy Supply Depot 8/8 List charging panels & spare parts boxes available Norf- Lists batteries and charging panels on hand. 8/18 W To Newport- Spare box cannot be turn 8/30 W of Boston. To 941 Hqsta. shipment of matl from S Brook to Boston 8/31 W
636204	8/7	To Washn	Special spare parts for Model 3 F G M and R Reag equipment- Stock of- Recommendation of W see 167-6 Washn- Recommendations cov special spare parts for receiving equipt. W. 8/15
636770	8/8	F. H. Dargue	Request reading of Navy vacuum tube plitrons. W To Frank W. Dargue- Satis as receiving tubes 8/15 W To F. H. Dargue- RB 8/25 W Gives Inform 9/21
636900	8/9	Jno. Firth & Co.	Fwds copy of report covering work done in conn with arc transmitters - ask if can suggest any material to take place of bakelite. W To John Firth gives Inform 8/12 Jno. Firth & co.- Request requisition be fwded. 8/17 W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
633926 FWD TO CARD 401	7/25	To Washn	Design problem No 205 Design of 100 Watt short wave Transmitter Gives instrns W Washington- Minutes of conference held at radio test shop on design of 100 Watt short wave transmitter. 8/28 W To Comdt Washn- Short wave transmitter to be used 8/31 W
633927	7/25	To Washn card No 421	Design Problem No 206A Receiver for short wave lengths (200-500 meters). Gives instrns W To Washn- Fwds data 10/18 To— GE- Western Elec Co- wireless Improvement Co- Gives requirements Bu desires short wave radio recr to meet 10/28 GE CG 11/7 W Failure of type CG 1353 vacuum tubes- report cov W To Washn rel miscellaneous cont based on by for covering new or special radio material 8/2 sec-55683 Jk W's Washn fws copies of correspondence. 8/15 W
635064	7/27	Washn.	Estimates cov manufg of adaptors for vacuum tubes. W To Washn Estimate appvd 8/18
635068	7/27	Washn.	
633930	7/26	To Comdts listed yards-Stations	Improvements to Model "TD" Tube Sets- modification of W

RECEIVING AND SENDING

1922

Number.	Date.	From or To	Subject.
✓ 634607	7/28	To GE Co. Western Elec Co	proposes to insert the listed requirement in all spec's covering transmitting vacuum tubes. Reqs comments W GE Co. 8/19 W Western Elec. Co. 9/19 Suggestions 7. Co. Sum comments requested. 9/23 7. To Washn- Reqs corrs 10/4
634608	7/28	To S&A 794	Reqst shipment of equipments from Phila to 30 N Y W RB 8/24 W
634930	7/29	To Phila	Radio Ays Sct- Status of Reqs inform W Phila 8/3 W
✓ 634932	7/31	To S&A 811	Reqst shipment of mat from Phila to Air Squad PAC Fleet W RB 1/18/23
635556	7/28	Macostia	Reception of AQ tube transmitters- Reqs Curve showing results. W. Reqs Washn 8/26

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
633491	7/21	To Washn	Special duplex transmitting and receiving System Request for comments on cc Washn- O-I-C Bu of Standards W Washn- Same comments. 7/21. W
633698	8/22	To Inmr. Washy NYS Phila- FR	Fwd's Plans W
633524	7/24	To Washn	Assign problem to CG. Use J W 1344 page tubes- Request estimates and comments W
634633	7/25	1st Dist T	Request authority to issue radio trans- mitter Springfield Mass W 1st Dist. 7/27 To Boston (T) Auths issue of transmitter 7/26

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
✓ 632215	7/6	Mare #1.	Fwds letter from G. T. Royden, Radio Labortn. submitting scheme for high speed reception. W. Fw 16 10/30 BB 11/7 W Fwds MI 11/10
631901	7/13	To OO Lake	Design Problem No 2- Test of Model TE transmitting equipment W 8 To CO S-48-51 inspa net nacey 8/4
632631	7/5	Shipping Board	Vacuum tubes- Radio Corp has agreed to sell improved type for commercial use. W to U.S.S. 10/30 BB 11/7 W
✓ 632733	6/12 7/14	Pearl Harbor Aviation	Test with experimental low power CW tube transmitter - report cov with print. W. To CO 11- comments. cc Arch. 11/30, 11/21
632280	8/8	To S&A	Payment of filing fee of \$20.00 on application of Wendell L. Carlson W R

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
631901	7/14	To OO Lake	Gives Inform rel test of Model TE transmitting equipment W
631904	7/12	To S&A 656	Reqst shipment of tubes from Washn to Insp'r FR W
631907	6/13	To S&A 689	Reqst shipment of tubes from Brook to SO MI W S&A- Navy Sup havot request cancellation Instructions 7/22 Fwd S&A 88 MI- C-I-C Brook 7/28 S&A 8/8 W
632917	7/8	American Radio News Corp	Have developed high speed system- request permission to use Sayville Sta. for test. W. To Amer Radio News Corp- Reqs a descrip- tion 7/18 W American Radio News Corp Sketch showing apparatus needed for instn at Sayville 7/22 W To NY- Reqsts report be submitted upon com- pletion of work covering results neccy with Recomms 8/2 To Amer Radio News Corp- Reqsts data re NY 8/2 Request loan of receiving sets and other apparatus for transmitting crop and market reports. W. To Hon Sec of Agriculture- Ack letter 7/15 W Dept Agriculture- Will advice when equip- is available 8/7 W Dept Agriculture- Request amplifier be furn- ish 8/16 W To Hon Sec of Agriculture (Asst Sec Sig) impossible to loan amplifier 8/16
TO CARD 402			
633112	7/15	Dept Agriculture	

Number.	Date.	From or To—	Subject.
631164	7/6	To S&A 654 896	Repts shipment of transmitting set from New York to New York W To S&A- Repts shipment of generator from Boston to NY 8/15 W Boston- Copy action to Western Elec. Co. 8/22 W Western Elec. Co.- Returns copy of shipment 8/15. 8/29 W.
631165	7/6	To S&A 655	Repts shipment of transmitting set from NY to NY W S&A 7/24 Copy of action to NY W
631729	4/11	Veterans Bureau, Phila.	Request loan of radio receiving outfit for vocational training. W. To L.E. Loan- Impossible to loan appa- ratus 7/12 W
631774	7/8	Communications	Fwd's copy of letter from Shipping Board rel to purchase of vacuum tubes from Radio Corp of America. W.
631762	7/7	Washington	Policy and specifications for transmitting vacuum tubes -determination of most suitable 250 Watt tube for naval use. W.

RECEIVING AND SENDING

1922

Number.	Date.	From or To.	Subject.
631952	5/16	Cdr. S. C. Hooper <i>Signature</i>	Vacuum tubes which cannot be used by Navy will be sold- high bid of \$3.02 each received. W.
610979	FROM CARD 355		Washn- recommends model set be completed. 7/7 W. Washington 8/11- Fwd's vandykes. 8/11 W then 12/4 Su. sets that are carried out after installation of first set on board To Washn- instrns cancelled 12/16
Bu 96 N S A F -22	WR 7/10	To S&A	Vacuum tubes for Stock- recomdn of award W R

Number.	Date.	From or To—	Subject.	
630376	6/28	Boston	Report stock of vacuum tubes. RW.	689-1
✓ 630737	6/29	Brk. F. <u>Herry & Sons</u>	Fwds radio blinker recvg set for trial.	W.
✓ 630724	6/28	<u>GE Co</u>	Fwds copy of advertisements for vacuum tubes - states is a reason against sale of To 3rd Nav Dist - <u>caution</u> for tubes to be sold in accord with a report 7/3 W cc 3rd Nav Dist RB 7/12/22. W. Fwds M&A 7/5 W To Mr. A.G. Davis - 7/3 W To Mr. Co - <u>caution</u> 7/12 W	W.
✓ 630570	7/3	To Gen Elec Co	Representatives being sent to inv sti- gate radio receiver design. W To West Elec Co - sending representatives for inspection 7/3 W GE Co. will send representatives. 7/6 W To GE Co - comments 7/13 To Western Elec Co - 7/13	W
✓ 630432	6/30	To M&A 626	Re: shipmt of batteries from San Diego to E.I. W	

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
✓ 630436	7/3	To USS MELVILLE	Rest for survey of Radio Amplifiers. W
✓ 630438	7/3	To S&A 635	Rests shipment of Radio matl from Wash to Boston. W
631291	6/27	D. H. Gray	Ask hook up of receiving set fitted with crystal detector. W To S&A Emls letter 7/12 W To D.H. Gray- Emls letter 7/12 W
631481	7/6	Bur Standards	Request 6 transmitting tubes for test purposes. W. To Secy Commerce Will furn 7/13 W cc S&A Wash
631163	7/6	To S&A 563	Rests shipment of transmitting set from Camden to New York. W Rb 7/29/22. J. Insp'r NYS- (T) 10 KW set for SARATOGA not recd. 7/10 W. To S&A Request shipment of transmitting set from NYS to SO NY W 693 To Insp'r Camden- T- Approve substitution Wash ten kilowatt set 7/11 W

RECEIVING & INDEXING 1922

Number.	Date.	From or To—	Subject.
629462	6/22	Bureau of Standards (Sec SI;)	Ask if can secure C.G. 1162 transmitting tubes for experimental work. To Secy of Commerce Radio vacuum tubes can be supplied at approximate cost of \$2.65 each 8/22 Fwd 3 & 7/25
589084	from card 331		Fwd 8 & 8/1 Standards 7/25 W To Washn- improvements to high speed key- manufacture of parts appd W 6/23
628741	6/23	To Insp'r machy Lake	Vacuum tubes- Operation of-- W
629937	6/30	To Norfolk work on	Audio instruction set practically completed. W Norf 7/17 W To Norf- calls atten to problem- 10/17 Norf 10/25 W Norf 11/10 will expedite problem W

Number.	Date.	From or To.	Subject.
629556	6/19 6/23	Naval Hosp Norfolk M&S	Request loan of a standard set W Fwd Norfolk 6/29 RB 7/14 W To Comdt Cavite - Ltr 7/15 W to Cavite Norfolk.
629378	6/26	To Comdt Cavite	Fds vandykes on Radio Telegraph. W W Cavite - Lists vandykes recd. 8/4 W
629540	6/24	To S&A 6583	Request shipment of Amplifiers from Ports to SO Washn W RB 7/24/22 - W
630141	6/27	S&A	Andion bulbs type 886 - asks if sale is approved by S&A. Fwd S&A 7/3 Cras 10/24 Asks what disposition to make. W To S&A Asks list of types of tubes in store 11/3 S&A 11/8 Fwd list of vacuum tubes on hand W Cras 8/3 Asks if any further instrns W Wash request from Lt. L. C. Mulligan re to purchase of radio transmitters from Navy.
630140	6/26	S&A	

RECEIVING & SENDING

1922

1

Number.	Date.	From or To—	Subject.
628494	6/16	Am Radio & Research Corp	Reports returning of telephone trans- mitter to Boston. States transmitters could not be kept in condition by inexperienced amateur W
		CANCELLED	
628563	6/16	Perts	Request expedite delivery of vacuum tubes W F is Washington 7/3 R
628778	6/19	Washington	Redesign of anode tips for 100 KW arc sets. Fwds prints with recommendations W
629285	6/9	Pug Sq	Receivers received for destroyers out of commission. Request be invoiced to S.O. & placed in stock W
TO CARD	409	Pac Mes	To Pac Fleet- Approves suggestion 7/6 W C Wash

Page Dept. 8/30
To Pac Fleet- Requests names of vessels from
which receivers were removed 9/11

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RECEIVING & SENDING

1922

Number.	Date.	From or To.	Subject.
628635	6/5 6/15	CO WYOMING Atl Fleet	Report on operation of 50 watt filament vacuum tubes W
628661	6/19	Ports	Ask if can remove vacuum tubes from radio telephone in stock for issue W -ports- Request reply to letter 6/19. 2 W To Sec- Advise stock be replenished 7/15 WBS cc - ports To Sec-R planishmt of 7/15 WBS
629144	6/21	Phila	Status report on 1/2 KW transmitting sets on hand W 1/2 KW (2) Fire to Yards direction all transmitting sets now being be drawn and charges to be made before to Sec- status 6/27
629312	6/20	Signal Corps	Fwd preliminary report on Navy type S-E 1834 amplifier W Fwd Wasin 7/22 RB 8/7 W

Number.	Date.	From or To—	Subject.	
628338	6/15	Hammond Laboratory	Intra Fleet transmitting & receiving sets Cc can live up to specifications W	
530418	6/15		To CO Annapolis Design Problem Arlington re phone set- gives inform CO Wash DC 6/17	cc Wash

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
627843	6/14	To S&A 502	Reest shipment of Tubes from Washn to SO Anacostia to SO Anacostia W
628067	6/15	to New York T	*sk if practicable test model AR are 1st part coming week W NY 6/16 T. Ready for test June 22 W
628431	6/16	S&A	Vacuum tubes: gives list of those on hand in various yards & supply depots. Request instructions for selling W to S&A— Submits Records 7/22

RECEIVING & SENDING

1922

Number.	Date.	From or To—	Subject.
627708	5/27	Lt. B. H. Mack	Fwds sketch showing conn for operating arc set with damped oscillation through a grid. Ask is experiments have been made W
627756	5/24 6/12	Ports Washington	Ask when shipment of vacuum tubes will be made. W Fwds Ports 6/23
627360	6/12	To Washington	Patent on vacuum tube apparatus—Request for inform W Bur Stand Labr—Comments on patent. 7/10 W
627794	6/12	Washington	Estimates cost mfg of improvements in high speed arc key W

898

Number.	Date.	From or To—	Subject.
627866	5/8 6/10	C. W. DeKnight S&A	Ask if can purchase wireless outfit for dredge owned by United dredging Co. W RWS SEA 6/20
627933	6/13	Washington	Report on test of model TM AC tube transmitter W To K. S. C. J. & Co. - rel change in material 6/17 K. S. C. Co. - NO additional charge for changing details. 6/20 W.
627913	6/12	Radio Corpn of America	Submits quotation on tubes mfgd by M. O. Valve Co W

RECIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.	
627291	5/29	Signal Corp	Was circulars cov vacuum tubes to be disposed of by War Dept.	
627295	6/8	Jno. Firth	Ask dates of opening bids for radio apparatus listed. W. To Firth & Co- Gives Inform rel Bid 5/12	
55984	6/8	To C-I-C Atl Pac Fleets	Use of Type 1918 50 Watt Vacuum tubes. gives instrns rel instrn co washn MI Pug	629 Snd.
900-6421	6/9	To S&A	Vacuum tube transmitting apparatus for submarine built- Recommen of award WR	706
626646	6/9	To Navign	Enlisted personnel for Radio Station EMILVILLE-- radio tests of vacuum tube apparatus W	522

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.	
900-6366	6/9	To Washn	Calling for type GG 918A vacuum tubes life test specs WH	706
627232	6/9	To SAA 423	Request shipment of Receivers from Norfolk to St. Annapolis W RB 7/19/22.W	
627232	6/10	To GE Co	Bureau is interested in Vacuum transmitting tube. Request quotation on tubes be sub- mitted W G.E. Co 6/12 Submit a quotation W	
627727	6/3	O.W. Tyler	Request instructions for making a receiving set to O W Tyler- Gives Instrns 6/19	
53076	6/15	Washington	Report on test of tubes by GE Co by W.C. White after visit. SW	629
55984	6/10	Atl Fleet Circ	Ref to trouble experienced with vacuum tubes SW	629

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
600344	1/17		To Insp'r mat GE Vacuum tube transmitting equipments negatives of photographs of equipment returns W 6/1
626423	6/6	Hon. C. E. Townsend	Request receiving and sending equipt be loaned to Michigan State Fair Assn. W.

772

1922

4-3341

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
599193			To S&A Regst shipment of mat from Washn to CO 369 W 5/25 RB 9/25 W To S&A Regst shipment of mat from Washn to CO 369 5/25 Fwds CC 5/25 Fwds Washn 5/29 S&A- Copy action to Washn. 6/2 W.
624984	5/25	To SAA 374	Regst shipment of tubes from Phila to Washn W
✓ 625160	5/26	To NY	Modified 2 KW Radio arc transmitters Gives ins trns W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
Bu 417 Eng 22 5/27		To S&A	12 Universal Amplifiers Fwds Rqn W R
625955	5/29	Natl. Elec. Sup. Co.	Fwds drawings showing universal amplifier— gives price of. W.
626200	5/31	Washington	SE 1420 receivers— recommends be put in suitable condition for re-issue as soon as possible. W. To Washn— Request estimate be submitted ca Secys office 6/8 Washn— Secy estimates. 6/30 W. To Washn— Appvd estimate 7/18 W R
626201	5/31	Washington	Tracings and specifications for TL and AG tube transmitting equipmt— fwds. W.
626202	5/31	Washington	Fwds prints and specifications cov 250 watt transmitting vacuum tube. W.
626199	5/31	Washington	Fwds report on test of type CW 1344 miniature vacuum tubes submitted by Western Elec. Co. W.

RECEIVING AND SENDING

1922

Number.	Date.	From or To--	Subject.
✓ 624733	5/19	T. Y. <u>Crowell Co.</u>	Request photo of Heterodyne receiver used by Navy for publication. To Thomas Y Crowell Co- Requests photographs 16 returned 5/31
✓ 624872	5/22	Washn.	Fwds vadykes cov motor buzzer transmitter wave changer. W.
✓ 624303	5/19	To MI (T)	Wire experience 12 Dist rectifiers for radio filament and plate batteries W MI- (T) Edison type B-4 batteries Satisfy 5/23 W To MI (T) Requests inform rectifiers for battery charging 5/26 MI (T) GE 6 ampere rectifier suitable for shore stations where batteries are to be charged. 6/1 W J. C. Warren will be in Washington 5/26 to demonstrate transmitting tubes. W. To GE Co (T) Satisfy demonstration watt radio tubes 5/25
✓ 625107	5/24	<u>G. E. Co.</u> (T)	
✓ 625238	5/24	<u>Independent Wireless Tele.Co.</u>	Request 5 KW spark set on board OHIO be turned over to OO. W. Fwds S&A 6/3 W To S&A- Request uniform 7/15 W To Independent Wireless Tele Co- Expected official action taken next week 7/15 W To S&A- Requests reply 8/31 W S&A- 5KW standard spark transmitter auth for sale 9/2 W S&A- request distribution of at Phila. 10/17 W

RECEIVING AND SENDING

1922

Number.	Date.	From or To-	Subject.
625242	5/24	Washn:	Specifications for model TM Ac tube transmitter have been mailed to various contractors listed. W.
624837	5/25	To War Aircraft Fac via Comdt Phila	Type CG-915 Vacuum tubes- amount on hand. Request inform W Aircraft Factory 6/5 W. Phila- Report on tubes in store. 6/6 W Memo for Dept Rel invent ion 6/7
625373	5/22	H. E. BROWN	Request inform concerning amplifier developed by Dr. J.R. Miller - W. To H E Brown- impossible to furnish details 6/1
625382	5/25	<u>Wireless Imprvt Co.</u>	New design of 20 KW arc transmitter completed- have requested Cdr. Reeves to inspect same W. To Wireless Improvement Co. inform rel test 6/27 To NY-- gives inform rel test 6/27

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject	
624357	5/18	Washington	Replacement transformers for radio frequency amplifiers types SE 1617 and 1615 recommendations, stock be handled. To Wash - Aircraft Transformers for radio amplifiers-- reqs estimate 5/25 S&A- Copy action to Washn. 6/27 W. S&A- request action. 6/3- W	
624443	5/19	M&S	Wash 6/18. Submits estimate of 11/10 for transformers will be required W Fwd S&A 12/1/22 Fwds letter from Newport Naval Hospital requesting standard radio set be furn. W. Fwds letter 5/22 as 5/27/22 W. Boston- Copy action to Newport Naval Hospital. 5/25 W	
TO CARD 396				
624430	5/18 5/18	Inspr GE Insp Brook.	Naval Hosp Newport 6/14 list apparatus recd W To C-R- Newport- will furnish spare part box 6/19 Fwds copy of letter from Parris Island asking invoice price of radio telephone transmitter type SE 1100. W. Fwds S&A 5/25 S&A 6/13 Copy of action to Parris Island W	
900-6370	5/20	To Comdt Cavite via MI	Awarded to Fed Tele Co cov purchase of 2nd chamber. WR	706

RECEIVING AND ENDING

1922

Number.	Date.	From or To—	Subject.
621734	FROM CARD 377		Navy Sup Depot— Two motor buzzers available for issue. 5/19 W To O-I-C Brook— Rel shipment of Trans mitter 5/25 Navy Sup Depot— Copy action to Norf. 6/1 W. (2) S&A— Copy action to N.Y. 7/21 W
623248	5/20	To CO's listed yards—listed	Fwds addnl sheets for Model "TC" instruction book. W
624304	5/20	To MI	Report on Type SE 1413 high speed keys cc Washn W M.I. 6/19 Have requested report on operation of relay key W Mare Isl— Subm report on operation of high speed relay keys. 8/22 Fwds Washn 9/2 W RE 9/15 W

Number.	Date.	From or To—	Subject.
623636	5/15	Washington	SE-1387 driver for use with Universal amplifier. Fwds prints W To Washn design work appvd 5/20 Washn- fws prints. 5/26
623246	5/15	To S&A 280	Recst shipment of generator from Ports to SO Annapolis W RB 6/21 W To S&A Recst shipment of Generator from Burton to SO Annapolis 293 5/15 RB 6/15 W
623656	5/15	Washington	Operation of Uni-wave keys on 220 volts Dc. Request ships be instructed covs W To Washn-- gives inform 5/27 Wash 6/22 Modified uni wave arc key. Fwds prints W To Washn design 7/20 W
623721	5/11	Radius To	Calls attention to Baldwin phones. Gives price of W To Radius Co- will be pleased to furnish cc specens 5/18

RECEIVING & SENDING

1922

Number.	Date.	From or To—	Subject.
✓ 623465	5/17	To O-I-C Brook	Radio arc sets Status of cc NY W S&A 5/23 W.
623247	5/15	To S&A 294	Request reprint of telephone from Washn to EO Annapolis W.
*623248	see card 362		
624095	5/15	<u>American Radio Corp</u>	Ask if Bureau has any detector or amplifier tubes for sale. W. To Amer Radio and Research Corp—rel sale of tubes 5/19
✓ 624091	5/17	<u>Dr. F. G. Ritchie</u>	Request description of universal amplifier recently designed. W. To F. G. Ritchie—impossible to give detail 5/22
14772-583	5/9/22	N.Yd Phila- Eng	S.E. 1370 Vacuum Tube Transmitters secrecy of.

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.	
623141	5/9	W. C. <u>Graham & Co.</u>	Request be advised when receiving tubes are sold. W To W C Graham Co- does not contemplate selling tubes 5/16	
54189	5/12	To Comdt's listed	Remote control equipment for model "TD" shore station transmitter. instruction books for Givens inform WS	629
900-6366	5/9	G.E.Co	Subm suggestions cov specifications for transmitting vacuum tubes. RW	706
623037	5/12	To NY (T)	Remove large model data name plate from arc converters Model AD equipment instructions follow new name plate data W To NY- Repts estimates re submitted 5/16 NY- Subm estimates. C/S W To S&A- Regt is advised action taken 5/13 S&A 5/14 Copy of action to NY W	

1922

Number.	Date.	From or To—	Subject.
623045	5/13	To Bu of Standards	Radio Research Problem No 137 b S Type Rectifier tubes W Radio Labr- S type of rectifier tubes- reports on, 6/30 W.
623046	5/15	To Norf	Spark Gap Units Status of Requested W RB 5/19 W
623242	5/15	To MI	Reqs status of spark gap units W M.I. 6/13 List spark gap units in store W
623244	5/16	To Pug Snd	Radio Telegraph Return of tracings W
623769	5/15	Atl. Battleship Force	Copy of letter to Squadrons directing vessels take necessary action to prevent theft of radio material now being sold by enlisted personnel to civilians in New York. W Atl. Battleship Force Copy of letter to 3d Dist- directing investigate purchases of vacuum tubes by A. Winters from a radio man on board OHIO. 5/15 W. Atl. fleet 8/11 W to Atl. fleet via C-I-C Atl fleet- gives action taken cc S&A 9/21

Number.	Date.	From or To—	Subject.
622807	5/10	S Shearn	Request inform rel to radio tubes to be sold. W. To S Shearn Fwdg copies of catalogue 5/15
573848	5/10	S Shearn	To S&A Regst shipment of receiver from CC via Union to Washn 244 5/10 W

RECEIVING AND SENDING

1922

Number.	Date.	From or To	Subject.
✓ 622335	5/10	To C B Myers ✓ Radio Audion Co	Bu has been informed that you have recd from an unofficial source a copy of a report of Naval Radio Research Lab on a number of vacuum tubes manufactured by your Co ask not to use report in any way whatsoever W To Phila Disclosure of confidential inform- ation 5/10 RB 5/20/22. W Radio Audion Co. 5/11 W To Insp Mat GE-- Gives Action 5/27 Fwds Phila 6/8 RB 6/21 W
623089	5/11	GE Co.	Will submit transmitting tubes with new Exal filament for test. W To GE Co- Gives inform rel tubes 5/16 GE Co.- Subm tabulation of operating characteristics of tubes 5/26 W G.E. Co 6/9 Comments on filament tubes with question covg W To Anacostia-Washn- Fwds samples 9/6 W
TO CARD	402		
✓ 621871	5/9	To Sec of War (Sec Sig Asst)	Fwds fifteen copies of instruction books W
✓ 623106	5/11	A. M. MacCutcheon	Request inform rel to sale of audion bulbs. W To A M MacCutcheon- Gives inform 5/17

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
622111	5/3	P. E. <u>Lehde</u>	Request prints cov design and assembly of radio telephone transmitter for Tulane University To Pendleton E. Lehde has no prints available 5/12
622235	5/5	Insp. GE	GE Co. is offering crystal detectors for sale manufactured by Lowenstein Co. on contract 43761- as if sale is legal. W. Pwds SEA 5/12 RB 5/20 W. To SEA— gives inform E/24
621298	5/6	To U-I-C Annapolis	Sound-Assignment of sound Research Problem- Gives instrns W
621864	5/6	To Norf	Radio Arc Sets Status of Regst same W Norf- 5/10 W.
622487	5/8	Phila.	Request four SE 1593 transformers be invoiced from aircraft factory to Phila. Yard for repairs at radio labr. W/ Pwds SEA 5/16

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
578780	FROM CARD 325		Atl. Fleet- Fwds report from CO ARKANSAS. 5/4 ^W Fwds Washn 5/15 RB 6/1/22.W
622133	5/9	To Western Elec CO	Request inform covering resistance units Western Elec Co. Inform rel to current of tube. 5/24 W To Western Co- rel increased cost 5/29 To Washn- CO Macostia- Gives designated groups 5/29
622748	5/8 5/10	Z. B. Grant Communications	Request inform as to purchase of radio receiver. W. To Z B Grant-- Gives Inform 5/16
622771	5/8	G. E. Co.	Request inform on radio frequency amplifier. W To-- impossible to furnish details of universal amplifier 5/13 GE Co. 5/15 W
Bu 327 Eng 22	5/13	To S&A	Vacuum tubes Fwds Rgn W R

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
621542	4/26	Cdr. E. H. Loftin	Memo of conference with Prof. Pupin rel to supersonics and amplifier to be used in comm with W.
621143	5/2	To S&A 189	Reqst shipment of Amplifier from Washn to Pug Snd W
621734	4/28 5/2	GO CONTACOOK Atl. Train To S&A Reqst shipment of buzzer from Brock to SO Norf 296 5/16	Request motor buzzer set be installed - commander train recommends be installed on tugs and mine sweepers. W To Norf - rel install of transmitters cc CO- Atlantic Fleet 5/6 Norf. 5/11 W To S&A Reqst shipment of Transmitters from VI to SO Pug Snd 298 5/16 To S&A Reqst shipment of Transmitters from Brock to SO Norf 297 5/16 6/20/22 W Fwds preliminary description of radio broad- casting sets. W
621834	5/3	Western Elec. Co.	
621919	5/3	American R/r Corpn	Request Boston be auth to loan CW-936 telephone transmitter and receiver for test. W To Amer R/r Corpn Gives Action taken 5/9

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
621951	4/15 5/5	Atl. Fleet Dept void	Subm report on material inspection. Y void
621925	5/1	Tulsa Tribune	Ask if Crystal system of receiving radio is reliable. W. To T E McPherson— Fwds cc memo 5/8
621952	5/2	L. P. Clark	Ask if can purchase receiving set. W. To L Phillips Clarke— Fwds memo in regard to recg apparatus 5/9
622042	4/27	MI	Coordinator at Frisco asks if Yard can turn 1/2 KW radio transmitting set. W. M. I. 6/5 Fwds copies of corres W Fwds Op rns 5/14 RB 7/11/22. W Communications 6/17 W
TO CARD 397			
621299	5/5	To Eng Sta Annapolis	To MI Liaison— Fwds r. a. 7/20 Sound-Research Problem 70 A Investigation of Asdic Apparatus W

RECEIVING AND SHIP LOG

1942

Number.	Date.	From or To—	Subject.
620183	1/25	Washn.	No most listings rel to disposition of radio equipment listed. To Class Surveyed tubes cannot be further used 5/3 W
620236	4/27	To MI	Sale of receiving sets S&A shld authorize sale of material cc S&A W
620586	4/27	To S&A 156	Reqt shipment of Tube Detectors from Washn to SC Pug Sm W
620593	4/28	To S&A 150	Reqt shipment of phones from Washn to Bu of Standards W
620987	1/24	Palmer Elec. Co.	Request info rel to new 6 stage a. lifier to class. rel. To Palmer Elec Co- Patent confidential. 5/3 W

Number.	Date.	From or To—	Subject.
621025	4/17	W. Schuss.	Re most transmitting tubes and audion amplifying bulbs to furn for experimental wds S&A 4/29 W. To Mr. / Schuss 10 tubes for sale 5/3 W.
621167	4/26	Capt. A.B. Lawton	Calls attn to radio receiving set found - gives name plate data- ask if Govt property. W. To S&A 5/3 W.
621299	see card	377	
599132	FROM CARD.	339	Washn. Subm addtl parts required to complete standard battleship receiving equipt. W. 5/1/22. W To S&A Regt shipment of Wavemeter from MI TO SO Washn 229 5/6 To S&A Regt shipment of 1 set from Phila. to SO Washn 234 5/8 RB 5/26/22. W To S&A Regt shipment of 1 set of wavemeters from Brook to SO Washn 235 5/8 RB 5/26/22. W. To S&A Regt shipment of 1 wavemeters from Lark to SO Washn 236 5/8 Washington- Subm estimates. 7/19 W To Washn estimates appvd cc Dept 8/9 Washington 9/5 W To Washn- Gives list of mat which shld be at Washn yard 1/25/23 To Washn- Civ's estimate relocation to Washn rel manufacture 2/3/23

Number.	Date.	From or To—	Subject.
620037	1/24	n.	Recommend type 103-112 receiver To Washn Request Inform re J. Price 5/13 RB 5/20 W
620029	4/25	To Washn	Forwarding of pamphlets for lightning Arresters used with models "TC" and "TD" tube transmitters To CO's - Comdt's 8-1-1 Stations listed Pwds pamphlet for lightning arresters used with Model "TC" and "TD" tube Transmitters 4/27
620576	4/25	J. P. Diets	Request Inform rel to detector tubes to be sold by Radio Crown-Rests bids on Tubes 5/5
620577	4/25	J. W. Gilenthinger	Request Inform rel to sale of detector tubes To J. W. Gilenthinger - Gives instrns 4/28
620808	?	E. A. Luciller	Request Info on 6 stage amplifier developed To E. A. Luciller - Gives inform 5/1

RECEIVED AND SENDING

1932

Number.	Date.	From or To—	Subject.
598633	FROM CARD 337		MI- (T) ask men transformers will be shipped 4/30 To MI (T) Give status of shipment 4/28 Ham. Rds. 4/17 W
613040	FROM CARD 361		San Harbor - (T) W To MI (T) 7324 by 7314 1630 Expedite Reply 4/24 To S&A Request shipment of Arc Sets from SO MI to Eng. End 157 4/27 Request Sound 6/16 T Buats authority to reinvoice material to army. W Fwds S&A 6/24 Bu. 50. 6/26 T Request wire auth to reinvoice material to Army Dept/- W. To S&A-F ds ref 6/30 W S&A 7/5 W

Number.	Date.	From or To—	Subject.
619321	4/4 4/20	Darien 15th Dist.	Scheme for repairing burnt out anode tips developed by V. H. Jauven- with comments, Ch. W. cc Balbo. BB 8/9/22-W To Balbo— quotes from a trial of method as listed in lat 4/4/22 cc N. vign 8/23 To My- Quotes suggestions 2/8/23 cc 15 Dist. S&A 2/8
619717	4/17	1st Dist.	Report on transformers of ED transmitter. 1st dist. 4/17 To My- Lat 4/17 cc Green, excerpt from report of O-I-C Bar Harbor 5/1 17-3-23
580656	fwad from card 326		To Mr. Leroy M E Clausing- Gives comments on patent applications cc Chasn cross- 4/21 L. E. Clausing, Fwds addtl inform on patent application. 5/25

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
619106	4/20	To Washington	Radio telegraph-Design Problem 166 Should be considered as complete W
637215	FYD FROM C. AND 529		TO CORP- Alterations to Radio Equipment. S&A- Copy action to Washn. 5/11 W To Norf- rel shipment of recd equipment co S&A 5/12 RB 5/20 W Phila. 5/18 W To Phila- Fwds instrns 6/6
620147	4/20	T. J. Butterfield	Low Joseph D. A. letter for radio column 1 To W J Butterfield cannot furnish details 4/26
620236	4/19	MI	Request an En. to put up 15 receiving sets for sale. 7.

RECEIVING AND SENDING

191

Number.	Date.	From or To	Subject
618661	4/14	Washn.	8 type F vacuum tubes recd from GEORGE WASHINGTON and tested- only one operative. W.
618320	4/17	To Edison Storage Battery Co	Fwds report of test on Ampere hour battery cc Washn W. Edison Stg Batt Co.- re west addtl To Edison Storage Battery Co- Fwds Adnl report 4/25 Edison Storage Batt. Co. Acknowledges letter of 4/25. 4/28 W.
618483	4/18	To Westinghouse Elec Co	Request inform on miniature type vacuum tube, together with unit price W. Westinghouse EM Co. Subm quotation. 5/5 W. Westinghouse Co.- Gives inform 5/25 Westinghouse E/A Co. Fwds tubes. 8/11 W
619106	see card	374	
619214	4/17	Ports	States have but one amplifier type 1.0 in stock. W. 629-16

1922

Number.	Date.	From or To.	Subject.
609556	FROM CARD 351		Western Elec. Co. - Can make delivery in 25 days. 4/18
/ 619423	4/18	Insr GE	Request type E 1100 radio receiver ship to H Co. for testing vacuum tubes be disposed of Insr Sched. 4/18 Rqsts action W Insr Sched 3/7 request action W
/ 619442	4/19	Eng. Ed. (T)	Request 1 mediate ship of 10 radio amplifiers for stock W. Request 1 mediate ship of amplifiers is to Eng. Ed. (T) Dis approved 4/24

RECEIVING - 5 ST. OFS

1922

Number.	Date.	From or To--	Subject.
618242	4/13	Washn.	Adv. changes of motor buzzer trans litter wave changer. W.
618087	4/10	Phila	Request receiving set be assigned to assembly hall of Naval home W To Phila - Advd providing complete receiving set can be assembled 4/15 W To S&A - Request shipment of Equipment from Phila to Naval Home Phila 132 4/25 Phila - Apprs is now available in used material account. 5/8 W. To Phila transfer, authd cc Phila 5/12
589090	FROM CARD 331		To S&A - Gives action 4/7 S&A 4/10 W To S&A - Satis to have ref manfg under S&A 4/19 W Washn. Subm estimates. 5/5 W. Washn. Cannot complete amplifiers by 6/30-5/11W To S&A 5/24 Co V back 5/29 W RB 6/27 W

RECEIVING AND SENDING

19.2

Number.	Date.	From or To—	Subject.	
617276	4/11	To House of Represen- tative Hon J J Rogers (Sec Sig)	Returns letter of Mr Weiber concerning sta- tement of Rep Britten in matter of vacuum tubes— Gives inform W	
617281	4/11	To Hon F L Greene (Sec Sig)	rel purchase of vacuum tubes from Dep artment— Gives inform rel W	
61758	4/13	To Western Elec Co	Reqt inform— ask if Co manufactures a radio frequency resistance bridge which is capable of wave lengths from 100 to 20,000 meters W Western Elec. Co. cannot furn. 4/25	7.

1922

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Number.	Date.	From or To.	Subject.
617573	4/11	To Western Elec Co	loud speaker and 3-stage amplifier- Request inform rel W Western Elec. Co. - Calls attn to Vacuum tube amplifier with prints 4/14 W.
618040	4/8 4/10	Inspir Cleve. Inspir Pitts	This letter from S. K. Hajagos rel to minor- ture reception set he has developed. Inspir Pitts- Copy action to Inspir Cleve. 4/14 W Inspir Pitts- Copy action to ~~SEC~~ Hajagos 4/25 W
617582	4/12	To Ports	Vacuum Tube Detectors- Ask disposition made of tube W Ports- Ends change sheets. 4/18 W.
588154	APR. 30 1922		Washn- Was report of investigation of performance of uni wave key, with recommendations. 4/18 W. To Washn- Will arrange for tests 4/22 W Washn- (T) No difference in wave length of fully test. 4/22 W To Boston- (T) Request inform rel test 4/21 New Orln- (T) No differences noted in signals. 5/1 W Washn- Estimates cov duplicate key and transfer switch. 6/6 W Washn- Subms estimates. 6/7 W

RECEIVING AND SENDING

1922

Number.	Date.	From or To.	Subject.
615278	FROM PERD 365		Bar Harbor- subm data on test. 4/17.
618239	4/12	Washn.	Instrms for type 38 1822 uni wave arc log 7.

RECEIVED AND INDEXED

1922

Number.	Date.	From or To—	Subject.
617439	4/6	Norfolk.	Reports on test of TD tube transmitter.
617069	3/31	Anacostia	Request four 250 Watt transmitting tubes 902 be furn Labr. W
617181	4/7	To M I	Fwdg vandyke and prints W
617190	4/7	To S&A 9933	Reqst shipment of Receiver from Hamp Roads to Norfolk W
Rgn Bos N S A Request 64470/22 4/7 To Boston			has disapvd lgn For acceptor-reflector and break key apparatus

Number.	Date.	From or To—	Subject.
617605	4/7	Washn.	Report on ability of model ED tube set to withstand inspection made in monthly radio report for February.
615445	FROM TARD 366		Washn. Co. - 4/8
617083	4/6	American 7/2/30.	at prices may be sell vacuum tubes mes order etc. To American Telephone and Telegraph Co. (Sec Sig) Ask to accept Department's thanks for liberal attitude in auth. navy to Dispose of surplus apparatus W
SEE 605729-- 902			

Number.	Date.	From or To—	Subject.
617291	4/5	SAA	By purchase order and voucher from Fwdn SAA 4/11 Service cov vacuum tubes. W
616258	4/4	To R E Gillmor	Fwdn sheets 18A- 19-A of RE 13A 112 which cover the specifications on Telephones and Telephone Cords W
616686	4/4	To Western Elec Co	Universal Amplifier -development is not to be held strictly confidential and there is no objection to permitting one of Engineers to examine same- W Western Elec Co 4/11 W
617276	4/4	Hon. J. J. Rodgers	Fwdn letter from P. B. Webster as in; if it is true that Govt has a large number of tubes on hand which might be sold to amateurs R.W.

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
617281	4/4	Hon. F. L. Greene	C. I. Drowns request in D.M. oil to excess radio tubes which Govt has available.
617283	4/6	YGD CANCELLED - See 858	Asks if silver dials with black figures are preferable to ordinary type used on pressure and vacuum gauges.
804190	APR 7	ARD 345	Phila. Sets will be completed by 4/11. 4/6 # Phila 7/24 W

Number.	Date.	From or To—	Subject.
568267	FROM CARD 320		J. P. Wallis-10/27/21. Copy of letter to Independent Wireless Club. Finding copy of Circular issued to Italian Marconi Club to instruct to their radio operators directing them to send all radio traffic via radio only exclusively. 10/27 - 7. 905
616721	3/24 4/1	Forf. SMA	This list of obsolete damages and surplus receivers at Lond. 7. Fwded S&A 4/7
616735	3/31	H. Manning (Popular Radio)	Ask if Navy has any addition tubes on hand which could be disposed of to amateurs. To Popular Radio. Gives answers to questions asked in let 3/31 4/7

1922

Number.	Date.	From or To—	Subject.
572249	FROM CARD	326	Wash- Fwd's specifications for radio compass coil also drawings. 4/27 W. 919 To Phila- Assignment of Radio Research Problem 4/13 Phila- Fwd's prints of radio compass coil. 7/27 W
616997	4/4	K. Benning	Ask if Bureau had any photos showing back of shielded radio receiver for distribution. To K Benning -- Gives Inform 4/25
617024	1/3	Acrostia	Subm notes on sodium and high power tube transmitters. L. To Wash Fwd's correspondence 4/ 17 Wash- Comment on. 6/6 W
616900	4/6	To MI Pug Snd	Spare Arc Chambers- Instn in Peking Station Gives Instrns W Pug.Sd. Recommends spare arc chambers to furn stations listed. 5/1 W.

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RECEIVING AND SENDING

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Number.	Date.	From or To—	Subject.
615870	3/30	To Washington	Research Problem 163-B Mercury Arc Rectifier Reqt same be stricken from list W
614924	3/30	To COAnacostia	Research Prob 117-C Reqt Alexanderson continuous Wave Receiving System be stricken from list W
616238	3/29	Washn.	Fwds letter from C. Speaker giving description of carbond rheostat for vacuum tube filament circuits which has been invented. To S&A Fwds Invoice 5/26/23
616043	3/31	To Insp mat GE	Ask if will be possible to obtain from GE extra copy of instructions W Insp Fwds instructions for operating radio test set. 5/31 W. To S. Connecticut. Ask letter 6/30 W To Anacostia F is instrns 7/1 W
615923	4/1	To Washington	Fwds Plans listed W
616046	4/1	To Insp mat GE	Requesting instruction books- W Ask if Bureau desires to purchase instruction book. 4/11 W
616258 card 369			

RECEIVING AND SENDING

1922

Number.	Date.	From or To	Subject.
616439	3/31	Salboa	Reports 9 audion bulbs on hand not required. Fwd 15 Dist. 4/6
616476	3/31	Belvin W. Hayward (1)	request loan of wireless sets for use of station in its car. In for Mr. Belvin W. Hayward- Permission to loan or give equipt to my but not sets 4/3
616468	3/31		Letter to Phila. with receive vacuum tubes in used material account. 4/7
616732	3/31	J. E. Vause	ask where radio receiving equipt could be secured. To Joel E Vause- Gives instrs 4/7
616740	3/30	R. C. Nelson	Request inform rel to hooking up of radio set status. To R C Nelson Gives inform 4/7

Number.	Date.	From or To--	Subject.
615018	3/27	To Washington	Fwds prints and vandykes- Booth Key Switch W.
615819	3/28	Bur of Mines	Request detector and audion tubes be turn for experiments with helium. To SecA Request shipment of tubes from Washn to Dept of Interior 9976 3/31
F.D. TO CARD 425			To Hon secy of Interior- (Sec Sig) - Request detd inform rel tubes- W 12/16
615938	3/28	Washington	To Secy of Int. (Sec Sig) 4/22 W Request Inform rel tubes 4/7/23 and tele. es repair parts for Stomper Carlaon phones on Oklahoma requisition 64 To Washington- replacement authd 4/6
615444	3/28	To Hammond Radio Research Lab	Arrangements being made for Purchase of 18 complete sending and receiving equipments- regst sample sets W Anacostia- Request apprs listed be turn by Magnavox Co. 4/14 To Hammond Radio Research Lab- 4/19
615445	3/29	To The Magnavox Co	Regst Type of transmitter manufactured by Magnavox Co W Magnavox Co. 3/31- Request liter.ature. W To The Magnavox Co - Request inform rel type equipment 4/6
NO CARD 370			
615450	3/29	To Mr Samuel T Daniels	Ack receipt of specems and drawings showing special Radio recg system W Regst Data W

RECEIVING AND SENDING

1922

Number.	Date.	From or To--	Subject.
615675	3/29	To Annapolis	Fwds photographs for use of the Head of Electrical Division, W--
615676	3/28	To S&A 9958	Reget shipment of tubes from Phila to SO Washn W RB 6/24 W S&A-Copy action to Ham.Rds. 5/23 W Ham.Rds. Copy action to S&A 6/1. W.
615680	3/30	To Dir Commns	Model TD tube Sets installed-- Tests of sets at NY are to be conducted 3/31 after which it will be available for traffic on the same conditions as the sets at the Seawall and Chatham Stations cc NY- Boston W To Boston- will fwded addnl supply of tubes / --3/30
615682	3/30	To CO Anacostia	Radio Research Problem 2-A Audio-Frequency Intra-lect system- Gives assignment of Ask if trans former needed for work To CO Anacostia- Gives instrns 4/13
615684	3/30	To Washington	Research Problem 39-A Investigation of use of three-phase Alternating Current Supply for Radio Telephone Transmitter W

Number.	Date.	From or To—	Subject.
615278	3/24	N.Y.	Report on test of ED tube transmitter at radio station. 4/1 To Comdt's- CO Listed- Given det'd inform rel test of tube transmitter 3/29. 4/1 Bureau Stand. R. 4/18 Report. 4/1 Acoustic- Report on reception of signals from N.Y. on ED tube transmitter. 4/3 Chila- Report of test. 4/4 Communications- Report on test ED transmitter. 4/3 Fwds NY 4/7
614576	3/24	To MI Pug Snd	Boston- Report on test of ED transmitter. 4/6 radio telegraph - Available 5 K W. Spark transmitters- ask if any of these sets are required for Instln W MI- Do not require s. are apparatus. 4/6 W. Pug Snd- Sets can be used. 4/11 To Pug Snd- Gives status of shipment cc MI 4/21 Fwds S&A 9/8 W cc Pug Snd. RB 9/11 W Fwds Pug Snd 9/16 RB 10/3/22. W RB 10/24 W Fwds MI 10/7
615339	3/22	H. L. Goldstein	AS- Where can purchase radio receiving telephone set. 4/1 To H L Goldstein Gives list of Companies 3/29
615444	see card 366		
615445	366		
615450	366		
615518	3/22	W. W. Hiscox	Request assistance in securing vacuum tubes for amateurs. 4/1 Hiscox no file. 4/1 To William W Hiscox- Given Det'd Inform 4/6

1922

Number.	Date.	From or To--	Subject.
614850	3/24	To S&A 9938	Reqt shipment of Amplifier From Wash to SO NL W
610175		Fwded from card 353	To Western Elec Co- will consider data submitted- gives inform 3/27 W

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RECEIVING AND SENDING

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Number.	Date.	From or To—	Subject.
614386	3/22	To Dir of Naval Intelligence 76 -	Reqst for Inform on purchase of German Modulating system for Radio Telephone transmitter- W Naval Intelligence 6/16 Fwds report Naval Attache Berlin W
614912	3/21	Hammond Labr (T)	Will pay ship charges for vacuum tube transmitter for labr. W.
615000	3/21	Washn.	Ask if Bureau has any arrangements whereby burnt out vacuum tubes can be refilled. To Pensacola- Gives disposition of tubes 3/28
615018	see card	366	
584395	FROM CARD	327	Washn- Fwds modified print. 3/23 W

RECEIVING AND SENDING

1922

Number.	Date.	From or To--	Subject.
615149	3/23	Shipping Board 771-2	Copy of letter to GE Co. fwding copy of letter to Radio Corp rel to securing vacuum tubes direct from manufgr.
615171	3/23	Electrical Alloy Co.	Calls attn to WTC plates for radio electron tubes which Co. manufactures.
615172	3/23	Insp. Cleve Insp. Pitts	Recd request of LTC Majkos to sub-it miniature radio receiving set to Govt. for examination. To Insp. Mat Pitts- Request obtain Specimens and Drawings 3/29 To Insp. Mat Pitts- comments 4/13 4/20 with To Insp. Mat Pitts- superiority over artist 4/20 To Insp. Mat Pitts- Ask if any radio phone sets used on ships during war are available for sale. W To Give inform 3/29
615260	3/23	H M Stark	

RECEIVING AND SENDING

1932

Number.	Date.	From or To	Subject.
614561	3/17	Washn.	Subm list of addtl parts recd from GE Co. for model ~~7~~ ⁷ at radio test shop To Insp mat GE Addtl parts recd at the radio test Washn from GE Co-Gives action taken rel test W S 3/28 see 31272-64-9 659
614562	3/20	Washn.	Request auth to manufg rheostats for stock- submits estimates. W.
614350	3/21	To Insp mat GE	Experiments conducted by L. E. Hull on the Magnetron vacuum tube relay W L. E. Hull Aids article describing magnetron 3/30 W.
601561	FROM CARD 341.		Western Elec. Co.- Comments on modification of type 936 transmitting vacuum tubes. 3/21 W To Western Elec Co- 3/28 To Washington cc Western Co let 3/21 fwded- for inform 3/28 Washn- request be taken up with Western Elec. 3/21 W Washn- Request radio telephogaph e unit and Type 936 for research. 6/22 W

RECEIVING AND SENDING

1932

Number	Date	From or To	Subject
614768	3/8	MI	Fwds report on Mare Isl. 100 KW arc converter
614767	3/8	MI	Fwds report on shunt rejector circuit to permit simultaneous operation of 30 KW to 100 KW transmitters. W.
614803	3/21	Communications	Fwds letter from Cuban Republic requesting vacuum tubes. W. To War Dept - Fwds cc let from Cuba - rel tubes 3/29 To Dir Gen De Communications Cuba - has no record of furnishing tubes - Gives Action 3/29
614824	?	N. Loggler Dept Agriculture	Request instrs gov manuf: of radio receiving set. To Sec Regl Shipment of material from Washn. To Dept Agriculture 9959-366 3/30 To-- no publications available 3/30
614850 card 365			
614900	3/22	Korf.	Request instrs book gov model 1D radio transmitter equipt. 7 To Korf - Gives Inform rel 4/1

Number.	Date.	From or To -	Subject.
✓ 613846	3/12	J. Fisher	Request inform regarding receiving set To-- ^{NAVY TYPE} has no copies of publication for issue 3/20
✓ 613900	3/13	Public Health Service Amacostia	Ask, if possible to borrow radio phone from NAVY To-- Gives instrs 3/21
613750	4/6	To S&A	Obsolete Radio Receivers in store at NY- Disposition of W
✓ 613754	3/16	To S&A 9699	Request shipment of Arc Keys From Washn to SO Pug Snd W
599408	FRM CARD 340		Washn 3/17 vt.

RECEIVING AND SENDIN

1922

Number.	Date.	From or To—	Subject.
614544	3/17	Electrical Alloy Co	Gear plates for radio electron tubes— calls attn to nickal strips Co. manufactures 7
613757	3/17	To S&A 9901	Regst shipment of Uniwave Arc Keys from Washn to SO NY W RB 6/13 W Atl. Battleship force 6/17- Uni-wave keys for arc transmitters on ARKANSAS & WYOMING not recd. 5/17 S&A- Copy action to Ham. Rds. 5/18 To-- Atlantic Fleet-- Gives Action taken To Atlantic Fleet-- Gives Action taken cc Ham. Rds. 5/20 S&A- Copy action to S&A. 6/1 W
614060	3/18	To S&A 706	Requesting that Charles Cory & son be placed on mailing list- to receive copies of schedules for purpose of submitting tids on radio and sound apparatus W Submarine Signal Co. ask if 1/5 satisf for 3000 cycle rel to use 1000 cycle RA oscillators. 3/23 1977
614062	3/18	To Sub Signal Co	will arrange for conference between rep and patent counsel-rel Calif patent W To Sub Signal Co- satisfy for conference 3/27 Submarine Signal Co. ask when co tre ce To Sub Sig. Co- Gives instrns 4/1 Submarine Signal Co. make to hold conference Submarine Signal Co. 4/12 W To Sub Signal Co- Gives instrns 4/20

Number.	Date.	From or To--	Subject.
612875	3/10	To S&A 9858	Reqst shipment of tubes from Phila to SO NY W
612924	3/11	To Washington	Fwds vandyke -Standard 50 watt transmitt- ing vacuum tube Tube Dimensions W
613039	3/11	To S&A	Excess and Obsolete radio material at Washington yard Given W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.	
613452	3/13	S&A	Wds order from Dept of Agriculture cov radio head set for nitrogen research labr. Twice S&A 3/16	W
613040	3/13	To S&A 9861	Regst shipment of Radio Arc Sets from MI to Su Pug End W To MI - T Have 16 radio arc sets been shipt PS Enr serial 1361 Mch 13 Wire. W 4/1 MI - T Material not shipt - awaiting Govt approval To MI (T) Regst status of shipment 4/14 MI - (T) - Material awaiting transportation. 4/24 Carbon disc filament rheostat - gives description of. W.	
TO CARD 375				
613793	2/27	C. E. Mirick		
613042	3/15	To S&A	Excess and Obsolete radio receivers in store at the Boston yard - disposition of	W

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.
612666	3/9	To S&A 9841	Reqt shipment of tubes from Aircraft Factory Phila to SO 9 Dist W Pearl Harbor- Material recd. 10/13 W.
612667	3/9	To S&A 9842	Reqt shipment of tubes from Aircraft Factory Phila to Pug Snd- L.A. Phila W S&A- 4/19 W.
612668	3/9	To S&A 9845 9844 9843	Reqt shipment of tubes from Phila to SO San Diego W 4/20 W. To S&A Reqt shipment of tubes from Phila t to SO Pensacola W 9844 3/9- RB 5/11 W To S&A Reqt shipment of tubes from Phila to CO Coco Solo 3/9 RB 5/13 W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
549168		vided from card 309	To S&A Radio material shipped to the Radio Corp. of America. Charges for W, 3/11 3/15 4/12 copy from S&A S&A - Y. Y. station to invoice material to Radio Corp. 3/24
512223	3/11	To Washington	Shore Station alternating current tube transmitter, 6 KW Model TN- Gives inform rel W Washn- Request allotment cov construction of model 3/17 To Washington allotment appvd 3/27
512295	3/11	To Fed Tel Co	no copy of instruction book in Bureau's files, Request inform rel cost W Fed. Tele. Co. - Can make a photostat copy of instruction book To Fed Tel Co - Request photographic views 3/25

Number.	Date.	From or To—	Subject.
✓ 612227	1/1	To : <i>me</i>	Confidential - Form unauthorized release of confidential radio info was published by <u>W. A. R. 3</u> and a former radio ins. r. 3/16 W
✓ 612129	2/8	To Washn in doc.	Policy and specifications for Receiving tubes - 5/15 W Washn- Pwds prints. 5/15 W.
✓ 612530	2/9	To Washn in doc. joint	Policy and specifications for transmission of confidential radio info was published by <u>W. A. R. 3</u> and a former radio ins. r. 3/16 W To GE Co. - rel tubes 5/31 To Washn - gives suggestion given by GE Co. - cc inspr mat GE 12/28 To C-I-C Battle Fleet - Gives inform rel test of tubes 12/29 X 554-6

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
610962	FROM CARD 354		Phila- Request shipt order 2/24 be cancelled. 3/8 W. To S&A Regst shipment of Receivers from Phila to Washn 9871 3/15 S&A- Copy action to Phila. 8/21 W S&A 10/11 W Fwds S&A- regsts inform rel disposition of receivers 10/20 BB 11/9 W To S&A Regst shipment of receivers from MI to Washn 1490 11/15 S&A- No trace of material can be found. 12/18 W.
613 08	2/23 3/8	Atl. Control Force Atl. Fleet	FLORIDA only vessel equipt with TC telephones: type CW 1918 vacuum tubes have been installed on FLORIDA be not tested. W.

NOTES

Number.	Date.	From or To—	Subject.
611752	1/7	To Pacific Western of America	Manufacture of vacuum tubes ask if desire to purchase tubes or will sell it out to sell direct to public W
612221	2/7	To Washington	Universal Amplifiers desires types amplifiers in tube design for parallel operation of tubes W
612222	2/7	To Washington	Eds Plans - Highspeed Arc Relay Key W
612223 card 360			

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
612768	3/7	N.Y.	Fwds letter from H. H. Buttner rel to method of increasing transmitting efficiency of high power arc station by simultaneously signalling to distant stations making a great saving possible in power cost per word transmit test. To New York-Investigation assigned under Radio Research problem 2/1 W.
612797	3/3 3/7	Boston Dept	Fwds beneficial suggestions from R. J. Soney cov improved receiving circuit. Fwd Dept 3/18 BB 3/22 & pro ing Bureau recommendations. 3/18 W. Fwd Boston 3/24 BB 3/31 W.
612875	3/8	N.Y.	Report on preliminary test of model TD transmitter in N.Y. radio station. to Phila to 9858 3/10 BB 3/31/22 W.

RECEIVING AND SENDING:

Number.	Date.	From or To	Subject.
611605	3:2	To Chasn	Type C3 859A radio transmitting sets- reqt info re condition of. W Chasn- Simon transmitting sets are in good condition 3/8 7.
~~611606~~	3:2	To Boston	1/2 kw radio transmitting sets-Type C3859 reqt info re condition of. W Boston- 6 Simon transmitting sets are in good condition. 3/10 7.
611607	3:2	To SO Brookn	1/2 kw radio Simon transmitting sets-reqt info re condition of. W Navy Sup Depot- report on Simon sets. 3/10 7
611608	3:2	To NY	Quenched gap repair tools for Lowenstein tubular gap-reqt draws-W NY- Quenched gap repair tools- Lowenstein Co. 3/24 7. 3/24 7.
611609	3:2	To Phila	1/2 kw radio Simon transmitting sets-type C3859 and C3 859B-reqt info re condition. W Phila- Report on condition of Simon trans. 3/8 7.
~~611610~~	3:2	To Norf	1/2 kw radio Simon transmitting sets-reqt info re condition of. W Norf- 3/6 7.
611611	3:2	To Ports	1/2 kw Simon transmitting sets-type C3859 reqt info re condition of. W Ports- Request disposition of Simon transmitting sets. 3/7 7. To Ports- not desired to ship sets at this time 3/16 7.

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Number.	Date.	From or To—	Subject.
611734	3:2	To SO Brookn	Radio telegraph-vacuum tubes-reqt info. re quantity in store for issue. Navy Sup. elot- report of stock of vacuum tubes 3/8 W.
612122	3/2	Norrf.	Revs report on test of 25 ampere thermo To NY Gives Action 3/8 W.
612295	3/2	Washn	Revs prints of blocking and transmitting condensers and receivers. W.
611745	3/4	To Qhasn	Special d. r. a receiving system Reqst constant: Circuits to be furnished W RB 6/1/22/W Qhasn- 3/23 W.
612552	3/6	<u>E. H. Shallcross</u>	Subm report on service test of various modifications, type 3E 144 receivers. W.

Number.	Date.	From or To—	Subject.
611713	2/27	E. W. Brockway	Ask name plate reading of long wave sets used at Bar Harbor. 7. 10-- Gives detail in. r. l. 3/2 E. Brockway- (T) request send receiver by express. 7/6 Fwd S&A 3/9 To 9- Flint Mich- (T) Gives Action 3/16
611801	2/28	Boston	Ask if shall continue reserving 50 vacuum tube detectors in stock. 7. 10- Station- Gives detail in. r. l. cc Shipping Board 5/3 Shipping Board - Will not require all detectors Bureau has. 4/13 W. Shipping Board- 5/3- Lists detectors required at various yards. 5/3/22 W. 771-2 Fwds S&A 5/24
611789	2/28	F.A. Wilner	Ask if can purchase receiving set for radio phone. 7.
507440	2/27	Phila.	Subm comments on redesign of type 32 1-110 receiver. W. 909
575688	FROM CARD 325		Boston- Subm report. 3/1 7.

RECEIVING AND SENDING

1922

Number.	Date.	From or To.	Subject.
606179	FROM CARD 348		9th Jt. 3/24 - " of amplifiers from Grant to Washn 1006 3/3
610979	3:2	To Washn Yd	Radio telegraph-design problem 157- 100 watt ac tube set model TL-instrns re tubes for-W To Washn- Desires transmitter to designed for Oern with a truck system 3/10 To Washn- Gives thru 3/18 To Washn- revision of systems 6/7 Re loan of radio receivers to DCS-auth.W
TO CARD 392			
611452	3:2	To Boston	
611603	3:2	To Washn	Design problem 156-100 watt ac tube trans- mitter, Model TM-Instrns-3:2W Washn- New requirements will necessitate changes in design 3/18 To Washn- authorization confirmed 3/18
611604	3:2	To M IS	Re condition of radio transmitting sets- regt info-3:2-W LI- Transmitter are in good condition. 2/15 W

RECEIVING AND SHIPPING.

Number.	Date.	From or To—	Subject.
610902	2;25	To M IS	Request various VanDykes of radio receivers.W
610980	2;25	To Washn	Radio design problem 167-A-amplifier tested and found satis except for modifications-reqt estimate for manufacturing.W adm- sub estimate 2/12/22.
611103	2;25	To S&a	Disposition of radio receivers in stock at Fug Sd-rec partial sale of stock.W
602440	FROM CARD 345		CO CONNINGHAM 2/25 W To S&A Reqt shipment of Receivers from Washn to CO 99 4/20

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
611592	2/26	M. Teitlebaum	Request descriptive literature covering radio receivers. To Maurice Teitlebaum— Gives Inform 3/3
611106	2:25	To Washn Yd #9786	Shipment of detectors, amplifiers and transformers from Washn to Cavite. W RBL/23 W To C-I-C Asiatic Fleet— re shipment of material cc MI-- Cavite 5/19
611111	2:28	To Pug Sd & M IS	Request description of two stage radio amplifiers in Used Material Account. W MI-- two step amplifiers in store. 3/10 W. Pug. Sd. 3/9 W
611112	2:27	To New Orleans #9791	Shipment of receivers from New Orleans to Washn. W New Orleans 6/8 W AA-Copy action to New Orln. 6/23 W
611427	2:27	To NL #9792	Shipment of amplifiers to Washn. W
611428	2:28	To Phila	Request account in which radio transmitters are carried. W Phila- 2/5 W
611430	2:27	To Washn #9793	Shipment of vacuum tubes from Washn to Great Lakes. W
611434	2:28	To Washn #9797	Shipment of transformers to Guam. W

REPLYING AND SENDING

1922

Number.	Date.	From or To--	Subject.
611282	2/16	Pacif. Fleet	Avds re ort of test of Arc transmitters on Pacif. Fleet- fws report from CO NEW YORK. 4/21/22 W
611346	2/21	MI	request drawings of one K7 transmitter be to M IS-fws prints-3;2-W turn.W
610727	2;24	To NSD So Brooklyn	Radio telegraph-spares for 1/2 kw radio transmitting sets- ask if are available.W
610733	2;23	To Chasn	Mayv- up det of 2/23 W 3/3- Sayvy- Sup Dept advices no spare insulators in stock #9746 -reqt shipment of radio receivers from Chasn to Washn yd-W RB 6/9/22 W
610734	2;24	To S&A (Bu Survey & Appraisal and Sale)	Radio matl at Chasn-recommends material listed be sold.W
610982	2;24	To Norf	#9773 - reqt shipment of radio receiver from Norf to Washn yd.W RB 3/21/22 W To Pearl Harbor-#9776-shipment of receivers from Pearl Harbor to Washn yd-2;24 RB 5/26/22.W
TO CARD 359		RB-5/26/22.W	To M IS-#9749-shipment of receivers to Washn-2;24 W
		RB 7/24/22 W	To Boston-#9772-shipment of receivers to Washn-2;24 W
			To Pug Sd-#9775-shipment of receivers to Washn-2;24 W
			To Phila-#9774-shipment of receivers to Washn-2;24 W

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
611452	2/21 2/24	1st Dist. Communications	Request Boston be auth to issue receiver from Used material Dept. for use in conn with supervision of district traffic. W
610985	2:25	To M IS	Reqt info re number of radio receivers in store available for issue. W MI- No long wave receivers in store. 3/10 W
610904	2:25	To Washn	Radio telegraph Design Problem 31-B-reqt construct vacuum tube inspn test set. W allots 3400. W K Navy Sup Depot- 3/3 W.
610903	2:25	To Bu Standards	Radio Research Problem 121-A-reqt investigation of feasibility of 5 watt Vacuum tube driver be stricken from list. W
610984	2:24 RB 7/24/22.W	To SD So Brookn	shipment of amplifiers to Washn vd. W to NY-#9782-shipment of amplifiers to Washn-2:24-W to S&A Reqt shipment of Amplifiers from So Brook to So Washn 9628 3/8
610977	2:25	To Anacostia	Radio research problem 131-B-fwds letter re test of Bruce relay. W RB 5/2 W.
610978	2:25	To Washn	Design problem 72-instrns re future models TK alternating current tube transmitters. W

RECEIVED AND SENDING

Number	Date	From or To--	Subject
619938	2/17	To SAA 9578	Report of material from San Diego to SAA 3/25 Fwd SAA 3/30
619712	2/17	Anacostia	Resch problem 107-A- investigation of proper type buzzer for vacuum tube transmitter equip. recommends close same. To Anacostia. Report Research Problem 107-A be stricken from list 3/31
610804	2/20 2/21	Hon. I. C. Copley Ordn.	Ask if Bureau can sell F. P. Brown amplifier bulbs and detector. R9. To F.P. Brown-vacuum tube equipment not available-2:25-W To Hon I C Copley-2:25-W.
610830	2/21	Washn.	Type SE 1616 audio frequency transformers- estimates cov manufg. W.

898:RECEIVING AND SENDIN:

1922

Number.	Date.	From or To.	Subject.
610175	2,21	To Western Elec Co	Reqt price etc re tubes demonstrated by Dr. Wilson. W
		see card 365	To Radio Dept GE Co-reqt info-2,21-W ~~To Westinghouse E&M Co-reqt info-2,21-W~~ Western Elec. Co.- Submit quotation cov vacuum tubes 3/18 W.
610173	2,21	To Westinghouse E&M Co Washn. Office	Fwds letter re particular type of receiving apparatus. W Westinghouse E&M Co. 3/2 W
611079	2/23	Washn.	Reqs vandykes of instructions for conversion of type SE 1899 receiver into type 1899-A receiver. W.
592789		FROM CARD 333	NY- Comments on operation of AG are developed by Wireless Imprvt. Co. 2/24 W

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
609492	2/14	To S&A 9710	Recst shipment of spark gaps from Great Lakes to Brook W RB 4/11
609748	2/13	Communications	Fnds letter from Director General of Post and Telegraph, Cuba requesting info. re: rel to West rn Elec. type VT -1 bulbs. W. To Director Gen Post & Tel Cuba turned over reqt to Army-will supply tubes-2;31 W
609491	2/14	To S&A 9709	Recst shipment of tubes from Boston to Boston W RB 3/17 W
609948	2/15	New York & Queens Elec. Light and Power Co.	Request auth to purchase Navy type amplifiers from Western Elec. Co. To New York and Queens Elec Light & Power Co- No Objection to Western Elec Co turn vacuum tubes 2/18 W

Number.	Date.	From or To—	Subject.
✓ 609499	2/16	To Washington	Portable alternating current tube trans- mitter for high power tube station West Washington District Station W To Washn- Gives wave lengths will be required on portable "AC" tube trans- mitter for high power station 3/21 Assn. \$5,000 allotment necessary. 3/21 W To Washn- Gives Action 3/27
✓ 609531	2/16	To Bu of Standards	"Gives to lab spec. of the Washn. yard report "Give the test set for vacuum tubes". W sur Stand Labr- 2/23 W
Bu 15 N S A -21	2/15	TO S A	Vacuum tubes Gives Action taken WR
✓ 609538	2/17	To VBU of Standards	Investigation of the Rectifier tubes produced by American. 2/18 and 2/20 Gives Action taken W

Number.	Date.	From or To	Subject.
595583	FR M CARD 335		Pacif. Fleet- T- Grid leak condenser and vacuum tubes not received. 2/9 7. To C-120 Pacific Fleet (T) Gives Action taken re shipment 2/10
608713	2/2	Pacif Fleet	Halborg brake key for radio a pars- same 494 not satisf. W
50022	2/9	To W's Listed- Pacific Fleet	W's plans listed W CO ARIZONA no drawings on board of numbers referred to. 2/16 7 To CO ARIZONA gives list of Pacific Fleet 3/3 CO ARIZONA arrangement of forced tube system model G receiver and wiring- fws print. 3/17 W CO NEVADA- FWS drawings. 3/24 7.

Number.	Date.	From or To—	Subject.
609053	2/8	American R/R/Corpn	3 3 tubes ship to Bureau; operating data also fwded. 7.
609501	2/7	American R/R/Corpn	Have received invoice cov two vacuum tubes loaned for experimental purposes—request some be called. To Amer Radio & Research Corp—Gives comment 3/16
609556	2/13	Washn.	Request lot of vacuum tubes be furn. 7. To S&A Dept. 5/16 To Washn. 3/14/22 To Phila 4/6 To Western Co. 4/10/22
TO CARD	373		Request lot of vacuum tubes be furn. 7. To S&A Dept. 5/16 To Washn. 3/14/22 To Phila 4/6 To Western Co. 4/10/22
609002	2/13	To S&A 9697	Request lot of vacuum tubes be furn. 7. To S&A Dept. 5/16 To Washn. 3/14/22 To Phila 4/6 To Western Co. 4/10/22

RECEIVING AND SENDING

1922

350

Number.	Date.	From or To—	Subject.
608668	2/8	Hammond Labr. (T)	Ask when ship order SE 1100 flying boat transmitter will be made. W. To-- (T) gives status of shipment 2/9
608649	2/7	Washn.	Subm recommendations as to purchase of resistance units. W.
608652	2/4	O. H. Wolf.	Ask if can purchase short wave receiving outfit. 2/11 W. To A H Wolf- Adv Inform 2/11
608651	2/6	To SEA	To SEA of tubes from 1st lot to SEA Washn
608650	2/7	To Washn	Radio receiver transmitter sets gives To CC- Adv Inform 2/3

RECEIVING AND SENDING

1922

Number.	Date.	From or To	Subject.
608850	2/8	Washn.	Job order covering type SE 3649 receivers and status of. ^{status of 5/13 W} To Washn. ^{re-modeling of receivers} 8/11 Washington. Job order cancelled. 8/18 W To Comdt Washn. No more receivers of this type required 9/5 W
608861	2/8	To Washn. (101)	Star Plans. Listed W
608866	2/8	To <u>Resist</u> case Co	Revt inform on the other capabilities of the W
608873	2/7	American R/R Corp	Fwds 3 3 tubes rectifiers with comments en. 4 To-- Gives info 1/14 American R/R Corp- 3/4 Fwds 3 3 tubes. 7. American R/R Corp- Fwds new S Tubes. 3/8 W American R/R Corp Fwds new S tube Rectifiers for test. 6/6 W To Am R & R Corp- gives information and research Corp- rel tests 7/14 Revt Inform 6/13 To S&A 9.91 To S&A 10.12 W RB 3/9 W
608877	7/10	To S&A	

RECEIVING AND SENDING

349

Number.	Date.	From or To—	Subject.
60646	1/2	To Washington	Wave Indicator 17 arc and tube transmitters - 1st plan estimate 7/15 MI- Heterodyne-fwd sketch of proposed wave meter. 8/21/22. W. 893-44
TO CARD 409			Fwd Bu Standards 7/15 Bur Stand Lab - Subm comments on. 7/15 W To MI - Reqs 1 term 7/21 Wave Isl - Subm estimate cov drivers. 8/4 W MI - Reqs driver be fwded 8/16 Can supply 5 KV spark gap. To O-1 - (1) Ask if spark gap com- plete with holder in stereo & satisfy substitution 2/3
607498	2/2	Navy Sup Depot (T)	
607955	2/3	Western Elec. Co.	Avds Marine Corps type receivers. W. To-- Act the simple receiver 2/15
608186	1/28	Pacif. Destry	Request disposition of burned out vacuum tubes. W Pacific 2/17
608488	2/1	W. H. Johnson	Ask if can purchase receiving set. W.

RECEIVING AND SENDING

1922

Number.	Date.	From or To--	Subject.
517715		FROM CARD 293	Washn. 2/3 W
603994		FROM CARD 345	N.Y.- Request Bureau letter 1/13 be cancelled. 2/6 V. To All Fact- Give intro rel location of prints 2/5 To NY- Request Post office Dept investigate delivery of prints and report to Dept 3/10 To NY- Request report 4/5 To NY- Registered package recd from Bureau 4/14 W N.Y. Ask if more than one set of prints fwded. 5/16 W.

4-3251

1922

Number	Date	From or To	Subject
607205	2/1	To L&A 9621	Request signal of Amplifiers from Boston To Wain W RB 5/26/22 W
593892		Adm'd From card 3-6	To Chain Estimates approved 1/2 W 14th Dist. Sub estimates motor buzzers Asiatic Fleet- request 8/19/22 W be ship to Cavite: 12/22 W To C-in-C- reqt data re install on ships-2:21 W Korff- 5/18 W To Korff- Gives inform. rel install of buzzer cc CO's L&A 1/10/22 W 5/23 Korff- Motor buzzer transmitters not installed on 5 LGS & 1 MC. 5/31 W. Asiatic Fleet- 2nd endorsement only recd. 5/31 W Asiatic Fleet- Subm report from Cavite. 8/3 W To Cavite- rel install of buzzer transmitter cc CO's- Asiatic Fleet- MI 9/12

Number.	Date.	From or To -	Subject.
606019	1/23	Washn.	Model TE transmitter - instln plan- fwds print. W
604901	1/23	To Co Anacostia	Assignment of Radio Research Problem on electrical receiving equipment - Anacostia- 3/17 W To Anacostia- Gives Detld inform 3/22
606336	1/24	Washn.	Recommendations cov stock of filament rheostat resistance unit- estimates cov/ order 2/7 Washn. 2/20 W.
606310	1/25	R. W. Chandler	Request wiring diagrams and instrns for operating Navy field receiver. W. List radio apparatus available at home which from Navy W 1/26

RECEIVING AND SENDING

1922

Number.	Date.	From or To	Subject.
605367	1/21	To SFA 9-17	Report sent from Wagon to Amesbury W 3B 3/15 W
33294	1/25	To Brook	Ask if there are any radio spark trans- 629 mitting sets made by E J Simon Available in the used material account W3
60440	1/26	To MI-Pacific and Atlantic Coast	Letter to MI-Pacific and Atlantic Coast regarding radio transmitters W
605734	1/26	To MI	Policy and spec. regarding radio transmitters MI- will complete tubes. 4/10 3/13 W
606171	1/26	To MI	MI- Not advisable to continue investigation 2/2 W
606172	1/26	To MI	To MI- Give info 2/36 regarding "C-100" Project W
606185	1/28	To SFA 900E	Report on status of material for quenched spark gaps. 3/10 W To SFA Snd- ack receipt of status 3/21 RB 5/26/22 W 1/26 RB 4/29 W.

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
605225	12/13	Cavite	Request disposition of receiver read from ALBANY. To Cavite- Gives disposition of cc ~ 1/20
605517	1/16 1/19	Falk Telephone & Tele. Co. Dept	Calls attn to Co's types of radio telephones systems- W. 902 Remd cc: - ~~1st~~ Inventions 1/24
60489E	1/19	To 1st Aircraft Fac Phila via Comat	vacuum tubes Status of W Aircraft Facy 2/8 W To S&A- comments- 2:20- W S&A- copy action to Aircraft Facy. 2/21 W Phila- Recommends tubes be not used. 5/1 W To Aircraft Fac via Comat Reqst itemized list of equipment be furnished 5/10 Phila Gives list of material invoiced to Aircraft Facy from GE Co. 5/18 W Design problem aircraft amplifier and receiver combined- report cov with prints. W. Fwds Anacostia 1/27 W RB 2/8 with print. W Anacostia- report on requirements for radio receiving equip for aircraft. 2/2 W To Washington as actld informal and To Washn - desires that design problem #85 be confined to Scout plane receiver 10/17
60571~	1/20	Washn.	

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
65821	1/16	Pac. Fleet	Copy of letter to Air Sqds. giving instrns rel to modification to type DE 1345 trans- mitters. W. Anacostia 1/31 W Anacostia 1/31 W
604902	1/21	To [unclear] [unclear]	[unclear] [unclear] cc of listed plans W
New York	Pug. Sd. 1/21	To NY	CHIEF OF BUREAU [unclear] gives instrns W
595027	FROM CARD 335		W&D Copy action to Pug. Sd. 1/23 W. Pug. Sd. Estimates copy of instruction in coll 28 [unclear] [unclear] 1/16 To Pug Sd. - Gives instrns 4/28

RECEIVING AND SENDING

1922

Number.	Date.	From or To	Subject.
604428	1/13	Phila. LX - E	Batteries for emergency transmitters on destroyers are in bad condition. Gives reasons- must be used regularly. W
603995	over		
603995	1/12	To Comats Yards Fleets	Swds plans. Gives instrs rel W. CO MARYLAND 1/18- swds prints. W. Pac. Fleet- returns booklet of drawings s. 1/19 W. Atl. Battleship Force 1/25 returns various prints. W. Atl. Control Force- Request drawing be furn 1/29 To C-1-C Pacific Fleet- Request inform rel plans 1/26
604186	1/14	To Comat Washington	Manufacture of 6 cathode sheaths request estimate be submitted W. Washington- Subm estimates. 5/22 W. To Washn- manufacture of cathode holder sheaths 5/10
604948	1/11 1/14	United American Lines. S&A	Request auth to purchase 5 KW lowenstein radio transmitter spark gap. W. W. S&A 1/21

RECORDING AND SENDING

1922

Number.	Date.	From or To—	Subject.
604967	1/16	Washm.	Request design problem be assigned cov modifications to type SE 1722 circuits— uni-wave key. W.
603995	1/13	To C-I-C Bu of Standards on W	New type selective Receiver system com. lts RB 1/18. W.
604165	1/17	To Dir Bu of Standards	Secret device or a duplicate be located for service tests W Bureau Standards— Will fwd description of relay. 1/20 W To Dir Bu of Standards Gives Action 1/26
604197	1/17	To Phila	Removal of transmitters Request estimates of the cost of Phila W Phila 2/8— Subm report. To Compt Phila— Reconditioning of 2/23 Phila— Gives name plate data. 3/13 To Phila auths use of various parts 3/22 To Phila— reconditioning of trans auth 3/29
T-CARD-369			
604218	1/18	To C-I-C Bu of Standards	Request total list of sets in Navy Sup Dept— 1/23 W. sets 1/25 W.

RECEIVED AND SENDING

1922

Number.	Date.	From or To--	Subject.
479458		Forwarded from card 271	To Westinghouse Elec & Mfg Co tubes to replace the six 15 Dist W R tubes to SC 15 Washington. Request as listed 1/7/22 W To Westinghouse - Request tubes to be returned 4/11 To Westinghouse Co - Gives status of ship- ment 9/13
602821	1/5/22	To S&A 9469	Request shipment of material from Washn to SC 15 Dist W R
595029	WRDL CARD 335		II- Request action on previous letters to MI- This correspondence since 1/18/22 At 1/6 6-1 II- Status of stock. 1/27 W. S&A- Copy action to Washington. 8/29 W

1921

Number.	Date.	From or To—	Subject.
603314	1/11	To Washington	Specimens for Radio Receiving batteries Test of Holmes Semi-Dry Storage batteries Request Reconstructions W Holmes report of test copy 3d sample of Holmes semi dry storage batteries 2/13 W. 882-1 Holmes ✓ To Holmes Semi-Dry Storage battery Co- Not satis for for radio work 2/18 W
603674	1/11	To Norfolk	Request status of Design problem #116 W Norfolk gives description of design. 2/3 W
603676	1/11	To Washington	Investigation of Arms at Washn yard by A Willoughby of Bu of standards - view intrins W
603992	1/12	To J H Ham on Jr (T)	Wire Date completion special trans- mitter for Anstet 312 W Boston-J. H. Hammond will be in Ann. 1/3. 1/12

Number.	Date.	From or To	Subject.	
603034	12/1 1/4	Director General, Post and Telegraph, Havana Communication	Re: 4 dozen vacuum tubes, snuffed by Tel. Dept. (Sec Sig) Pwds letter from the Director General of Post and Telegraph Havana Cuba/11/17 War Dept- Ask if tubes are available. 1/17 W	
53076	12/31	To Washn	Vacuum tubes - Revision of specs. WS	629
602440	1/3	To S&A 9418	Re: shipment of Receivers from Washn to CC- Listed W To S&A Re: shipment of receivers from Boston to CC- 1/19 1/22 CC- 1/19 CC- 1/19 Washn 1/19	
602512	1/4	To Washing	Re: transfer of amplifier cc CC- Re: listed instruction booklets to forwarded to Bureau W Washn- Lists instrns books shipt. 1/27 W	
602517	1/4	To Washington	Pwds Photostats W	

RECEIVING AND SENDING

1922

Number.	Date.	From or To—	Subject.
602818	1/6	To Submarine Base: listed	Fwds "Manual of Radio Telegraphy" W
603123	1/6	To Aircraft, Pac Phila via Coast Phila	vacuum Tubes— Status of W Aircraft - actr- 337 pilotron vacuum tubes in stock available 22 issue 1/13 Y To Phila via Coast Gives Inform 1/11
603323	12/7	Cavite	Request disposition of burnt out tubes and Audion bulbs To Cavite- Gives Inform 1/12/22
603576	1/4	Hammond Labr.	Request 250 Watt vacuum tube transmitters the firm located of 5 Watt. 7/13 to-- Gives Inform to Hon cc Chan 1/13 Hammond Labr- Request expedite shipt 1/17 W
603610	1/6	A. M. Leide	Ask name of Co. manufg amplifiers used in recent public meetings in Washington and New York. 7/14/22 to-- Gives Inform 1/14/22

RECEIVING AND SENDING

192

Number.	Date.	From or To—	Subject.	
602152	12/27	Washn.	Sample Morse key submitted cannot be used in present form. W. and ports 1/6/22	
602153	12/27	Washn.	CV 1816 vacuum tubes- report cov shortage in stock- recommendations to purchase. W.	
602175	12/27	J. F. Smith	Ask if can purchase a receiving set from Naval Supply Base. To J. F. Smith Give action 11/30	
602231	12/27	Bur Stand. Abr.	Test of neonatron and tube used to produce radio frequency oscillations - report cov. to Mr Dept was report on tests 1/19/22	W.
601955	11/28	To Washington	Specifications for CV 1816 vacuum tubes tested W Washn- was prints showing transmitting vacuum tube. 3/24 W.	Reqt
601950	11/28	To Bur of Standards	All data rel Koculation. Vacuum tube Transmitters shld be forwarded to Bu W	
601951	11/28	To Am. Radio	Radio Research Problem Assignment of W	

RECEIVING AND SHIPING

191

Number.	Date.	From or To—	Subject.
588911		fwued from card 331	To S.A. Request shipment of material from Fug End to CO 's listed W 11/29 RB 11/20 W S&A 5/2 W S&A- Copy action to Fug. Sd. 5/22 W S&A 5/28 W
602187	12/30	To L I	Request inform as to authority on which type of 3511 1-100 trans. meter are iss. cd to S&A Fug. Sd. can be used W 11 1/1 W
588837		FROM CARD 330	Washm- S&A copy instr. for modifying type TC radio eqpt. 12/30 Washm- Status of ship of transmitting tubes 2/15 W Washm- S&A wiring diagram for receiving apparatus. 5/30 W To Washington- Gives Action taken 3/28

1921

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ACCE VILE AND SELLING

1921

Number.	Date.	From or To—	Subject.
600797	12/24	To Washington	Model letters for alternating current tube transmitters Gives assignment of W Wash. 12/5 Submits inform reqtd W
601556	12/24	To Washington	Tube transmitters Gives instrns rel completion of Wash.- Report on adjustment on tube transmitters To Washn- Gives instrns 4/10
601560	12/24	To Comits Yards CO's	Fwds Plans W with instrns W To Norf Fwds Plans 12/28 O. B. F. Fwds revised drawings. 1/5 W Norf-Fwds prints. 1/20 W N.Y.- Fwds prints. 1/19 W Bost--Fwds prints. 1/17 W
601561 CARD 363	12/24	To Western Elec Co	Request inform rel identification of tube W to Western Elec Co- Request to let Dec 24 1921 Western Elec. Co. Subm quotation. 2/4 W to-- card 15 Western Elec. Co. 2/21 W Takes vacuum Receiving Gives Action Re-
Bos NSAG1373-22	12/23	To Boston	

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
59408	12/10	To Washington	2-stage Audio-frequency amplifiers- defective;
To Washn-auth repair-3:1 W			Request inform rel W
3:20 362			Washn- 12/27 7.
			Washn- Sub estimates. 1/24 W
			Washn- Can manfg units at 2/21 W
599885	12/10	L. L. Driggs	with that noted by R&O 66. 2/21 W
			Request diagrams of actions of type CN-113
			Navy radio receiver. 7.
			To— has no instrn sheets on wiring diagrams
			available for issue 12/15
			Driggs Ordn. & Mfg. Co.- 12/29 7
600255	7	American T/T Co.	Request instrns for radio receiving set. 7.
			unable to supply instrns: requested 12/17
600324	12/8	MI	Fwds report on redesign of SE-1440 receivers. 7
600344	12/12	GE Co.	Instrn books for Submarine transmitters-
			gives changes made. 7.
			To GE Co-- Action 12/15
			To instr that GE gives inform rel books 5/2
			Insr GE. Fwds negatives of photos shown in instrn
			book 5/16 7
8902	12/2	Porta	Fwds sample of shielded Morse key and one 706
			spare s held. RW
600290	12/14	Washn.	Fwds telegram from N.Y. asking if pilotron
			tubes can be furn at once for test. 7.
			To S&A Request sheet of tubes from Phila to SC
			NY 9:63 12/14 RB 1/20 W.

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RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
599685	12/15	To Washington	Fwds Vanoykes Booth Key Switch W
599686	12/15	To Washington	Fwds specifications radio transmitters W
599688	12/15	To Washington	Fwds Plan for the use of the Radio test shop W
600743	12/16	GE Co.	Fwds copy of photo showing 1KW, 200 watt transmitter and radio receiving equipment To W. Co- Ack receipt of equipment 12/22
60024	12/17	To Washington	Design of Improved Socket for Receiving vacuum tubes - Inform Rel W Sub. report 6/22 To Washington - as per design 7/6 W Washn- Fwds prints. 7/13 "
60025	12/17	To Washington	Design of Improved Socket for Vacuum Tubes Inform Rel W

RECEIVING AND SENDING

1921

Number.	Date.	From or To	Subject.
598501	12/1	Phila.	Request copy of booklet issued by Fed. Tele. Covering ins trns for instln and operation of 20 KW arc radio transmitter. W. To Phila Fwds Print 12/7
599034	12/6	Dept	Fwds beneficial suggestions by A. J. Hodges cov development of coupled arc circuits. W. Fwds Dept 3/15 RB 3/16/22 approving award of \$15. W.
599132	12/5	Washn.	Fwds list of standard battleship receiver equipt on hand. W. To Washn- Neccs to obtain addtl mtl 4/15 W To Washn- 12/12 mts in enclos of mts To Washn- 12/12 mts in enclos of mts To Washn- To most inform re: to availability of apparatus listed. 4/26 W.
TO CARD 336			
499952	FROM CARD 283		Washn. 12/5 W. To Washn Plans arvd 12/31 Washn- Fwds pr. ts. 1/4 W
598655	12/5	Phila.	Fwds special report on comparison test of receivers. 87 876

RECEIVING AND SENDING

1921

Number.	Date.	From or To	Subject.	
599329	12/6	Anacostia	Radio signalling relay for Key West fws wiring diagram with descriptions data and operating instrns. W	817
599593	12/8	G. E. Martenio	Request in form rel to radio receiver for sale. W. To -- Gives Inform. rel receiver 12/15	
599719	12/9	Washington	fws list of cancelled contract material in store at Washn. suitable for amplifier. W.	
598772	12/7	To NY (T)	Twenty five units of material mailed Nov 30 registry letter seven W	
599192	12/8	To SGA RE from Pac. Fleet 5/24- W- 9344	Request shipment of lat from Washn to on on W. Pac. Destroy Sqd. 4- 5/5/22 W Washn- Lists material ship to ARIZONA 5/17 W Washn- Lists material ship to PENNSYLVANIA 5/18 W fws 12/24	
597668	12/13	To Dir Naval Intelligence	Request for purchase of special type vacuum tubes desired to obtain part RB 2/15 W Nav Intelligence- fws correspondence from naval attache Berlin 3/26 W	

1921

Number.	Date.	From or To—	Subject.
597396	11/28	To Washington	Audio Frequency transformers-- Request estimates W Washn- Estimate cov manufg of oil frequency transformers. 12/15 To Washington main factory authd Est approved 12/27
597404	11/29	To NY	Fwds print of plans listed on battleship force line system W ...- Drawings replaced. 1/12 W
597397	11/29	To Bu Standards	Assignment of Radio research problem- Request tube be submitted Laboratory- investigation rel W To Bu of Standards- Gives instrns rel investigation 12/10
597415	11/29	To Instrr GE	Radio equipments Desires to expedite inspection, test, and shipment of sets W To Instrr GE rel insp and test of equipment 11/29
597892	11/28	A. J. Haronn	Request information as to specifications and assembling of receivers ordered for sale at Navy Sub Depot. W.
597948	11/28	Ports	Request drawings cov Morse key be changed to show insulating material is required. W. To Ports Fwds Vandyke 2/3

RECEIVING AND SENDING

1921

Number.	Date.	From or To--	Subject.
✓ 598055	11/26	J. Metallic	Request receiving set be furn. W. To-- Gives instrns 12/3
✓ 598192	11/30	Washn.	Subm estimates cov converting 24 SE 899 radio receivers into type SE -3649-A receivers W.
✓ 598241	11/30	Hon. J. R. Mann-	Writes in behalf of sale of receiving output to W. McQuade. K-W. To Bd of Survey gives instrns rel catalogue 12/3 To-- Gives Action 12/3
✓ 598310	12/1	Washn.	Fwds drawings and instrns cov conversion of various types of receivers W.
✓ 598302	12/1	Lowenstein Co.	Request buzzer set be loaned for experimental purposes. W. To-- Ask if set shldt of buzzer from NY to Lowenstein Radio Co. 9/15 12/6 To-- Give Action taken 12/7/6 Lowenstein 20. 12/10 To NY-- Ask if meter buzzer has been returned 12/9 Motor buzzer returned 4/16. 12/18 W NY 3/16 Fwds copy letter Dec 18 W

1921

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.
596339	11/19	To Washington	Fwds Vandyke, Motor Buzzer W To Washn Fwds Vandyke 11/19
596506	11/19	To Washington	Recst instruction booklet on Type SE 143 Receiver W Washn 2/9 '7
596633	11/18	Ware Isl. (1)	Request ship audion frequency amplifiers to CO MELVILLE for repairs on operative squadron. W.
CO CARD 375			To Mr. (?) amplifier transformers Declexyres from Washington 11/23 To SAA Recst shipment of transformers from Washn to SO MI 9252 11/25 RB 10/10/22 W
596632	11/17	E. G. House CANCELLED.	Request process on wireless sets. W.
596627	11/17	C. Fugh	Request radio apprs be furn when ship's are scrapped. W. To- Given Inform Rel- 11/25
596909	11/19	Washn.	Design of standard socket for 50Watt vacuum tubes- recommends approve type SE 1716- V. To Washn- Given Action 11/26
596910	11/19	Washn.	Report on test of type SE 1817- loading coils for 2 ^{AW} are current transforming circuit. W To Washn gives modification of 11/26 Washn 12/14 V

RECEIVING AND SENDING

1921

Number.	Date.	From or To	Subject.
597134	11/21	Ship Board <i>771 2</i>	Ask if Navy can furnish type C 1899 receivers. W To-- Reqt Inform 11/25
596936	11/23	To S&A 9232	Reqt shipment of rat from Washn to SO Chasn W RB 12/27 W
597324	11/23	Washn.	Recommends Adams Morgan amateur type receiver be added to list of material to be sold. W. Wd S&A 11/26
597415	11/22	Insp GE	Model TE-TF-TG- radio transmitters- calls attn to slowness of receiver in testing same whereby holding up delivery. W.
597095	11/26	To Wireless Spec App Co.	all at error made in plan showing spacing of coil sections of type SE 1617 loading coils; Ask if change can be made without adnl cost W Wireless Spec. Appr. Co. 11/30 W.
597099	11/26	To S&A 9253	Reqt shipment of receiver from SO Washn to Bu Eng Washn W

RECEIPT AND DEDUCTION

1932

Number.	Date.	From or To—	Subject.
539625	FROM CARD 336		Ins. r JE 1/4 W. Ins. r CE- Fwds Invoice- 2/4 KV. Fwds RA ce Ins. r net JE 2/14 47403

Number.	Date.	From or To—	Subject.
595979	11/10	Boy Scouts Wisconsin, Milan.	Request opportunity to purchase two step amplifiers. W. To— unable to furnish equipment 11/18
596083	11/16	inspr GE (T)	Ask if Bureau desires break in system model TE radio sets operate under each dot and dash or at end of each word. W. To inspr Geco (T) Gives inform rel break system 11/17
596067	11/15	Natl. Elec. Sup. Co.	Fwd's copies of inquiries for diagrams of radio receivers manufd for Navy. Rqst instrns rel to procedure to follow. W. To— Gives Detid Inform 11/19
589625		SEE CARD 331	To inspr mat NY (T) Advise by telegraph action taken shipment second lot— propellers direct
		To inspr mat GE Gives inform to Anacostia W 11/15	
		inspr Brook- (T) 15 tubes will be shipped 11/30 - 11/30 W.	inspr GE (T) Gives shipping instrns 11/15
		inspr GE- Rqst reply to letter 10/31 N.Y.	inspr GE- Shipt made 11/11 (T) 11/15 W
		inspr Brook- (T) 5 fans shipt 12/1 12/2 W	(T) Request 200 insulators be shipt. 11/16 (W)
		To inspr mat GE Gives inform Anacostia to arrive this week Advise status of shipt 11/16	CANCELLED see 344-771
		To inspr mat NY (T) Fans not received 12/6	inspr Brook- (T) Best possible delivery middle of week. 11/21. 11/17 W.
336 - A		inspr Brook- 12/7- (T) 5 fans shipt. W.	To inspr mat NY (T) Imperative five fans be shipped
		inspr GE 12/23 W	inspr Brook- 11/17 W.
		To Anacostia 11/9, RB 12/29 with elements rel to operation of motor generator for the set at Lakehurst	To inspr GE (T) Shipment authd 11/21
		To inspr mat GE Rqst estimate of cost of resistance coils 1/5/22	To inspr mat NY Rqst manufacture and delivery of material be expedited cc inspr mat GE 11/22
		Fwd CO Anacostia 1/5/22	To inspr GE- Gives Action 11/23
			inspr GE- Subm quotation 11/22 W.
			inspr GE- (T) Shipt made by express 11/22. 11/28
			To inspr GE (T) Rqst status of shipment 11/28
			To inspr mat (T) Rqst status of shipt 11/28 W.
			To inspr GE (T) shipment not received
			Institute tracer Keep Bureau informed W
			To inspr mat GE-

1921

Number.	Date.	From or To--	Subject.
✓ 596269	11/14	Hen. J. S. Speaks	Fwds letter from Columbus Ohio Radio Club re: spark transmitter. KW. Enlisted men's Club- Columbus Ohio- Request radio set be furnished 11/8 W To-- Unable to furnish equipment 11/19
595531	11/16	To S&A 9197	Request shipment of tubes from SC Washn to C-I-C Pacific Fleet W To S&A Request shipment of tubes from SC Washn to Union 9/27 12/8
59009	11/16	Impr BROOK	Fwds samples of car apps submitted by US 62 Name of Co. L. L. Y. L. L. Y. SW
✓ 596458	11/15	G. E. Colby	Ask where receiving outfit can be purchased W Fwd S&A 11/23 To George E Colby- Gives Action 11/23
596453	11/17	J. Duncan	Ask if can secure receiving set on board a battleship when they are scrapped. W.
		CANCELLED.	
593892	11/10	✓ To Yards, Atl., Pac. & Asiatic Fleets. Circular letter	Desires vessels listed be equip with model BC motor buzzer transmitters during fiscal year 1922. W. Key West- Request two motor buzzer transmitters be furnished 11/16 W N. Y.- Subm estimates 1/3 W To NY- estimate & fwd 12/3 To A J Horen Texas Co Gives instrns 12/3 L. Y.- Subm estimates. 12/15 W P. Y. 1/12 W Chesn- subm estimates 1/23 W

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
✓ 594482	11/8	To S&A 9136	Reqst shipt of mat from Washn to SO NY W RV 12/10 W
✓ 595027	11/10	To Pac. Snd	Fwds cc of advance instrs for construction for model "RE" long wave shore station receiving equipment W To MI Fwd cc Advance instrs 11/15 1/3 cc Subm collection 1/3 W To Pac. Snd instrs at the cc Pacific Coast Comm. Snd. Fwd & Books - Cor. OVA 1/18/21
CARD 4346	11/10	To S&A To MI Reqst Action 12/1 9158	Reqst shipt of material from MI To San Diego W S&A 11/16 W. S&A-Fwds request for shipt cov vacuum tubes. 11/26 W.
✓ 595029	11/10	To M.I.	Alterations to radio transmitters. Reqst inform rel to. W 495
CARD 244	11/10	CO MARYLAND	Report on comparative test of model E and F receivers. W 46-B-5
✓ 595583	11/10	Pacif. Fleet (T)	Request immediate shipt of 100 transmitting tubes. W To C-1-C Pacific Fleet (T) Gives inform rel shipt of condensers 11/15
CARD 351	11/12	To MI	Reqst report covering the final test of the panning relay and any recommendations with reference to the practicality of relay for relaying trans-Pacific traffic W 11/15 W PCCS-Fwds correspondence with comments on 1/11 W To C-1-C Gives Inform 1/23 I have no definite info to add to previous report 2/18 W

RECEIVING AND SENDING

1921

Number.	Date.	From or To	Subject.
595292	11/12	To Western Elec Co (T)	Will send Speaker NY Landay - Cannot make decision re set until his return W
595712	11/13	J. H. Zaayer	Request rec'd transmitting set for radio. But To - S H Zaayer - Give inform; fws cc let as recd by you to Hon John C Speaks 11/17 To Hon John C Speaks - fws cc of let to Mr Zaayer 11/17; Give inform 11/18
373346	FROM CARD 524		CO. [unclear] at [unclear] of radio To MI (T) Give instrns rel repairs to apparatus 11/16
7 12002	11/14	Washn.	Parts listed for uni-wave sets To Washn - Reqst estimates 11/22 Washn - Subm estimate 12/1 To Washn est. list of providing spares approved 12/8

RECEIVING AND SENDING

1921

Number.	Date.	From or To--	Subject.
✓ 593660	11/2	To Radio Research Lab	Re Standards Manufacture of vacuum tubes by Telefunken Radio Co.- Reqst inform W
593661	11/2	To Washington	Vacuum tube transmitting equipment- investigation of proper location of series condensers in loop antenna- Reqst inform rel W
593682	see card 336		
✓ 593897	11/4	To Washn	work authd in advance of estimate W Washn- Subm estimates. 12/16 W.
✓ 594354	11/2	<u>GE Co.</u>	Request specifications cov 5 WATT vacuum transmitting tube. W. To GE Co Fwd Specimens 11/8
✓ 594662	11/4	nspr GE	Fwd letter from GE Co. requesting return of the barrage receiving set loaned to Bar Harbor in 1918. W Fwd Boston 11/9 RB 11/30 W. Inspr GE- 11/29 W. Fwd Boston cc Insp Mat GE 12/10 RB 12/16 W To S&A Reqst slight of radio receiver from Boston to Insp GE 9/5 12/10 RB 2/6 W Request inform regarding possibility of securing a loan of wireless outfit for organizations at Helena, Arkansas. A.W. To-- Give inform rel sale of equipment cc Navign 11/10 To-- Give action 11/18
✓ 594760	10/29 11/5	Hon. C. H. Caraway Navign.	cc Insp Mat GE 12/10 RB 12/16 W To S&A Reqst slight of radio receiver from Boston to Insp GE 9/5 12/10 RB 2/6 W Request inform regarding possibility of securing a loan of wireless outfit for organizations at Helena, Arkansas. A.W. To-- Give inform rel sale of equipment cc Navign 11/10 To-- Give action 11/18

RECEIVING AND SENDING 1921

Number.	Date.	From or To-	Subject.
✓ 594852	11/7	Washn.	Engr. estimates cov cost of manufg of 3 motor buzzer transmitters & changers.
✓ 594472	11/5	To 5 Dist Hamp Rad. (T)	Vacuum tube equipment not authorized must be returned immediately W Sta. Dist-3 reports misunderstanding re: radio set awarded to Dr. Tashary. 11/8 W
✓ 594910	10/19 11/3	Destry Sqd. 8 Atl. Battleship Force	Main spark transmitters calibrated by Phila. are not tuned to 975 meters. W.
✓ 593907	11/8	To Washington	Improvement of motor-buzzer transmitter circuit Reqst investigation listed to be made W Washn- Fwds report of investigation of model BC motor buzzer transmitter circuit. 1/27 W To Washn- Investigates. 4/6 To Washn- Expenditure appvd 4/14
✓ 594473	11/8	To Washington	Reqst instrn booklets- Radio receiver to be forwarded W Washn 2/9 W.
✓ 594475	11/8	To Washington	Design of break system for Model "TC" sets Reports of W

Number.	Date.	From or To—	Subject.
592689	10/18 10/24	W. Harrison JAG	Rel to obtaining license under patent of H. Boas cov elec spark gap for Wappler Elec Fwd Judge Advocate General 11/2
592690	10/25	Western Elec Co.	Request expedite payment of invoice against Washington Yard for radio material. W To Western Elec Co. Given inform 10/29 To Comdt Washn. Rqsts inspection of apparatus as soon as possible 11/1 W
592373	10/25	To S&A 9058	Request shipment of amplifiers from Cashn to SO Washn W. RB 12/10 W. S&A 11/16 W To S&A Request shipment of Amplifiers from Cashn to Washn 9225 11/19
592436	10/26	To Western Elec Co	Instrns given to have SO Washn pay bills for eleven battery tubes W
592747	10/26	Washn.	Fds list of 1 receivers of Naval Sup account and used material account with recommendations. W. Fwd S&A 10/29
592785	10/26	Washn.	ubm specifications for automatic motor starter for intra-fleet motor generator W
592789	10/26	Wireless Inrvrt Co.	Subm inform rel to Cutter & Washington Co. making instln of Fuller lubricating current arc. W.
353	11/5	Wireless Inrvrt Co.	Given Action 11/3
	11/12	To RI Given instrns; Request reports be submitted	

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.	
592962	10/26	CO OHIO	Report on inspection of Model TC and TD vacuum tube transmitters on battleships of Atl. Fleet. W	493
593262	10/26	9th Dis	Ask if possible to purchase Western Elec Co vacuum tubes for use of naval reserve force. W Fwd Dir Communications 11/3 Communications 12/5 W	
592974	10/27	Darby & Darby	Request copy of Dr. Austin's paper on comparative test of various types of detectors. W. To Mr. S.E. Darbywds copy 11/1 W	
593310	10/27 10/24	CO PENNSYLVANIA Pacif. Fleet	Submit special report on Western Elec. vacuum tubes used with TC radio transmitter. V.	
593367	10/28	Great Lakes	Request 12 vacuum transmitting tubes be furnished. W Fwd SEA 11/5	
593558	10/19	14th Dist.	Request 6 western Elec. vacuum tubes and 4 tube holders be furnished for stock to SEA Regt shipyard or unit from 30 Washn to P H 3098 11/2	
593973	10/19 11/1	Sqd. 8 Atl. Fleet	Calibration of main transmitters calls attention to apparent error in. W.	

4-3381

1921

Number.	Date.	From or To—	Subject.
584002		FROM CARD 327	J. B. Brady- Fwds diagram of completions. 10/18 W J. B. Brady 10/24- Fwds diagram. T. To O-I-C Lab bu Standards- Fwds plans To J B Brady Fwds plans 10/21 To Anacostia--Fwds plan Gives instrns
590245	10/19	To Washn	Design of tuning unit for intrafleet receiver- Gives instrns W Washn. 10/27 W. Washn- Fwds prints. 11/21 W. To Washn plan appvd 11/26
591336	10/21	To Washington	Fwds study copies plans showing rigid copper leads for receiver equipment W
592028	10/22	Hammond Labr.	Request return Weston frequency meter loaned during test on OHIO. W
592206	10/19 10/24	Port S S&A	Subm report on deteriorated radio transmitting sets. W. Fwd S&A 10/27
592436	10/22	Western Elec. Co.	Fwds invoice cov vacuum transmitting tubes shipt to Washn. T.
591974	10/26	To Washn	alternating current tube transmitter gives inform W Washn 11/30 W

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
588911	10/8	To Pug Sml ~~Cap card~~	Reqt exact number of medium wave radio receivers - W To Pug Sml - Give position of receivers. 11/2 W To Pug Sml - Give position of receivers cc Boston - Transmitter - Rel modification of cc Boston - RI Norr - RI Pug Sml Washington W Atl. Battleship Force - Subm data 11/15 W To Atl Fleet - not desirable to change sets cc C-I-C Atl Fleet 10/28
589088	10/8	To C-I-C's Atl Pac Fleet	
589521	10/7	Inspir GE To Inspir mat NY (T) equipment propellers on the 11/4 To Inspir GE - (T) shipment of propellers authorized 11/3 Pwd CC Anacostia 11/9 (T) on card 3343 11/15 W	Bwds copy of letter from GE Co. rel to proposed trip of GE Co. representatives to WASHINGTON and SEATTLE and questions in dispute between Navy and Company. W To Inspir GE Gives inform 10/22 Inspir GE Gives inform rel conference 10/22 Inspir GE 4 letters. fwding correspondence with Inspir GE 10/31 W
589683	10/7	Atl. Battleship Force	Reqt specifications and characteristic curves of all types of vacuum tubes is used to force be furnished. To Comd Atlantic Fleet - Request for Vacuum tube data 10/18 W
486392	FROM CARD 275		G&A - Ask if American A/R Cron is to be held accountable for tools. 10/10 W. mfw S&A 10/15 Aircraft Factory 3/24 W. mfw S&A 3/29

RECEIVING AND SENDING

1921

Number.	Date.	From or To--	Subject.
589803	10/11	To Insp GE (T)	Reqst trace sub radio transmitters shipped 28 period Satisfy Date conference requested Edwards Washington White Sadenwater 10/10 10/11 W Insp GE 10/12 W
589094	10/26	To Washington	improvement in high speed key type. Records listed and improvements in type -- W Washington 6/16 Fwd prints showing recommended improvements W
589090	10/12	To Washn	Design and Comparison- Service Tests of Universal amplifiers- W
To 372	Radio Lab- Washn. 12/1 Washn. Extends time for completion of final drawings to 2/1/22 12/7	Allocation apvd cc Bu Standards 11/23 To CO Anacostia- Test of amplifiers 10/12 cc Washn Washn- Comments on 10/17 W Washn- Bureau status of improved key. 10/18 W To S&A- Reqst job order 10/26 Anacostia- Report on flight test of type 1834 universal amplifiers. 10/31 W	
Washn- Cannot 12/21 To Washn work Bu 124 eng #22 10/10	complete work until 2/1 authd cc Bu Standards 4/6/22 To Western Elec Co		Reqst quotation on quantity and type of Vacuum be submitted W
589804	10/12	To S&A	Reqst shipment of receiving unit from Washn to Dept W To S&A at shipment of receiving unit from S. Washn to Dept 9/16
589806	10/13	To Comdt Washn NY O-I-C	Radio transmitting equipment; Fwd instr book W
589428	9/22 10/5	Prisco Trg Sta Washn	Ships request cov vacuum tubes- reqst instrns cov / W

771-2

Number.	Date.	From or To—	Subject.
587230	9/29	To Bu Standards- Washn	Universal amplifier investigation of W
587231	9/29	To O-I-C Anacostia	Comparison of Stray Reducing systems- W
587849	9/28	Pacif. Mine Force (T)	request auth to obtain two radio amplifiers from Pearl Harbor. W. To P M Pacific Fleet (T) Approved W 9/29
587690	9/30	To NY	Fwd: Van dyke Arc Anode Tip W
587688	9/29	To S&A To MI- Gives Instrns 10/3 To S&A- Gives Action 10/3 To MI- Gives Instrns rel equipment 10/13 S&A 10/13 W. S&A 11/15 W. MI- (T) Rqst express shipt of batteries 12/1 W	8875 MI- RR 11/16 W To S&A Rqst shipt of equipment from Washn to SO MI 8874 9/29 RB 1/21 W. To S&A Rqst shipt of equipment from Phila to I 8876 9/29 To Aeromastics Rqst for allotment 10/1 To MI Gives Action 10/1 Aviation- 10/3, my letter to MI making allotment of 614,400 cov radio mat rial for use in aircraft spotting practice. 10/3 W 584000-508 Rqst shipt of receiver from Washn to SO To S&A Rqst shipt of receiver from Nrf to Annapolis 8979 10/12 RB 11/4 W
588027	10/1	To S&A	8883
587697	10/1	To O-I-C Anacostia	Fwd: Tracings- Transmitter W

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 RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
588152	10/3	To Anacostia via CO	Test of sample Western Elec improved Type "B" Tube ac Bu Standards W B. r Stand Labr- 3 tubes tested. 10/5 W. To Anacostia- Given inform rel tubes W 10/12
588154	10/3	To CO OHIO	Fwds correspondence W To Chas- Gives comment cc CO 10/5 CO OHIO Comments on performance of Uni-wave key 10/27 W
371	10/3	Chas- Investigation of performance of Uni-wave key report cov with photos 10/15 W To Washn 1/10 RE 1/17 W To Chas- Gives action 2/3 Washn.	To Chas- Quotes from report recd from Chas 10/31 Fwds prints of SE 1000 amplifier.
588835	10/4		
588967	10/4	internatl A/T CO.	Rest issue orders stopping further sale from surplus stock of receivers employing the heterodyne principle of operation. W. cross internatl A/T CO. 10/24 W.
588041	10/5	Phila.	Request instrns books for amplifiers and audion control boxes be furn. W 10/29 To Phila- Fwds copies of books
588637	10/7	To Washn	Bu had adapted the policy of using transmitting tubes- W To Washn- Gives comments 10/8 To Washn- Gives instrns 10/19 Washn. 10/29 W
588632	10/6	To Western Elec Co	Gives action taken rel visit of DR. J. M. Miller and Lieut. M. J. Menzatti to laboratory on October 10 to inspect tubes W

Number.	Date.	From or To—	Subject.
585751	9/17	To Washn via 3&A	400mm tube detectors- Shipped to Various yards for shipping board- Prices of W 771-2
586502	9/20	To Wa S&A 8800	Regst shipt of material from Washn to SC Boston W RB 10/5 W.
586652	9/23	To Norf VOID SEE card 328	Regst Status of the design work for operator instruction set- W
586653	9/23	To Washn Washn- Recommends design be continued at Ward. 12/1 W To Washn 31/1 W on design problem 12/7	Design problems- Alternating Current tube transmitters- Regst change priority for instrn To Washn Gives instrns- 10/5
586654	9/23	To NY	Regst status of Radio spark Set W RB 10/2 W NY. 10/31 W
574747	FROM CARD 324		Boston- List material received, evidently shipt by mistake. 9/20 W.

1941

Number.	Date.	From or To—	Subject.
567182	9/23	GE Co.	Request specifications cov acceptatnce test on SE-1444 vacuum tubes. W. To GE Co- Will fwd print 9/29
491440	FROM CARD 276	To Insp	Insp GE- Fwds Letter from GE Co. 9/22 W To Insp GE Cannot accept vacuum tubes 9/29 Insp GE- Fwds contractors letter rel to billing charge for vacuum tubes 10/12 W. Fwd S&A co Insp GE 10/20 RB 11/25 W Insp GE- Matl shipped by Express Sept 7-12; 7-W To Insp GE re 10 package receiver to te Returned to GE Co 12/14
586666	9/26	To Western Elec Co	miniature vacuum tubes- Gives instrns rel W Western Elec Co.- Subm approximate estimate 9/28 W
587535	9/26	Washn.	Subm estimates cov cost of manufg of SE 1000 F amplifiers. W;
587225	9/27	To S&A 8859	Reqt shipt of equipments from Washn to S Parts 11/9 W RB 12/2 W RB 10/21 W To S&A Reqt shipt of equipment from Washn to S Parts 8/9/27 To Parts- Gives shipping instrns 10/26 To S&A Reqt shipt of matl from Washn to S0 Parts 10/26 RB 12/21 W. Washn. 10/21 W (2) To S&A-instrns re shipments-2; 25-W S&A copy action to Washn 12/28 W

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
✓ 584798	9/9	To Western Elec Co	Request Inform rel high power metal type transmitting tube W
✓ 584614	8/25	Thos. Appleby	Request supply of 1/4 to 1 KW transmitting vacuum tubes. W. To— Gives Inform rel tube 9/9
584814	9/9	To Thomas Appleby	
✓ 584868	9/13	To Washington	Improvements in design of type SE 1440 receivers; Request plans and estimate be submitted W. To Washn Gives Inform rel Plan 9/15 Washn- 10/4 W
✓ 585451	9/14	Alien Property Custodian	Asks commercial value of a w AW wireless set. W. To— Gives Inform rel value of set 9/16
✓ 585486	9/14	Norrf.	Radio compensators- Request price of. W. Fwd Washn 9/20
✓ 585233	9/19	Western Elec Co.	Request test of type N-vacuum tube. W.

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RECEIVING AND SENDING

1921

Number.	Date.	From or To--	Subject.
550031		SEE CARD 310	To CC OHIO- Test of portable radio sets for life boats- cc Washn W 9/17 To NY- #9787-shipment of transmitters to Washn- 2:25-W CO OHIO- Material transferred to Exp. Sta. 3/1 To CO- Request list of mat transferred from OHIO be furnished 3/11 CO OHIO- List of radio material fwded 3/10 - To SEA Request shipment of Spark Coil transmittter from Annapolis to SO Washn 9862 3/13 Exp. Sta. Two transmitters will be shipped to Washn. 3/16 To SEA Request shipment of mat from CO to SO Washn 9902 3/17
585652	9/17	To Radio Corp. of Amer	Fwds cc report- inform in conn with test of ten sample vacuum tubes W To Corp Request status of work 9/23 Norf- 10/5 CC CB- Comments on test 10/11 W To CC Co- Will meet representatives 10/17
585995	9/8	Boston	Vacuum tubes submits list of those on hand & condition of those turned in by US GEORGE WASHINGTON WR 639-1
586217	9/16	Washn.	Long wave receiver- radio- -fwdz report. W.
586218	9/16	Washn.	Universal amplifiers- request comparative cost of manufg. Estimates to be secured-W.

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
✓ 581892	8/19	Washn.	Model RB receiving equipt- fwsd revised drawings. W.
582745	8/25	<u>Wireless Spec. Co.</u>	Request drawings of amplifiers. W. To Wireless Specialty App Co fwsd print 8/30
582863	8/23	Pug Bd.	Electrode material for spark transmitters— fwsd report of test. W. To Pug Bd Test Approved 9/2
582195	8-24	To S&A	Reqst shipment of tubes from Phila to Washn W 8/23 for report. Agt. Ask if vacuum tubes will be furn f to Aircraft Eng via S&A shipmt of tube at Washn 10/4
583110	8/29	Washn.	Fwsd letter from Telegraph Dept, Bahamas returning amplifier, out of order. W. To Telegraph Dept Ack receipt of amplifier cc Washn 9/3
✓ 53009	8/30	Inspcr Brook	fwsd sample ear cup for radio receiving 629 set submitted by 3 different companies. W
✓ 583466	9/31	<u>War Dept</u>	Report on development of rectifying apparatus. W.

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
513157	FROM CARD 291		Westinghouse E/M Co.— Reports return of transmitter. 8/3. 8/31 W. To NY Rel shipment of radio arc set— 9/6 N.Y. 9/19 submits estimates for repairs W Fwd SEA 9/24 N.Y. Copy action to Navy Sup Depot. 10/18 W
583956	8/30	MI	Marconi type receiver— request plans of. W. To MI has no data available 9/23
584002	9/3	Jno. B Brady	Automatic transmitter printer receiver
CARD 332	Brady— Will ship transmitter to Bureau, Land. Lae and Anacostia		Set high power station— offers set for experimental purposes. W. J.B. Brady— 10/17 keyboard transmitter to Request inform rel apparatus 9/23 Fwded to Manilla for test W.
584272	8/2	Pearl Harbor	"Light speed lay— comments on defects in W 852
584792	9/9	To Washington	Arrvs model wiring unit for the Inter-fleet receiver Washn. 10/4 W.
58479	9/9	To Washn	Arrvs receiving rel application of non-synchronous rotary spark gap to inter-fleet transmitter W
CARD 864	To Comdt Washn— 10/18 W		Washn— Fwds prints 10/18 W
864	Washn— Fwds print showing reactance		
364	use of intra fleet trans 10/24 W		

RECEIVING AND SENDING SETS.

Number.	Date.	From or To	Subject.
✓ 578787	8/9	To <u>Western Elec Co</u>	Ask if company is perfecting protective device for use with high power vacuum tube equip. W Western Elec Co. 8/25 W.
✓ 579248	8/9	To <u>Bu Stand Lab</u>	To Western Elec- 9/12 Reqt mercury arc rectifiers at Lab be transferred to Wash Yard. W
579256	8-10	To <u>Anacostia</u>	Reqt modification of type SE 1345 airc transmitters, design problem 161-A W
579290	10/15	MELVILLE	6 K tubes shipt to Cambridge. W.
580076	8/10	Washn	Test of Hammond radio transmitting and receiving system- reort covering W.
580213	8/9	Washn	Re report of radio aide, L. discussing on a method for receiving a number of r l's on one collector system. W To S&A was invoice 5/26/23
579942	8-11	To S&A	Reqt shipt of material from New Orlns to Washn. W 8/25 To S&A Reqt shipt of mat from NO to Brook 8/30
579249	8-11	To Comdt Wash	Assignment of radio resch problem 122- W Phil - Vacuum tube shipt to Westinghouse Co. by aircrit factory has not been recd. 12/7 W To Washn- Reqt research Problem 122-B be stricken from list 3/30
CARD 368	8-11	To S&A	Reqt shipt of radio material from L. Orlns to Norfolk W 8/49
579770	8-11	To S&A	New Orln- Item F not available for shipt. 9/1 W
579769	8-11	To S&A	Reqt shipt of material from L.O. to Washn W 8/48
			To S&A Reqt shipt of mat from NO to Washn 8/30
			Washn 8/21 9/14

RECEIVING AND SENDING SERIES

1921

Number.	Date.	From or To—	Subject.
555576	8/12	Anacostia	Sum report on test of universal amplifiers. W.
579945	8-13	To Comdt Washington	Edis vandyke comm of break key W
550056	8/13	Wash. To S&A Fwda Invoice 5/26/23	Request a statement of how rel problem for reliability of use of vacuum tubes S&A Fwda Standards 9/29 1921 Bureau of Standards 10/19 Fwda comments. W. Re trans order action 11/10
579936	8-16	To Anacostia	Design problem- 162-B covering sinusoidally modulated CW trans for spotting planes W
581399	8/10	San Diego	Request allotment cov vacuum tubes issued 602 to ARCOSTOCK K
581000	8-20	To Washington	Design problem 164-A design of tuning unit for intercept receiver W
581005	8-20	To Bureau of Standards To Anacostia W.H.	Design Problem 43-A Universal amplifier W Bureau of Standards 9/20 W Washington 9/21 submits report on test of universal amplifier W Anacostia 9/19 report on test W

Number.	Date.	From or To—	Subject.
575839	7-22	To S&A	W.L. Sayre, gunner, reat loan of receiver To Cape May via 4th Dist. 8/11
575726	7/20	American 3/3/Corpn	Request shipment of tubes from Airc Factory to Lakemurst W 8248 RB 8/12 Y
576688	7-27	To Otter Cliffs	Recommends money be provided to take care of developments of S tubes. W.
577319	7/22 7/27	War Dept S.A.	Model RE long wave receiving equipment W copy Washington Bar Harbor Subm report on long wave receiving equipt. 11/28 To O-125 Bar Harbor via Boston - Gives details inform cc Washn 12/9 Re from Best 1/7
577978	7/21	Wasnn.	Vacuum tubes are not surplus - can be sold to navy. W.
578238	7/29	J.B. Paine Jr.	Request print of wiring radio receiver. To J.B. Paine Jr. - Ends blueprint drwg showing wiring diagra of CH 113 receiver. 8/6 W
577777	7/30	To S&A	Request shipment of radio receivers from Washington to N.Y. W 8347

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
578479	7/29	United Fruit Co.	Request info m rel to test of large type transmitting set at St. Augustine. W. To 8/4
578291	8-4	To Comdt Washington	Design of tube attachment for 1/2 kw subm spark sets W.
		card 411	To Washn- rel recomdn 8/11 Washington- Subm recommendations requested. 9/19/22 W
578297	8/4	To Comdt Wash	To Washn- gives instrns 9/23
		To Washn Request cost of instln	To Washn- gives inform rel modified antenna 10/19
		listed 9/21	Teletra phones for trans pacific high power circuit W copy DNC PH MI PCCS
579175	8/2 8/5	Washn.	Washn- Telephone reports on experiments for improvements. 8/29 W.
		S&A	Request disposition of mag. avox amplifier in store. 8/20 W. cross And S&A
578780	8/6	To Cdn. C& Atl. Fleet	Request report on model TC radio transmitters and recommendations cov. W.
		TO CARD 378	Atl. Fleet 10/20 gives corras W To C-I-C Atl. Fleet report on vacuum tubes 10/26
			Atl. Fleet- gives report from battleship force. 5/28 W.
577776	8/8	To S&A	Request shipment of blinker sig sets from Wash to Bu. W
578786	8/9	To Wash	Exds copy of drawing showing alterations to tube transmitters. W

REC & SENDING

1924

324

Number.	Date.	From or To—	Subject.
573848	7-13	To S&A	Reqt shipmt of radio receiver from CO HURON to Washington W 8125
			Shipt order from Wash to HURON 7/13 8125
			360 1st status of Receivers 1/6/22
			S&A- fws correspondence rel to shipts 5/6/22 W
574939	no date error	Lieut Comdr V. Baker see 899	Reqt title of permanent lease of land in San Carlos naval reservation.W
574905	7:13	Norfolk	5 kw standard booth break relay-fws prints.W
574947	7:13	Radio Corp	Government of Venezuela reqt amplifiers ask if shall furnish.W To 7/16
574998	7:12	Washn	Redesign of anode tips for arc sets-fws prints with re co. m. tions.W To Comdt Wash 7/21
573841	7-14	To SEA	Reqt shipmt of transm equipments from Ham, Rds to Phila A F. W 8113 RE 10/5 W
574568	7-14	To S&A	Reqt shipment of radio trans from Anacost to Lakemurst W 8130 RB 3/24 W
574572	7-14	To S&A	Reqt shipmt of radio material from Wash to Rockaway Beach W 8131

RECEIVING & SENDING 1921

Number	Date.	From or To—	Subject.
567324			
562734	from card 317		To American R.R. Corpn- return of spark set from Washington yard to your company at your expense. W copy Comdt Washn. 7/15 To Condt Wash 7-15 To General Elec Co 7/20 GE Co. 7/21 W. GE Co.-Subm inform rstd. 7/22 W American R/R Corpn-Satisfy to return transmitter at Co's expense. 7:25 W To GE Co. 8/2 GE Co.-Will fwd data in a few days. 8/19 W -nspr GE-10/5 W -nspr GE-10/5 W -nspr GE-10/5 W American R/R Corpn. 2/24 W
574747	7-16	To Comdts	Radio telegraph model TD air station radio transmitters. install by yards W To Insp GE contract 47403. model TD trans for base stations W 7/15
CARD 329		Inspr GE-10/5 W To Insp GE 7-27 Washn-Ready for test 8/30 9/19 W.	To Insp GE- 7/27 Comments on drawings fwded, with reference W contract 53759. W Liberty Elec. Corpn-Subm inform with prints requested. 7/26 W. To Liberty Elec Corpn 8/3 Status of radio spark transmitters. W Navy Sup Depot-Copy action to N.Y. 7/25 W 8/5
574751	7/15	To Liberty Elec Co Liberty Elec. Corpn. Fwds prints. 8/4 To 8/10	
575845	7-21	To NSD	
575845	8/27	Shipt ord fro NSD to Norf 8/16 S&A-Copy action Nav-Sup Dep. 8/18 W	
576710	7:13 7:22	But Stand- Have secured transmitter elsewhere. 8/25 W. M.F. Samborn Comm	To Standards- 8/17 Recd info relative to wireless apparatus reqd to receive file. W To M F Samborn 7/27

RECEIVING & SENDING

Number.	Date.	From or To--	Subject.
572860	7-6	To S&A	Reqt shipment of receiver from Washington to CO QUINCY W 5023
572861	7-6	To S&A	Reqt shipment of trans from Boston to CO QUINCY W 5024 Boston- Spc. from transmitting set ship from New York to Sta. for instn on QUINCY ? A 70-3-8 W
573289	7-7	To Comdt Wash Gives instrns rel plan 8/9 Wash- Subm report on remodeling receivers. 12/28	Radio telegraph- design (problem 158-A improvement of SE 3649 long wave receiver W to Washington- 8/20 alterations- 8,4 W
573700	7/6	S&A	Ord MI 7/13 RB 8/2 W. To Dr Baruch- 7-15 To M. is--Lo sets available. 8/6 Copy of letter to Waris waiting for rept. machine being sent to station rept. machine to be sent to station.
574000	7:11	Bureau Standards Lab Washington 7/22 Wash- Sub orders issued. 9/15 W	Reqt Washn yaf. be auth to build ~~transit~~ 6 stage shielded amplifier box similar to 8 stage already supplied. W To Wash 7/18 Swds purchase order c.v. rln. radio relay see Gift light Station. W Cross to 673
574433	6:24 7:9	Dept Commerce NSD	

RECEIVING AND LENDING

1921

Number.	Date.	From or To -	Subject.
572751	7/1	Anacostia	see amends C. 936 receiver be arranged to CW reception.
576674	7-5	To Comdt Wash Yd Washn-Universal and test report. 8/30	Re: test of universal amplifier, problem To Bureau of Stds- 7/5 To Anacostia 7/5 Bur Stand Fabr. 8/13 W.
576677	7-5	To S&A	Re: shipment of radio materil from Wash to Aire Factory W 8022 RB 11/22 W.
576670	7/5	To Comdt Wash To - Re: obtain necessary material. 8/9 W	Policy and specifications for transmitting vac tubes- suitability of type CW 1818 tubes for use in model TE transmitter W vacuum tubes. 8/4 W
576671	7/5	To Atlantic Fleet	Design problem 158 improvement of type LB 3048 receiver- re: report on use of receiver W To Pac Fleet 7/5 Atlantic Fleet- Fwdn copies of correspondence 7/22 W Atl. Fleet- Report of 30 INMA. 8/2 W Atl. Fleet- Comments on changes. 7/5 W
572922	7/2	Communication	fwdn letter from the "Radio Telegrapher" asking if Dept has returned Paulsen arc patents to the Federal Tele Co W To Radio Telegrapher- gives info. 7/13

Number.	Date.	From or To--	Subject.
✓ 570514	6/18	Dept of Public Safety Norf.	Ask if can obtain radio set from Norf. for instain at police headquarters. W.
569985	6-20	To Comdt Wash	Fwds drawing in comp tests of 500 and 60 cycle spark transmitters W. Washn. Comparative test. 9/9 W.
✓ 569982	6-20	To Phila	Reqt status of Marconi 2 kw spark set W reported on change sheet 5/28- assigned W to FULTON W Phila. 5/27 W
570683	6/20	Atl. Fleet Copy	Report on test of arc set of vacuum tube transmitter at Washn. Yd. W.
571231	6/21	Ports	Request instrns cov operation of 5 KW arc radio transmitter with ignition signalling system be furn. W. To Ports 7/1
✓ 571198	6/16	Conn. T/E Co. To Connecticut Tel Co 7/20 Connecticut Tel Co 7/21 To Conn Tel Co 7/27	Calls attn to high power rectifier which Co. has developed and ask if interested. W To 6/23 Conn T/E Co. 6/28 W To Conn Tel And Elec Co- Gives Inform 7/6
571928	6/23	American Com. for Devastated To N.Y. Tel- 6-28 To Amer Com 6/29	Reqt loan of amplifiers at N.Y. Yd to Navy Club of Manhattan for sending reports of Dempsey-Carpentier fight. W. To 6-29 To Amer Com Tel 8/29
✓ 571570	6-27	To Annapolis	Fwds copy of booklets for instruction purposes W

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RECEIVING AND SENDING

1921

Number.	Date.	From or To--	Subject.
572017	6/24	C. L. Wiemann	Request hook-up for Sperry recvg set be furnished. W. To 7/7
571861	6-28	To G.E. Co.	Request status of vacuum tubes, employing thoriated filaments, etc., W To GE 7/21
571862	6-28	To Bureau Standards	Request investigate uses of excess stock of vacuum tubes, in accordance with recs made at recent vac tube Conference. W
572178	6-30	To S&A	Request shipment of vacuum tubes from Washington to Bureau of Standards W 7/9/21 BB 8/7 W.
572185	6-30	To S&A	Request shipment of vacuum tubes from Washington to Airco Laboratory Anacostia W 8008 BB 8/1 W
572172	6-30	To Comdt Wash Yd	Radio telegraph- DP 66 policy and specifics for transmitting vac tubes- determination of most suitable 250 watt tube for naval use W
572445	7-1	To Comdt Wash	Design problem 157 design of spark tube trans for 10 kw set W

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.	
555988	FROM card 313		Washn- Comments in detail. 6/14 W	
569859	6/13	Hon. D. Elkins	Fwds letter from J. Henson in conn. with securing a radio set from Washn. Id. AV. To Ho Elkins 6-17	
53076	6/15	To Inspr GE (T)	Regst registered parcel post vacuum tube- be forwarded cc S&A S	629
569598 ⁵	6-16 To Washington- 7-12	To Comdt Gr Lakes IM NO Comdt Key West RB 7/22	Transmission test spark tube transmitter- Regst report covering W 9th Dist. 5/24 W New rln- 6/28 W. Key West- 7/2	
570008	5/31	Fed Tele Co	Single wave signalling system for Annapolis station- gives advantages. W	920-1
569974	6-17	To S&A	Regst shipment of radio matrl from Washington to Radio Re. Lab Cambridge, W 7857 To Hammond Rech Lab- 6/21	

REC & SE DING

1921

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Number.	Date.	From or To—	Subject.
✓ 568626	6-10	To CO (CALIFORNIA) 510	Fwds copies of instruction booklet on model TC battleship radio telephone equipment as manfg by GE under contract 49333- W
✓ 568631	6-10	To CO MARYLAND 36	Fwds copies of instruction booklet on model TC equipment as manfg by GE under contract 49333 W
✓ 568869	6-10	To CO TENNESSEE 136	Fwds copies of instruction booklet on model TC battleship radio tele equipment as manfg by GE Co under contract 49333 W
✓ 569150	6/8	Magnavox Co. ✓	Have opened permanent sale Office in N.Y. W. to 6/14
✓ 569158	6/10	Y&D	Copy of letter to MI rel to allotments cov quarters. W.
✓ 569133	6/9	S&A	Request information rel to availability of 2 KW spark transmitter for sale. W fwd S&A 6/14
✓ 569486	6/11	E. C. Hanson ✓	Fwds copy of article on Wireless communication, past present and future. W. To Intelligence 6-18

RECEIVING & SENDING

1921

Number.	Date.	From or To	Subject.
567311	6-3	To Bureau Standards	Assignment of radio research problem W
567317	6-4	To Coast Boston	Visit of G.E. Co engineer to Boston yard to inspect radio apparatus of battleship Division W
567325	6-6	To Washington	Exds vandyke copy of drawings W
567324	See 562734-	card 324	
567323	6-6	To Washington	Design problem 155- design of vacuum tube unit for converting standard 1/2 kw spark sets into spark tube sets W
50777	6/3	To Washn	Lists measures decided upon for remedying difficulty with transformers from amplifiers.
542834 from card 307			To Radio Corpn- asks reply be made letter of 5/9 in conn material loaned Company W 6/8 To Radio Corp of Amer Regst status of rat 8/30 To Radio Corp of Amer- Regst return of radio equipment 9/30 Radio Corpn of America-Ask if nec to replace equipment 12/30/26 W
559257	6/6	Radio Corpn America	Subm policies and program adopted by 00 which makes vacuum tubes available for radio purposes to Merchant vessels 1/2 W. To Shipping Board Gives Action 1/2 W.

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RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
568424	6/6	GE Co.	Request specifications cov 250 Watt vacuum tube. To GE Co 6-13
568013	6-6	To Amer RR Corp.	Fwds copy of specms covering trans vacuum tubes W
568021	6-9	To Comdt Wash	Fwds vandyke copy of drawing W
568787	6/7	Hon. J W. Good	Fwds letter from A. B. Hoover in conn with securing radio outfit. To A.B. Hoover- 6-17. CW.
568888	6/5	J. A. Betterley	Request inform rel to radio apps used by Navy. Ask whether same can be purchased. W. fwd S&A 6/13 To J.A. Betterley 6-13
535390	FROM CARD 302		Washn- Fwds specifications for conversion of 2KV arc eqpt to current transforming circuits. 6/9 W To Washington- changes be made to spec 7/8 Washn- Fwds specms for conversion of 2KV arc eqpt to current transforming circuit. 7/26 W To NY- rel instln of arc set co Turkish Waters 8/2 To NY- Gives instrns 8/4 To Washn- rel instln of arc set co Turkish Waters 8/4 To Washn- Requests for one set of field coils 9/14 arc asmn Yd- fwds report on comparison of w KV 10/5 J

RECEIVING & SENDING

1921

Number.	Date.	From or To—	Subject.
566129	5-27	To Board Survey	30 low arc wave changers- Suggests place in Navy. Sup Acct for issue. 5/22 W 30 copy action to Bd Survey, 5/22 W S&A copy action to Washn. 5/27 W S&A 6/27 W
566436	5/26	American R/R/Coron	Subm plan for Navy cooperation with CO in development of S tube. W American R/R/Corpn- Subm new proposal. 5/6 W To 8-3
42141	5/25	To IM Napp- NY Comdt Phila	Reqt inform as to number of Model "X" 629 and "K" 2 KW Radio arc sets which have been installed and the number on hand unassigned. W
566905	5-1	To Comdt Washington	Reqt vandyke and bprints of booklet on field set be fwded Bureau W Washn. 5/7 W.
567094	5/31	GE Co.	FWis print photos of pilotron tubes. W
567361	5/19 5/2	Washn. S A	Reqt authority to over haul a similar rec. from Bureau station. W Fwd S&A 5/4
567362	5/27 5/2	Phila. S A	Reqt. for list to locate rec. from and rate by which it recd; rqt acctg instrns. W Fwd S&A 5/4
570514	5-24	To Rear Admiral Billingham Director Public Safety	Cannot furnish equipment required. Agreement not to sell patented vacuum tube radio apparatus W

RECEIVING AND SENDING

1-21

Number.	Date.	From or To—	Subject.
343989	FROM CARD 307		Atl. Destroy (T) Motor Buzzers installed on HATFIELD & BROWNSFIELD 5/2 W. To Chasn. 5/6
565918	5-2	To Washington	Reqt investigation failure amplifier transformers design problem 154- W
Washn-	submits est-10:27-W		Washn- comments on amp. revo tests. 7/15 W To Comdt Washington- 8/20
564882	FROM CARD 317		Washn- Revisions of drawings will b a com- pleted 10/1. 9/8 W Chasn- report on comparison test 5/31 W To Norf 6-7 Norf- Fwds report on audibility test. 6/14 W Washn- Test report. 9/12 W To Washn- nelson ask receipt of Reports 12/20 To Washn - Reqs tests be stricken from list of tests 12/20

Number.	Date.	From or To—	Subj. etc.
448672	FROM CARD 250		Thila. 5/19 W. Phila. 6/11 Subm estimates. W. and SEA 6/15
564874	5-20	To Washington	Elementary test of loading coil submitted by Shipping Board W Washn. Fwds report of test on loading coils. 6 9W To Shipping Board Fwd. Elementary test of loading coil submitted Shipping Bd-fwds report on test of loading coil 7-13-21
552501 SEE 896	5-23	To G.W. Carpenter Rad Co.	Reqt return of papers fwded on 22nd March in conn patent for liquid rectifiers. W
565305	5-23	To Hammond Radio Research Lab.	Fwds report on constants of Western Elec type N vacuum tube. Wire for exper work be delivered on 5/24 by Simplex Wire & Cable Co W copy Ordnance
565572	5/13	Ports	Request vandykes of 20 sections for model RA receiving eqpt- Washn yd fwds. W.
565672	5-25	To Wash	Fwds vandyke -break key relay type SE 3538- W

Number.	Date.	From or To	Subject.	
58530	FROM	CARD 315	Phila. Lists parts missing from list. 5/24 W Shipt order from Norf to Wash 5/26 7548 Fwd Wash 5-28 RE 6/17 W Norf 6/29 W	
565793	5-26	To S&A	Reqt shipt of coils from Washington to Norfolk W	7542
565985	5-26	To Washington	Redesign of type SE 1440 receivers W	
566194	5/25	S&A	Recommends used receivers and condensers listed be advertised for sale. W3. Iwd S&A 6/10	
566319	5/26	Norf.	Break key system for battleship flag ship, and battleships. - estimates 600 W3	

Number.	Date.	From or To--	Subject.
562269	5/5	Western Elec. Co.	Vacuum tube sockets- fwds sketch showing proposed arrangements of. To Washn 5-13 To Western Elec 6-3 5/1 W.
562306	5-7	To Atlantic Fleet	Fwds booklet W
562734	5/6	American R/R Corpn	American RR Corpn-7:15-W To Westingh. pilotrons for modulation transmitter be furnished. Wash 5-12 RR 5/24 W. To Amer RR Corpn 5-16 American R/R Corpn 5/20 W. Fwds report on trip to Boston and N.Y. by J.M. Miller re: to new rectifier tube developed by American R/R Corpn W
562865	5/9	Bureau Stand. Labr.	
561496	5/2	Washn	Subm comments on criticisms made by Boston Yard on performance of SE 1440 receivers at shore radio compass stations. W 919-1
563263	5-13	To S&A	Request shipmt of amplifiers from Washington to Buget Sound 7389 To S&A Request shipmt of Amplifiers from Washn to Stations listed 172 5/1
564517	5/17	Washington S&A	Request Grebe radio receivers from WYOMING and N.Y. to be added to list for sale. W. Ed S&A 5/20
49338	5/16	To NY (T)	Request facilities be extended G2 Representative Edward Austin measure antenna constants and place Model TC radio tel equipment in good condition W 529

REC & SENDING

1921

Number.	Date.	From or To—	Subject.
563586	5-18	To Norf	Design problem 152 A design of and manfg of four special relays. W
		Washn- Subm estimates- 11/15 W	To Norf 8/10
			To Comdt Washn 8/10
			Norf- Subm estimates- 8/18 W.
564942	5/17	Hammond Labr.	Calls attn to improved CW transmitter which Labr. has developed. W.
			To Hammond Labr. 5-24
Wash 554	NSA 21 5-19	To Insp'r Brooklyn	Reqt status of material from Dubilier Cond Co. WR
565101	5/19	Washn.	Request arrange for nec transmission schools for comparison of 5 cycle and 500 cycle spark tube transmitters. W.
565255	5/19	GE Co.	Subm inform re: to capacity of one KW vacuum tube being manufgd. W.
564879	5-20	To Comdt Wash	Design problem 151. application of non-synchronous rotary gap to 240 cycle intermediate transmitters W.
564882	5-20	To Otter Cliffs via Boston	Comparison test of 500 cycle and 50 cycle spark tube transmitter w Comdt Washn.
TO CARD To Otter Cliffs (T) 5/24			To Comdt Wash. 5/20
319 Bar Harbor (T) To be transmitter test			To C. as & Norf. 5/20
Satisfactory Subm schedule 5/1 W			To C. as & Norf. 5/20
564871	5-20	To S&A	Request shipmt of radio trans set from NSD to Wash. W. 4/25
			Nav. Sec. Dept 5/28 W.
			To NSD 5-27
			To Brook- Reqt inform 10/13

Number.	Date.	From or To—	Subject.
✓ 559526	4/21	S. DeKan	request inform rel to care and up-keep of Marconi radio receiver. W.
✓ 559513	4/22	F. A. D. Andria	Calls attn to facilities for mfg of radio apparatus - fws sample of galena crystals Co. manufactures 4/26 W.
559204	4/22	To Western Elec Co (T)	New panel for transmitting and balancing unit sets can be connected by washn yard W
✓ 559910	4/23	Wireless Imprvt Co.	Best inform be furn rel to current transformer circuits for use in conn with aere. W. To Wireless Improvement Co Gives inform 4/29 Wireless Imprvt Co Comments on 5/17 W To Wireless Co 5-25
559205	4/25	To Washn	Right Vandyke of latest revision grounding
N.Y. fws	revised vandykes. 5/28	Washn 5/12	To NY 5-16
559212	4/25	Comd to Boston Phila Washn NO	Fws Vandyke re install are radio transmitters sealing water system W
To Shipping	MI-Pug Spd	board Fws plan 4/27	
559609	4/25	To MI Narf	Inspn of are sets; Will send representative from Washington to Narf week April 25-30th W
556215	4/25	Radio Corpn of America	Fws samples of 93-1444 tube-calling attention to points in which same do not meet specs. K&W Fwd Washn 4/28 To Radio Corpn of Amer Gives action 4/28 Washn-Vacuum tubes- fws report on test. 9/9 W

RECEIVING AND SENDING

1921

Number.	Date.	From or To--	Subject.
560071	4/28	To Wash	Inspection of receiver manufactured by Wireless Improvement Co. Request receiver be inspected 4/28 W Wash. report of inspection of receiver subm by Wireless Impr vt Co. 5/8 To Wireless Improvement Co 5-16 Wireless Imprvt Co.- 5/18 W
560078	4/29	To Wash	Auth. manufacture At Washn yard antenna turning systems W Washn-Subm estimates. 5/9 W.
561012	4:29	European Force copy	Request six 20kw arc anode tips be sent to CO PITTSBURGH W To SA Request shipment of tips from Washn to CO 7235 5/2 RB 6/2 W
561118	4:29	Norr	Fyds Vandykes describing Hullborg single wave arc key
561604	?	Danney	Calls attn to crystal detector which he has invented. W To R.E. Danney- 5-17
47403	4/30	Wash	Subm report with recommendations cov insp 629 speciation of TD transmitters at GA Co. SW
478691	5-4	To Phila	Radio material used by Post office Dept. W To Phila Request list of equipment damaged With Estimates 11/19

Number.	Date.	From or To—	Subject.
557846	4/13	<u>American R/R/Corpn</u>	1/2 KV emergency set with audion control panel shipt to radio test shop Washn. W.
557924	4/11	Eng. Sd.	Fwds calibration data for destroyers of Div 2. W.
554951		SEE CARD 313	To American Radio & Research Corp. Arrangements being made whereby Dr J M Miller will visit lab or ar about 5/1 for a conference in conn with tube rectifiers W 4/15 American R/R/Corpn. 4/18 W. To Amer Radio & Research Corp- Re visit of J M Miller W 4/20 American R/R/Corpn 4/23 W To Amer RR Corp 5-17
557887	4/18	To Washn	Design Problem-Amplifier transfer switch for Short wave shore station receiving equipment W W. J. M- Subm estimates. 8/11 W

RECEIVING AND SENDING

1921

Number.	Date.	From or To	Subject.
✓ 558527	4/18	To <u>Floyd H Carleton</u>	All Radio sets on hand are in use or in store new sets cannot be removed from store without occasioning charge against one of working appps
✓ 558591	4/19	To IM Nurf	Radio arc sets in store at Nurf; Request two sets be inspected and recomds made as to what mat neccy and what repairs required to place them in efficient condition giving estimate of cost W
558530	4/19	To IM NY	Gives instrns re Radio set- spare parts for W
T CARD 318	5/10	North-Subm estimates. 5/14 W	To Phila Gives instrns re sets 4/19
MI 558529	5/11	To Washn	To IM Nurf Gives instrns re sets 4/19 satw 4/19
558529	4/19	To Washn	Gives list of work to be done in conn with radio arc set now in store at yard W
558535	4/19	To E P Edwards Radio Dept Co Co (T)	Moving picture film desired by Neep is one Alexanderson used in address on vacuum tube at banquet for international radio delegates at Albany W
✓ 558790	4/19	Liberty Elec. Corpn	Ack receipt of film 5/3
✓ 558443	4/22	Radio Corpn of America	Will develop design and build current transformer in awarded contract. W.
			Will make allowance for returned tubes. W

RECEIVING AND SENDING

1921

Number.	Date.	From or To--	Subject.
556504	4/8	S&A	Subm list of surplus transmitters at Boston- reqt disposition of. W. To S&A Action withheld pending receipt of reports 4/27
✓ 556530	4/4 4/9	Pacif. Btlshp Force Nav. Intelligence	Fwds article by Lt. T. B. Inglis rel to vacuum tubes in radio receivers for publi- cation. W. Fwd Dir Intelligence 4/14
556786	4/11	Chicago Tribune	Ask if will authorize Tribune representative to inspect receiving instruments at Great Lakes with view of purchase. W. To 9 Dist Reqst Rep be permitted to inspect radio Recr 4/14
✓ 556852	4/8	Lowenstein Co.	Fwds set of photostat copies of magnetic keys and descriptive data- ask if satisf- to destroy. W. To- Ack receipt of copies photostat 4/14
✓ 557038	4/8 4/11	Washington Dept	Fwds beneficial suggestions, T. W. Carpenter in conn with development of amplifiers. W. Fwd Sec 4/14
✓ 557241	4/12	Radio Corpn of America	Are shipping one receiver manfd by Wireless Specialty Co. by express. W.
Eng 453	4/12	Re Western Elec Co	Reqts quotation on "Q" 50-watt vacuum transmitting tubes. WR
557544	4/9	MI	Request prints showing characteristic of vacuum tubes be furn. W. To MI Fwds plans 4/25

Number.	Date.	From or To—	Subject.
502415		SEE CARD 265	To Radio Corp of America Request all data covering shipment of radio receiver be fwded cc Washn W 4/12 Radio Corp of America- 4/21 W
556785	4/13	To Arthur S Henning	If decide upon purchase of app listed Bu will be glad to arrange for purchase of W 9th Dist. 4/20 W.
557663	10/11/1920	Fed. Tele.Co.	In conn with development of arc radio transmitting apparatus - subm suggestions cov. W.
557694	4/11 CANCELLED	Reeves Pulley Co. ERROR	Calls attn to Reeves variable speed transmission in conn with possible instn at Ham. Rds. operating Base machine shop. R.
557696	4/12	Hon. A. T. Treadway	Fwds letter from R. W. Kreimendahl rusting literature on radio work. CW. To-- Does not have literature 4/16

1921

313

Number.	Date.	From or To--	Subject.	
553093	3/26	To Washn	Reqst amplifier be modified as listed W Washington 4/4 W.	
553104	3/28	To S&A	Reqst. shipmt of receiver from Phila to Brook 6749 W	
42141	3/18	NLY.	Submits report on condition of arch transmitters S&W	629
552539	3/23	To Ins Norf	Auths Norf to manf sufficient number of 771-2 vacuum tubes battery charging panels cc Shipping board W	
554801	3/19 3/25	Atl. Train Atl. Fleet	Recommends audion amplifier be supplied to mine Sweepers and tugs listed. W.	
		To Atl Fleet via C-I-C 4/15	To C-I-C Atl. Pac Fleet-Comdrs Atl-Pac-Comdr Train Atl-Pacific- Gives inform re radio app on seagoing tugs- 4/9 American R/A/Corpn 4/11 W.	
554651	4/2	To American Radio & Research Corp	Gives data on service storage batterie Amer R&R Corpn-cannot quote price-necessary for further design to be accomplished-4/7	
		To Amer Radio & Research Corp -Reqst *nform 4/14	To Amer Radio & Research Corp Reqst inform 4/5	
554857	4/2	To Boston Rubber belting Co	Reqst cc of chemical analysis of rubber receives on plan be fwded W	
554859	4/2	To Shipping Board	Reqst *nform re arc sets instld at various yards W	

1921

Number.	Date.	From or To—	Subject.
✓ 555345	4/2	American R/R/Corpn	Will ship 1/2 KW transmitter with bulb control panel to Washington Test shop. W. To Washn Gives action 4/15
5 555566	3/29	MI	Request work cov development of uni-wave system be assigned to MI as a design problem - fwd's prints in conn with. W.
MI-7/28		Manufg of key completed. W.	To MI. Augd 4/16. To M.I. 7/18 problem 149- W
✓ 555810	4/5	Nav. intelligence	Spanish Nav. Attache wishes to secure radio outfit. W. To Dir Intelligence Gives instrns 4/6
554863	4/5	To T Johnson	Fwd's article on "avy Radio tube transmitters also Depts let granting apvl for publication of article W
555988	4/6	Western Elec. Co.	Detailed reports rel to possibilities of standardization of 50, 200 watt transmitter tubes for Navy. W.
TO CARD Bur Stand Labr-Fwds comments from 321 Western Elec. Co. and GE Co. 5/5 W	5/13		GE Co. Comments on standardization. 4/14 W
Request a recommendations cov specifications. 5/11 W.			Western Co 4/24 gives inform re tested to statement GE Co 4/29
556118	4/6	GE Co	Comparison of 50 watt radio transmitter vacuum tubing of Western Elec. Co. and GE Co. - subm report covering. W. To GE Co. gives inform 4/15
555394	4/8	To S&A	Request shipmt of a plifier from Washn to Bu Standards 6903 W
555736	4/8	To NY	Reqst stat s of arc radio sets W RB 4/18 57

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	SEE OTHER SIDE	Subject.
552292	3/19	Pacif Destry (T)	Request 250 vacuum tubes be shipt to	
		To Pac Fleet (T) (Gives shipping status of MI 3/31	MELVILLE and same number to PRAIRIE. W.	
552380	3/3	MI- (T) Stock exhausted. 3/23 W	To MI 3/2/18 W	How may batteries in stock 3/31
		Pearl Harbor	Request shipt of audio frequency transformers. RW	
			To P H Give inform 3/23	
552572	3/18	New Orin.	W. J. Whalt ask if can purchase obsolete or damaged radio equipt. W.	
			Fwd S&A 3/22	
551988	3/21	To S&A	Regst shipt of tank from Chasn to SO Washn	
			6723 W RB 5/6 W	
552767	3/18	Bur Stand Labr.	Resch problem 43—universal drivers for hetero dyne reception with R.F. Amplifier reqst be constructed at Washn. Yard. W.	
			To Washn Fwd Pict 3/29	
552829	3/14	Washn.	Report cov inspection of repair to amplifier	
	3/21	Nrf.	received from Norf. W.	
552506	3/22	To Washn	Regst 10 copies of description and instrns	
			Washn—instrn books fwded to Bureau. 3/28 W	
552508	3/22	To Washn	Regst set of vandykes on receiver to be fwded W	
			Washn—lists vandykes fwded. 4/5 W	
552509	3/22	To Washn	Regst vandyke to be fwded re-recei of latest revision. Plans listed W	
			Washn—lists vandykes fwded to Bur. 4/31 W	
557501	all 896			

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
553010	2/16 3/22	Ports Norf.	Request list of parts comprising Y tubes be form Y
		VOID- error	
553062	3/22 3/23	Washington Dept	Fwded beneficial suggestions of G W Carpenter and W. L. Gaison re: to development of amplifiers. W. Fwd Dept 4/12B 4/21 approving award of \$400.
552292	3/24	To S&A	Request shipment of batteries from Washn to CO 6738 W RB 5/17 W. To S&A Request shipment of batteries from Washn To CO 6737 3/24
552849	3/23	To Washn	Request cc of sub receiving eqpt be fwded W Washn-Copies instrn book fwded to Bur. 3/31 W
552855	3/24	To S&A	Request shipment of transformers from Washn to SH H 6736 W RB 10/21 W
553092	3/25	To Anacostia	Amplifier-Test of requested W Pensacola- Heco mends expedite conversion of amplifiers. 4/12 W.

N.S.E. Form 134.

RECEIVING & SENDING

1921

Number.	Date.	From or To—	Subject.
550755	3-14	To NSD	5 kw spark set- ex BALTIMORE. Advise condition W
549565	3-10	Fwded Naval Intelligence	Publication of article on "The Magnetic Amplifier". W
550754	3-14	To NSD	Rel 5 kw arc set ex BALTIMORE. W Nav Sup Depot—Lists parts comprising set 3/22 W
551575	3:14	Worff	CN-113 receivers drawn from stock and installed on DUNCAN and BENHAM W
551596	3:14	Washn.	Submits report on inspection of amplifier installed on Inaugural stand. W cross
551545	3/14	N.Y.	Fwded vandykes of radio transmitter insterm. W.
551771	3/15	Dept	Fwded beneficial suggestion of H J. Long cov improved battery control switch for vacuum tube amplifier. W
551983	3/15	N.Y.	Fwd Dept 4/9 RB 10/14 W Request disposition of amplifiers on hand read from aboard. W.
		To S&A Recst shipment of a plifier from Brook to Washn 6695 3/21	To S&A Recst shipment of amplifier from Brook to Anacostia 6696 3/21 W RB 4/18 W
		RB 4/23—Gives instrus 3/21	
		Nav Sup Dept copy of action to NY 3/23 W	

Number.	Date.	From or To—	Subject.
551209	3/16	To Washn	Reqst cc of vandyke of latest revision vacuum Tube -specimen be fwded W.
551210	3/16	To Radio Audion Co	✓ Tubes will be tested and report fwded W/ To Anacostia Reqst recoman be submitted 3/16 cc Washn
551213	3/17	To S&A	✓ Reqst shipmt of copper le ads from Washn to Pug Snd 6653 3/17 W
551214	3/17	To S&A	✓ Reqst shipmt of receivers from Washn to SO Washn 6662 W Washington-11/30 W.
551983	3/4	C. Whitten	Ask if wireless sets or parts thereof can be given to him by Navy. W.
551213	3/18	To S&A	✓ Reqst shipmt of keys from Washn to Pug Snd 6653 W RB 4/6 W. same order 3/17 RB 5/1 W.
551214	3/18	To SO Phila	Reqst inform if amplifier reported at Phila are available for shipment W Phila. 3/21 W
551971	3/18	To Washn	Encs paper on some improvements in poulsen arc comments on W RB 5/6 W To Washn-17

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
550076	3/7	S&A	Vacuum tubes recd from stock is new material and is being reported as showing evidence of previous use— recommends on present stock be delivered to Radio Labr. for test. W.
550031	3-9	To Comdt Washington	Radio research problem 113- C emergency transmitter for life boats— assignment of W
550031	3-9	To War Dept Reqt Equipmt pt be shipped as listed cc Washn 7/6	To Washn Gives instrns 4/13
550031	3-9	War Dept-reqt sets be returned to Brooklyn 7/9	Washn- Signal Corps has larger number of spark plugcoil transmitters in stock. 5/22 W
550031	3-9	To Boston 7/18 copy War Dept. Washn-Recommends transp problem to OHIO. 9/8 W	Radio Telegraph - Uni-wave arc Signalling system—(in duplicate).
550031	12639-197 1/25	Comdt. M.I. - Bag	
550031	12639-197 1/25	To Washn Concurs in records 9/11	
550031	12639-197 1/25	To S&A Reqt equipmt of apparatus from Washn to	
550433	3/8	Radio Corp'n America	Subm condition cov replacement of damaged pilotron tubes. W.
550433	3/8	Radio Corp'n America-Wall allow credit. 8/17	To Radio Corp'n of America 3/23
550433	3/8	To Radio Corp'n 8/20	To S&A 5-18
550623	3/8	Bur Stand Resch Labr	To S&A disposition of damaged tubes 5-18
550623	3/8	Western Elec.Co. 3/18 W	High problem 45- A- covering investigation of universal amplifier - request Western Elec. Co. furnish tubes. W.
550623	3/8	Western Elec.Co.-Revised quotations. 4/9 W.	To Western Elec Co Reqt inform re tubes 3/17
550625	2/26	Pacif. Fleet	Recommends audion control box be shipt to all vessels of Pacif. Fleets equipt with intra fleet sets. W.
550685	3/2	Pacif. Fleet	Recommends 2 spare buzzers be furn each battle ship. W.
550686	2/26	Pacif. Fleet	Instln of radio transmitter key in booth of battle ships- recommendations covering. W.
550655	?	Hammond Labr	Request small N tubes be fwded for instln on torpedo receiver. W.
550655	?	To Hammond Radio Research Lab	To Hammond Radio Research Lab - Fwds tubes 3/17
550655	?	Fwds report cc Craft Lab- rdn 4/1	Hammond Labr- East characteristics of Western Elec.Co. N tubes. WE 7/7
550655	?	Hammond Labr-Subm offer covering apparatus- 4/13 W	To Hammond Radio Research lab Reqt inform 4/21

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
550663	1/5	Western Elec. Co.	Type H vacuum tubes— will expedite shipment. W.
550746	3-12	To Comdt. Washington	Redesign of SE 950 receiver— problem 143- W
	Washington 3/22 W.		Nav. Sup. Depot— 3/18— lists parts and accessories which could be used. Y
1		To Washn Plans apvd 3/28	
551098	3/5	Chas. M.	Fwds article of L. Clausen cov use of vacuum tubes for parallel operation of power amplification with rectification and rectification of plate supplied for master oscillator. W.
551167	3/11	F. A. D. Amara	To S&A Regt. shipment of mercury Arc rectifiers from Washn to Westinghouse 6600 3/15
	To— Gives inform 3/26		Ask if will authorize use of radio compass receiver parts as made by Sperry Co. on amateur apparatus. W.
551234	3/12	Bur Stand.	Fwd Washn 3/15 RB 3/23 W.
551279	3/5	Pacif. Fleet	Fwds description of type of amplifier for short waves using vacuum tubes. W.
556041		FROM CARD 308	To Washn Bu Standards— Gives action taken 3/17
			Recommends type 3650 receivers be replaced by type 1420 receivers on all battleships. W
			Washington 3/23 W.
		GE Co. Report on methods used to accomplish modulation. 3/10 W.	

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
548005	2/16 2/21	F. Cutting S&A	Makes inquiry regarding sale of nine 30KW are leading indwataces. W. fwd S&A 2-24
548146	2-25	To Comdt Wash	Reqt vandykes on model RA receiving equipat W Washn-Fwds prints listed. 3/21 W
548328	FROM CARD	301	Ship Board. Fwds copy of letter from Norf Office r... rel to illegal sale of vacuum tubes. 2/24 W Fwd Intelligen 3-8 RB 3-10 Nav. Intelligence 5/4- Report recd from 12th Dist. W.
548374	3-1	To Norf via Boston Puget Sound	Reqt advise when number of type of radio 2 step amplifiers available for shipt- W RB 3-7 Norf 3/10 W ug. 3/17 W.
548375	3-2	To Comdts IM's CO's	Fwds vandykes- switchboard panel for control gen set. relay key circuit W

549991

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898 RECEIVING & SENDING

1921

Number.	Date.	From or To—	Subject.	
549391	3-3	To NSD	Prices of radio material- Reqt for, including cost of packing W May Sup Depot 3/4 W.	
549168	3/1	Radio Corp of America-	Request loan apprs listed to be used by H. H. Clark on trip to Venezuela and Brazil in conn with static and other radio conditions. W	
360	Washn to SO	Brook 6565 3/10	To SO Brook Gives shiping instrns co NY- IN NY-	
360	To Radio Corp	Y-9	64-C Brook-S&A- Radio Corp of America 3/10	
549239	2/28	To S&A Gives Shipt status 3/16	Ask of chopper loop and brushes. 5 KW arc transmitter are to be changed in accordance with monthly radio report for Dec. 1920. W	
549482	3/2	Boston	Request authority to ship 2 amplifiers to Washington for over haul. W.	
549482	3/2	To S&A Reqt shipt of amplifiers from Washn to Boston 6984 4/13	To S&A shipt order from Boston to Wash radio amplifier 3/11 6559. RF 3/25 W	
549482	3/1	Boston to Washn 6984 W 4/13 RF-4;30-W	Washn-rcvt shipping instrns covering 4.9-W New continuous wave transmitter progressing satisfactorily. W.	
549720	2/26	Pug. Bd. p	Fwds letter from P. H. Marriett fwding description and sketch in conn with possible patent on apprs for preventing air from leaking into quenched spark gap. W.	
549720	2/26	Pug. Bd. p	To R H Marriett via Rugsnd Fwds copy of amendment 3/1/23	
549720	2/26	Pug. Bd. p	buln report on first spark type amplifiers submitted to Co. W	898
549720	2/26	Pug. Bd. p	buln report re: transmitting sets on hand and installed. W	629

RECEIVED AND INDEXED

Number.	Date.	From or To—	Subject.
537275	FROM CARD	303	Hammond Lab 2-7/4 To S&A shipment of vac tube from Phila to Gloucester 2-11- 6277 To Hammond Radio Research Lab 2-12
5.02	2/10	To GE Co 3-3	att vacuum tubes. To GE Co 2-15 GE Co. - Comments on apparent discrepancies. 2/24 W
545787	2-11	To Lowenstein Co	Request return of set loaned you in March Lowenstein Co. - Experimental work will 1920- W copy N.Y. be completed during week 4/11- request extend Lowenstein Co. 2/14 W. loan of apprx. 3/1
545032	4/5- 2-14	Subm estimates. W. To Candt Chasn	To N.Y. request detail of man to Low Co 3/7 Request info as to condition of 5 kw radio and trans set. W Chasn. 2/25 W. Chasn. 3/5 W.
545041	2-14	To Western Elec Co	Request info as to buzzer- W To GE Co. request data on apprx. 2/15 To GE Co. Subm list of apprx comprising oscillator and buzzers. 3/5
545051	2-14	To Phila	Advise number of 2 step amplifiers in used material accounts on hand and in sprn condition W Phila. 2/23 To S&A Request shipment of amplifier from Brook to MI 6630 3/15 To S&A Request shipment of Amp from Phila to MI 6604 3/15 RS-4; 2-W 5 kw radio arc trans sets W Boston. No army trans sets on hand. 3/5 W
545053	2-14	To Boston	Acknow letter in re policy of company with re future development of hp vac tubes W
545205	2-15	To Western Elec Co	

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
546985	2/15	War Dept	Fwds reports on Signal Corps amplifiers and development of vacuum tubes. W.
547064	??	??	Copy of letter to Dept of Commerce rel to automatic radio transmitters. W.
547204	2/16	Washington	Coated filament rectifier tubes as power supply for high power vacuum tubes— comments on with estimated, requesting authority to prepare specifications. W. To Wash- 8/3/21
346	To Bur Standards 6-3	346	
	To Wash 6-24		
	Wash— estimate cov manufr of Borsay		
	High volta system 7/26 W		
547027	2-19	To S&A	Request shipment of radio amplifier from Wash to Bur En R 2429 W 5 351
547297	2/17	Washington	Model TC equipts— recommendations cov desirable changes in instrn books. W.
547409	2/18	Washington	Fwds request of Lt. W. A. Eaton to publish articles on radio telegraphy in the Electrical Journal. W. 2nd Intelligence 2-24
547042	2-21	To Pacific Radio Sup Co.	Fwds report of tests on tubes as subm by Co. W
547558	2/17	J. L. Lenta	Request recommendations as to make of head line to use on wireless apparatus. W. To 2-1
547639	2-24	To Washington	Request for vandykes W Washington— Lists vandykes fwded to Bur by messenger 3/2 W
547995	2/21	Washa	Subm discussion rel to tube transmitting development for quenched spark equipt with sketch W To Wash 6-2

Number.	Date.	From or To	Subject.
542234	1-29	To Radio Corp.	Reqt date when material loaned company will be returned. W
543525	2-1	To Westinghouse EM Co	Reqt reply to letter 1/29 3/10/21 Fwds copy of report of tests made on tubes subm.- Reqt comments W
543539	2-2	To N.Y.	Reqt copy of drawing be fwded W
543565	1/21	Annapolis	Report covering arrival of a unit for instn of caliber. gun speed key system. W.
544077	1/21	Radio Corp.	Subm suggestions re to changes in spec. for radio and telephone cord
544432	2/1	Washington	Fwd S&A 2-17 Fwds prints of SE 1530 receiver. W
543979	2-3	To S&A	Reqt shipmt of Bakelite rod, from South Brook to Norfolk W
543987	2-4	OTHER SIDE CARD To Desty Force Pac	Motor buzzer transmitters, model BQ for destroyers- W copy Oprns.
RB 3/24		To S&A Reqt shipmt of Buzzer from Brook to Lowenstein Co 6829 4/4	Pac Desty Force 2/11
		To Chas. Bat. appr'd 4/11	To Cmdt Mare Island 3-1
		To Pacific Fleet 1 5/20	ML- Subm estimates. 3/14 W
		Atty. Desty - (T) Instn on BIDDLE.	To LI Reqt appr'd 3/24
		Will be completed by 7/1. 3/26 W	Reqt Desty-(C) status of instn of buzzers

RECEIVING & SENDING

1921

Number.	Date.	From or To.	OTHER SIDE C'D	Subject.
543966	2-4	To Comdr Desby Force Atlantic Fleet		Motor buzzer transmitter, model BC for Destroyers V copy Opma.
TO CARD		Chasno Subm estimates. 4/15 W		Atl Fleet 3/1- Recommends shipt to Chasno for install W
319		To Chasn- (1) wire names destroyers model BC buzzers have been installed		And Operations 3-8 RB 3-12
5-27		Chasn- (2) Radio buzzers installed on WILLIAM STUART BIDDLE. 5/27 W		To ChasnDesires a buzzer trans instld on listed destroyers cc Atlantic Fleet 3/26
544843				Radio Term of America have a receiver in their office manuf by Perry Co. V.
				To In Perf Coast cc Data 4/4
				Perf- Fwd tuning records. 4/12 W.
13639-197	1/31	Eng.		Radio Telegraph- Uni-ware are signalling system. (in duplicate.)
544616	2-5	To Washn		Fwd cc lca of drawings W
3413	2	AMICRIT 7-27 7-10 re		rt of actual info found defective in store at 3-10-27 7-10. CW
31372	2/5	Ingr 72		Trans 112-13 for Submarine tenders air-craft tender and light cruisers- 112-25 112-26 alterations to specifications- Also
62112	1/1	Trans 112-13		Trans 112-13 for Submarine tenders air-craft tender and light cruisers- 112-25 112-26 alterations to specifications- Also
30411		To Washn- CC Anacostia- O-I-c Bu Standards 4/13 W		To GE Co 2-12-21
				To Washn assignment of problem 112- 2-25
				Washn App re 112-25 112-26
				vacuum tube transmitting set. 3/17
				To Washington- Gives Action taken rel work cc Bu Standards- Anacostia 3/29
				To Washn- Gives action- assignment of radio research problem 3/29

Number.	Date.	From or To—	Subject.	
541755	1/19	Wireless L. Pvt. Co.	Request drawings in wing ignition type key for 2nd. and transmitter. W.	
541210	1-21	To S&A	Request shipment of gaskets from Norfolk to Mare Island W RB 3/21 W	6003
541209	1-21	To S&A	Request shipment of gaskets, from Norfolk to Cavite W	6002
541290	1-21	To N.Y.	Reada instructions booklet, on radio trans W	
541211	1-21	To S&A	Request shipment of gaskets from Norfolk to Puget Sound W - RB 2-15	6004
541754	1/22	Atl. Fleet (T)	Request shipment of 30 vacuum tubes to replace those destroyed. To S&A shipment of vacuum tubes from Air Force Co. PENNSYLVANIA via CULGOA W 1-21 6042 RB 5/6 W.	
541107	1-22	To American Radi & R Corp. to Comdt MI 2-3-21	Request copies of drawings of radio apparatus W To Lowenstein Co 1-22 Lomaxton 1/11 W	
541213	1-22	To S&A	Request shipment of gaskets from Norfolk to N.Y. W RB 2-17	6017
541214	1-21	To S&A	Request shipment of gaskets from Norfolk to Thila W RB 3-1	6018

Number.	Date.	From or To—	Subject.	
541633	1-21	To S&A	Test shipment of quenched tap, Lowenstein type sockets from Norfolk to Port Harbor W. Rb 3-7	6001
541212	1-22	To S&A	Test shipment of sockets from Norfolk to Boston W. RM 2-4	605
541755	1-24	To Wirehouse Impv Co	Schedule 6140 has been cancelled, and Bureau not issuing in drawing in conn with W.	
542421	1/24	S&A	Copy of letter to War Dept requesting vacuum tubes be delivered to Wash. Yard. W.	
579356	1-24	Washington-Subm comments on vacuum tube specifications. 3/25 W To Wash. Subm estimates. 5/18 W 8/19	300 Standard. - Report in test. 1/26 W. Harris Co. v. W. S. 1/27 W. Harris Co. v. W. S. 1/27 W. Harris Co. v. W. S. 1/27 W. To Westinghouse Co 2-5-21 copy copy W. To Wash. adapters for 2-12 To Wash. rel test 2-14 To Radio Corps. - feds. copy report 2-15 Washington-Subm report on new type electron relay. 2/16 W. Radio Corp of America. Acknowledges receipt of reports. 2/16 W. To Bur Stds. 2-18-21 Radio Corp of America-Rest. addtl. copy of report-feds Co's comments. 3/8 W To Wash. 3-8 Bur Stds. feds specifications on vacuum tubes. 3/8 W	
543510	1-31	To NY	Problem 134- design of guard for type CT 175 resistor. Request drawings, and estmts. W N.Y.-3/8- Subm estimates with price. W.	

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
540119	1/7	MI	Request authority to draw 6 amplifiers from store for use in building relay. W.
✓ 540241	1/15 1/12	Nav Sup Depot 2/23 W. Cane of ship order 6329-3/1 6466	To I. S. I. S. use 1-17 E. IS—Amplifiers reqd for building relay. 1/26 W To S&A shipmt order from NED to W.I. amplifiers W 6329 2/19 RB 12/27/22 W Copy of letter to S&A requesting quotation of radio transmitter; also are an spark transmitters. W. Red S&A 1-25-21
540249	1/12	Davis Co. S&A	W's prints covering description of operating instrns for radio receiver. W.
539864	1-14	Washington	Recd shipmt of vacuum tubes from Airo Factory to Washington W RB 2-3 5917
540427	1/12	To S&A	Send blue prints instrns cov type BA receiver. W
✓ 540499	12/30	Washington.	Circular instrns in conn with reported illicit sale of radio vacuum tubes by enlisted personnel. W.
✓ 540547	1/14	All Fleet	Re a st 16 quenched gap units re turn to replace units issued to CO SHAWLEY W via Phila via S&A 1-24-21
6669	1/11	Phila	Rept sample amplifier subm by Wireless Spec Appr Co be returned to Co WR 706
✓ 540382	1-17	To Comit Washn	Rept advise in re lack of interchangeability which repress nt. live of your Co believes exist. W copy Insp GE nspr GE 1/21 W
		To G.E. Co.	

1921

4. 4381

RECEIVING AND BUILDING

1921

Number.	Date.	From or To	Subject.
538717	12/31	Mallory Industries	Returns drawings of type GE 1615 amplifier.
538765	1-8	To N.Y.	Reqt report covering condition of 20 kw radio arc transmitters under contract 15 naval sup depot So Brook. W
To NY 5/20	5/6	was. affidavits. 5/6 W	Reqt condition of two 20 KW arc transmitters at Naval Sup Depot 5.1/18 To Wash. auth purchase 1-22
539012	1/7	Phila.	Request stock of hard vacuum tubes be replenished. Order from Washn to Phila of vacuum tubes W 5857 RB 2-17
539303	1-10	To S&A	Reqt shipt of arc radio set from Washn to Puget Sound W RB 2-3-21 5846
To Puget 5/25	5/25	Reqt books for arc	To Puget So. Cal 1-22-21 RB 2-3-21
3413	1/5	Thapr GE	Reqt 2" pipe line installed at Nika for running water. 1/24 Representative visiting Harrison Lamp 629 Wks in conn with defective vacuum tubes. SW
501305	from card 284		To Wash Id- approval of estimate for remodel 1420 B radio receivers W 1-11-21
539484	1-11	To S&A	Reqt shipt of radio receiver from M. Island to So Brooklyn W RB 2-17 5858
See over	3/10	W	Reqt shipt of Receiver from Brook to MI 6634 3/16 RB 7/35
	3/16	RB 7/35	Copy of action to NY. 1/31 W NY- 3/3 asks action taken. W To SE Darby Jr. rail shipt 3-9-21

RECEIVING AND SENDING

1921

Number	Date	From or To	Subject
539465	1/5	Pugdgd.	Request complete set of detailed plans of Fed. 20 KV arc transmitter. W. To Puget Sd 1-15-21
539484	1/10	Mare Island (T)	Request authority to ship radio receiver at Mare Island to S. E. Darby Atty. in conn with Fed. Co. suit. 1/10/21
539484	Brook 4/12		To S. E. Darby Atty. 1/10/21
539317	1-12	To Mare Island	Advise if model X radio arc trans sets reported on change of material sheets were issued complete with power equipments W Mare Island- 1/20/21
539702	1/10	Wireless Spec. Appr. Co.	Are completing plans and specifications for single wave cranking unit request opportunity to call at Bureau and discuss same.
539666	1/6	Davis Co.	Request quotation on small power transmitters also high power apparatus. W.
539713	1/10	Westinghouse T & Co.	All quality lots can manufacture ballast lamps at \$1.30 each; otherwise about \$2.00 W.
539759	1/11	Phila.	Confirms telephone conversation in conn with conversion of 20 KV arc transmitters from 80 volts to 120 volts and ship of arc vacuum tubes to Phila. W.
539853	1-13	To Director Nav Intl	Gives detailed comments in conn with vacuum tubes purchased by Chile from a manuf in the U.S.- W

RECEIVING AND SENDING

1921

Number.	Date.	From or To—	Subject.
537710	12/31	Norfolk (T)	Motor power transmitter for Destroyers. available - can not complete instant but will place same on board. W
537875	12/31	Hammond Radio Labr	Best tubes listed be turn for experimental purposes in development of valve transmitter. W 1/7 To Ham Lab 1-28
538012	1-5	To Ham Lab 1-28	Visit of R. J. Allen to C. J. Works. It is suggested that Allen visit Ham Lab 1/5
538164	1/3	Washington	Request supply of 50 Watt tubes be furnished for TC transmitters. W
538165	1/3	Washington	Best instructions rel to procedure in turning defective transmitting tubes over to CE CO/ and securing credit for salvage value. W To Wn 1-22
538027	1-6	To N.Y.	Request vandyke co. of 3Y 45A 139- instruction booklet for radio receiver to fwd Bureau W N.Y. from vandykes 2/11 W
538028	1-6	To Washington	Request copies of booklets be fwded W Washington 1/18 W.
538587	SEE OVER		fwd SEC- 1/6 (In conn. Arch of radio set Chicago Tribune W)
538768	1-20	To Phila	Conversion of 80 v 20 kw arc trans for operation on 125 volts W To CO OHIO 1-28 CO OHIO 2/1 W

RECEIVING AND SENDING

1921

Number.	Date.	From or To	Subject.
538345	1/3	Precision Equipt Co.	Fwds sample of ace receiver cord binding post. W. To 1/7
538346	1-7	To Wash	Re: 1st shipment of vandyke to Wash 1/3 2-3
538347	1-1	To Wash	Re: 1st shipment of vandyke to Wash 1/3 2-3
538348	1-7	To Comit Wash D	Re: 1st shipment of vandyke to Wash 1/3 2-3
538349	1-7	To Comit Wash D	Re: 1st shipment of vandyke to Wash 1/3 2-3
538350	1-7	To Comit Wash D	Re: 1st shipment of vandyke to Wash 1/3 2-3
538351	1-7	To Comit Wash D	Re: 1st shipment of vandyke to Wash 1/3 2-3
538352	1-7	To Comit Wash D	Re: 1st shipment of vandyke to Wash 1/3 2-3
538353	1-7	To Comit Wash D	Re: 1st shipment of vandyke to Wash 1/3 2-3
538354	1-7	To Comit Wash D	Re: 1st shipment of vandyke to Wash 1/3 2-3
538355	1-7	To Comit Wash D	Re: 1st shipment of vandyke to Wash 1/3 2-3
538356	1-7	To Comit Wash D	Re: 1st shipment of vandyke to Wash 1/3 2-3
538357	1/2	Chicago Tribune (P. E. Pfeiffer)	To Lowenstein Co 2-4 reqt expedite Lowenstein Co. Fwds booklet of vandyke. 2/15 W To Wash 2-26 Shipt order from Wash to Darien 8/24 8619 15th Dist- (T) Rest immediate shipt of high speed key contacts. 10/6 W To Wash Reqt parts as listed to be provided and distributed as listed W To Wash- Gives modification 10/12
538358	1/2	Chicago Tribune (P. E. Pfeiffer)	Subm request to purchase receiving set W. Fwd 3-A 1/6
538359	1-10	To GE Co	Gives comments on development of trans-W

RECEIVING AND SELLING

1920

Number.	Date.	From or To—	Subject.
535561	9/23 12/17	Ad Survey 3d Dst. SAA	Sum list of surplus transmitters with recommended ones covering selling price. Fwd SAA 12-27
535544	12/16,	Western Elec. Co.	Development of 1 type tubes—modification of present type to incorporate requirements made be Bureau not practicable. W.
501795	12-21	To SAA	Reqt shipment of ten radio receivers from Washn to Fwd. Sd for install TXAS BY ARK EXAMING and L. M. W. W.
		To SAA Reqt shipment of receivers from Per end to CO TEXAS 9:60 12/14/21	To SAA reqt shipment of radio receivers from Fwd et Sd to Washn. W 12/21 RB 3-7 Washn—Material received. 11/30 W.
525390	12-20	To Ship Bd.	Gives info rel transmitters designed for length range of 2000 to 4000 meters which will be supplied Ship Bd. W
TO CARD 320		To OHIO—test of circuit 2-24 To Wash- 3-8	To War Dept—rel wave lengths to be used in arc transmitters. W 12/20
		Washn—Fwds specns for motor genera- tor set for current transforming circuit in arc also correspondence with Crocker Wheeler Co. 3/23 W	To Wash—Fwd design problem 122- 12/20 To Dark Gives info. 12-23
		Washn—Fwds material shipt to OHIO. 4/22	Washn—Fwds print. 12/31 W.
536028	12/18	Internatl 3/7/Co.	To Wash 2-12-21 As if method has been developed for reeve undamped waves, which is better than heterodyne. W To 12/30
535863	12-22	To Federal Tel Co	Fwds data in conn with bids on arc trans for scout scr lars W

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RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.
536373	12/22	Communications	And request of British radio station at Lissau Lichnos; for radio apparatus. f. c. 12/30 red Comm 1-29-21
535859	12-23	To Washington	Request to design an arc trans capacitor for del 20 miles to a 9 in antenna having resistances as list. W. To Washn. Request design problem 120 be cancelled. 8/6 W.
535860	12-23	To Westinghouse E. I. Co	Desires to obtain four radio transmitting capacitors of trans reliably or reception on Navy Sta receivers distance of 1800 miles etc W
1800 miles 1-15	12/18	W	radio trans for std receivers of
GE Co 1/24	1/24	W	receivers distance of 1800 miles etc W
To GE Co 1-28	1-28	W	GE Co. - 1/4 W. To Westinghouse Co 1-28
537027	12/27	Washington	To GE Co. request rep of Co con or rel Washn. and specifications for ballast W
537693	1/3/21	To Direc Naval Intl	Request data on Prague station W Naval Intelligence 1/3 W. Nav Intel. - Rds copy of report on station at the Prague. 1/31 W
537662	12/30	Internatl E/T/Co.	Was copy of letter from Federal Co. grant stating Govt. never granted right to grant others privilege of making and selling to others device covered by Paulsen patents. W. To 1-7 To Internal Co suggests conference 1-29-21 Copy of letter to Dept in con. with requisition 235 for wireless transmitter and receiver to be purchased in England. W.
Internatl E/T/Co.	1/7	W	
At Bureau 1/7	1/7	W	
537628	12/30	S&A	

R/C & SENDING

1920

Number.	Date.	From or To—	Subject.
531155	11-27	To Comdt Washn	Authorizes design problem 77- high frequen vacuum tube generator for low and medium power- W
	2-7-21	To Washn	Washn. ands outline of situation 12-22 To Washn auth manig 2-5-21
531573	11-30	To CO OHIO	Problem 10-A study of break key system. Report being made- reqst install and tests as outlined W
531578	11-30	To SGA	Reqst submit of keys for Ba tn to Washn W RE 12/23 serial 5360
531932	11/27	Internatl R/ T/Co.	Request information as to how strong Arlington set is received under severe static conditions. W. To 12/17 Internatl R/ T/Co. 12/23 W
523355	12-6	To Comdts Im's Europ Forces	Renewals for crystal detectors- Reqst. W Washn confirm requirements of renewals to actual needs W
532599	12-9	To Comdt Chasn	Reqst vandykes and burints W Washn. - 12/15 W
532601	12-9	To Comdt Puget Sd	Reqst vandykes and burints W Eng. M. P. prints 12/22 W
532557	12-9	To Comdt Washn	Reqst vandykes and burints W Washn. - was various prints. 12/22 W
532603	12-9	To Comdt Washn	Washn in comp. phone conversation of 12/7 specifies for 10 w trans vacuum tubes W

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.
533870	12/8 12/9	Board of Sale Post S.A.	Ask if will authorize purchase of wireless set to S.C. Collier, purchaser of CICAM. TE. W Snd S&A 12/14
534184	12/10	S&A	Request 1/2 VT radio sets be declared surplus and sale of authorized. W. To S&A no objection 12/17
534204	11/27	Mare Island	For reports on analysis of magnetic frequency of arc converters. W.
533607	12/1	To Wash Washn- gives job order no. 101. 2/1 W	Request estimates for mfg of receivers W Washington- Subm estimates 1/12 W To Washn auth manf 1-24
533608	12-13 12/20	To Bar Harbor Bar Harbor 12/20 9th Dist. 12/20 Washington 12/22 Report on test. W	Request info rel trans efficiency of simplex and multiple tuned shore station antennas. W at Washn and Anacostia 12/13 To Comdt Great Lakes 12/13 To Washn 12/14 To Anacostia 12/14
534576	12/9	Washington	Snds print showing filament rheostat for amplifier. W Snd Mare Island 12/16
534328	12-14	To Intelligence Intelligence 1/26	Alleged illicit sale of radio vacuum tubes by personnel of navy. Snds copy of letter from Radiotron Mfg Co to Radio Corp. W 12-13 To Intell 2-2-21
TO CARD 309	Nav Dist 1/29	Notes action from 5th To Ship 2-2-21	Assignment of type number 1759 to copper flour brush for 2 kw arcs. W Washn- Snds drawing specifications of brush. 12/31
534825	12-17	To Comdt Washn Washn- Snds drawing specifications of brush. 12/31	GE Co request instrns rel to boxing of spare 629 parts for transmitting equip. SW
51452	12/14	Insp. GE	
533608	12/14	To Comdt Wash	Request yard transmit on schedule outlined 896

RECEIVING AND SENDING

4050

Number.	Date.	From or To--	Subject.
530111	11/18	Washington	Possibility of utilizing improved type P pilots in model to transmitters - request same be investigated. W
529486	11-20 12/3	To France Mfg Co. France Mfg. Co. - Recommendations -	Request info as to battery boosters for charging purposes, in conn with receiving equipment at radio stations W France Mfg Co - request info as to requirements - 11; 23 - To 11/30
529889	11-20	To Washington	Request prints be fwded W Washn- FWS Instrn for testing vacuum tubes. 12/6 W
529887	11-20	To Lowenstein Radio Co. 1/10 W.	Request info re relay designed by Co. W Lowenstein Co - Ask if shall hold instruments pending bureau instrns. 12/28. W. To 10/10/10 Co 1-12
520389	11/19	Communications	In British Army radio operators have individual head phones - gives advantages of. W.
529896	11-22	To War Dept	Request data on amplifier, as designed and operated by H.O. Batsell W War Dept - 11/27 W
530419	11-26 Atlantic Fleet 12/24 Bures 12/21 5721	To Atl Fleet Atlantic Fleet 12/24 W Bures 12/21 5721 to CO PA	Head telephones, individual, for radio operators. Request comments and recs W co. Commun. Atlantic Fleet - 11/30 W. To Atl Fleet 12/21
530418	11-26 GE Co. 11/29 W. American R/R Corp 12/4 W GE Co. - Station cby tubes. 1/26 W	To Firms GE Co. 11/29 W. American R/R Corp 12/4 W GE Co. - Station cby tubes. 1/26 W	Request comments or suggestions on dimen and constants of tubes of sizes given W American R/R Corp 11/29 W De Forest Co. 11/29 W cannot furnish. W. To GE Co 2-3-21
530412	11-24	To Norfolk Norfolk - Station cby tubes. 2/1 W	Request yard sum estimate for repair of trans sets W
531581	11-30	To Norfolk	Advise disposition made of radio trans panel also data re turning over set to John Pros. 12/17 RB 1-12 RA 1-12 30.

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RECEIVING AND SEND G

Number.	Date.	From or To—	Subject.
531156 5	11-27 Wash. 8/8 W. 3/11 W	To Washn Prints listed, fwded to Bur. To Washn appvd 3/15	Design of high frequency vacuum tube gen Authd W To Washn—advise status 1-29-21 Washington 2/16 W. Washington 2/16 T To Washington 2-15-21
531543 c	11/26	Radio Corpn of America	Drawing RW-46-F-212 and RW 46-A-214-B covering receivers—request identify. W. fwd Wash 12/1 RB 12/8 W. To Radio Corpn of America action 12-11
496363	FROM CARD 291		Pacnet Elec. Co. 11/27 W. To 12/2- Pacnet Elec. Co. Will wind coils to fit Navy specifications. 12/13 W
531154	11-27 To Washn 4/27 To Wash 7/27/21	To Washn	Authorizes design problem 117—barrege tuning unit for rec equipment W Washington 1/21 W. To Wash 8/26
531153	11-27	To Washn	To Washn 1-35 Auth design problem 29—long wave rejector W To Washn fwsd letter from USMRL of 11/16 12/9
531129	11-27	To T. Johnson Jr.	Returns paper on naval vacuum tube trans Reqst subm corrected manuscript. W
531157	11-27	To Comdt Washn	To Air Intelligence fwsd Tube transmitter 3/29 Assigns equipment to rec equipment for short and medium waves. W

REC & SENDING

1920

Number.	Date.	From or To -	Subject.
529262	11-12	To Bur Standards	Assignment of problem 92- distant control by carrier wave systems. W
529269	11-12	To Norfolk	Req info re Stahl rectifiers for operation with 200 volt cycles on hand Ltr: 11/20 W
529837	11-13	To Norfolk	Telephone conversation reqstg info as to how many 20 KW arcs available at Norfolk Ltr: 11/20 W
529843	11-15	To Comdt M. Island	Reqst drawings and instructions for 12 kw Fed arc installed at Bar Harbor. W Ltr: Stahl wave valves. 11/29 W
459358	from card 255		fwd S&A- 11/16- W
529359	11-17	To Comdt M. Island	Fixing auto relay. Problem 45-B In conn with Reqst estimate. W To M. Island re. st expedite 12/21 Ltr: Is. and- 12/29 W.
529484	11-17	To Comdt M. Island	Radi arc trans set to be converted into motor input of 125 volts. Reqst estimate W copy to ad

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
529751	11/16	Washington	Fwds prints showing amplifier. W.
529580	11/16	Bur Standards	Request authority to release reports on progress of test of 3 power tubes from confidential st. bus. W. To Bureau Standards 11-26
529720	11/16	Radio Corp America	Request instrns rel to maximum capacity of secondary condenser. W. To 11-18
529483	11-18	To Comdt Washn	Request sub estimates for radio arc trans set. Red contract 800 and 120 kw volt. did not get it. With 29954 for motor for station SCOT. CUI. is now building W. To Washn request info 1-25 4-5-6
529921	11/17	I. W.	Ask if can use motor generator on hand. 2/1 W Request vandykes listed of High speed key system by Arnold. W. T. H. NY fws plans 11-29
42141	11-13	Inspired	Requests design of chopped circuits panel for reinstating its deck with sketch covered SW 629
530097	11/13	Pacr. Radio Sup. Co.-	Consultation to ability of Co. for manufg of vacuum tubes. W.

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
526727	10-29	Radio Corp of Amer	ask if will authorize construction of receiver for North Carolina State College; W To— no objection 11/5 Radio corp of America— 11/11 W.
526715	10-25	Mar 18	Copy letter to Pearl Harbor in conn with precautionary measures for prevention of damage to arc magnet windings on high power arcs; W
526435	11-3	To Co dt Wash id	Request research on special type transmitter coded universal amplifier be undertaken by Ward. Desires Irq 43 To Wash 6-11 Washn.— fws pencil sketch with comments. 6/28 W
526810	5-14	Pacific Radio Supplies Co	Request test of their new type detector tubes; Pacific Radio Supplies Co; fws sample tubes; 8-10; Pacific Radio Supplies Co. fws new type electronic relays for test 11/9 W.
527801	11/7	Westinghouse E/M Co.	Ballast pumps to protect radio vacuum tubes— request give consideration. W To Washn 11/8 W To Washn 11/2 Westinghouse E/M Co. Request reply to letter of 11/7 W 11/7 12-14 W
527168	11-8	To Anacostia	Request investigation of special type vacuum tube trans apparatus which can be used for trans of distress signals W— problem 90 To CO Anacostia— 11/8 11/8 Rel problem cancelled 11/8 11/8
49333	11/5	Wash	Recommendations covering acceptance tests 629 for transmitter constructed by W. Co.

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
468772		FROM CARD 268	De Forest Co. 11/5 W. War Dept 11/5 To GE Co. 11/28 tubes 10/28 GE Co. 11/2/22 W
527948	11/5	W. J. Harrington	Ask where pamphlet covering instrns for 2 kw arc transmitters may be procured. W. To Ship Bd. 11-13 Wds
527618	11-9	To Washington	Desires cover flour brushes for 2 kw radio arc sets to be carried in stock at yard for issue to various cards W To Ship Bd. re: action being taken in conn with operation of 2 kw sets 11/9 To GE Co. 11/5 W. GE. gives data on opern of 2 kw sets of radio arc sets 11/10 Washington 11/3 O W. Nora. 2/11. Request brushes for 2 kw to Nora. For shipment of brushes 2/23 W.

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
524877	10/22	Westinghouse E/M Co.	Receiving tubes— ask just what Navy will require in their specifications and what tests will be stipulated. To Washn 11/1 W. To Westinghouse EM Co 11/10 W. Westinghouse E/M Co— asks if specifications covering receiving tube can be arranged Request approval of use of two vacuum tubes from stock for use in conn with continuous wave system set. W. To Chas 10/30 W. Ports 12 8 W. To Ports 12/14
525003	10/22	Ports.	
40714		611 C RD 321	To Western Elec Co— Request detail info re cc Washn 10-23 W. Western Elec Co. 10 tubes shipt 12/4. 12/10 W. To Western Elec 1/7/25 To Western Elec 1/20 Western Elec Co— 10 tubes shipped by express to Washn Dec 8th—12:22-W To Western Elec Co— request shipt of vac tube be expedited 1-25-21 Western Elec Co. 1-25-21 tube. 1/26 W. — known one burnt out
50715	10-25	To Washn	Change in receivers for little ship W. To Washn 11/19 W. E. M. Co. 11/19 W. To Washn plan appvd 3/21/21 Washington 3/24 W
515766	10-28	To Phila	Radio code transmitting wireless code by To Phila 11/4 W
51577	10-8	To Phila	Radio code transmitting wireless code by To Phila 11/4 W

RECEIVING AND STAMPING

1930

Number.	Date.	From or To—	Subject.
525557	10-26	To Washn	Transmitting set of latest revision of plan 1. Approved Washington 11/9 W.
525591	10-26	To Comdt Wash 2-14-21 Washn. Fwds special report on investigation of arc current transmitting circuit 5/23 W To Comdt Wash 7/18 Washn	Radio tel. message Fwds notes on 1/1 Progress To Washn 11-20/20 Washn. Fwds reports 11/27 W Washn. Fwds special report. 12/9 W. To Washington 12/14
526134	10-27	Washn	Calls attention to photo in instruction book for arc transmitters being used by yards for arrangement of apparatus: same differs from Bu type plans: W To IM's Comdts Chd. Bd rel. install 11/1 Fwds plan showing high pressure water-tight buzzer: W Cory & Son. Request specifications cov buzzer. 11/12 W.
526098	11-1	To Lt. Esterly,	Ask if desirable for yard to undertake development of high power vacuum transmitting tubes: W To Washn. B's investigation be conducted 4/15-W
526810	11-2	To Pacific Radio Sup. Moorehead Laboratories.	Request sketches and descriptions of operation as shown on invention on loop aerial system. W Advise if company care to subm sample of radio apparatus for test

RECEIVING & SENDING

1920

Number.	Date.	From or To—	Subject.
521509	10-9	To Charleston	Advise condition of radio trans. on contract 40339 with Kilbourne & Clark, and if suitable for installn on Gunboat 22- C asp- Transmitter in stock suitable for installn on Gun Boat 22- G - 6. W. 10/14
522219	10-12	To Washington	Request vandyke and blue-line prints of Washn - Rws drawings. 10/22. W.
515819	FROM CARD 292		Washington - Rws report of test from A. L. White re: temp. rise and drawings. 10/9. W. Washington - Rws temperature measurements made on transmitting keys at Annapolis. 11/15. W.
522230	10/13	To S&A	Request shipment of amplifier from Washington to Norfolk W: AS-11-1: W
522764	10/8	Per. Sec.	Request disposition of receiver recd from S. P. O. S. To Regt Sd 10/18.
523355	see card 301		

898 - RECEIVING AND SENDING

Number.	Date.	From or To	Subject.	
522964	10/13	Bur Stand LabF	Changes in design of Western Elec. Co. Vacuum tube recommendations covering. W.	
522883	10/15	To Westinghouse. EM Co	Fwd's blueprints transmitting apparatus Westinghouse E/M Co. 10/22 W.	W
522877	10/15	To S&A	Request of radio amplifier from Washn to Bur standards. W. R 12-31	
522875	10/15	To S&A	Request of radio amplifier from Washn to Annapolis. R R 11/13 W.	
522231	10/15	To Harf.	Ask if in position to transmit on wave lengths.	
524271	10/19	Washn.	Proposed schedule for purchase of 50 watt transmitting tubes - recommendations. W.	
524270	10/19	Washn.	Request instrns re: to returning defective transmitting tubes to GE Co for credit. W.	
520956	10-22	To Annapolis	Fwd's copies of instructions for 2 KW arc radio transmitters Lav. Academy-10/14	W

Number.	Date.	From or To—	Subject.
20579	9/29c	Phila.	Radio receivers type 143 - instrn panels - request 25 W. Supt order from Wash to Phila 10/5 RB 11/9 W
20559	9/27	Mare Island	High speed keys- request latest drawings. W. To - 10/14
457793	FROM CARD 290	Washn- Report on retesting of re- jected vacuum tubes. 5/26 W Washn. Fwds copies of specfns for transmitting tubes and power equip 8/11/20 W.	fillment contact Globe, with recommenda- tions 9-29 22 Co. Sub. to all co. qts with print. 10/8 W. 22 Co. Sub. to all co. qts with print. 10/11 W. Westinghouse E/M Co. 10/20 W. Bur Stand. Lab. Fwds report on proposed specifications for vacuum and transmitting tubes. 10/20 W. American R/n Corp- Have no suggestions to make. 10/21 Fwd Washn. re test comments 11/1 (enc Dr Miller's report) RB 12/24. W To Amer R/n Corp 11/2 rel rep attt ding vacuum tube co. reference- To Washn. auth test 11/2 sub by Westg Co American R/n Corp 11/4 GE Co. Comments on. 11/5 W. To Western Elec Co 11/9 W. To Amer R/n Corp 11/9 To Dept of the Interior 11/9 To GE Co 11/9 Fwd Washington 11/11 RB 12/23 To Amer R/n Corp will test samples if subm 11/20 Washn- Report on test of Westinghouse E/M Co transmitting tubes. 12/9 W To Westinghouse Fwds test 12-27 To Washn 12/31 Westinghouse E/M Co. 12/29m7. To Washn 1/1/21 To Washn 1/1/21 To Washington 5-9 auth for GE Co send engr to Wash. W

REC & SEEDING

Number.	Date.	From or To—	Subject.
520293	10/5	To NY	Rel location of 5 kw arc trans sets W N.Y. 10/9 W.
520640	10-6	To Norfolk	Experimental work on recept. ts and auto starters. conc of. Reqt comments W
520964	10/7	Washington	Subm recommendations covering remodeling of receivers. W
Washn status of receivers 11-30-W		To Washn 12/18	To Comd Washn 10/20
To Washn 11/18		To Washn 12/31	Washington 11/29 W.
61 Washington 12/30 W (2)		To Washn appvd 11-28	
521051	10/7	Washington	Request information as to constants of antenna as on which spark tube transmitters developed by our standards labr. will be used. W
Design of tube transmitter-subm description of with print 12/9 W		To Washn 1-28	To Washn fnds constants of antennas 10-10 Washington 1/3 W.
To Washn 1-31 W		instrns 4/20	
521247	10/5	American R/R/Corpn	Encs drawings of quenched gap. W To rec report of plan 10-53 American R/R/Corpn 11/6 W
520855	10-7	To S&A	Reqt shipment of radio arc trans sets from Norfolk to Annapolis RB 11/11 W. To Annapolis- rel shipment 10/11 copy Norf Norf-3/23 W. RB 4/4 W
521216	10-8	To S&A	Have no objection to sale of Marconi trans W set ex USS Diana.
521218	10/7	To S&A	Reqt shipment of radio apparatus from Washn to Charleston W RB 4/11 W

RECEIVING & SEEDING

1920

Number.	Date.	From or To	Subject
518430	9-23	To S&A	Request shipment of receiver from Washington to Phila. W. 11/18 To Phila (T) radio rec for KANSAS expressed Sept 22 9/23
518432	9-24	To Washn Yard	Modification of SE 1600 audio frequency amplifier for experimental work. R 10/6 W Washington 9/22 W.
518436	9-24	To Bur Standards	Problem 28- acceptor rejector for small vessels- Request report covering Bur Stand Labr- Comparison on efficiency British and U.S. rejectors. 9/29 W.
518435	9-24	To A. Crossley.	Acknow suggestion subm covering radio underground receiving system. W
518434	9-24	To Washington	Rel test of Automatic Elec control valve for alcohol feed on radio trans arcs, as mfg by Automatic Switch Co. on 11/15 W. Request reopening of test problem 26 10/8/20
518432	9-24	To S&A	Request shipment from Washn to NY radio ampli serial 4508 W
519111	9/23	To Phila.	Request instrn book for radio receiver. W. To Washn 10/4 Wash; fwsd copies of instrns; 11-1; W
519261	9/24	CE Co.	Request official permission to manufacture 15 heavy type radio receivers for Filipino Govt. To CE Co 10/2
519467	9-28	To G.E. Co	Request data on lamps. G.E. Co. submit data on lamp; 10-30; W fwd Washn 11-19 R3-11; 26-W To Har. Bv. Request inform re number 12-11

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
✓ 519993	9/29	Crocker Wheeler Co.	5KW arc sets- ask if insulat. on test called for on generator windings be modified. W.
	To Washn 11/8		and Washn 10/4 : RB 10-25: W
	Washington 11, 25 W		To — gives info re specs 10-27
✓ 520082	9/29	Phila.	Crocker Wheeler Co; 11-1: W
Phila. 10/20	W.		Marble DC motor power sets- 45 in stock and still due. Request instrs rel to disposition.
	To Phila 10/1		IN. H. motor set has been installed on board ~~10/8~~ 1-E-C. W.
520317	9/30	Morri.	Edw's letter from Y.M.C.A., Brook ² requesting description of Simon radio set. W.
			To YMCA. 10/9
520384	9/4	Fed. Tele. Co.	Edw's photos of new 100 KW set. W/
	To Fed Co 10/7		Fed. Tele. co.- Subm Co's understanding rel. to situation at Darlen. 10/15 W.
✓ 520299	10-4	To Comdt Washn	Modification of amplifier SE 1599 for expr work in conn with r/d pilotng cable W
			To S&A- Rqst shipt from Washn to Eur stand. 10/15
			Amendment of 1/21
			Washington 12/1 W.
520295	10/4	To Great Lakes	Info concerning arc sets on hand. Advise if can spare them
✓ 520296	10/4	To Comdt Washn	Great Lakes - Arc set is available. 10/11 W.
			Auth mfg of wave met rs W
			Washington 10/11
520895	8/5 old no.	S&A	Washn recommends standard stock of vacuum tubes be increased 600-3
			S&A- Rqst action. 9/2 W

ACTIVELY & PENDING

1920

Number.	Date.	From or To—	Subject.
✓ 515838	9/11	To John Firth	Sends copy of report of test of "McC. " apparatus. W
✓ 516559	9-15	To CO Air St. Anacostia	Design problem 111- class B remodeling type SE 1244 receiver for use in con. with type SE 1505L amplifiers/ Anacostia- Report of test of single circuit receiver. 9/29 " W
✓ 517008	1-25	Int Radio Teleg Co	Request info for their instruction book; W
✓ 517550	9-15	Grocker-Wheeler Co	Request specifications for arc radio transmitting equipment; W To. fws 9/18
517634	9-18	To Mare Island (T)	How many radio amplifiers in stock wire reply W Mare Island- (T)- none 9/21 W.
517567	9-18	To Boston	Advise exact number of vacuum tube storage batteries in stock at this date R-10/13 W.
715 517714	9-16	Washn To Wash 6-14	Problem 51: wave indicator for 2 kw. arc transmitter; reports on test; W (Meters, Ave) To Washn 12/1 To Wash 5/20 W. 50 watt transmitting tubes- submitted by Washn. Elec. probably #60- this report. W
CARD 349 516877	9/11	B r Island Labr	

898 RECEIVING & SENDING

Number.	Date.	From or To--	Subject.
517839	9-16	Phila	Instruction books for radio receiver; request supply of: W To Phila 9-24 To Wash 9/24 Washington 10/4 W.
517827	9-17	Amer R & B Corp.	Amrad quench gap; fnds bulletin; request orders. To A. or R. B. Corp. 9-25 American R. & B. Corp. fnds catalog showing Amrad products. 10/2 W.
518262	9/14	Chicago & N.W. Ry Co. M. W. Carnell-	Ask if any receiving sets for sale. W. rd SEA 9/22
477953	(from card 270)		N.Y.; material is being delivered directly to N.Y. yard by contractor; 9-17: W Gang of 9/21/20 SEA - lot of buzzer sets ready for shipment to Phila. 10/5 W. 889 ✓ 15. Main- Recommends no other restrictions be placed at this time. 10/13 W.
518774	9/21	Washn.	1420 C Receiver - fnds prints. W.
518427	9-23	To Phila	Confirm phone convey Bur auth ph instal amplifier on MICHIGAN also will make shipmt of rec for KANSAS. W

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
✓ 513576	8/25	J. C. Rogers	Reports sending radio receiver to Washn. Enclosing receipt. To J.C. Rogers—acknow 8/30	
513606	8-26	To S&A	✓ Request shipment of radio apparatus from Boston to Newport. W. RB 9/11	
✓ 513636	8/20 8-24	Hammond Resch. Lab. S&A	Quoted prices for 4 receiver and transmitter units of the Hammond Signalling system. W. Fwd S&A 9/1	
513695	8-26	To S&A	Request shipment of trans appr. from Tuckerton to M. Island W. Fails. 9/25 W.	
513613	8-27	To S&A	Request shipment of radio appr from Washington to Dept. W.	
✓ 45217	8-21	Pac Radio Supplies Co.	Request test of vacuum tubes be made lest rigorous	629
✓ 514178	8-27	Internatl R/W Co.	Re shipment of audtl magnavox transmitter. W.	
✓ 514527	9-1	Fwd S&A	E.J. Simon—information re award of contract to Maricopa Navy Co for sale of radio trans during June 1920. Did not make award to Co. Request advise E.J. in re to. W	

RECEIVED & SHIPPING

1940

Number.	Date.	From or To--	Subject.	
514021	8-21	To Washington	Spare parts for force tune system- instructions of repair. Submit O. Washn- Subm estimates. 9/29 W. To Washn 10/30	
514527	8/27	B. J. Simon Co.	Request contract number covering radio transmitters ordered from Wireless Improv't. Co. W.	
512463	8/31	Boston	Ask if Bur Authority is required for issue of vacuum tubes.	11.6+Q-6
514894	8/31	Western Elec. Co.	Vacuum tubes; summarized situation on development of W.	
515820	9/9	To NY	Radio telegraph stations Sayville heating of high speed keys. Request report covering experiments made by Rad. Co. W. Report on test/ 11/22 W.	
515819	9/9	To Washn.	Request report covering heating of high speed keys for install at Annapolis. W	
PC CARD 296	Washington- 9/27 Annapolis 10/2		Washn.-Request Annapolis make certain tests in coin with. 9/30 W.	
515829	9-10	To Washington	Rads copy of OHIO special radio report W	
515828	9-10	To Washn.	Correction of drawing. W Washn- Eval prints by messenger. 9/18 W.	
508756	8-28	M.I.	Subm report on copper bl. ing of high speed keys	852

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
511543	8/13	Lowenstein Co.	Request Bureau assistance in securing payment from Wireless Specialty Co. covering drawings of gaps furnished. W. To Lowenstein 8/26/20 Lowenstein Co. - Status commercial matter beyond control of Bureau. 9/7 W To Lowenstein 9/11
511520	7/28	Pearl Harbor	Fyds special report covering Andrews 3 loop balanced circuits and radio frequency amplifiers. W.
511956	8/14	C.E. Co.	Specifications and test on receiving tubes - request be furnished. W. To CC 8/21/20
512157	8/16	Lowenstein Co.	Request instrns rel to preparing bills cov development of short range static interfleet transmitter. W.
10-29: W		Lowenstein Co; request instructions;	
To Lowenstein Co 11/5		Lowenstein Co. 11/5	Lowenstein Co - request action on letter of 8/16 9/24/rw.
To Lowenstein Co 11/5		Lowenstein Co. 11/5	
511599	8-18	To Washn	Considers problem 40 test "Brown" head telephone completed. W
512428	8/16	Wilcox Labr.	Request be placed on mailing list for purchase of radio apparatus. W.
512531	8/19	Westinghouse E/M Co.	Ask if can obtain for experimental purposes arc converter W.

REC& SENDING

Number.	Date.	From or To--	Subject.
512814	8-23	To S&A	Reqt shipment of radio trans sets from N.O. to M.I. W RB 10/14
512815	8-23	To S&A	Reqt shipment from N.O. to Chas radio trans sets W RB 10/7
512812	8-23	To S&A	Reqt shipment from N.O. to N.Y. radio trans sets W RB 11/14
513412	8/24	Westinghouse E/M Co.	Request 2 W arc converter be shipped to East Pittsburg W.
513424	8/23	Palla.	Problem 72- spark tube transmitter developed by Bur Standards Labr- reports on. W.
513154	8-25	To S&A	Reqt shipment of phones from Norfolk to Bureau Standards W: RB 9-15; W
513153	8-25	To S&A	Reqt shipment of radio amplifiers from Washn to M. Island W RB 1/3/21
513160	8-25	To Norfolk	Confirmation of telephone conversation re replacement of radio receiver on board EAC 12 34. W
513157	8-25	To S&A	Reqt shipment of radio trans set from N.Y. to Westinghouse W RB 10/1
CARDhold. transmitter another month- 2/28 327 To Westinghouse E/M Co. 8-23 To Western Elec Co. 7-12 To NY 7-12			To Western Elec Co. asks rel return of the set loaned company. -1-31 error to Westingh use. To Westinghouse 7-12 copy NY

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
✓ 509629	7/31	Westinghouse Lamp Co.	Acknowledges report on minutes of vacuum tube conference held 6/16 W.
✓ 509804	8/4	San Domingo Copy	Request ship gaskets for quenched spark gap. W.
42141	8/2	Washn	Report covering investigation and operation 629 of spark arc transmitter sub by Federal Co. W.
417767 from 226			✓ To L. A. Hazeltine- fyds patent office letter of 8/7/19 action taken on patent 8/4 L. A. Hazeltine- Considers... of entering in specific sub division. 8/26 W To L. A. H- fyds paper- 8/31/20 L. A. Hazeltine- Further data. 9/8 W. ✓
510231	8/5 8/6	Egr Stand. Washington	Request one CW 936 drawing complete, be furn. W.
510293	8/5	Phila	20 kw arc radio transmitter, reqt instrns book. W To Phila. fyds in 8/9

REC & SENDING

Number.	Date.	From or To—	Subject.
✓ 510207	8-9	To Wireless Spec Appr Co.,	Reqst verification of info recd rel spark gap supplied U.S. Fruit Co by J. Simon of Wireless Improvement Co and installed on SS LIMON. To NY. Reqst fwd info rel above 8/9 con DRMO NY Wireless Spec. Appr. Co 8/15 W To Wireless Spec Co 8/21 N.Y. 8/23. Encls drawing, giving detail. 8/23 W Topical Radio Co. - Encls Report on spark gap. To Trowbridge & Co. Encls report. 9/11 To Firms. Encls specfns 8/6 To Firms (a) 8/20 rel cleaning specfns covering trans tube filament volt 12 instead of 18 s previously proposed. W Westinghouse Lamp Co. - Will subm samples in 2 weeks. 8/17 W. De Forest Co. - Refuses. W. 8/21 American R/A Corp. - Will advise later. 8/21 W Testing house C. - Will submit sample 9/10 8/21 W Asks - 8/23 - (T) no objection to changing filament. 8/23 W. F. Conrad (T) - No objections to changing arc. 8/23 W. American R/A Corp. - Will submit samples in 6 weeks. 8/23 W. Western Elec. Co. (T) - No objection to 12 Volts. 8/25 W. To Bu Stus - Reqst comment be submitted 9-29 Encls vandr. covering instrns on 2 kw arc transmitters. W.
5 467793	from card 252 Dec 89 1/2	CD Co. - Radio Corp. of America will subm composition. 8/26 W To Washn. Reqst comment be submitted To Amer R/A Corp Reqst comment be sub 9-29 To G E Co Reqst comment be subm 9-29 To Western E Co Reqst comment be sub 9-29 To Westhouse Reqst comment be sub 9-29 To Deforest Tel & T Co Reqst comment be submitted 9-29 To Bureau Standards 10/2 To Washn. Reqst comments 9/29 To GE Co 10/1 De Forest Co. 10-1 W. Westinghouse E/L Co. 9/30 W. American R/A Corp. 9/30 W. Bur Stand. 9/30 W. 8/11 Fed. Tele. Co.	
TO CARD 295			
511079	8/11		
511261	6/29 8/11	N.Y. Naval Militia 3d Dist	Reqst wireless apparatus be furn. W. fwd NY 8/19 RB 9/9 W fwd Comdt 3rd Dist 9-22; RB 10-28; W 3d Dist - Tracer fwded to Naval Militia N.Y. 10/13 fwd Comdt 3rd Dist 11/5 RB 11/19 W. 3d Dist 11/11 RB 12/11 W To Comdt 3rd Dist 12/17

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
480737	FROM CALD 292		See- Copy of letter to Fed. Co. 7/28 W. Letter from Fed. Co. in conn with notifications of contract for arc trans. 8/12 W and 8/13 9/3 See- have total releases to 4/20 9/8 W. to "shn-70" to be under "shn" at present 7/18/20 W
✓ 508435	7/29	OF OHIO	See- or Modulator for use. I have radio transmitted for use in 1920. See- or to Wash. re: investigation of "8/1 and CO OHIO 11-13 11/20 W. 9/27 W
✓ 508467	7/29	W. L.	Report on subject of Cooper Lassar sets to line related to "8/12 W.
✓ 508557	7/29	Western Elec. Co.	See- relative to electric lines for "8/12 W. and 8/13 W.
✓ 50877	7/29	W. L. 1-11-12 W.	See- relative to "8/12 W. and 8/13 W.
34287	7/30	To Inspr OH	Rel to claim of Submarine Co. for reimburse- ment for development costs in conn with amplifier. 629
508715	7/29	American 2 /A/Copa.	Suggest Bureau endeavor to secure delivery of nickel silver from American Brass Co. providing order is placed with Chandler Co. for diala. W.

RECEIVING & SENDING

1920

Number.	Date.	From or To—	Subject.
508292	7-31	To Anacostia	Aviation. - Junker type all metal plane, radio equipment to be installed in. Request W C.R. Copy of action to Anacostia. 8/7 W.
508805	7/24 MI 6/22	Mare Island W.	Request authority to issue addtl stg batteries for vacuum tube circuits to Destroyers. W. To M. J. 8-11 MI - 8/26 W/ MI - 8/21 W W MI 3/28 W W W. J. T.
509230	8-3	To GE Co	
45712	7-31	Washington	Request disposition be obtained from 629 Sperry Co. covering defective receivers. S
509205	8/2	Bd Survey 3 Dist	Fwd's copy of letter from Internatl R/W/Co. requesting authority to purchase quenched gap. W.
509230	7/29	G. E. Co.	Request print covering details of name plates. W.
509367	8/3	G. Martin	Request drawing showing receiver and connections for audion. W.
509579	7/22 8/3	Bar Harbor 1st Dist	Cooperative transmission test on combined spark tube transmitter & report cov. W.

RECEIVING & SENDING

1920

Number.	Date.	From or To—	Subject.	
506384	7/13	Radio Corp America	Have not yet received receiver which Bureau is loaning; ask for shipment. W. To Radio Corp. 21 shift 7/24	
506076	7-21	To N.Y.	Request and revision of sheet 8 of drawing RY 34F 133 loading coils. W N.Y.; 7-27: W	
42141	7/19	Wash	Forwds report of test of proposed cheaper circuit for 2 k.w. arc transmitters submitted by Fed Tel Co; SW	529
506358	7/21	To N.Y. El. Work Bdr Harbor Armadillos C. IO	(T) R 1 test 7/22 on 30 kw arc with special 90% univave key.	
507125	7/23	Washington	Gives new set of specifications for vacuum tubes. To Comdt Washn. appvl 8-6	
504898	7-23	To S&A	Request shipment from Bur. Standards to Tuckerton tone wheel complete with auxiliaries. W	
506962	7-23	To Callophones Co.	Gives info re receiver head sets with which trans must be used have an alternating current resistance of 45500 ohms and direct current of 4400 ohms. W	
506373	7-24 To Washn. 9/9/20 Washington- on list of receivers	To Comdt Washn. Was shipment to recd 10/6	Request tests on design problem 106 covering improvements in design of type SE 36.0 battleship radio receivers Washn- Design problem 106 - comparative test of receiver - Was van Dyke report, 8/30 W	

N. S. E. Form 134.

RECEIVING AND SENDING:

Number.	Date.	From or To—	Subject.
506967	7-24	To S&A	Regst sub mt of radio apparatus f on F.S. B to Washington RB 8/4 W
507126	7-26	To Panama R.R. Steamship Line.	ackow letter from A. Monthle radio operator on to rd instructions booklets for radio & or installed. Regst advise if booklets originally supplied lost or damaged W 7/16 A. Monthle re: t within diagram or print of Navy sea trans set with charging panel W 821 S&A Callroom Co. 7, 28- ..
507911	7-27	Fed Tel Co	Re: wiring diagrams of 2 k.w. arc trans- mitters showing generator field; W
507924	7-28	To Marconi Wireless Co	Re: sub mt of vandykes of booklet radio appar tured and under contract 7/30/14 W Radio Corp of America- 7/30 W. Re: sub mt. - 1st further search be made for vandyke booklet; was submt and paid for 9/1 W
507926	7-28	To S & A	Regst sub mt of radio vac tube detector and ampl from Washington to Puget Sd. serial 3841 Pw: Sd. Request authorize withdrawal of ampl ifiers from stock for Westport Camp Sta. 10/5 To Puget Sd. auth 10-16
508241	?	Martin	Request print wiring diagram receiver: To-- Unable to handle and regts from S. Hig Ed vessels 8-4

RECEIVING & SENDING

1920

Number.	Date.	From or To—	Subject.
505021	7-14	To C&R	Radio telegram aviation wind tunnel at Washington request for use of. W Call 7/15 W.
505020	7-14	To Comdt Washn	Request subm design changes necessary to alter long wave receiver type SE 899 with recommendations. W Washington-Subm estimates. 8/6 W.
505337	7/13	War Dept	Washn- Fwas prints by messenger with estimate. 8/16 W To Washn- authorized motion. 9/1 Washn- Fwas report "Altered elements vs Washington- Fwas vacuum tubes", by A. E. Latterman: W.
505390	7/13	War Dept,	Fwas report on Western Elec miniature tube. W.
505248	7-15	To Comdt Washn	Request fnd recs rel improvements in high speed key type 1413 the desirability of this key has become apparent during operation of at Annapolis. W
505130	7-15	To Amer RA Corp.	To Washn- request info in re to problem 105-8/17 Washington- Fwas prints with recommendations rel to improvement in design of high speed key. 10/4 W Purchase of additional radio receivers are not contemplated at this time W American 7/15/20 W To Amer RA Corp. Fwas copy of report 7/21
505262	7-16	To Comdt Washn	Request subm design of new antenna tuning system and rejector for install on destroyers. W Washn- 2/2 W.

898 RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
✓ 505767	7-14	Westinghouse Lamp Co	Request additional copy of minutes of recent vacuum tube conference: W To Westinghouse Lamp Co 7/26
✓ 505783	7-16	J.H. Claus	Submits description of results obtained in tuning radio receiver circuits: W To Bur Stas. Reqt comments 8/13 Bur Standard Labr. Comments on 8/23 W To J.H. Claus- acknow paper 8/31
✓ 505265	7-17	To J.H. Hammond Jr.,	Advise if can make airc set of your secret radio trans and rec system of type demonstrated on board FLOIDA and ORAH. W
✓ 506236	7/14	Lare Island	Rdgs 2-TW transmitters tested by Washington office of <u>Ed. Tele. Co.</u> W.
✓ 502189	7/17	Ship Board	Reqt authorize Yards to place on board va. sals with new instrins, two vacuum tubes. 771-2
✓ 506077	7-20	To Bur Standards	Rdgs reports recd from Camp Alfred Vail dated 11/10/19 4/30/20- Reqt comments W RB 8/21 W

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
503429	7/6	"Wireless Improvement Co.	Planes exception to not being invited to conference of radio representatives recently held at Bureau. To— gives reasons 7-13
503763	7/7	Washington	Report on test of parts of radio apparatus for vacuum tube transmitters submitted to GE 7/13. To Wash. reqy return of material to GE 7/13 To GE— rel return of material 7-13
503752	7/7	Washington	Recd report on comparative test of vacuum tubes in service.
503812	6/29	Washington	Recd itemized estimate of unit cost of regenerating tube transmitters at Washington.
502986	7-7	To Fleets and Europ Forces 7/26 W Asiatic Fleet— Circ-Instructions in conn with re. action of high frequency buzzers 8/12 42121 6/28 Inspr Fed	Radio telegraph— high frequency buzzers to remain in receiving sets of vessels and not to be removed. W Re. St Action Atlantic Flt— Circular-Instructions to officers of Fleet. 7/16 W Submits Fed Tel Co's recommendation cov- 629 ering further change in design and equipment for 2 k.w. arc transmitters: SW
503877	7/7	Cutting & Washington	Ask if have any new or second hand 5 kW navy standard arc transmitters for sale. W To fwded to S&A 7/9 and S&A 7/9
504459	7/8	Cutting & Washington	Ask if can borrow 5 kW arc set in conn with test of element on harmonics. To reqst give more definite info 7/14.

—57—

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
✓ 502160	6/25	J. H. Claus Dept	Subm comments on design of radio receiving circuit which will reduce static disturbances; ask if our wishes demonstration. W. 7/12
✓ 502252	6/28	Washington	Audion control boxes and amplifier - fws report on test of. To Wireless Improvement Co. fws copy of reports 7/12
472344		FROM CARD 267 hesch. Labr- All tests on model spark set have been completed. 8/31 Bur Stand. Labr- all tests completed 8/31 To Wash 9/30 Wash- fws specifications for 1/2 tube filament lighting transformer. 1/21 W.	Bur Stand. Resch. Labr. fws final report on design of spark tube transmitter. 6/29 W To Comdts reqst fws reports 7/12 Bur Harb. F- Copy- report on test. 7/20 W Shift order from Bur Stds to Wash. fws serial number 3824 7/12 6/20 W Phil- fws data taken during comparative test on combined spark tube transmitter. 7/30 W To Bur Stds. reqst advise upon completion of tests 8-5,
501976	6-30	To Comd Washington see 501967 also Washington- Submits estimate. 9/1	Authorizes remodeling of type SE-1420b radio receiving set in stock. 1/21 W To Wash. assigns alterations to rec 7/30 Wash- fws specifications for remodeling and improving receivers. 8/6 W Alterations to 11 radio receiving sets type SE-1420B to conform to SE-1420B for sets listed W To Wash- rel altered rec for IDHO 5/14 To Pgt Eng- Rel replacement of type SE 1420A receivers in Model "B" "F" "R" Receivers cc S2a 12/10/21 fws S2a 12/10
Rev 501975	6-30	To Comd Washn see 501967	

Number.	Date.	From or To—	Subject.
502415	7-1	To SAA To Radio Corp of America	Request of radio receiver from Washn To Radio Corp. n. 7 To Radio Corp 1-27-21 asks when rec be returned to ID W
314	Recd data 3/25	To Radio Corp of Amer Ask when receiver may be expected	Radio Corp of Amer-4:1-W Design problem 101 classes improvements of radio com. as receiver W
502413	7-1	To Washington	Washn- Instrns covering changes in Type SE 1440 receiver- lwd. 8/5 To Comdt Washn 21-11-21 lwd 8-9
500862	7-2	To Comdt Washington Shipt order from Wash to Nork for OKLA and ARIZONA 7/9 Washington- Shipt estimates. 9/29 W. To Wash 12/30 W.	Modification of SE 1399 receivers. Gives statement from Comdr in Chief of Atlantic Fleet in x to Request estimates covering modification W Shipt order from Wash to Bostn rec for OKLA and FLA 7/9 Shipt order from Wash to NY for PA and Arizona 7/9
503275	7/2	CO OHIO	Use of ~~Jarvis~~ receiver for long waves on shipboard vessels- report covering.
503277	7/2	CO OHIO	Use of radio frequency amplifiers on ship Board 8-11-21
503253	7/3	Radio Corp of America	Grid leak units shipt to radio test shop Washington for test. W.
500863	7-6	To Comdt 9th Dist	Radio telegraph- Chicago receiving equipment auth instrns 7/25 W W

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RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
500779	6/12	Lare Island	Investigation of Fanning receiving circuit— progress report covering. W.	
500116	6-22	To H.I. Washington telegraphone To C. at L. Island 1/8	Fyds. ins. instructions for telegraphone for use station Y.M.B. 10000. W To Washn. recs. two dr. wings to MI 7/26 Washn. telegraphone. 12/17 W Fyds. ins. instructions for use of telegraphone at Pearl Harbor. W copy H.I.	
500115	6-22	To Comdt P. Harbor		
500856	6-23	To SEA	Reqs. script of vacuum tube receptach from Wash. to Boston W RB 7/8 W.	
500854	6/22	To Stevens Inst of Hoboken	Conference on radio receiving sets held at Bur June 28th. Invites Prof H.A. Hazeltine to attend. W H. A. Hazeltine. 6/28 W.	
500852	6/22	To DeForest Co	Conference on the 28th. Asks if Mr. Horle can be present W	
500853	6/22	To Radio Corpn	Conference on the 28th. asks if L. Shapiro can be present W Radio Corpn of America 6/24 W	
501500	6/24	Bur Standards Tech Labr	Results of reception from Washington Yard in comparison test of 8 chopper circuits. W	903

MAILING AND INDEX

1920

Number.	Date.	From or To—	Subject.	
5532	6/24	To 17	Trans. of report containing list of modifications necessary to make sample subm. radio trans. equipment approved for service & E.	706
501771	6/13	Rec. Co. To Fed. Tel. Co. 7/24	Request authority to quote to Dearborn Publishing Co. on undamp. transmitting sets.	
501967	6-25	To Washington see 50176 also	Authorized make alterations Type SE 1420 B radio rec. sets for installation in model P&R sections on the ships of Atlantic Fleet W.	
501814	6/25	Boston	Request prints showing spark cap. both 5 and 2 in.	
501872	6/26	L. A. Hazlettin (T)	To Boston fws 7/8	
501795	see card 302		Cannot attend conference on radio receiving set.	
501305	6-28	To Coast Washington To Washn. auth. mfg. of units	Request estimates for mfg. of condenser and grid leak units for use in comm. w. receiving set. W.	
304 card	8/8	amendment of paragraph 2.	Washn. Subm. estimates. 7/9 W.	
501297	6-28	Washn. Order complete except grid leaks To GE (T) 9/2 S. W.	TL Washn. request resubmit estimate 7/27 info by wire lost delivery sample four 1w tube & motor Gen. discussed last tube conference W.	
502139	6/23	Insp. Fed.	GE Co. (T) - Best delivery is 48 weeks. 6/26 W. Request report on arc transmitter be furn. W.	
502136	6/28	Washington	To Insp. Fed. fws 7/8	
326 SE 20	6/26	To S&A	Fws drawings showing complete plans of amplifier.	
			Re: reimbursement to Western Elec. for	

RECEIVING & SENDING

1920

Number.	Date.	From or To—	Subject.	
498503	6-12	To Comdt Washn	Request six copies of booklet be fwded Bureau Washn- Fwds instruction books cov medium wave receiver. 6/16 W	W.
✓ 498501	6-12	To Bur Standards	Fwds galley proof of an article on "The Equivalent Circuit of the Vacuum Tube Modulator" by John R. Carson Ph.D.	W
499222	5/27 6/11	CO BRIDGEPORT Atlantic Fleet	Receiving sets- fwds comments of Gunner C.A. McAlvey, rel to improvements on to Washington, advise action taken in re to defects 7/6 Washington 7/17 W	W
499151	6-14	To Cdt Washn	Request fwd vandykes and bline prints. W Washn- Fwds prints. 6/23 W	
499529	6/4 6/14	Yorktown Mine Depot Lorr	Request buzzer set for use of landsman for radio electrician on duty at Mine Depot, Va furn. Send order from Washn to Norfolk buzzer 6/25	W.
✓ 499827	6/15	Independant Wireless Tele. Co.	Fwds memo, cov set which Co. would like to secure, now at Fleet Sup Base. Fwd 6-17	W.
499554	6-16	To H.I. (T)	Wire number of model "X" radio transmitters and dispost. of same. W Maro Island- (T)- Contract calls for delivery of material to Washington. 6/16 W	
499082	6-16	To Wireless Spec Co	Fwds specifications W	

Number.	Date.	From or To—	Subject.
499952 CARD 339 499561	6/16 lengths. To Washn Washn 6-17	Lowenstein Co. CQ 532 Gives required wave progress report 1/13 W Washn-Reqst type number 9/7 W To S.A.	Request copies of test conducted on motor buzzers be furnished in order to assist Co. in re- ducing material expense. To Washington. reqst subm design 7/6 Washington 10/21 W. To Washn contents of model wave exchange and in distance system Authd 10-28 Reqst report from Washington to Bureau vacuum tube. W
500210	6/17 6/18	H. E. Hallborg Dept	Beneficial suggestions on brake key with vacuum detector and amplifier reception. W. To Radio Aid Miller. key under test 8-6 To Hallborg. 8-7 And let 7/7 RB 278 authorizing payment W.
500485	6/19	Washington	Subm report on status of research in conn with British type arc transmitter and 2 KW arc transmitter. W
500586	6/18	S.A.	Avds tracing and proof of illustration, specifications 17-T-8-B covering testing circuit for polarized receiver. SW
500109	6-21	To Washn	Report and prints. W Washn- Avds drawings of waver changer. 6/2W. W

RECEIVING & SENDING

1920

Number.	Date.	From or To—	Subject.	
497845	6-7	To Norfolk	Advise why 2 type SE 1071 vacuum tube detectors were issued to Eagle 14 instead of one as reported. W Copy Back 6/11 W Re 6/18 W. X 2-2-6.	
498173	6/4	Bur Stand. Resch Labr	Subm. report of test of vacuum tubes for testing set W.	
498238	6/1	Mare Island	Request descriptive booklet covering emergency transmitter be turn. W To Comdt M.I. - fws copies 6-9	
497361	FRM CARD	281	CO BUL ST. CRT (T) - report on radio material available 6/8 W.	
498549	6/9	S&A	Specifications 17-T-7-a covering test circuit for transmitters- fws proofs and tracings. fwd S&A 6-11	JW

Number.	Date.	From or To—	Subject.	
✓ 498655	6/9	Bureau Stand Bosch Labr.	Subm memo by C. Speaker on fuse lamps for vacuum tubes. Bmr Stand. a r. 6/22 W.	W.
✓ 498617	?	Immaculate Conception Rectory	Ask if Navy can furnish wireless sets for instruction purposes. f.d Sec via S&A 6-15	W.
✓ 498894	6/10	Norrf.	I complete set of prints of 5KW brake key fwd'd to United Fruit Co.	W.
✓ 498491	6-11	To Lowenstein Co.	Fwds photostat prints of magnetic circuit used with 200 low arcs. Same type used in 500 and 1000 except relative dimensions are increased to correspond with heavier demands.	W
498910	6/11	Bar Harbor	Fwds copy of dispatch from RAIL-TRINE, GUSTAVIA VICTORIA in con't with irregularity of ship's tugs in the use of 2400 meters, commercial undamp't. Communications 6/11 W.	W.
499082	6/11	Wireless Spc. Appl. Co.	Re Communications - irregularity of ship's tugs when using 2400 meters etc 6/25 Request applications covering transmittance.	W.

RECEIVING AND SENDING APPARATUS

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Number.	Date.	From or To--	Subject.
495575	5-27	To S&A	Reqt shipmt from F.S.B to G.E. radio transmitting set. W Major Windy 3/17 Gives status of set loaded W
495570	5-27	To Comdt Washn	To aspr mat GE reqsts status of set 3/14/23 Design problem 58 Test of Hammond Interfleet radio transmitting sets. Reqt test be made W 1.3m. - Was report on test of Hammond interfleet radio sets. 11/26
496414	5-28	To IM's Comdts S&A	Advise no radio vacuum tubes are to be sold or radio apparatus in which tubes used. W
		To Comdts IM's 12/22	L.Y. - Ask if shall sell material to ship board. 6/22 W.
		Phil's Fleet - Circular - 12/29 W.	To IM with transfer to S. in Bd 6/25
		Phil's - Lists vacuum tubes unfit for use. 1/17 W	To S&A 12/21/20 RB 1-21-21
		S&A Cir-in conn with stock title for vacuum tubes. 1/20 W	To Fleets S&A Washn rel sale 12/21 3/30/21
		To Phila Gives instrns cc S. Phila Bd L&S 5/26	Reqs bulletin describing Duo-Lateral inductances. W
496363	5/26	Facent Elec Co	Fwds Wash Yard. 5-29 RB 6/10 W.
TO CARD		Facent Elec Co. - Rqst results to test 8/25 W	To Facent Elec Co. coils should be fwded to test ship notifying Bur of ship of same 6-11
300		Facent Elec. Co. - Ask if test made. 9/28 W.	Facent Elec. Co. - Lists samples of inductances being fwded to Washn. for test. 6/14 W
		Washn - Report of test Duo Lateral coils. 10/19 W.	Reqt shipment transmitter from Bu standards to Annapolis. serial 3056. W: RB 10-28; W
496425	5-29	To S&A	Shipmt order from Annapolis to Bur Side vacuum tube transmitter 6-7 RB 6/18 W
497168	6/1	Lowenstein Co	Ask if type CL-484 covers Lowenstein hand and relay key To Lowenstein Co. advise reqn or schedule number 6-3
497037	6-3	To M.I. (T)	Asks if have in stock transmitting sets for assignment to destroyers 340 and 341 Mar's Island (T) - No transmitting sets in stock. 6/7 W.
497360	6-3	To N.Y. (T)	Asks how many trans sets in store suitable for install on destroyers. W N.Y. (T) - Lists spark sets in store, unassigned 6/5 W.

see 893

W

W

Number.	Date.	From or To--	Subject.
461037	FROM CARD	257	Cavite- Recommendations covering batteries for store 4/17 W. Shipt order from Wash to Cavite 6-5 RB 11/9 W.
497036	6-3	To Boston (T)	Asks if can supply trans sets for destroyers. W Boston- (T)- two 5 KW transmitting sets can be spared. 6/5 W. Boston- Request further information. 6/5 W.
497038	6-3 Norf 7/8	To Phila (T) 7	Asks if can supply trans sets for destroyers 229 and 230 W. Phila 6/5 W. To Norf. request fwd estimates covering installn of trans on OKLA. 6/23 cc Atl Fleet
497361	6-3	TO BRIDGEPORT (T) TO BUFFALO TO PHILA	Asks if trans set carried onboard as tender stock in condition suitable for installn on new destroyers building. W
TO CARD 282		PAC Destroy. Squad. (T) Neither BUFFALO nor PHILA have spark set for installn. 6/5 W.	PHILA (T)- Have no 5 KW radio spark transmitting set on board; have various parts. 6/4 W.
497595	6/3	Ordn.	Wiring diagrams for concentration transmitters of receivers submitted by Burka Elec. Co. W. fwd. S. To ins ar mat GE - Gives displa made of transmitter 3/24/23
497714	5/28 6/4	S. Scribner Communications	Request prints of wireless receiving set. W. To S. Scribner. cannot supply 6-8

RECEIVING AND SENDING APPARATUS

Number.	Date.	From or To—	Subject.	
✓ 49458 see below	5/17	G. E. Co.	Lehigh University request quotation on amplifier; ask if will be allowed to quote	W
✓ 494527	5/1	acf. Radio supplies Co.	Submits offer of vacuum tubes for sale. mamfact. rad by Forehead. Pacif. Radio Supplies Co. 5/24	W.
✓ 494598 see below	5/19	L. W. Austin	Edis comments on the inter-allied protocol with respect to transmitter.	W.
✓ 494258 see also ve	5-20	To G.E. Co.	If amplifier is SE 1605B, have no objection to quoting Lehigh University on this & pr. If special amplifier, suggests communicate with Bur Standards. W	
494515	5/20	To SEA	Reqt shipment of airc radio trans set from Phila to Washington W	
494634	5-21 To SEA reqt status 7/19 SEA 7/23 W.	To SEA	Reqt shipment from M. Island to Washington of 2 airc radio trans sets. W. Re 5/7 W. To Wash Yd. Gives instruction to hold sets for naval vessels only. 5-29 Amendment of ship order 6-3	
494917	5-21	To SEA	Reqt shipment from M. Island to F.S.E. of 8 airc radio trans sets. W To I.M. Navy Trans. sets to be held for naval vessels only. and not for S B Vessels. 5-29 Amendment of ship order 6-3	
494915	5-21 Phila 7/23	To SEA was report W	Reqt shipment from E.I. to Phila 9 airc radio trans sets. W. Re 11/12 Amendment of ship order 6-3 To Phila disposition of 6-3	

Number.	Date.	From or To—	Subject.	
478225	PROJ CARD 270		S&A- 5/19 W.	
494632	5-21	To S&A	Regst shipment from M.I. to Norfolk 2 radio trans sets. W RB 9/29 W. To Mars Island (T)-Radio trans sets should be shipped complete with power equipment. 5-29 Amendmt of 6-3 To North. rel disposition 6-3	
494598	5-20	To Director, Nav Comm.	Sect Commerce Com report on wave lengths 4/30- Gives comments. W	
495087	5/20	Chf. Board.	Ask if advisable to remove ammeter and fillament resistance from audion control boxes and receivers, and install balance lamps. To S.B. not advisable 5-27	W.
494571	None	None	History of development of aircraft radio transmitters and receivers. W	918
49333	5/22	Washington	Fwds special report on radio transmitter and interphone unit built by G. E. Co. W	629

RECEIVING AND SENDING APPARATUS

Number.	Date.	From or To—	Subject.
✓ 493574	5/10	J. T. Fenton	Calls attn to use of certain salts in audion bulbs to replace present externally excited filament. To J. T. Fenton— suggest get in touch with Western Elec Co. 5-25 J. T. Fenton— Offers further assistance. 5/30 W
493738	5/15	Inspr FR (T)	Request sample plan of Lowenstein transmitting set. To Insp'r F.R. fws print 5/15 W.
479256	FROM 271	To Pacific Radio Supplies Co. Tubes will be subm to test 8/18 To Washn rel test 8/18 To Washn test 8/24 To G.E. Co. request subm samples 8/24 Sept 15: 8-27: W Radio Corp'n— Can only furnish labr samples. 9/9 Radio Corp'n— Will make shipt of 6 tubes 9/23 To Washn 9-27 To Bur Stds. request test 10/21 Bur Stds. rel fws report of test with recommendations. 11/17 W To Washn fws report 11-27 Washington— fws report of test on receiving vacuum tubes. 1/8 W	To Western Elec Co. request expd info previously requestd 5/14 To Bur Stds. design problem 69- 5/14 Wash— Subm preliminary report on test of Western Elec. miniature vacuum tube. 5/28 W To Washn fws addit. eval tubes 6-24 To Washington— request samples 7/1 Washington— fws report of test on miniature vacuum tube. 7/9 To Western Elec. request reply 7-13 To Westinghouse fws prints 7-13 To Bur Stds. request test on receiving vacuum tubes 7/16 W To Washn. design problem 69- 8/3 To Washn. request test le made 8-5 To Comdt Washn. rel test 8-6 Washington— fws report on test of vacuum tubes submitted by Westinghouse Lamp works. 8/9 W To Bur Standards— fws tubes. 8-13 Request fws prints of drawings. W Washington— fws prints. 5/20 W.
493238	5-15	To Comdt Washington	
493241	5-18	To Comdt Washn	Request estimate to mfg relay keys in accordance drawing fwded, be subm for a pvi. W RB 6/7 W

Number.	Date.	From or To—	Subject.
493955	5/10 Chasn 5/27	Chasn. W	Request ship of 5 radio receivers be expedited To Comdt Charleston reqst remaining receivers be shipped soon as available 5/19 To Comdt Chasn. rel shipment 8/3 No condensers for transmitters have been received.
493970	5/10 To Dubl Con Dubl Con 7/14	ac. Battle Ship Div. #6 Cond. Co. 7/8 Co. reqst ship data 7/16 Dubl Con 8/15	To S&A ship order from Phila to N.Y. radio 7/3 To Dubl Con Co. reqst shipping data covering condensers fwd to WYOMING TEXAS UTAH 7/3 To MI returns reqst of Dec 5th 1919 disap proved Asks fwd copy of drawings. W 8/8 Fed. Tele. Co. Fwds drawings. 6/4 W.
493236	5-18	To Fed Tel Co	
493792	5-18	To Comdt P.H. via M.I.	Reqst for comments and recs in conn with precautionary measures for prevention of damage to the arc magnet windings of high power arcs. W copy C.VITE BB 12/2 from MI.W To Comdt MI 10/14 Mare 18; 10-25; W
493232	5/15	To IM's and Comdts	Policy in re to removal of Leyden jars and installation of Dublier condensers. Recs will be made on conditions applying in each case W
494304	5/8 5/18	Service Radio Club Communications	ask if Eur will loan radio receiving set for install in club quarters. To Service Radio Club. cannot make loan at present 5/20 Service Radio Club 7/1 To cannot make loan 7/16

REC AND SENDING APPARATUS

1920

Number.	Date.	From or To—	Subject.
364286	FROM CARD 179		✓ To Federal Telegraph Co. - Cannot locate in Bureau serial numbers of receiving sets loaned by M.I. yard. Request return to M.I. two sets, one primary and one secondary in place of original ones. W 5/3 Fed. Tel. Co. - Fwd: copies of Shipping memo 5/23 W Fwd Tel Co. - 5/26 W. Fwd Comdt M.I. 6-5 RB 6/23 W
491414	5/4	Pearl Harbor	Mutual Telephone Co. request loan of one short wave receiver: disapproves: are forwarding full details. W
49355	5/1	Wash	Submits report on test of receiver manfd by American Corp - W
491288	5-4	To Comdt Washington	Comments request desirability of placing grease on receiver contacts. W Wash. 5/8 W

Number.	Date.	From or To.	Subject.	
✓ 491590	5/3	Anthony Tech & Elec. Wks.	Ask if Bur desires to purchase quenched spark gap units manufd by Wireless Elec Co. W To Anthony Co. no need for additional type at present 5/19	
✓ 491784	5/4	American E/R/Corpn	Acknowledges receipt of vacuum tubes loaned for research purposes.	W
5532	5/5	Washington	Fwds report on test of sample submarine transmitter subm by G. E. Co. WH	706
491431	5-6	To N.Orlins (T)	✓ Remove Telefunken radio trans. set on SS ORION and place in store on Shipping Board account period install one kw trans from stock. W copy mail S.B. To N.Orleans (T) charge installn to S.B. 5/11 copy S.B.	
GO 491440 CARD 325	5-7	To S&A	✓ Request shipt from Washington to G.E. radio receivers and vacuum tubes	W
		Insr GE - Request return of radio coils. 9/77 W	Insr GE 8/22 - Rqst shipt instrs. W	
		To Insr GE - Give ACTION 9/14	shipt order from GE to Wash 8/26/21 8:32	
✓ 492820	5/10	Western Elec. Co.	1C type N vacuum tubes left at Bureau.	W.
✓ 493372	5/12	Lijur Co.	Lower cost class receiver supplied by Westinghouse Co. inferior to those supplied by Jarry Co. according to covering acceptance test to eliminate difficulties. And Wash 5/19 RE 5/1 W. To Co. of Boston. comments on receivers- defects 5-7	W.

MAIL AND CORDING

1920

Number.	Date.	From or To—	Subject.	
489144	4-24	To Engr G.E.	In re to, interference of vacuum tube trans items being sent by G.E. To G.E. (T) ship radio trans extended for several days 4/30 To Engr G.E. (T) - Rest of Co. ship transmitter to Engr G.E. accompanied by representative 5/4	W
489860	4/26	Washington	Methods of utilizing high voltage multi phase alternating current for supply to plates of lower vacuum tubes; submit inform with prints covering	W.
489153	4-24	To Comdt Washn	Request test of quick acting break key. Designates as problem 92- W Washn- Report on test of break in relay.	8/17 W
45712	4/24	Washington	Submits report covering damaged condition of received furnished by Sperry Co. with recommendations covering certain changes in: SW	629
490253	4/27	American R/R/Corpn.	Sends photos and description of Braun tube.	W.
489777	4-28	To S&A	Request shipment from Charleston to N.Y. radio trans sets W RB 1-18-21	
490297	4-29	To S&A	Request shipment from Washn to Room 2436 radio sets W	

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Number.	Date.	From or To-	Subject.
490640	4/28	Anacostia	Status report - W
490905	4/30	Wireless Improvement Co	Audion control boxes and amplifier fwd to Wash Id for test - fws descriptive booklet covering - W To Comdt Washm reqst test 5/3 To Washm. reqst return to Wireless Co 7/2
490640	4/28	Anacostia	Research problem No. 23 simultaneous send receive telephone - status of - W To Anacostia - will consider all resch work completed. 5/5
472758	FROM CARD 255		W.Y. - Copy Test report 5/1 - W W.Y. - Copy Test report 5/2 - W W.Y. - Copy Test report 5/1 - W Ear Harbor - Copy Test report 5/1 - W W.Y. - Copy Test report 5/1 - W W.Y. - Copy Test report 5/1 - W Phila - Copy Signals heard 5/2 - W Wash - (T) no signals recd 5/4 - W Wash - fws photographs of submarine radio transmitter - 5/6 - W Phila - submits data obtained during test-5/4-W To Cdr E. L. (T) - No. 1 on test. 5/4 Communications - report on test from 3d Dist. 5/15 - W.
490759	5-1	To Comdt Washington	Reqst fwd pr. nts. W Wash. - v.s. - Indycas of shielded telephone cord. 5/10 - W

RECEIVED AND PENDING

Number.	Date.	From or To—	Subject.
424395	FROM JMD 241		4/15 - Ask if shall cancel shipt order 3/19. Fwd S&A 4-15 RB 4/17 W. Fwd S&A 4/29
467167	4-15	To S&A	Request shipment from Phila to M. Island vacuum tubes and plugs. W RB 1/2/21
467174	4-15	To Comdt Washn Yard	Fwds copy of drawings. W
488300	4/16	American R/A/Corin	Request Bureau cooperation in securing shipment of material for receivers from American Brass Co. W.
488247	4/17	Norr	Development of quick acting brake key designed for audion and amplifier reception. -report covering. W.
488422	4/19	Washington	Norr - Fwds sheets covering plans of brake key for vacuum tube and amplifier. 5/2 W Fundamental antenna capacity of arc transmitters on shipping board vessels should not exceed .002 microfarads - request prints be furn. W

Number.	Date.	From or To—	Subject.
484775	FROM 274		To Amer R/R Corp'n. Confirms conference on patent matters in re to vacuum tubes 4-20 To Amer R/R Corp'n. Cannot furnish reports 4-22 American R/R Corp'n. Takes exception to circuit being called "baker" circuit. 4/27 W. To Bur Stds- suggests investigation be made in re to application for patent 5/4 To American RR Corp'n- acknow recpt letter of 4/27 5/4 Bur Standards- Are requesting atty general to apply for patent for Kolster-Mittimore and Dunmore. 5/17 W. Bur Standards 8/11 W
486320	4-20	To Naval Intelligence	Recd transmit to London despatch in re to use of acceptor reflector by commercial companies for purpose of receiving thru interference; also if British Admiralty willing Navy divulge this apparatus to these companies. W Europ Forces- Fwd copy of telegram directing keep information confidential on certain radio improvements until decision is reached. W Nav. Intelligence- 5/18 W.
486285	4-21	To H.D. Kinney, Treasurer Ft. Wayne Radio Assn.	Cannot sell any vacuum tubes or audion equipment due to patent situation. Vacuum tubes furnished G.E. temporary loan, and not sold as stated in your letter. W
486917	4/14	unrecd.	Compensation set for main 5 kW transmitters not advised to equip NY HL and NBS with same at this time. To Coast Guard Sec. rel instal 4-14 circstances- report Gov. R 578 7/15 Recd msg from Washn to Radio Divn SE vacuum tubes recd and instructn book W
489142	4-23	To SEA	

N.S.E. Form 134.

RECEIVING & SENDING

1920

Number.	Date.	From or To--	Subject.	
✓ 485506	4/1	Boston	Request 30 vacuum tubes be furn in conn with loop antenna and Heilini Tosi radio compass experimental work. X 4/19 W Shipt order from Wash to Boston 30 vacu tubes 4-21 RB 5/25 W	
✓ 485858	3/30 4/5	Munitions Patent Bd. Dept	Vreeland & pr.Co. claim to royalty from General Transmission Co. also in conn with Seibt Patent.	W
✓ 485492	4-5	To Comdt Washn	Fwds copies of prints, -transmitter with ignition key signalling system.	W
485991	see 465991	card 260		
485960	4/5	Ports	Ask if any vacuum tubes and audion bulbs listed are obsolete for use as repairs, replacements, or new installations. To Lt Ports- recd fwd list of matrl 4-15 RB 4/26 W	
486050	4/2	Bur Stand Rsch Labr	Ports- Subm list of material. 5/4 W To SEA shipt order from Ports to Washn 5/11 RB 7/26 W Fwds progress report on Speaker spark tube-set.	#.
486306	4/7	Phila	Recommends ICC Morehead tubes be furn for stock in 4th Dist. X 5/15 shipt order from Wash to Phila vacuum 4-14 RB 5/19 W	W
✓ 486293	4/6	CO OHIO	Request antenna brake relay transmitting key designed by Norr Yd be given trial with receiving equip. p CO OHIO 7/13 W	W.

Number.	Date.	From or To—	Subject.	
486319	4/7	Wash.	Operation of 2 kw arc transmitters - comments on shutting down arc while receiving.	W.
485502	4-7	To S&A	Request shipment from Schenectady to Wash radio equipment W	
486349	4/8	Washington	Subm recommendations covering change of binding post studs used on receiving equip. W. To Washn- apv of change 4-14 Wash. fwsd. drawings. 5/20 W.	
486392 CARD 331 486454	4/7 To Amar RR Laboratory- 5/24/21 To Phila 7/13 Aircraft Cnty 7/29 Phila. 8/1 4/7	American R/R Corp Bureau Standards Resch Labr	Request Navy furnish 4 standard 250 Watt tubes for use in transmitter being developed. W Shipt order from Air. Factory to Medford radio vacuum tubes 4-16 Fwd S&A- 8/9 W FWS report by Dr. J. E. Miller covering Western Elec. Type N tubes. Jno H. Miller - Radio design problem #69- Report on Western Elec. Co. Type N tubes-fwsd. W ?	
486435	4/5	9th Dist To F.S. Base- Advise if have on hand is the used material acct any arcorn type non-synchronous spark gaps. 5-29 RB 6/8 W To Comdt 9th Dist- cannot furnish material 6-9 4-13 To Comdt Washn. To MI request fwd info 1/10/21	Request Bureau ship rotory gap to be used for repairs on obsolete equip at various stations. fwd Phila 4-12 RB 4/20 W. Request investigation problem 91 application of eddy current ring to standard navy arc transmitters. W Wash - fwsd special report on application of Eddy current rings to standard Navy arc transmitters - 5/11 - W MI - fwsd report on experiments with copper rings at South Brisco Sta. 1/29 W	W

RECEIVING SENDING RADIO

Number.	Date.	From or To—	Subject.	
484080	3/26	Washington	Mountings for 50 Watt transmitting tubes fwd print and suggest type numbers be assigned.	W
8 474169	3/22	Mare Island To Comdt M.I. - auth for repair trans 4/5 RB	Subm report on unsatisfactory condition of transmitters recd at Yard giving estimate covering repairs. fwd S&A 4/5 RB 5/14 Y To Cdt Boston - fwd copy of survey report 269 1762- for use in action in preparing items for ship 4/5 Request shipment from Boston to G.E. Co radio appr. W	W.
483847	3-27	To S&A		
484351	3/27	Europ Forces To SCORPION 3/31	Request double allowance of transmitting tubes be placed on next Destroyer dispatched to Europ. waters for issue to ships at Constantinople. To Europ Forces (T) 3/29 Ship order from Wash to Phila vacuum tubes 3/30 RB 6/7 W	W
484253	3-29	To Comdt Washn Washn. - Fwd copies of specifs for 5 kw arc transmitters for 3 ship Board vessels. X771-2. W. 5/22	Design problem 88 specifications for 5 kw radio arc transmitters. Washn. East antenna characteristics of vessels on which sets are being installed.	W 4/8 W
484254	3-29	To Comdt Washn	Telephone signalling should be included in all vacuum tubes trans equipments W copy Anacostia and Bur Stds.	
484247	3-30	To Fritz Lowenstein	Asks rel to success with arc transmitters. use w to radio telephony - W Lowenstein Radio Co. 4/8 W. To F. Lowenstein - will be glad receive any suggestions 4-20	

REC & SENDING: RADIO

Number.	Date.	From or To—	Subject.	
484264	3-31	To Comdt Washn., T-1	Authorization for mfg of submarine radio receiving equipment. Lists. W Washington Subm estimates. 4/14 W.	
484265	3-31	To Comdt Boston	Fwds copy of drawing, superseding previous drawing. W	
484775	3/29	American R/R/Corpn To American R/R/Corpn. asks rep con er with Bur 4-12	Subm information rel to AC tube developed by Co. American R/R/Corpn. 4/7 W.	W
276	4/12	American R/R/Corpn 4/12 W. American R/R/Corpn-Fwds copy of letter 4/12 4/14 W.	To American R/R/Corpn- reqst rep of Co consult with Bur in re above 4-10	
484742	3/21	R. W. Dobson	ask if possible to purchase radio apprs listed. W fwd S&A 4/2	
410881	FROM 220		To Washn- auth for mfg of amplifiers- 4/1 Washington 3/3 W. To Washn- fws 5-1 To Comdt Wash. rel design 5-25 To Wash rel design 7/1 To Washn- rel test 9-28 Washn- fws report of test on amplifiers. 10-22 W Washington 11/4 To Washn- rel design 11-10 Washington- fws revised report on inspection of amplifiers. 11/16 W.	
484762	4-2	To American T. T Co	Asks info re printing telegraph which can be used for reception of radio signals.	W

RECEIVING AND SENDING: RADIO

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Number.	Date.	From or To	Subject.
481933	3-13 3-16	N.Y. S & A	Fwds correspondence in conn with disposition of Sperry emergency radio transmitters at various yards: W fwd S&A 4/10 RB 5/5 WK fwd S&A 5/8
✓ 482501	3/19	Wash	Acceptance test of receivers manfd by Sperry Co - submits report covering, calling attention to defects - W
481995	3/18	To S&A	✓ Request shipment from Washington to Phila radio rec amplifiers. W RB 5/5 W
✓ 482971	3/22	Washington To Independent Co. Fwds copy 4/14 To Wash - reqst fwd sample rec To Independent Co 4/14 Independent Wireless T. Co. - 4/15 W Independent 4/21 W	Request disposition of radio receiver received from Independent Wireless Telephone Co To Odt Wash 3/29 Wash. Fwds report of test on receiver submitted by Independent Wireless Telegraph Co. 4/8 W. Continuous wave reception without heterodyne - fwd sketch of Taylor system with comments on. Anacostia - fwd sketch of Taylor receiving system for continuous waves with comments on. 3/26 W.
✓ 483053	3/20	Anacostia	Request shipment from Washn to Phila. Bruce relay Dept. contract 2777 with J.H. Hammond Jr. W RB 5/10 W
482444	3/24	To S&A	
483116	3-24	To PROMETHEUS	Fwds booklet, reqstd in letter of 3/15th W
483117	3-24	To Comdt Wash	Request booklets be fwded W Washington - Fwds instrn booklets - 3/26

Number.	Date.	From or To--	Subject.	
483118	3-24	To Comdt Wash	Fwds booklet. W	
483484	3/24	Washington	Investigation of high potentials developed in 1/2 LW emergency transmitters- report covering.	W.
483021	3/22	Washington	Standardization of meters for marine tube transmitters; recommendations covering. W	893
483124	3-26	To Comdt Wash	Design problem 85- arc receiver To Comdt Wash. instructions covering 4-12 Washington- Fwds. prints 10/1 W. To Comdt Wash 10/11/20	
483843	3/26	To S&A	Reqst shipment from Washington to M. Island radio app. W RB 3/29, W	
484129	3/26	Fed. Tele. Co. VOID - See 42141-629	Subm comments on question as to readings of various units of 2 KW arc transmitters- fws sketch.	
484120	3/26	Washington	Subm report on service test of contacts for high speed arc transmitting keys.	W.

RECEIVING AND SENDING: RADIO

Number.	Date.	From or To--	Subject.
480316	3/9	To S&A	Reqst shipment from Boston to Key West one radio relay key. W RB 5/19 W
480551	3/9	To Comdt Washn	Reqst advise to to complete receiving outfit is available from surveyed equipment, for instructional purposes. Wash - lists apparatus available for instrn purposes - 3/19
480737	3-11	To Fed Tel Co	Reqs try out method outlined for steadying Arc. W
TO CARD 289	Fed. Tel. Co. - 5/6 - W	To I.K. Ny-Reqts loan transmitting set to Lowenstein Co. copy to Lowenstein Co-Insp Brook and Comdt Wash. 3-11	NY - reqst instrn set - 3/18 To IM NY 3/22
480742	3/11	To S&A	Reqst shipment from Washn to Schenectady radio appr. W
481166	3/10	War Dept	Will be able to supply 5000 additional vacuum tubes. To M Is (T) - Sets available M Is. Advise number now available. 3-12 W
480750	3-12	To I.M. Ny-	Slaby-Arcs Relay Advise if set in store. W To Norf- Ditto. 3-12 N.Y. 3/22 Norf 3/25
481204	3/15	To Comdt Washn	Reqst detector fwded by Fred Hoover on March 12th be given test. Designates as design problem 82 class B as regards urgency. W Wash- Fwds report test of Hoover detector. 3/31 W

898: RECEIVING AND SENDING: RADIO:

Number.	Date.	From or To—	Subject.
481894	3/16	Washn	Submits report on operation of 2kw model "X" transmitters of 210 ampere air batteries and sufficient for W
¹⁸⁶ 481898	3/13	M Is T	Report on receipt of transmitters - W To Cdt M.I. 3/17
481603	3/13	Western Elec. Co	Submits recommendations covering test of 50 tubes - W Western Elec. Co. Fwds report on miniature vacuum tubes. 4/9 W.
481776	3/15	Wash	Reqst reports be obtained from vessels on which intra fleet transmitters have been installed, in connection with development of small type transmitter - W
481797	3/12	Phila	Reqst 50 vacuum tubes be furnished for stock - W Phila. Reque t ction. 4/5. W. Shift order from Wash to Phila vacuum tubes. 4/9
²⁴⁵ 482218	3/18	Wash	Booth protecting relays - recommends modification to diameter of conical contact-W To Comdt Washn. drawing revised 4-14
482106	3/15	Philip Shore	Ask if Bu. has any wireless outfits for sale - W fwd S&A 3/24 RB-4/12. W. fwd S&A 4-19

N.S.E. Form 134.

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
479248	3/3	To S&A	Reqst shipment from Phila to Westinghouse Damp Co Bloomfield radio appra.	W
479249	3/3	To S&A	Reqst shipment from Phila to Westinghouse Elec & Mfg Co. Pittsburg radio app To Phila - Ask if vacuum tubes returned Aircraft Sacty-12/6 W.	W 11/23/21
479251	3/3	To S&A	Reqst shipment from Phila to N.Y. Western Electric Co. radio appra.	W
479473	2/28 3/3	J. T. Corkran Communications	Ask if possible to purchase old style telefunken wireless receiver - W fwd S&A 3/5	
479252	3/4	To S&A	Reqst shipment from Washington to Phila radio rec and amplifiers. W R B 3/28	
479256	3/4	To Western Elec	Reqst fwd samples. W	
279	Western Elec Co. 3/1 - W. Western Elec Co. 4/10 - W. To Cat Wash - reqst test 4-12 To Western Elec - fwds copy of prel report - reqst addtl tubes and sockets		Western Elec. Co - fwds miniature vacuum tubes and sockets - 3/18 To Western Elec 3/29 To Bur Bids 3/29 To Wash rel addtl sockets 5/14 Ask what action taken re reqst for transm or for army to navy of vacuum tubes. W War Dept 2/26	To West Elec 4-26
455820	3/5	To War Dept.		

Number.	Date.	From or To	Subject.
480926	3/4	Fed. Tele. Co.	Request copy of report of test on Chopper circuit. 2 KW arc transmitter. W.
35316	3/4	Chicago	Fwd report on test Insp covering rejected tubes at Western Elec Co. with recommendations covering disposition of SW 629
478691	3/3	To S&A	Request shipment from Airco Factory to Washington for Postoffice Dept. W 478832 - GBE Airco Factory - lists material ret'd to stores. 12/6/21 To Airco Factory via Coast Equipments Co. Id. W Re: received 1/25/22
479456	3/6	To S&A	Request shipment from Washington to Westinghouse Co. E. Pitts radio appr. W
344	locate tubes	W	To Westinghouse Co. Gives instrns re: tubes 6/7/22
480555	3/7	To Westinghouse Co. 12/22	Request status of tubes 11/19 W Westinghouse Co. 12/22 W Boston
480054	3/8	To S&A	Request shipment from Washington to Schenck radio appr. W
480055	3/8	To Cdt M. Island	Request for drawings. W Mare Island - Fwds prints covering magnetic loss in bulk heads from 2 KW leading coils. W.
480056	3/8	To S&A	Request shipment from Boston to Schenectady radio W To Boston Request Inform 12-23 RB 1/5/21

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
477950	2/27	To S&A	Reqst shipment from Fleet Base to Boston 20 trans. sets W: RB 9/20 W. S&A- Shipt order 9/1 9/16 W.
477953	2/27	To S&A	Reqst shipment from Fleet Base to Phila 20 trans sets W: RB 9-27: W To NY, radio appr. rel shipt 8-2 To NY, rel shipt 8/19 To S&A rel shipt 9/15/20
477954	2/27	To S&A	Reqst shipment from Fleet Base to Washington 20 trans sets W To S&A- rel shipt status of shipt at 8/17 and 1/1/22.
477955	2/27	To S&A	Reqst shipment from Fleet Base to Norfolk 10 trans sets W To S&A Rel shipt 9/16
477957	2/27	To Comdt Washington	Reqst copies of revised drawing be fwded. W Wash - fwsd amplifier van dyke - 3/15
477958	2/27	To S&A	Reqst shipment from Fleet base to Charleston 5 trans sets W
478691	see 316		
477959	2/27	To S&A	Reqst shipment from Fleet Base to Mare Island radio appr. W RB 6/2/16 W. To S&A Rel shipt 9/16 W. To M.I. 1-18-21 Mare Isl. subm estimate- 5/5. W
478220	2/27	To S&A	Reqst shipment from Fleet Base to Puget Sd 20 trans sets W RB 4/6 W

RCV AND SENDING

Number.	Date.	From or To—	Subject.
478225	2/27	To Cdt Boston	S&A - copy of action to Bost - 5/10 - W
TC CARD	2/27	Shipment order from Boston to Phila trans sets 3/15	Advise if transmitting sets in store at Boston. W
280	2/27	Phila. Recommends list 4 transmitters, 227 - 230 3/2 assigned to Destroyers	Boston- Lists 5 KW transmitting sets on hand for further disposition 3/5
X - 6	2/27	To Phila 3/27	Washington- Fwds special report on test of grid-leaks manu. by GE Co. & Western Elec. Co. 3/10 - W
478229	2/28	To Cdt Wash	To S&A- asks status 5/8
			Reqst prints be fwd Bureau W
478236	2/28	To S&A	Reqst shipment from Fleet Base to Washington radio app.r. W
478238	3/1	To S&A	shipment from U.I. to Pearl Harbor radio W
478581	3/1	To Comdt. Wash	Fwds copy of drawings. W
48215	2/26	To Cdt IM's Cdrs in Chief	Lists preliminary disposition of 450 model BC radio motor buzzer sets 629
478865	2/26	Naval Advisory Comm	Fwls W. E. S. Temples reqst for vacuum tube amplifiers W 918

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
477358	2/20	Eng. Sd. (T)	Ask where felt for foundation angles, sound proof booth is to be obtained.	W.
477433	2/19	Cdr. A. H. Taylor	Fwd's dia gram of Taylor receiving system in conn with application for patent on system of continuous wave reception.	W
477622	2/20	Bar Harbor	Subm report on Hoxie stabilizer 4 stage combined detector and amplifier.	W
477314	2/21	To S&A	Reqst shipment be made from FB at Base to Great Lakes radio appr. W RS 3/25 To S&A amendment 7/24 Fleet Sup Base 3/2 Grt Lakes— ask proper appropriation to c. 329 Material for radio school at Great Lakes. 11/7/17 To G.L. shipment made 7-28	
477319	2/21	To Comdt Washington	Reqst for loan of rejector. for Radio Research Laboratory. W	
5069	2/17	Anacostia	Reqst information as to just what San Diego Air Station calls a satisfactory performance of receivers. W	629

Number.	Date.	From or To—	Subject.
477358	2/24	To S&A	✓ Request shipment from Mare Island to Puget Sound, radio apparatus for <u>ARKANSAS</u> N.Y. and TEXAS. W
477086	2/25	To S&A	✓ Amends shipment order of 2/21 W To S&A ship from Wash to G.L. radio 2/21 RB 4/8 W
477949	2/26	To Comdt Washington	Request copies of instructions booklets be fwded Bureau. W Washington- Fwds instruction books. 3/8
477951	2/26	To Shipping Board	Fwds copy of instructions booklet. W
478010	2/25	Washn	Lists battleships which have been supplied with std battleships rec equipment in place of plugs W 902
✓ 478304	2/25	Francis H Legget & Co.	Request inform rel to possibility to purchase 2nd hand radio sets To S&A 2/28 W
✓ 478300	2/26	Mazur Acoustile Co.	Request authority to purchase navy type amplifier for use in experimental work. To- 2/8 W

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
474711	2/16	To Cdt Phila	Reqt transmitters reported incomplete in change of material sheet 1513 of 11-28-19 be made complete by drawing material from stock Airo Pac Ph, subm new sheet. W
475732	2/12	Wireless Appr. Co.	Request of Panama Canal for quotation covering crystal detector and detector re-novals, which were later furn by Navy Dept. Takes exception to Navy acting as competitor against commercial concern. W. To 2/21
475724	2/17	To S&A	Reqt shipment from Wash to College Park Md. radio appr. for P.O. Dept. W RB 3/3Y
476038	2/17	To S&A	Reqt shipment from Phila to Washington radio appr. W
476414	2/17	To American R & R Corp	Information reqstd when rejector shipt To American RR Corp 3/17 American R/R Corp. 3/25 To American RR Corp 3/31 W
476713	2/19	To S&A	Reqt shipment from Fleet Supply Base to Coco Solo radio a. pr. W S&A 3/8/3 Request return of correspondence. 4/9 W. S&A 4/13 RB 4/28. W. S&A 5/3

Number.	Date.	From or To—	Subject.	
✓ 476894	2/17 2/18	3d Dist Communications	Holland-Marconi Co. desire to purchase 12 Navy standard receivers; have been referred to commercial company. To D. CS 3rd Dist 2/19 Comd NY and Com Ind Cdt Washington 2/19 RB 2/27	W.
468772	FROM CARD 262	American W/n/Corpn. 3/29 W. American R/R Corpn. Co. will be W. reassisted by L. T. Wilson. 3/29 W. TO CARD 298 To DeForest ref. conference 5/24 To Amer RR Corp 5/24 To Westinghouse 5/24 To Western Elec 5/24 To GE 5/24 To Radio Corp. of America 5/26 Radio Corp. of America 5/26 American W/n/Corpn. 5/27 To Firms ref. endorsement of rep at conference 10/30 To Mar ref. of letter 11/2 To 11/2	Washington- Subm comments and suggestions 2/18 To GE 3/24 To American RR Corpn 3/24 To DeForest 3/24 To Western Elec 3/24 To Radio Corp 3/24 To Westinghouse 3/24 Radio Corp of America 3/25 To Comdt Wash. asks be present 3/25 Radio Corp of America 3/25 To Radio Corp (T) 3/27 To Westinghouse (T) 3/27 To American RR Corpn (T) 3/27 To Western Elec (T) 3/27 To DeForest (T) 3/27 To GE (T) 3/27	
476696	2/20	To Naval Intelligence	Regst translations of articles be made. RB 3/26 translated	W.
✓ 476699	2/20	To Radio Corp.	Regst fwd booklets previously regstd transmitters, mfg on contract 28770. Radio Corp of America 2/25 To 10.- asks packing slip cov instrns. 10 transmitters.	W.

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
- 472344	2/11	To Bureau Standards	Design of spark tube transmitting equipmt designated as problem 72, assigned class C. W (Reference shipmt order 1/29/20—no record)
TO CARD		Bu. Stand. Research Lab - 4/29-W	Speaker - progress report on spark tube set. 2/28
285	✓ To Bur Stds - 5/4	Equipment	Bur Standards Research Labr. 3/5
2649	✓ To Phila - 5/5	Transmitters from Phila to Washn.	Bu. Stand. Research Lab. - progress report on Speaker spark tube set - 3/19
474511	2/11	To Wash test as problem 72 6-22	To Bur Stds. reat. to Wash Test Shop 6-22
		To American Ever Ready Works	Reqt copy of catalog. W
475404	2/12	To S&A	Reqt shipmt from Phila to De Forest Co NY radio vacuum tubes. W
475406	2/12	To Cdt Washington	Reqt for drawings. W Washington - Sum data requested 2/16
475408	2/12	To Cdt Wash	Fwdg drawings. W
475683	2/12	Boston (T)	Request authority to draw vacuum tubes for Boston Radio Sta. W. To Boston (t) 2/14
475011	2/13	To S&A	Reqt shipmt from Phila to NY Western Elec Co radio appar. W
		To Western Elec Co - reqt return of tubes loaned 1-29-21	To Western Elec - advise re: vacuum tubes 2/14/20
		To Western Elec 2-9	To Phila 1-7-21 RB 3/11 W Western Elec. Co. 1/4 W.

Number.	Date.	From or To--	Subject.	
475952	2/12	C. C. Waterman	Ask if Can purchase standard Navy radio receiver. To S&A dwds letter 2/16	W.
476044	1/31	CO BEAVER	Submits report on test of break key system fwding diagram.	W.
476015	2/14	Washington	Suggest two sets of double scale radio frequency ammeters with heating elements to be placed in stock.	W
476038	2/14	Washington	Request Phila. fwd 20 small porcelain insulators for instln of standard Battle-ship transmitting and receiving equipt.	W.
475012	2/13	To S&A	Reqst shipment from M.J. to Puget Sound radio appr. RB 4/12 W. Puget. sd. Shipt made to W. stport. 9/4 W.	W.
475409	2/13	To S&A	Reqst shipt from Ph to E Pitts Westinghouse Co. radio appr. W RB 3/19 Phila- T - no vacuum tubes available To Phila (T) 2/19	2/18
45712	2/13	Wash	Submits report on acceptance test of receivers submitted by Sperry Co- SW	629.

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
474425	2/2	J. R. Phillips	Reqt specfms covering receivers which will be offered for sale. To S&A 2/7
473605	1/28	Fed Tel Co.	Recommends installn of single wave signalling system be made at San Diego station W 901
474031	2/7	To S&A	Reqt shipment from Wash to Dept radio app. W
474502	2/7	To S&A	Reqt shipment from Washington to Phila radio compass receiver. W To S&A cancellation 2/25
474425	2/2	J. R. Phillips	Request specifications covering receivers which will be offered for sale. W. J. R. Phillips. Request specifications and prices on dismantled receiving eqipt. 2/27 To S&A fws letter 3/3
474710	2/5 2/7	W. B. Davis Co S&A	Ask if Bureau can use radiocite crystals, manufactured by Electro Importing Co. W. To Cdt Washington 2/12 Washington 2/14 fwd S&A 2/17
474507	2/9	To S&A	Reqt shipmt from W.I. to Ft Gibbon Alaska radio appr for Signal Corps. W

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
474509	2/9	To Firms Cutting & Washington 2/14	Fwds drawing: W American R/H/Corpn 2/11 KAC Co. 2/13— Drawings recd. Westinghouse 3/14 Co. ask number of two KW transmitters, Navy will require. 2/14 Reqt shipmt from Phila to Bloomfield NY Westinghouse Lamp Co 2 vac tubes. W NB 2/18 To Westinghouse Lamp Co— reqst return of vac tubes loaned 1920 1-29-21 To Westinghouse. Tubes recd at Wash. yard 4/14.	
474514	2/10	To S&A Westinghouse Lamp Co. 2/14 1921 RB 3-10 Phila— disposition of tubes 2/28 To Westinghouse Lamp Co 3-14-21 To Westinghouse. Tubes recd at Wash. yard 4/14.		
474999	2/9	Washington	Wds revised vandykes covering amplifiers.	W
475050	2/9	Washington	Comparative transmission test of arc spark and tube transmitters— report covering.	W.
475049	2/9	Washington	Fwds report of test on 2nd grade vacuum tubes in conn with specifications for. W.	
475173	2/10	Washington	Transmitting tube submitted by DeForest Co. in in accordance with requirements.	W.
475174	2/10	Washington	Sample vacuum transmitting tubes subm by De Forest Co. are not in accordance with re- quirements.	W.
475175	2/10	Washington	250 Watt transmitting tubes subm by DeForest Co. not acceptable.	W.

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
472758	1/29	To Comdt Wash	Preparation of specns. for design problem
To Corp rel test 4/30(T)			2 vac tube trans for subs W
To Phila (T) 4/30			Washington fws proposed specifications for
To C. RD 277			submarine tube transmitter. 2/28
Copy- ~~W. L. L. G~~ recd submarine			on W. L. L. G. special report on sample model TS
test 5/1			radio transmitter subm by 3-1-30. 4/14
Copy- ~~W. L. L. G~~ Test report W			To Comdt Washn- reqst urt ts by foded 4-26
472770	1/30	To S&A	To Otter Cliffs rel test 4/30
			Reqst shipment from Washington to European
			Forces radio appr. W RB 3/30
473305	1;31	H W. Ketchen	Report on comparative strength of signals
			received on a loop with a detector in series
			than in parallel with a loop circuit capacity
			by E. B. Judson. W
473489	1;28	9th Dis	Exhaust for arc transmitter fws diagram
			of with comments. W
472776	1/31	To Bur Standards	Fws data on Filter sytem used by Sub Sig
			Co. W
			Bur Stand. Resch. Lab. r. Fws prints. 4/19 W.
473029	2/2	To S&A	Reqst shipment from Washington to Bur
			standards radio appr. W RB 2/19
474016	2/6	To Cats Stas Inspns IM's	Corrected prints for high speed key system W

Number.	Date.	From or To--	Subject.
473604	2/2	Washington Washn. - Contractors oscillators, subm by Westinghouse - subm report. 9/23 W To Washn 2/28 Washn. - subm report on test of hydro- gen oscillators 10/2 W.	Subm report of test on hydrogen oscillators manufactured by Westinghouse E/W Co. To Wash 2/6 Washn. - Fwded report of preliminary test made on hydrogen oscillator, subm by Westinghouse Lamp Co. 6/15 Request report on test on 2 KW arc spark and bulb transmitters made at Washington Yard. To Fed Co. 2/28 Federal Tele. Co. 3/2
473609	2/2	Fed. Tele. Co.	
473944	2/3	Fed. Tele. Co. (T)	Request authority to furnish quotation to Grissall Crohn covering 20 KW transmitter. W. To Fed (T) 2/6
474145	2/3	Westinghouse Lamp Co.	Subm information rel to mercury hydrogen oscillator which may be of service as radio transmitter for certain classes of service. W. To Westinghouse Lamp Co 2/7
474163	2/3	Westinghouse Lamp Co.	Request loan of two standard transmitting tubes in conn with development of 50 Watt tube. W. To Westinghouse Lamp Co 2/7
474158	12/8	De Forest Co.	Request data for constructions of radio testing set. To DeForest 2/6
474320	1/23	Dr. W. W. Austin	Fwded notes on best reception by Dr. Austin and W. P. Primes.

RECEIVING & SENDING:

1920

Number.	Date.	From or To--	Subject.
✓ 470846	1-23	To S&A	✓ Reqt shipment receiver from Wash to Newark N.J. W
✓ 470849	1-23	To Ny	Radio spark gaps in store at the Ny Yd. W To S&A- Fwds copy of letter from <u>void</u> NY-1,29
471255	1-23	To S&A	✓ Reqt shipment receivers, amplifiers from Washington to Pug Sd. W; RB 11-1; W
✓ 472055	12;18	H Pratt	Submits request for consideration in connection with special compensation covering special high speed transmission system developed. W
4721 ² 35	1;24	NY	Request instructions for use of wave receivers. W To NY NY 2/10
473135	1;21	Insp'r Fed	To Cdt Wash- reqt fwd booklets to NY 2/25 Fwds copy of Federal Telegraph Co report of test of ~~single~~ single wave signal system. W
470489	1-24	To S&A	Radio Tel. ~~Sale of~~ Fwds copy of letter from Mutual Ice Co., Erie, Pa. for information. W Mutual Ice Co - Ask if have any extra wire material c. hand for sale. 1/19

696 RECEIVING & SENDING:

1920

Number.	Date.	From or To—	Subject.
471276	1-24	To S&A	Reqd shipment amplifiers from Wash to Ny. W RB 2/27
472269	1-24	Res Lab	Submits report on condition of french radio apparatus received at laboratory. W cross to 916
472572	1-28	To San Diego Pac Fl (T) 3/10 ^T	Request immediate shipment of 18 radio transmitters. Pac. Air Detachment-(T) Request inform rel to ship of radio sets. 3/8
471885	1-27	To Cdt Washington Atl. Fleet- Comments on ejector.	Radio telegraph design problem 29 class A design of long wave receiving equipment. W
471874	1-28	To Atl Fleet 3-9 To Atl Fleet- Subm report rsted. 5/2 W To Atl Fleet- Draw apvd 10/18 W To Cdt Washington	To Washn. Gives 10/8 11-27 To Cdt Washn 10/8 To Washn and outline of situatio. 12/22/20 To Washn 12/31 To Atl Fleet 1/3/21 Edw Jandynes of buzzer communication sets. W
473015	1-28	American R&R Corpn	Dr. Bush cannot attend tube conference Jan 30 are sending E.T. Wilson. W
472572	1/29	To Pacific Fleet (T)	Rel to shipments be made when available. non receipt weekly matrl report W
472344	see card 267		

RECEIVING AND SENDING

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Number.	Date.	From or To—	Subject.	
469982	1/17	Inspir Brook. T	Sherry Proscope Shipt to Washington 1/16 / W.	
✓ 470082	1/15	Anacostia	Limitations barrier receivers- subm comments of Mr. H. Taylor. To Radio Corp 3/10/20 fnds copy report	
418460 8	FROM CARD 227		Washington 1/17- report of test.	
5068	1/15	To Commandant Washington	Stats information on investigation of missing amplifiers. W	629

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1920

Number.	Date.	From or To—	Subject.
470000	1-20	To S&A	Reqt shipment transmitting sets from Brook to Newark. N. J. W Fleet Sup Base 1/26/21. W.
470001	1-20	To S&A	Reqt shipment transmitting set from Phila to Wash. W
470013	1-20	To S&A	Reqt shipment radio keys from Wash to Palo Alto. W RB 3/23
470451	1-21	To S&A	Reqt shipment receivers etc from Wash to SE. W
470455	1-21	To S&A	Reqt shipment receivers etc from Wash to E Is. W RB 2/17
471368	1-21	C Speaker	Submits request for patent on navigation covering system of radio transmission. W
470841	1-22	To Washington	Advance information regarding testing of vacuum tubes and vacuum tube equipment. W Washington 3/24
471775	1-19 1-24	E O Boers Communications. W	Asks if navy can furnish second hand apparatus. W To E O Boers 1/30

RECEIVING AND SENDING

1920

Number.	Date.	From or To—	Subject.
467792 5	1-9	To Wash	Design Problem 64 - Test of parts of radio apparatus for vacuum tube transmitters submitted by the GE Co. Fwds parts for test samples. W Washington- Subm report of test on ammeters subm by GE Co. 2/13 To Wash. reqst return 6-12-20 To GE are returning atrl 6-14
467793 5	1-9	To Wash <i>see 896 also</i>	Design Problem 66- Policy and Specifications for purchase of vacuum tubes. W Washn-report on test-1:20 Washn-fwds prints of amplifiers-1:26 To Comd Washn- Fwds for comments 4-26
290		To Wash. rel policy and specins for trans tubes	Washn-report on which specifications for trans. tubes are based. 5/13 W
467794	1-9	To Wash	Design Problem 67 - Test of loud speaking telephone magnavox Co. Type LS-2. W Washington- report on test on loud speaking telephone subm by magnavox Co. 5/8 W To Magnavox Co- fwds print 5/8 magnavox Co.- comments on. 5/17 W
467796	1-9	To European Forces (T)	Two radio sets received by shipping Board at Norf removed from Dutch vessels. Advise names of vessels from which removed. W Europ. Forces- Copy- All Dutch vessels have been returned to owners. 1/11 W To Ship Bd 1/30
468462	1/10	Jno. H. Phillips Jr	Request information rel to apparatus offered by Navy for sale. To SAA- Fwds letter as under Cog. 1-13
468482	1/9	E. J. Simon	Ask size of spark plugs manufactured by F. Townstein Co. To- lists material. 1-13 To SAA- Fwds Simon letter. 1-22 E. J. Simon Co. 1/17

Number.	Date.	From or To—	Subject.	
468494	1/9	Shipping Board.	Request 15 copies of instructions for 2 KW arc transmitters. ~~X 771-2~~ To Iards. Regts submit inventory of all apparatus installed on Shipping Board vessels after auth. W 1-24 To Shipping Board 3/1 Port. Inventory of radio apparatus on Board SEPOLA. 5/13 W. Corp. Inventory on SALINAS. 5/13 W.	W.
468650	1/9	Shipping Board.	Fwds copy of instructions for 2 KW arc radio transmitters.	W.
468773	1-14	To Wash	Regts prints of amplifiers. W To Washington asks when be fwded 1/30 Washington 2/5	
468772 TO CARD 268	1-15 DeForest Co-1:22 To Western Elec Co. 1-24 To Westinghouse Co. 1-24 Western Elec Co-1:28 DeForest Co-cannot sent representative due to sickness-1:28 American RR Corp 1/17 To GE (T) 2/9 To GE (T) 2/11 To Western 2/11 (T)	To Westinghouse Elec Co To Western Elec Co. 1-24 To Westinghouse Co. 1-24 Western Elec Co-1:28 DeForest Co-cannot sent representative due to sickness-1:28 American RR Corp 1/17 To GE (T) 2/9 To GE (T) 2/11 To Western 2/11 (T)	Arc transmitters. Standardization policy. Conference to be held Jan. 30th. W To American Radio & Research Corp. ditto. 1-15 To DeForest Co ditto. 1-15 To Radio Corp of America. ditto. 1-15 To Western Elec Co ditto. 1-15 American RR Corp-regt copy of proposed standardization policy-1:23 To Radio Corp of America. 1-24 To DeForest Co. 1-24 To Cat Wash 2/12 Installation of radio telephone equipment at Boston and Newport. W	
468777	1-15	To Boston	void.	
468789	1-16	To Lowenstein Co	Repts instruction looklets for 1/2 kw transmitter model "V". W Lowenstein Co-1:29	

RECEIVING & SENDING

1920

Number.	Date.	From or To—	Subject.	
466465	12/28 12/30	Annaolis Station Washington	Comments and recommendations on high speed key system designed by Pratt.	W.
✓466420	12/30	Geo. S. Davis (Wireless Appr. Co.) [T]	Request loan or sale of transmitter.	W.
469066	FROM CARD 217		Mare Island— Ask if type SG 1499 switch is to be used in after radio room of destroyers; suggest authorizing standardization of new pieces. 12/28 To Mare Island. Fwd. prints. 1-10	W.
✓466800	1/1	T. Johnson Jr. ✓	subm report covering inspection of short wave receiving equipt inspected by E. H. Armstrong. ✓	W.

Number.	Date.	From or To—	Subject.	
467240	12/23 1/5 To S&A 2/6	Rad. T/T/Co. ~~S&A~~	Ask if obsolete apparatus may be purchased by amateurs for experimental use. Fwd S&A: 1-9 S&A 1/17 Fwd S&A: 1-22 S&A-reqt action-1:31	W.
467272	12/20 Fwd S&A 2/24/1921 Dept Agriculture-3/14 Fwd S&A cc Agr. Dept. 3/18/21 S&A Copy of action to Bureau of Plant Industry 3/21 S&A Copy action to Washn. W. 4/4 W	Dept. of Agriculture 2/17 W. RB 6/15 W Dept Agriculture-3/14 Fwd S&A cc Agr. Dept. 3/18/21 S&A Copy of action to Bureau of Plant Industry 3/21 S&A Copy action to Washn. W. 4/4 W	Re: must lend to Bur of plant industry amplifier for use of physiological investigation. A. To S&A- Reqt shipment amplifier phones- batteries from Wash to Agr. Dept. 1-10 To Dept Agriculture 2-4-21 fwd S&A 6/17/21	
467257	1/2	CO O-5	Request amplifier be repaired by Washington Yard and ret'd to vessel. To I.M. Ny- Auth installation of amplifier. copy to COO-5. NY-1:20 CO O-5-1:20	W
466824	1-5	To S&A	Reqt shipment radio head phones from Wash to Ord. Dept. W RB 1/20	
466825	1-5	To Bu Standards	Test of American Radio & Research Corporations' rejector. W	
467717	12/31 1/5	Reed. Physician, Catawba Sanatorium Communications.	Reqt suggestions in conn with installation of small radio set for local use. To Wash- Fwd as above letter. 1-10 RB 2/10 To Catawba Sanatorium 2/11 Commonwealth of Virginia- Fwd order cov short wave receiver for Catawba Sanatorium. 2/17 To S&A- recommend sale of rec 2/21 Submit description of high power long wave high speed radio telegraph receiving system taken over and pending US patent application filed by them-W	896
469181	1/14	Earl C Hanson & W. Carlson		

RECEIVING & SENDING:

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Number.	Date.	From or To—	Subject.	
✓ 463854	12-19	To Killer Reese <u>Hutchison</u>	High speed radio receiver. Glad to arrange for transmission of high speed signals from the Annapolis Radio Station. W	
✓ 464181	11/25 12/1	Wailupe Hawaii	Subm report on operation of tone traps. W. X 908	
✓ 465278	12/24	<u>Lowenstein Co.</u>	Request report of test on 1/2 KW quench spark gaps at R.M. To - Fwis report of test 1-9	W.
465194	12/24	Cavite Copy	Request early shipment of batteries be made for stock. Cavite- Request section- Copy 4/9 7. To Cavite. shipment made on Feb 9th 4-10	W.
465361	12/19	Bur. Stand. Research Labr.	Subm report of reception with continuous waves without local oscillations.	W.
465387	12/19	Mare Island	Request radio prints listed, be furnished. To MI 2/10	W.
465382	12/24	Phila.	Request vandyke of transmitting manufactured by arconi Co. To - Fwis prints of instructions booklets 1-8	W.

Number.	Date.	From or To—	Subject.
465526	12/26	Washington	Request Westinghouse E/M Co. furnish audio frequency transmitters and filament rheostats to replace those defective for amplifiers. W.
465076	12-27	to Wash	Eaton Arc Transmitter Key - Regts make another test. copy to Bu Standards. W To Bu Standards. Regts full report upon completion of experiments. copy to Wash. 1-23 Bur Standards Labr. Fwd report on test of Eaton Arc transmitter key. 2/26
465991	12/29	Washington To Cooper Hewitt Elec. Co. - acknowledge receipt of letter 4/16. 4/28 To Secty Inventions - fees discontinued of further investigation 7/6	Fwd prints and information rel to radio telegraph mercury arc transmitter subm by E. J. Pilkington, Electrical draftsman, Boston; request comments as to amount of award. Fwd Wash. 1-12 RB 2/11 To Copper Hewitt Elec Co. 2/19 To Cooper Hewitt Co 4/1 Cooper Hewitt Elec. Co. Subm comments requested 4/16 W. fwd Sec via Inven 5-1 RB 6/4 W Request authority to draw vacuum tubes from store for Deer Island Comp Sta and Boston Radio Sta. to (T) - Tubes authorized. 12-31
466109	12/30	Boston (T)	Request authority to draw vacuum tubes from store for Deer Island Comp Sta and Boston Radio Sta. to (T) - Tubes authorized. 12-31
466420			To Wireless Specialty Co (T) - Not sufficient stock 2 kw transmitters to permit loan or sale W

RECEIVING AND SENDING

-1919-

Number.	Date.	From or To—	Subject.
462710	12/4 12/10	Post S&A	Regst authority to sell from stock 5 relay keys to E. J. Simon. Fwd S&A. 12-12
462479	12-12	To S&A	✓ Regt shipment receivers-vacuum detectors etc from Wash to Ad. Benson. W To Ship Bd 10/11/20 Shipping Bd: 10-29: W
462518	12/9	Washington Yard.	Recommends modifications in drawing cov motor buzzer wheel. W.
463299	12/13	Radio Corp. of America	Subm quotation covering type "P" pilotrons. W. To- 12-18 Radio Corp of America. 12/20
463463	12/15	Washington	Test of model EC motor buzzer transmitter- fwd report. W.
463681	12/13	Bur Stand. Research Labr.	Subm comments with suggestions covering German Barreter. W.

Number.	Date.	From or To--	Subject.
✓ 464093	12/13	Wireless Imprv. Co.	Fwd's copy of letter from S. W. Beach, requesting photograph of radio remote control relays and keys. To- No objections to fwd'g photograph. 1-14
✓ 463164	12-18	To Comdt Wash	Wave Length Calibration to be issued on radio receiver dials. W
402680	12-18	SEE CARD 210	Fwd Comdt Wash. W RB 12/23 American R&R Corp-1;27 To Bur Stds 2/9 Bu Standards submits report of American Radio and Research Corp modulator. 3;15
✓ 463850	12-19	To European Forces (T)	Bureau informed indirectly British favor five hundred volts arc instead of alternator for radio transmission ascertain facts and reasons and cable reply. results our tests show alternator superior especially for pure wave high speed and telephony. W To (T) - sends early reply by despatch. 1-5 Europ. Forces- Copy - Gives reasons for use of arc rather than alternate. 1/9. European Forces-1:9 To E 4/10 GE Co. 2/12

Number.	Date.	From or To—	Subject.
402680	frpp Card # 210		American R/R/Corpn. Subm criticisms. 12/2 To American Research Corpn-Reqts submit sample of modulator. 12-27
461785	12/4	Wireless Imprvt Co. Wireless Imprvt Co.- Rqst arc be returned. 4/8 W. To Washn- reqst return 4-10 Washn-arc transmittter will be ret'd to Wireless Imprvt Co 4/13 W.	Fwds description of 1/2 KW arc transmitter, wiring diagram and instructions covering operations. To Cdt Washington 12/10 Washington- Fwds report of test on 1/2 KW arc transmitter subm by Wireless Imprvt.Co. 4/1 W To Wireless Improvement Co 4/2
461749	12/5	American R/R/Corpn.	Fwds photos of 1/2 KW High voltage DC impact transmitter; request authority to submit for test. To- Reqts all details re transmitter. 12-15 American R/R/Corpn. 12/16 W
461850	12/5	Western Elec. Co. To Western Elec. Co. 3/3 Western Elec. Co.- Subm detailed comments in conn with filament. 3/27 W. Washington- Fwds quotation of proposed specifications for vacuum transmitting tubes. 9/28 W.	Fwds 15 tubes rated as 50 Watt output, as approved by Bureau; calls attn to certain points of constructions of. To Western Elec.-su. questions in re to above W 2/19/20 Western Elec. Co.- Rqst detailed inform on 50 Watt transmitter tubes. " 2/24 To Cdt Wash 3/2

Number.	Date.	From or To—	Subject.	
461827	12/8	To Odt Phila	Information reqstd by return mail as to how many trans sets are available for destroyers and new vessels bldg. at Phila. W Phila - 12/15 Phila. 12/17	
461835	12/9	To S&A	Reqst shipment from Washington to Schenectady radio appr. W	
462124	12/9	To S&A	Reqst shipment from Washington to Dept radio booth W	
462306	12/8	Washington	Shielding of loading inductance coil of 2 KW radio transmitter; report covering.	W.
462583	12/10	Phila	Elec. characteristics of receiving vacuum tube - fws prints of - W	
462586	11/11	Research Lab. Bu. Stand.	New type of sample recd of tube developed by Western Elec. Co - reqst Bu. secure samples of - W	
461829	12/10	To Washington	To - Bu endeavoring to obtain supply of small tubes. Will furnish when rec'd. 12-13	
		To Wash-reqta	Design problem 50- class C test of 50 W tube sub by Western Elec Co. W	
			Wash - fws report of test on 50 trans- mitting tubes submitted by Western Elec	3/18

RECEIVING AND SENDING.

Number.	Date.	From or To—	Subj. etc.	
459693	11/25	To S&A	Recd. shipment from Brooklyn to Washington 50 vacuum tubes. W	
460271	11-27	E H Armstrong To Cat Wash 3/2	Calls attention to new radio receiving system adapted for use on waves of from 10 to 1000 meters. To Will attend demonstration of apparatus 1-8 to Wash. yard 1-9 Washington - Subm comments on 1/15 Washington; submits report of test of Arm- strong short wave amplifying scheme: 2-25; Recd. shipment from Washington to Observatory Washington radio appr. W	
460105	11/28	To S&A		
460107	11/29	To S&A	Recd. shipment from Washington to N.Y. City Radio Rec Station radio amplifier. W	
48152	11/12	To Washington. Circular	are being used from Lowenstein to 280 relay key units: 60 to be sent to Washington and 10 to be sent to Wash. where inspection and test will be made. Ship Govt bill landing. WS	629
460715	11/28	Jno Firth	Ask if Bureau is interested in Brown phones, similar to those supplied by Brown in London to English Navy To - One set of telephones already procured. 12-16	W

Number.	Date.	From or To—	Subject.
✓ 460888	12/1	F. G. Mac	Request list of vessels flying American flag now in commission, equipt with Cutting & Washington 2 kw sets. To- Can not furnish information reqted. 12-12 W
✓ 461092	12/1	Washington	Fwds request of G.W. Carpenter, for patent on methods of utilizing high voltage alternating currents for supply to pates of power vacuum tubes. W
✓ 382189	11/28	Chasn.	Submits report showing number of transmitters unassigned and avail on 12-1. 771-2
✓ 461034	12/3	To Westinghouse Co	Fwds set of photostat prints of Fed Co draws showing dimen of 2 kw radio arc trans appr. W
461533	12/4	Washington	Instruction booklet for motor buzzer transitter and standard battleship break system Fwds To Comdt Wash- Reqts furnish 30 sets of prints listed. 12-12 W
✓ 461037	12/5	To Comdts IN's So's	Information reqst as to number of radio batteries type 3635 in stock and requirements for four months. W
TO CARD	Key West- 12/13 Chasn. 12/13 New York 12/8		Key West - 12/9 Fil Supply Base - report of batteries in stock - 12/11 Post - 12/12 Lawr. - status of batteries on hand. 12/9 Phila. 12/13 Washington 12/15 Pearl Har or 12/23
261	Report on batteries on hand. 12/18 Bare Island- 12/13- Battery rpt. To S&A- Reqst shipment batteries from Wash to Phila. 1-3 As 2/6 To S&A- ditte to New rl. 1-3 To Phila. 1-10		

RECEIVING & SENDING

Number.	Date.	From or To--	Subject.	
458798	11/7	Bur Standards Labr.	Fwds copies of preliminary report, vacuum tube transmitting set, for radio telegraph. W	
458865	11/13 11/19	Sperry Co. Washington	Fwds table of resistances measured on moveable tickler coil. Wash 11-24 Sample vacuum tube submitted by W. Sperry Co does not agree to drawings. Washington 11-25	
453015	11/19	To Secty	Radio telegraph reinstallation of radio equipment on battleships of Atlantic Fleet, in accordance with New Force June 5 system. Request extension of time stay of vessels, also expedite decision in this matter. W cc to Atl Fleet. 774	
458358 299 42141	11/18 11/17	To SEA Property accounting Off. 9/19 W To Int Rnt 1 Radio Tel Co. Request reply to Internat'l Devices Co; 10-25; W To Phila. Ask if set recd 11-18 To Director Nav. Com.	Request shipment from Phila to NY City radio McQuay-Norris trans set, W To Int Rnt 1 Radio Tel Co. Request return to Phila for disposition by Bureau 8/21/20 To Air Force 11-18- request hold radio equip for disposition recd fr m Int Rnt 1 Co 8/31/20; RB 10-29; List of wave lengths provided for 2 m arc 125 radio transmitters, being turn for equip for vessels. W.	
47899	11/20	Washington	Gives reasons why booth protecting relays manufactured by K&C Co. will fail; recommends Lowenstein Co be required to include these relays in motor buzzer relays. SW	629

Number.	Date.	From or To--	Subject.
457812	11/29	To S&A	Reqt shipment from Washington to New Orleans radio receiver W RB 4/12. W.
458936	11/21	To S&A	Reqt shipment from Washington to Phila 20 radio receivers. W
458946	11/22	To S&A	Reqt shipment from Washington to Boston 3 radio receivers W Boston 12/18
459267	11/22	To Cdt Washington	Reqt fwd radio receiver instruction books W RB 12/1 RB 12/80 Fwd S.O. Wash via 80. dmt. 12-12
459335	11/22	To Boston	(T) 11521 cc radio relay key SE five six five mfg N.Y. each DC cost 200 Bu will leave one key ship to Boston W
459268	11/24	To S&A	Reqt shipment from Washington to Boston radio arc relay key W RB 1/2
457084	12-12	To Boston	Relay keys being mfg'd at Boston. Advise as to the need of the keys. W To Cdt Boston 3/1

Number.	Date.	From or To—	Subject.
48215	11/7	Washington	Sulm report of test of sample water buzzer 629 transmitter sulm by Lowenstein Co, 30
457501	11/11	Bur Standards Labr	Calls attn to new type receiving developed by Western Elec Co. Rqst samples be se- cured.
457463	11/13	To S&A	Rqst shipt from Washington to Ft Wayne 12 vac tube type SE 1444 W
457179	11/14	To S&A	Rqst shipt from Phila to Washington One Gas engine driven re 10 trans set. W S&A Request action 12/27 To S&A. 1-8 Rb 1/21 To Rqst cancel order. 1-244
455620	11/8	To S&A	Transfer of vacuum tubes from U.S. Army to U.S. Navy. Rqst th t same be made for 75,000 prior to Jan 1st 1920. W Dept 11-21 Copy of action to War Dept. S&A 12/17
457828	11/15	To S&A	Acknow receipt of amplifier mentioned in Govt bill lading 218. W
457816	11/15	To S&A	Rqst shipt from Ancoxia to Schenectady airc radio trans set compl ith dyn meter W

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.	
✓ 458451	11/17	Washington	Type CD 1494 series antenna condenser have 2 KW arc radio transmitter; fwsd prints with comment and recommendations. W.	
✓ 458452	11/17	Washington 45715-229	Condensers have back contact of Morse keys; suggests one microfarad paper condenser be added to. W.	
✓ 458404	11/3 11/13	OO MONTANA Navigation Washington 5/4 W To Cdt Wash 1/6/21	Fwsd request of Ensign J.B. Dow for temporary duty at Naval Radio Labr Bur Standards. W fwd May 12/6 cov Pac Fleet and MONTANA To Wash. comments reqstd 12/8 RB 12/16 To Cdt Washington 2/17 To MONTANA - suggestions sub to Wash for cons 2/20 Washington 2/26 To Wash - asks rel progress 4-27	
✓ 458281 ²	11-15	Independent Wireless Telegraph Co.	Rest be supplied with complete set of man'g drawings of Fed 2 KW arc. To Liberty Elec Cor n- fwsd photostat prints of Fed Co drawing 11/18 Flt Sub Base-12:16	W
458013	11/17	To Fleet Base	Rel in re to amplifiers and batteries fwd Fleet Base for transmitt. E. v. can Forces. Re: ext. W RB 11-29 Fleet Sup Base- 11/29	
457005	11/17	To S&A	Rest shipment from Washington to May 1 Communications two vacuum tubes 12-W	

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
✓ 456817	11/7	Norfolk	Fwds request of Chief electrician N. G. Dowdall for investigation as to patent ability of new audion regenerative circuit; fws sketch To- Cannot use 11/14
456967	11/8	Phila	Request prints of K&C transmitters. W. To Phila- fws instruc booklet 11/11
✓ 413764	FROM CARD 236		CC POTOMAC 11-22- Rqst receiving set be renewed. To C. R. 16/20 with instr 11/2 cc to POTOMAC Chas. Request another receiver be furnished for instr on POTOMAC. (T) 12/5 To S&A shipmt from Washinton to Chas 12/8 RU 7/15 W Guam-T-reqt auth to retain ~~Sham~~ Cohen receiver- Phila-1:21 To Guam (T)-Retain Cohen receiver also parts listed: 1-24 To Phila 1/26 cc to MAINE KENTUCKY and SO Guam 2/2 Canc of ship order of 12/8/19 7/14/21 8132

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
457084	11/8	Washington	Suggests inquiries be made at Boston Yard
	11/8	Boston	as to type of relay key which is being manuf. W
	11/8	Boston	Request copy of enclosure
	11/8	Boston	not recd with letter 2/10. 2/26. W
	11/8	Boston	To Cdt Boston 3/25
457178	11/12	To S&A	To Advise as to the advisability of including the interlocking device. 1-21
	11/12	To S&A	To Cdt Boston 2/10
457181	11/12	To S&A	Request shipmt from Fleet Base to Mare Island
	11/12	To S&A	one gas engine driven radio trans set W RB 12/15
	11/12	To S&A	Mare Island. Request drawings listed be added. 11/29
	11/12	To S&A	o m 12-25 was 1 instruction books. 12-25
457182	11/12	To S&A	Request shipmt from Fleet Base to Boston one
	11/12	To S&A	gas engine driven radio trans sets. W RB 11-26
457183	11/12	To S&A	Request shipmt from Fleet Base to Great Lakes
	11/12	To S&A	One gas engine driven radio trans set. W RB 3/25
	11/12	To S&A	NY - 12/11
457184	11/12	To S&A	Request shipmt from Boston to MI 6 radio
	11/12	To S&A	trans sets. W
	11/12	To S&A	To Boston 11/25 RB 12/6
457184	11/12	To S&A	Request shipmt from Boston to Norfolk 6
	11/12	To S&A	gas eng driven radio trans sets. W RB 12/18
457185	11/12	To S&A	Request shipmt from Boston to Pearl Harbor
	11/12	To S&A	6 radio trans sets. W

RECEIVING & SENDING.

Number.	Date.	From or To -	Subject.	
454649	10:27	War Dept	Amplifier shipped to radio test shop from Camp Alfred Vail, reqst report cov. To Wash - test designated as design problem 55 and assigned class C as re urgency 11/3 Wash- Subm report of test of Signal Corps amplifier 2/25	W W
455039	10/28	To Phila	Desires standard plans be adhered to, rel to main radio room on destroyers and no charge units be installed in aux radio room for charge vac tube batteries. W	
455120	10:20 10:30	3rd Dist- NY	Reqst tem assignment of radio frequency amplifier.	W
455027	6/24	New Lond Exp Sta	Fwds extract from Royal Italian Navy Acad- emy report on modern receiving system used in radio telegraph;.	652
454906	11:1	To Phila	Reqst number of transm sets in store at Phila Ird. W Phila 11-28	
454907	11:1	To Norf	Reqst number of radio transm sets in store at Norf Ird. Norf 11/11	W

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Number.	Date.	From or To -	Subject.
✓ 455755	10:27	R O Shelton	Submits comments relative to idea for increased efficiency of rotary gap radio transmitter outfit. Cross to Patent. ~~To - not interested at present~~ 1/4
454910	11/3	To Boston	Bureau has assigned contract 36142 with Wireless App Co 11 trans sets to destroyers. Reqst advise disp of 8 gen retained at Boston. W
456253	11:5	Bu Stand	Submits scientific paper by J A Miller for census ship. W
456147	11/1	L J F Horle	Directive radio transmitter.
455625	11/5	Washn fwrds prints of specns for test of vacuum tools-1:23 To S&A Insp Chicago 11-21 War Dept Ask if desire to pur- chase tubes. 1/7 1/9-- Insp R C Mc- Defective tubes can be made perfect by replacing red wax with filler finally accepted 454999 11/6 To S&A New Lond-Sub Base-Lists materials prepared for shipt 12/3 5 Aircraft Factory - 3/3 456727 11:8 E C Hanson	Reqst shipt from Chicago to Washington vacuum tubes. W To War Dept 2/14 Inspr Chic- (T)-Inspection should be made by Inspr Brook. W 11/12 Inspr Chic- Ask if shall make new contract for vacuum tubes. 11/13 To C&C ship order 11/6 be amended 11/19 Reqst shipt from N.L. to Phila Air Factory radio trans set W To S&A shipt from N.L. to Anacostia trans set 11/10 AB 1/6 To Airs Fac 3/8 Possibility using audio system for trans- oceanic system wireless communication, submits comments. To Anacostia fwrds photostats 2/24 Anacostia-fwrds drawing of circuit 2/25
451920	see 271		

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
452456	10/20	To S&A	Reqt shipt of bakelite from New York to Washington, D. C. W. NY - 11:5	
452456	10:21 11/1/19	To MI 10/25	Tel No public bills received, wire date when same will be recd. MI-Tel. Fwdg public bills to bulbs upon completion of test 10/23 To Morehead vac tube Co. test complete at MI Copy 6513- No purchase of new rope nec.	W
453450	10:21	European Force		
453224	10:21	Bu Stand	Reqt copy of minutes of meeting of Vacuum Tube Committee.	W
453258	10:17	Marconi Co	Asks if have any detectors or amplifier tubes for sale. te- will advise later action taken 10/25	W
453504	10/23	Bar Harbor	Tel Sub report of test with tubes. W	903
453505	10/23	3rd Dist	Copy of report for test with vacuum trans tubes. Wire 1st- Copy 10/23 3rd Dist Copy 10/23.	903
453861	10:27	TO S&A	Reqt shipt of medium wave radio receiver from Washington to Schenectady.	

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Number.	Date.	From or To—	Subject.	
453777	10:23	Com	Copy of letter to 3rd Dist in con with tem assignment to compass station, radio frequency amplifier.	W
454343	10:27	Wash	Reports on development of oscillation control unit for extending range of reception of receivers. To: Auth mfg of oscillating control units: 1-3	W
454504	10:31	To Insp Chicago	Inspection of tubes, request inform how many now remain in custody of Western Elec Co. Insp Chicago—Will forward inform requested. Insp Chicago—Subm report of inspection. 11/10	W
454596	10:27	Bu Stand	Forw report on characteristics of Morehead tubes.	W
454546	10:26	C F Jacobs	Asks if have any radio sets mfg by Wireless Spec App Co for sale.	W
455033	10:27	TO S&A	Request shipment of battery charging panels from Washington to Philadelphia Yrd. RE 1/2	W
455034	10:27	TO S&A	Request shipment of 5 battery charging panels from Washington to Pg Hd. RE 12/10	W
42141	11/1	Washington	Report of test covering 2 KW arc transmitters SW.	629

RECEIVING & SENDING:

1919

Number.	Date.	From or To—	Subject.	
449664	10:10	TO S&A	Reqt shipment from Phila to Washington of 25 vacuum tubes. W	
440611	10:10	TO S&A	Reqt shipment from Washington to M I of 10 battery charging panels. W RB 11/10	
451438	10:10 10:13	F F Fogarty S&A	Asks if Bu has any salvage wireless sets for disposition. TO S&A—Returned. 10:31	W
451534	10:13	War Dept To Air Service 3/5 War Dept 3/30—Chart will be turn in few days W	Fwd's chart showing wave lengths of Navy sets. To - will fwd chart upon completion 10/16 War Dept—Reqt copy of chart. 11:6 To War Dept fws Chart 12/6 To War Dept 12/11 War Dept - 12/11	
451726	10:9	M I	Submits copy of thesis on Principals and Generation of elec tube for radio circuits. W	

898

Number.	Date.	From or To	Subject.
451881	10:14	Detroit Inst of Tech.	Asks if Bu can furnish two kw sets for instruction purposes. TO S&A-Have no obj. for arranging for sale 1/2 kw transm set. 11:1
450606	10/15	To Cdt Washington	Quotes from letter recd by, from F.G. Keyes request for purchase of radio equipment. Asks what mtrl available at Id W RB 10:27 TO S&A-Quotes text of letter recd from Mr. Frank C. Keyes, 10:31 Washington 11/12, Fwd S&A 11/16
450986	10/15	To Crocker Wheeler Co	(7) Fwd complete set vandyke prints two kw arc motor generator type fourteen thirty eight. W
450989	10/14	To S&A	Shpmt request from Washington to Fleet Base, 10 two step amplifiers. W RB 11-22
452109	10:15	Naval Observatory	Request new supply of audion bulbs for radio set be furnished, twis burned out bulbs. TO S&A-Request shpmt of radio vacuum tubes from Washington to Naval Observatory, Wash. 10:27

RECEIVING AND SENDING

250

Number.	Date.	From or To—	Subject.
445642	9/27	To 9th Dist	Re shipment of 1/2 hr radio transmitting sets to Great Lakes. W
448399	9/29	Wash	Instruc booklet for radio receiver and to BU. W
448937	10/1	War Dept	Amplifier under construc at Camp Alfred Vail will be turned over to BU, reqat be adv when received. W Iwd Oct, Washington 10/6 BB 11:5
448042	10/2	To S&A	Shipment reqatd from Washington to Mare is 26 vacuum tube detectors, 10 radio receivers W BB 10:28
448572	10/3	To S&A	Reqst shipment from Phila to College Park Re: radio transmitting set. W BB 10:9 To FO Dept: reqst return of loan. 8/30/20 To FO Dept: continuation of loan desired. 9/7 W To FO Dept: 1-17-21 Reqst shipment from Phila to College Park Re: two vacuum tubes. W BB 10:9
439235	8/15	To Phila	Asks info. what purpose caps are intended and upon what data the number being mfg was computed. W Phila 10/3.

Number.	Date.	From or To—	Subject.
✓ 449784	10;-7	<u>Paul A Newman</u>	Reqst auth to use photos, drawings etc. in a thesis on Wireless Spark Transm. W Lowenstein Co-Reqst action. 10/24 To P. A. Newman - permission granted provided marked courtesy of Dept 10/29
✓ 450606	10;8	<u>P G Keys</u>	Asks if Bu has secondhand receiving set for sale. W
✓ 450559	9;22	<u>Dept of Interior</u> (Alaskan Engr Com)	Reqst data for estimating purposes cov radio equip listed, are considering the replacement of present instal. W 10-11-10
449007	10;8	TO S&A	Reqst shipmt from N Y to Phila all tools, fixtures etc in con with Navy Ordier with Marconi Co. W to Inspr Brooklyn- Material packt and checkt. 11/18
449663	10;10	TO S&A	Reqst shipmt from Anacostia to Washington of 12 vacuum tubes. W

N.S.E. Form 134.

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.
445636	9/16	To S & A	Request shipment from Washington to New York one radio receiver and one vacuum tube detector. W
445644	9/16	To S & A	Reqt shipment from Portsmouth to Great Lakes radio transmitting sets W
445645	9/16	To S & A	Reqt shipment from Norfolk to Great Lakes radio transmitting sets W
446383	9/20	To S&A	Reqt shipment from Washington to Radio Divn Wash one loading inductance and one loading coil. W
446386	9/20	To Mar. Is Inscr Fed	(T) Dub Cond Co. advises condensers for two Kilowatt arc sets costs of 42.41 would be shipped with 1 at 1.95. ftes ar v of sample etc.. W sec to Fed Co. Porto Rico 2 States Dept resumed. W 9-24 Inscr Fed Have wired Wash office for antenna cond. 9-24
446399	9/23	To S&A	Reqt shipmt from Washington to Ft Wayne Ind radio app for use by GE Co. W
446818	9/23	To S&A	Reqt shipmt from Anacostia to Washington Yd radio vac tubes W TO S&A- Reqt ship mt from Anacostia to Wash be corrected. 10:11

Number.	Date.	From or To—	Subject.	
/ 447326	9:24	Boston Tel	Lists Hammond interfleet sets completed and reports fwd to Bu. W	
45765	9/19	Adams Morgan Co.	Impossible to bend mica for Morse key in manner called for by specifications. 3	629
35316	9/23	S&A	Vacuum tube costs at Hawthorne, N.Y. Plant gives result of conference between Insp and Representative and Col. Compares cost with cost to Army. WS	629
✓ 447829	?	Boston	Fwds correspondence in con with proposed re location of Appledore Isl Comp Sta. Cross to 919 - 1	
✓ 447946	9:11 9:28	13th Dist Com	Reports on research experiment conducted at University of Washington. Cross to 903	
448216	9:26	S&A	Asks if Bu can recommend small radio set for sale to L. K. Brown. W TO Wash-Fwd 10:11 R 10:27	
✓ 443084	9/27	To Great Lakes	To S&A- set in store yard Ex NY contract 25850 Mesco for sale Mr. B. 10/29 Re shipment of apparatus to replace defec receiver W	

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.
422765	9/4	To S&A	Req ship from Washington to Detroit one Insp Ford, 3/29 W. fwd S&A 4/3 W. RH 4/29 W fwd 4/16 W. fwd S&A 4/27 W. fwd S&A 5/8
442173	9/4	To Comdt Wash Yd	In conn with radio research problem No 29 req reps of Bureau be permitted to use 5 kw installn at Radio Test Shop W Wash Yd 9-15 Rqst for 5 KW spark equipment.
443684	9/5	To Comdt Great Lakes	Req defective receiver ship to Great Lakes under order 436 of 8/1 be returned to Wash. W To S&A req ship from Wash to Great Lakes radio receiver 8/8 RS 11:5 9th Dist-Reqst expedite shipmt of receivers. 10:14 to GL- ship made 10/24/19 lading 6476- 10/29
443993	9-4	Annapolis <i>Qno-1</i>	Fwds anode tips out in half as rqstd by Expert Radio Aide Pratt. W
444274	9/9	To Washington	Req copies of instruction booklets be fwd IN NY for radio apparatus. W
444865	9-10	Wash. Yd.	Fwds instruction booklet for motor buzzer transmitters. W
444981	10:13	To New Ori	Reqst shipmt of radio material listed. W

N. S. E. Form 134.
RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
444977	9/12	To S&A	Req ship from New Orleans to Puerto Sound radio trans sets W RB 11/20 New Orleans 9-27;
444978	9/12	To S&A	Req shipment from Charleston to Mare Island radio trans sets W RB 10;28
444983	9/12	To S&A	Req ship from New Orleans to Wash radio trans sets W Pug. Sd.- Material received 10/29
444982	9/12	To S&A	Req ship from N O to Mare Island radio RB 11/17 radio trans sets W N O-Byds change in material sheet. 10;8 New Orleans 10;10 To S&A cancel ship order 10/24
444989	9-13	To Insp'r Ford (T)	Advise if vacuum tubes listed as in excess of requirements. If so will be shipped to Western Elec Co for emergency shipment. W Insp'r Ford 9-15 (T) vac tubes ship N Y 8/31 No excess tubes on hand. W
445239	9/15	To Norfolk (T)	Instructions covering shipment ten two KW radio transmitters to Norfolk from Fleet Supply Base cancelled period Ten two KW transmitters will be supplied from Charleston W
445642	9/16	To E. Stollinger Department of Poland	Re: French mater covering high frequency alternators which left at Dept. W
445633	9,24	Phila copy	Tel conv. regarding painting of towers at Tuckerton. W

RECEIVING AND SENDING.

Number.	Date.	From or To--	Subject.	
440213	8-26	To S&A	✓ Request shipment from Wash Yd to General Engr. Lab, 24 Vacuum tubes--	W
441410	8-27	To Anacostia	Fwdg 1 copy of "Report on Vacuum Tube Conference of 6/20/19" and 1 of July 22nd.	W
	8:28	To Fed Co	Fwds drawings for designing wave changer. 732	W.
443109	8:30	Bu Stand	Sub spec radio report on on audion frequency circuit for coupling output of detector to input of amplifier. W	
445172	8-12	NOTS	Submits recommendations covg change in radio arc key. To Gunner O Peterson- commends exp 9/8 To Cdr Naval Forces Eastern Med- approval of substitution on PITTSBURG 9/8	W
445260	9-2	E. J. Simon	Send-receive switch and key- Fwds print. To- acknow receipt of dr 9/6	W

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
440813	8/28	To Bureau Standards Director.	Req material listed used in conn with test 24888 final report on which test sub on 8/5 be returned to Radio Lab Bureau Standards
416421	FROM CARD 225		To Annapolis—Req fwd duplicate copy to be furnished War Dept 9/2 Annapolis 9-4 Submits report on special tests. War Dept 9-4 States copy of log has not been recd To War Dept—will fwd it on commitment 9/10 To War Dept—fwd copies of log entries 9/16 Chief Signal Officer 9-19 Loop radio phone development—Submits report. (cross 902 and 875)
442366	9/2	To Secretary War	Reqt one radio audio frequency amplifier Signal Corps No BC 59 be loaned for test Radio Shop W
443717	9-4	Bur of Standards	Vacuum tube amplifier—Suggestions for rating.
443084	see card 249		
443715	9-3	Lowenstein Co.	Calls attention to a new and novel feature to arc type transmitter. To Lowenstein Co—acknow rec of ltr of 3rd 9/12 To— 1-20

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.
440225	8/20	To S&A	Req ship from Brook to Wash Bu Standards vacuum tubes W Inspr Brook-Asks if defective tubes shall apply on shipment ord. Inspr Brook 9-8 Only 18 tubes were packed for Washington Yd. only 18 shipped. To S&A amend SO 8/20 9/22 shipment ord of 9;22 RB 10;10
441192	8;21	Bu Stand	Rwds report on power tube. W To Ordinan - rwds copies of reports 10/4
441186	8;21	Bu Stand	Rwds report on use of vacuum tube as gen. W
441172	8;21	Norfolk	Reqst Wash Yrd be furn 12 complete sets of spare amplifier transf windings W To S&A-Reqst shipment from Wash to Norfolk of 12 radio amplifiers transf. 8;28 RB 12/10
440 226	8/21	To S&A De Forest Co. 2/3	Reqst shipment from Fleet Base to N.Y. City DeForest Co. radio ampr. W To IN NY-req info re action taken 10/6 cc to DeForest Co NY-Switchboards deliv to DeForest Co. 10;10 DeForest Co. 1-7 DeForest Co. will return equip to N.Y. if so desired. 1/8 To DeForest 1/26

Number.	Date.	From or To--	Subject.
✓ 441485	8:5 8:23	Naval Attache-Paris Com	Fwds copy of let from Lt D Bellescize rel to wireless rec app, especially intended for trials in U. S. W
441410	8:26	To Wash	Report on vacuum tube conference. W 8:20 To Wash-Reports on vacuum tube conf. 8:25 To DeForest Radio Co-Fwds report of vacuum tube conference held 6:20 and 22nd. 8:25 To GE Co-Fwds report of vacuum tube conf held 6:20 8:25 To Bu Stand-Reports of vacuum tube conference held 6:20 8:25 To Western Elec Co-Fwds report of Vacuum Tube Conference held 6:20 8:25
441425	8:27	TO S&A	Reqst shipment from Boston be returned to Dubl Cond Co. 8:28
441976	9:26	Anacostia Radio Lab	Comments on amplifiers which include detector bulbs. W To Bureau Standards-fwds for comments suggestion made by Rad Lab and Wash Yd 9/2
442366	8:27	Washington	Reqst Sig Corps sub Amplifiers to Lab for test. W

RECEIVING AND SHIPPING

Number.	Date.	From or To—	Subject.
438698	8/13	To S&A	Req. shipment from Washington to Mare Island radio receiver W RB 12/12
439222	8/13	To S&A	Req. shipment from Washington Bu Std to SO Washington Yard radio receiver W
439223	8/13	To S&A	Req. shipment from Wash to Lab Bu Stds Wash one radio receiver W RB 11/14
439528	8/15	To Bu Standards	Req. report condition of tubes loaned to International Radio Co W
439567	8/12	Wash Test Shop	Sub report of radio material turned over to ship section, W
439670	8/5	European Force	Copy 4468-Lt D.E. Bellesize unable to do anything in con with rec. CRASH to 652

1011

Number.	Date.	From or To—	Subject.
✓ 439833	8:11 8:14	P E Lehde Com —	5 kw station of spark type, asks if Bu can furnish app for instal in Latin American country. W 10- no excess supply of sets available 8/20
✓ 439542	8/16	To NY	Confirms phone conversation req stems be taken to obtain and ship to Wash Radio Test Shop one set of receiver copper lug as shown on drawing W
✓ 440015	8:15	Washington <i>g+e</i>	Instructions cov radio compass for stand navy spark trans. W
✓ 440178	8:14	Bu Stand	Sub special radio report on study of arc and spark trans reception. W
✓ 440700	8:19	Fed Tel Co SEE CONTRACT 42141.	Fwd's prints showing outline of auxiliary hand key and Morse key. W

RECEIVING & SENDING: RADIO

Number.	Date.	From or To--	Subject.	
✓ 437028	7:51 8:2	International Mercantile Marine Co. Com	Reqst inform re suitable and efficiency type of radio equip for instal on passenger vessels. W	
✓ 437357	7:30	War Dept	Eda pamphlet on Two Way T P S set. W	
436579	8/4	To SEA	Reqst ship from Washington to Mare Is. one radio arc transmitting set. W	
✓ 437914	8:1	MI	Reqst technical report lists be furnished. W	
48057	5/7	Wireless Emprvt Co	ack when received, a set of motor buzzer transmitters is so ordered. W	329

RECEIVING AND SENDING: RADIO

Number.	Date.	From or To—	Subject.
437220	8/7	To Fleets and Europ Forces	Reqst bring to attention of CO's that form NSR 25 B when sub show every piece of radio material on board with full description, include plate data. cross to 876 and 914— BB from Pacific Fleet 8:19 European Force 8-29 Fwds copy of circular letter #A-6. Re at position of receiving sets listed 8'4 at Quantico.
437660	8/5	NY	
438707	8/7	Boston	Radio receiver and storage battery removed 8'0-6 from storage to station, on 7
437614	8/9	To S&A	Req ship from Fleet Base to Newark N.J. Two West on voltmeters. W West Elec Co—Returns ship order 8:18
437931	8/9	To <u>Kimble Glass Co.</u>	Req fwd bill in duplicate for our order 408839-898 of 6/11/19 covering one pound 1/4 inch amber glass tubing W
438665	8/11	To Cdt Washington	Req fwd one dozen copies of instrns booklet for type SE 1420 radio receivers W
436346	8/12	To <u>Western Elec Co</u>	Fwds drawing showing proposed contact pin arrangement of vacuum tube which devel work being done. Asks if arrangement satisfactory for mfg purposes W
438697	8/12	To Cdt Wash To DeForest Co. fwsd enclosures rel tests 4/3	Rel 5 vacuum tubes sub for test by DeForest Co. W Washington 11/8—Test will be held up. To Cdt Wash—reqt report of test 3/4/20 Washington—Subm report on test of vacuum transmitting tube subm by De Forest Co. 3/30 W.

RECEIVING AND SENDING : RADIO

Number.	Date.	From or To—	Subject.
435645	7/29	To IM, N.Y. To Cdt Phila 11/25	✓ Request check receiving equipment on board PERM. S. W. A. and ARIZONA so that duplication of parts will not be made in new standard Battleship receiving equipment W To Norfolk ditto OKLAHOMA 7/29 To Puget Sound ditto WYOM ARK NY and TEX 7/29 To Phila ditto NEVADA 7/29 To Boston ditto UTAH FLA DELA and N DAKOTA 7/29 Cdr S. 4 Phila Sub inventory 8:2 Nonf-lists radio material available on brd OKLAHOMA 8:7 To Wash- req eliminate from ship order o batteries 8/16 cc to Phila and CO NEVADA To S&A req ship from Wash to Phila radio tele material for installn NEVADA 8/18 RB 9/23/20 W. -- To Wash-Regarding rec equip for Nevada, 8:23 To West Elec Co Gives dimensions asked 8:23 Pg 5d-lists rec equip on brd vessels listed. 10;10 Request shipmt from Fleet Base to Yard Wash radio quenched spark gap. W
435661	7/30	To S&A	
✓ 435804	7/30	Fwd Intelligence ✓	No objection to publication by Lt. Kitchen translation of French Treatise on Threa Electrode Vacuum Tubes and their Use W To SE- H. W. Kitchen Lt. req permission to publish treatise. 7/29
✓ 436346	7:30	West Elec Co	Allowance to be made for defection and partially completed vacuum tubes, gives policy Company will pursue. W West Elec Co 10;25

Number.	Date.	From or To—	Subject.
✓ 436404	7:23	Transpacific Circuit	Fwdc copy of instrnc for operating radio arc transm. W
436434 (Old Number)	8:20	Alien Property Custodian	
✓ 438400	7:30	1st Dist	Crystal detector for use on spark set during time of practice or when heavy firing aboard ship. Recd 8/5 W
		of the device to service use- 8/27	To Otter Cliffs- commends interest taken in devel of appr 8/5 fwd Comdt Wash 8/5 BB 8:13
434724	7/31	To S&A	To E. L. Adams- Sketches of shock proof detector have been examined to determine suitability of ship from Washington to Norfolk radio receiver and amplifier W To S&A ship from Norr to Wash 2/9
434726	7/31	To S&A	✓ Req shipmt from Wash to Ph radio receiver and amplifier W To S&A shipmt from Ph to Wash 9/22/20 W/
✓ 436994	8:1	Marine Engr Co	Reqst infor relative to comparative suitability of arc and spark radio tel app for genl marina use. W

RECEIVING AND SENDING: RADIO

Number.	Date.	From or To—	Subject.	
434066	7/23	To S&A	✓ Reqt shipt from Washington to Phila three radio motor buzzer sets. W RB 9/23/20 D.	
43141	7/17 7/21	Red. Tel. Co. S&A	Submits Co's inter. app. tion of spark cogs and radio transmitters. SW.	6:9
43945	7/17	Lowenstein Co.	was instructions with negatives cover- ing 100 radio sets. SW	6:9
435033	7:23	DeForest	Reqs use of 2 kw spark set for use with Howard tube and rectifier in place of spark gap, reqst set be loaned to Co. W To- equipment being shipt 8/13	
435323	7:25	Post Office Dept	Reqt infor including photos, spec etc. on Navy rec set. W fwd Washn 7/29 RB 8:7 with booklet. To Wash-Fwd 8:23	

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
434728	7/25	To S&A	Req ship from Norfolk to Washn one radio relay key
435248	7/11	To NY	Assignment of 2 kw 120 volt radio transmitting sets, circ on contract 40339 with K& C. W To NY- assign of three sets to TENN ARIZONA and PENNSYLVANIA 7/25 New York- Rel to radio stg battery for TENNESSEE. 12/1 X TENN 6. To - Assigns battery from stock for installation on the TENNESSEE. 12-27
435449	7:25	West Elec Co Tel	Folk out of town, cannot give final word regarding tube motor tel until 27th. W
435143	7/26	To S&A	Req shipment be made from Washington to SE radio receiver and audion control box W
435153	10:22	Westinghouse E & M Co	Asks if will grant license for more than 4 kw capacity. To Westinghouse E & M CO- Not prepared to grant license 10:31 W

RECEIVING & SENDING:

Number.	Date.	From or To -	Subject.	
✓ 433399	7:15	Bu Stand	Have no experience in use of face silicate in con with vacuum tubes.	
✓ 433789	7:14	✓ Lt H W Kitchen ✓	Report on device devel by French Gov in sup voltage to the plate circuit of trans vacuum tube from the direct current sup of the filaments. W	
✓ 433970	7:18	<u>G E Co</u>	Fwds memo concerning adv of continuance wave trans set over mod form of spark set. W	
✓ 434157	7:7	Pearl Harbor	Relay operating main key high power station, fwds photos. W	

Number.	Date.	From or To—	Subject.
✓ 434191	7:21	Inspt GE Tel	Complete delivery of radio trans app to N I base will be made by special messenger in two or three days. W
✓ 434203	7:21	Ph Tel	Reqst booklet and diagrams of Marconi 2 kw trans. W To Phila- fnds copy of instruc booklet 7/24
✓ 434266	7:19	S&A	Fnds card from Cost Insp Western Elec Co showing protection of vacuum tube at West Elec Co. asks if portion of defectives were due to negligence on part of cont. W
✓ 433724	7/21	To Bureau Standards	Reqst that box plate vacuum tube delivered to Radio Lab by rep of Bu be tested W Bu Stand-Sub report of test of box plate vacuum tube. W 8:2
434395	7/23	To S&A	Reqst shipment from Washington to Mare Island radio apparatus for stock W RS 10:22
TO CARD 4/1	7/23	To S&A	Reqst shipmt from Washington to Mare Island radio apparatus for stock W RS 10:22
276	7/23	To Cdt MI- reqst cano of shipmt order of 3/19 4/5	Reqst shipmt from Mare Island to 3/19/20 Cancelled (Authority Radio Expt Floyd).
434396	7/23	To S&A	Req ship from South Brook to Mare Island radio apparatus W To Fleet Base- req status of shipment 9/20 Fleet Sup Base- Reports on shipment. 9:23

Number.	Date.	From or To--	Subject.	
42141	6/19	Wash. Yd.	Subm report on test of sample 2 Kw arc sets made by Fed. Tele Co.	629
✓ 430501	7/9	To Puget Sound	Tel: Twenty short wave receivers type SE one four three expressed Puget Sound from June twentysixth loading two three six six six W	Nor
✓ 431960	8:23	✓ Navy Purchase Ord Paris	Fwd's copy of deliv notice from French Govt gov radio sets paid for, reqst public bill be signed and returned.	W
✓ 431860	7:14	C&R	Fwd's correspondence: To Purchasing Officer, Paris- Returns orig of Public Bill 370 7/15	
✓ 432086	7:11	Wash Leonard Co	Order from Wireless Imp Co gov resistance gov motor buzzer sets, asks ampere rating desired. Fwd Comdt Wash. 7-16 Washington 10/31	W
✓ 431843	7/15	To J.H. Bunnell	Reqst info if Co can furnish sixty Wheatstone British Post Office type Polar Relays W To J H Bunnell & Co- Desires state preparing plans for number of control panels 7/24 Y H Lovell-Sub quotations- Bunnell 7:18	

RECEIVING AND SENDING

1919

Number.	Date.	From or To—	Subject.	
432262	7/15	To Bureau Standards	✓ Conference on vacuum tubes and vacuum tube apparatus will be held 7/22/19. Reqt send representative of Airc. Radio Lab. W To Comdt Washn. ditto 7/15 To Marconi Co di tto 7/15 To DeForest ditto 7/15 To Western Elec ditto 7/15 To GE ditto 7/15 To War Dept ditto 7/15 To Radio Lab Bu Std ditto 7/15	
432644	7/15	To Comdt Washington	Encls copy of "Methods of Signalling employed by British Naval Service. W	
432537	7:7 7/14	Cost Inaptr West Elec Co S&A	Special equip for mfg of vacuum tubes sub summarized statement of cost.	W
432647	7-16	To Comdt Wash	Tests on 2 KW Federal Arc Sets. Repts prints. W Wash-Encls copy of test on 2 kw arc set. W 8:9	
431389	7-16	To GO Brunswick Station Georgia To S&A req ship from Brunswick to Onash trans et and radio rep radio telephone 7/24 R B 9-15	Radio apparatus for store at Norf. Lists material available. Repts give full name list data on each of items listed. W Brunswick 7:19	

RECEIVING AND SENDING

1219

Number.	Date.	From or To—	Subject.
✓ 429960	7/5	To GE Co	Auth supply Mr J H Rogers, with appr. W
✓ 429943	7/3	To Comdt Phila	Asks fwd report covering test of CD-1448 protective devices. W Phila fws report cov protective device. 7:22 Ph fws copy of report of test of protective device 7:23
✓ 430392	7/7	To Western Elec Co.	Assigns type number CW-1585 to vacuum tubes of power being developed and tested by Dr. Wilson. W
✓ 430732	6:30 7:8	Brit War Mission S&A <i>H. J.</i>	Reqt infer concerning order for 10 trans sets. W Fwd S&A. 7-15 To Insp Chicago— one set fwd to Bu as sample has been accepted and made to apply on order 7/17 Insp Chicago fws copy of report. 7:18
✓ 429664	7/8	To Rad Tel Co	Acknowledges receipt of six film negatives 5 kw radio arc W
✓ 431045	6:18	European Force	Fws bill of lading cov shipmt of two radio tel sets purchased from French Gov and fwd to U. S.

Number.	Date.	From or To—	Subject.	
431481	7:5	Sig Corps	Fwds instruo pamphlet, parts listed and drawings of radio set.	W
430357	7/9	To <u>Westinghouse</u> Co	Advises that any time representative of Co in Wash will be glad to confer with him re methods for solution, vacuum tube problems. W	
430370	7/9	To BLACK HAWK FLAGSHIP	Reqst destroy burned out tubes in presence off officer. W	
431092	7/9	To S&A	Req ship from Washn to H Rds radio receiver for Opr Base H Rds. W R B 9-11	
431097	7/5	To IM's Comdts	Fwds instructions for operatin radio arc trans. W	
431390	7/9	Atl Flt Copy	Recommends as much of radio installation be made on battleships Atl Flt pending Navy Yd period- recommends battleship receiving booths and motor buzzers transmitters- W	493

1919

150 ✓

ROUTING SLIP:

Number.	Date.	From or To--	Subject.
✓ 429726	7/1	Bu Stand	Will send report 5 cov Bibliom. by of vacuum tube report will send in, R.C. 10 Sig Corps.
✓ 429820	6/30	Deforest Co	Sub report on the 11th Oscillation trans and 500 cycle AC unit To- acknow rec of 6/30 asks sub sample 8/9 Deforest Co- 7/11 To Was - fwds sample for test and recs 9/8 To Wash- req samples be tested 10/8
✓ 428994	6/30	To S&A	✓ Request ship from Washington to Schenectady two airo radio receivers. W
✓ 429385	7/1	To Washington	Request 5 kw trans be tested with view of observing temperature rise in rod when trans is available for investigation. W Washington 10:30
✓ 429380	7/1	To S&A	✓ Request ship from Washington to Mare Island radio receivers W RB 12/2

Number.	Date.	From or To—	Subject.
✓ 430049	6:30	War Dept	Reqst that Sig Corps be furnished with to S&A- fws threesenc under cog of S&A 7/12
✓ 430357	7:5	Westinghouse Lamp Wrks	Reqst invitation to attend future conferences on vacuum tube app.
✓ 430354	6:21	Westinghouse Lamp Wrks	Reqst copy of drawing of sockets used on vacuum tubes. To Westinghouse Co- suggest write Signal Corps for info Reqst 7/10 Westinghouse Lamp Co- 7:26
✓ 430307	6:14	Air Mine Force	Reqst that instruc be issued cov disposition of audion tools.
✓ 429952	7/5	To Connecticut Tel & Elec Co.	✓ Asks if can sub samples of tube invented by Mr. Donle, for test radio lab. W Comm Tel & Elec Co- 7:10
✓ 429959	7/5	To Washington	Fws copy of spec report from Phila yd. W trans mfg by Sperry Gyro Co

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.	
✓ 428734	6:25	GE Co	Devel of improved rec tube, reqst Bu furnish wiring diagram of rec, amplifier and cont box. fwd Washn 7/3	W
428053	6/26	To Firms	Asks comments covering development of vacuum tube app for radio communication, believes field should be kept open to competition. W DeForest Co makes exception of last over Co invention and idea to competitive firms. W 6:30- West Elec Co 7:8 To GE- asks reply to ltr of 6/25 7/21 Genl Elec Co- 8/11 fwd copy of specns for 10 kw radio trans W	
✓ 428054	6/26	To Signal Corps ✓ E R Cram Radio Engr. C/A ✓ Marconi Co.		
428141	6/25	To P.A.	Transmitter ship to Co. will be recd. - to later modification; listed have been incorporated. Part of Co. is submitted with manual and be author to purchase material nec. W-2.	CS9
✓ 4289053	6:27	Wireless Imp Co	Reqt latest mfg instruc and drawings for 5 kw transm be furnished. To Wireless Imp Co- sug reqst thru Postoffice Purchase Dept 7/3	W
4289271	6:28	Charleston 7/7	Reqt instruc as to disposition of audion tubes listed or found out in use. To Chasn- reqt tubes be destroyed in presence of officer as scrap 7/9	W

Number.	Date.	From or To	Subject.	
✓ 429537	6:28	American RR Corp To American RR Co-informs that detector cannot be used at present 10:14	Fwds sample of detector also photos of same. W To American RR Corp-No record of rec detector. 8:28 American RR Corp-States detector was left in office of Chief clerk of Bu. W 8:29 Fwd Wash 9/6 Wash-Sub report of test of crystal detector 10:9 Request info if material listed recd. W NY 6:12	
427655	6/28	To NY		
✓ 428995	6/30	To Fed Tel Co	Fwds specfm W	
429000	6/30	To Comdt Wash	Fwds copies of drawing. W	
42141	6/26	To Wash.	Requests tests be made to determine the note and radiation of transmitters. W.	629
✓ 429492	3:28	Sig Corps	Fwds copy of letter from Gen. Mail sub Committee with photo and vacuum tube.	W
428660	10:2	GE Co	Asks if sat to sell amplifier to Mr. Rodgers. W To- satisfactory to sell same 10/9,	

RECEIVING AND STORING

1010

✓ 276

Number.	Date.	From or To—	Subject.
426901	6-21	To Vila	Tel: For District Radio Material Officer two kw radio trans set for Cape May expressed from Fleet Base June 18th in line two four eight seven period testing unit will be shipped later W
45920	6/23	N.Y.	Recommendations for changes in model-L- 629 emergency transmitters. S&W
45919	6/20	Boston	Subm data on Model L emergency transmitters 629 manuf by American R/R Corp. N. S&W
406150		FROM CARD 213 To Wash-	Request test be made of gap and std Navy report sub covering 6/24 To Norfolk ce to Washn sep corres- upon compl of test Norfolk will advise results 6/25 Washington- Test of 6 kw pushover gap design for Norfolk Yard- Report covering. 12/15 To I.N. Norfolk 1-19 Norfolk-1-23 To Cat Wash 2/6 Washington 3/10
427388	6/24	To American Gas & Cond Co	Confirms del of copy of specns W
427389	6/24	To Western Elec Co	Confirms del to rep two copies of drawing W To GE ditto 6/24

4 3381

RECEIVING & SENDING:

Number.	Date.	From or To-	Subject.	
425998	6/11	Wash	Fwd copy of correspondence with Westinghouse Elec Co re devel of vacuum tube and patent on same. To Westinghouse Elec Co- Tel. Re R & W Elec Co has in service of our small vacuum tubes which they wish to see on govt test will this be satis to you B E Shackelford, no objections 6-18 (referred to Bu for reply)	
417640	6-16	To S&A To Wash- req prepare inspec spec covering testing of second grade vac tubes 8/29 To Wash req inspec spec be prepared 8/29 To Inspr Unit cannot issue instruc until S&A made contry with Western Elec Co 8/29 Wash 9-10 Fwds proposed test spec covg 2nd grade vac tubes To Inspr Fed.	Fwd report on conference on disposal of defective vacuum tubes- rec that Sales Dept of Western Elec Co consult with the officials of Bu re to S. Officer U.S. S&A- Fwds correspondence regarding disposition of defective vacuum tubes. 7:19 Inspr Unit- 8/21 - Fwds copy of specifica for 2nd grade vacuum tubes. W. Ampl of manuf of 2 KW arc transmitters 629 will not be issued till sample trans have met acceptance test in accdnce with specifications. 7-5.	
42141	6/6			
45217	6/10	Mare Island.	Subm report of tests of vacuum tubes at Mare Island. W&S.	629
45919	6/10	To Boston	Instruction books have been compiled and expect to have them delivered to Boston not later than 6/21. W.	629
30864	6/11	Marconi Co.	Subm summary of defects, faults and shortages disclosed by acceptance test, 50 2 KW radio transmitters; must be taken up with Eng. Sd. for adjustment. 7-5.	629
425471	6-17	To Bureau Standards To War Dept- req reports fwd to be kept confidential 6/4	Recd six more copies of report on progress of test on three power tubes be supplied for distribution. W. Bu Stand - 7:5 War Dept- Asks for whom test of power tubes are intended. 7:28	

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.	
✓ 43680	6/12	Insp'r Brook.	200 KW radio transmitting sets. Internat'l. 629 S. I. Co. - tests should be conducted at Westinghouse plant - 2 wds correspondence & prints. 7.	
✓ 426751	6:19	H C Co	Asks if test indicates that 1/4 hp nec to dry motor buzzers To Holtzer Cabot Co- Tel 6-20	
✓ 427166	6:19	De Forest Co	Two type U water tubes with stand navy base To Bu To- asks further info 7/7	W
✓ 427199	6:19	Bu Stand	Eds. report cov 5 kw tube. req'd to be used in con with test on power tubes.	7
426793	6-20	To BMA	✓ Req ship from Wash to Boston five medium Amend. of ship order 5/15/20 RB 5/27 W	
426797	6-21	To J&A	✓ Req ship from Wash to NY via same route by Inter-Am 2-10 Tel Co W RB 7:10	

1918

Number.	Date.	From or To--	Subject.
✓ 414978	6/10	Boston be given destroy in future 6/25 To W J Gidy- via BRIMINGHAM- acknow receipt of sketch 6/25	Plans sketch of arrangement of telephone head set transfer switch suggested by Gunner C F Gluck with ex. Laboratory Memorandum. To R W Justice via Comdt Boston, acknow rec of sketch and descrip 6/25 To C F Gluck- acknow receipt of, plans and auth for installn will Subm drawings of 30 KW arc transmitting; 629 equint. ...
✓ 425039	6/12	Bu Stand	Modulation test of DeForest transn, sub report cov with oscillogram. W
✓ 425038	6/12	Bu Stand	Reqt permission to purchase amplifier from G & Co. To Bu Stas- has n. objection to purchse of equipment from GE Co. 6-21
413764	From Card 228 see 232 & 236	US Destroyer-Instruc in con with refusal radio app. 6-11 To S. M. 200 salo from Wash to J. L. H. 6-11 to radio paper 6-19 to S. M. 200 ship from Washn to DOL. 6-11 re ship 62-20 To S. M. 200 re script 6-20 CO CASSIN-Reqt short wve rec shipped 6:19 Sampson-Reqs short wave rec shipped 6:19 CO Winslow-Reqt short CO ERICKSON-Reqt short wave rec set	CO JUPITER-Reqt short wave rec set be replaced. Cross to Jupiter ✓ To SCOTTIE-rei to shipment 6-12 To MINNESOTA rei to renewal of radio receiving appar on board vessels 6-12 S. M. 200 req ship from Washn to DOL. 6-11 at r for 6-11 WYOMING 6/11 Reqt latest type receiving app US Destroyer Force 6-Instruc (cross WYO-6) that ship discontinue using ship circuits to sup current for B battery W CO Winslow-Reqt short wave rec set be replaced. Cross to Winslow -6 6:20

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.
45920	6-3 6-11	NY S&A	Req info re purpose of transmitters recd W 629
424353	6-12	To Comdt Washn	Reqt 25 coils for Break w lay key be mfg for Intra Fleet Set. Wash 9-6 25 coils for break relay may have been mfgd.
42349	6-10	To S&A	Req ship from Phila to NY porcelain insulators- W To International R T Co- will fwd insulat re place breakage if any 6/24
424350	6-13	To War Dept	Advise 12 copies of drawing d81 by rep of Bureau to Radio Lab. W
47933	6-14	To Firms. Comdt Wash Yd War Dept.:	Rel to vacuum tube conference Bureau June 20th. asks send representative W To Bu Ste- rel to conference 6-16 Marconi Co- rel to copy of minutes of meeting. 6:24 To Marconi cannot fwd minutes 7/11
425570	6:14	Wireless Spec Co	Asks if there is a market for 5 kw sets. W To Wireless Spec Co- trans in most cases are not to be disposed of any time in near future 6-21
425898	6:13	De Forest Co	Reqt three electrodetectors tubes and special trans tubes made by De Forest Elec Co be furnished for devel work. W To De Forest Co question of loan being taken up with Cos 7/3

RECEIVING AND SENDING

1914

Number.	Date.	From or To—	Subject.	
✓ 423089	6-6	To S&A	Request shipment from Brooklyn to Airc Factory Bill 12 airc radio transmitters. W RB 3-17: Washington 3/24	
423086	6-5	To S&A	✓ Req ship from Schenectady to Roselle Park 14 vacuum tubes. W To GE—Request that records be corrected. 10:13	
✓ 423716	6:4	S Cunningham	Asks if Bu has radio rec for sale. To H Cunningham— not in position to make purch 6-11	W
✓ 424024	6:2	Inspr Fed	Sub information re operation of high speed key devel by Fed Co.	W
✓ 424033	6:5	Bu Stand Lab	Vibration test of radio tel transm. report cov.	W
39850	6/5	To Inspr GE.	Best supply Bur with list of component parts and spares for radio transmitters and cost of each part. W-5	629
424466	6:9	Ph	Advise spacing bars removed from Wireless Spec 2 kw transm, will report on defects. To Washi— del of two spacing b rs removed from Wireless Spec trans contract 30866— 8/11 req test—	W
42945	8/7	N.Y.	1/2 KW radio transmitter, Lowenstein Co. — report of test. W.	6:9

Number.	Date.	From or To—	Subject.
✓ 407400		From Card 215	Wash-Cond sent by Bu Stand for test, reports on <u>Cross to 882-1</u>
✓ 424312	6:4	Carnegie	Reqt sat for Carnegie. To Carnegie Inst. can supply set as listed 6-10 Carnegie Inst. 6:14
✓ 424440	6:10	B E Shackelford (Westinghouse Lamp Co)	Kilbourne & Clark-Reqst sample of vac tube. If this sat. To Westinghouse Co- satis, assumes no responsibility for any patent questions or litigations may arise with complying with reqst 5/28/33 6-16
✓ 423874	6-10	To NY	On June 7th fwd to office prints rel to check of trans mfg by Lib Elec Corpn under Cont <u>45920-</u> W NY 6:13
✓ 423880	6-10	To S&A	Req ship from Washn to Lowenstein Co radio frequency ammeters W.

1918

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
✓ 420986	6-4	To Bureau of Standards	Will be necessary that Secty of Technical Advisory Comm. on Vacuum tube standardization be supplied with six addtl copies of papers as listed. W
422499 To Washington Equipment	6-4 7-16	To S&A Fwd's correspondence re lab	Req ship from Boston to Washn radio apparatus for use Radio Transmitter Lab yard. W
42141	5-28	Insp'r Fed	To S&A reqst trace material 7/5 In comm w certain modification on 2 kw arc trans sets ask in satis W&S S&A - 7:8 529
✓ 422498 To Radio Officer Ship	6-4 7-16	To S&A Flt Sup Base Calls attne tion to Shipt order of June 13th with amendment 7-16	Req ship from South Brook to Washn radio apparatus for use radio trans lab yard. W To Fleet Base will issue one of them 6-12 To S&A req ship from Fleet Base to Washn one radio trans set 6/23
422500	6-4	To S&A	Req ship from Phila to Washn radio apparatus for use radio trans lab yard. W
✓ 4225 01	6-4	To Comdt Washn Yd	Authorizes drawing fro store and turning over to Radio Trans Lab. for permanent use radio material as listed/ W
✓ 422017 To I.M. Ny Instructions	6-5 7-16	To NY Fwd's prints of mfg'g NY - 7:19	Fwd's set of RE 17A 62 a mfg instruc for 1/2 KW emergency radio spark transmitters model "L". W NY 6:16 NY 7:1
✓ 423011	6-5	To Manhattan Elec Sup Co	Assigns type no. W Manhattan Elec Sup Co 6:13

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
413764		FROM CARD 228 To S&A S&A CARD 234	Req ship from Washn to KERSAGE radio rec type SE 1220 contract 42615 with Westinghouse Co for installn KERSAGE W 6-5 To S&A for ship from Washn to CO JAMES radio receiver 8-10 CO JAMES 6-31 CO JAMES 6-17 To BRITTON- reqst turn in store 6/28 To SAMPSON- reqst turn in store 6/28 To WYOMING- reqst shipment to CO reqst compl installn turn old material in store 6/28 To S&A req ship from Washn to VERMONT and control box 6/28 to VERMONT re ship 6/30 CO NICHOLSON-7:1
423312	5:7 6:4	American Embassy Com	Transfer of Bellescize's patent right to Signaux Electriques pour Chemins de Fer. It Kitchen - Sub report on Belliscize system 7/3 To Bu Std fws copy of report It Kitchen 7/3 To Paris France- cannot at this time op the Belliscize system 7/3
423621	6:5	Boston	Bu Stand-Comments on belliscize Duplex system. 7:16 Design of tel head set trans switch for use with rec app. fws correspondence and prints in con with.
423548	5:25	Lowenstein Co	Fws drawings showing manner of running off pressure surface 1/4 kv units. To F Lowenstein Radio Co req fws copy drawing 6/30 Lowenstein Co 7:3
423430	6:5	War Dept	Reqst copy of report on Bu Stand test on power tubes bc furnished. To Bu Std's test rec 16 ports to Tech St. ff direct 6-16 To O rd re above 6-16

RECEIVING AND SENDING

1319

Number.	Date.	From or To—	Subject.
422094	5-31	To Federal Tel Co	Assigns type number W
422765	see card 248		
422678	5:23 5:29	MI Sayville	Reqst mfg reqsn for 500 spark gap brushings. W Fwd MI 6-10 RB 7:8 Fwd S&A 7/17
422731	5:31 Boston 7/2.	Boston	Recs for use of compound for improvement on construction of E & J tubes. W Fwd Washn Yd 6-6 RB 6/16 To Boston- calls atten to fact nomenclature "E and J" not navy type number 6-7 To Boston- req info re difficulties 6/25
422992	6-2	VOID To Westinghouse Co	Fwds print of photo-size radio antenna model type 45-4035 W
422102	6-2	To S&A	Req ship from South Brook to Washn. Bu Std radio transformers. W RB 6:20
36140	5/29	To N.Y.	Req N.Y. Yd. communicate with Pug Sd 629 rel to completing repairs to transmitters. W-S.

Number.	Date.	From or To—	Subject.	
✓ 422912	6:2	<u>Bu Stand</u>	Compound heterodyne method of resuction report cov.	W
✓ 422944	6:2	NY	Request expedite shipment of 50 receivers for stock. NY-Request expedite shipment of rec. W 7:19 fwd Wash cc to DM NY 7/24 RB 8:7 fwd NY 8/11 RB 9:24	
✓ 422106	6-3	To Phila	Fwls cy of Instruc for install care and operations radio spark traps sets with 335 mc driven gen mig by Lowenstein Co. contr 20332. W	
✓ 420987	6-3	✓ To Comd'g, Bu Side, Firms, War Dept	✓ Fwls copy of report of vacuum tube conference, May 20th-- at which present. W	
✓ 422914	6:2	<u>Bu Stand</u>	Uni direction receiver, detailed report cov.	W

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
✓ 421146	5-27	To S&A	Req snip from Korf to Washn radio transmitting set. W
✓ 421243	5:26	E Bergere	Reqt Navy Sup Sup draw stand rec set. W To Emerick Bergere- advises communicate with firme re reqst for drawings 5-28
421350	5-28	To Washn Yd	Reqt fwd two sets of Vandyke pri. 15 of dr wires. W Washington 8:19
✓ 421547	5-28	To Bureau Standards	Fwds cy of instructions for testing type 3E 1444 vacuum tubes. W
40139	5/19	Pag. 5d.	Sub list of defective and missing parts 579 for 15 transmitters recd. W.
✓ 422259	5-29	Washington	Fwds booklet on vacuum receiving tubes - W To Washn Yd- reqt fwd two addtl copies 13-3 Wash-Peds report on vacuum tubes 7316-3

2119

Number.	Date.	From or To--	Subject.
421467	5-26	Marconi Co Boston-States short wave radio rec were rec by Marconi Co on 8th. W	Reqst loan of receiver to make comparison taste. W To S&A req ship from Phila to Roselle Parke in Marconi Co radio receiver W 5-31 To Marconi- authorized loan 5-6 Marconi Co - 6:16 To S&A req ship from Boston to Roselle Park radio receiver 6/24 To Marconi Co re ship 6/25
421336	5-28	To Radio Corp. - Reqst return of loan of receiver 8/30/20 To Radio Corp. 12/14 To Phila Tel	Revised drawing for two foot six inch radio compass urgently needed advise when same will be fwded W Ph-Drawings fwd by messenger 28th. 5:29
421551	5-29	To Norf	Fwds copy of instrcons for install'n gear and operat on of radio spark trans mfg by Lowenstein Radio Co contract 40332. W
421519	5:27	MI	Reqst plans pertaining to 2 kw transm be furnished. W To MI- advises drawings for trans in course of prep 6-18
316383 from 149	5-31	To S&A	Fwds ship reqst 8-1-18 to SO Washn. material ship. W To S&A- req take up with Alaskan Engr Com matter of furnishing invoices for matrl 10/1 cc to Alaskan Engr Com

1919

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
419397	5-23	To Washn Yd	Reest two Ford six copies of instrucion booklet for type SE 1911 audio detectors W To Korf— two set of instruc books A-23
✓ 419974	5-23 Phila 12/13 Fwd S&A 12-24	To Phila & NY Yd	Purchase of motor buzzer transmitters similar to British type is contemplated for installn on destroyers. asks comments W Phila 5:29 NY States that approximately 40 ships having Sperry trans have proven unsat. W 6:20 Ph—Fds spec radio report on perf of radio transp. 7:13 ✓ Req ship from Washn to Annapolis, twenty vacuum tubes and one decimeter W RB 7:31
419976	5-22	To S&A	(old Number)
419975	7:2	Phila	
✓ 420321	5-23	To Marconi Wireless Tel Co.	Asks type number on name plate of 2 kw quenched gap transmitter now mfg. W
✓ 420516	5-23	To Metropolitan Elec Mfg Co	Reference phone conversation with Mr White and Bureau, re type audio battery switch board, modified, non-receipt-asks tracer W

1919

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
420678	5-26	To Bu Standards	Confirms del on May 20th to J. A. Miller one cy of minutes of two meeting of Technical Advisory Com on Vacuum tube standardization To Westinghouse Co- ditto 5-26 To American RR Co ditto 5-26 To GE Co ditto 5-26 To Western Elec ditto 5-26 To Const Washn- ditto 5-26 Washington 6:6 Westinghouse Lamp Co - 6:6 To Washn- addtl copy fwd 6-13
420976	5-26	To Marconi Wireless Co.	Fwds paper giving measurement on wire antennas, made for Bureau by GE Co. W To DeForest Co ditto 5-26 To Western Elec Co ditto 5-26 To GE Co ditto 5-26
42141	5/24	To Wash Yd.	Rest test of 2 kw arc sample ship be 629 made as rapidly as possible & communicate with Bur. if difficulty experienced. W-3.
43722	5/22	To S&A	Rest inform as to what is present status 629 of cancellation of 500 audion control boxes. W.
420979	5-27 To Wash 5/24	To Washn Yd fwd two copies of report	Fwds one copy of reports as listed prepared by Bureau Standards. W To War Dept- Fwds cy of reports on vacuum tube standardization. 5-28 To GE Co American R Co & Western Elec Co- Fwds cy of report 5-28
420993	5-27 Amend of ship ord 5/15/20	To S&A	Req ship from Washn. to Boston radio receivers and audion control boxes. W - RB 8/17 W

RECEIVING & SHIPPING:

Number.	Date.	From or To.	
> 418460 TO CARD 263	5:14	MI To MI- asks expedite C-7	Sub report on receipt and rejection of tubes, request allotment cov test.
417882	5-15	To MI Tel 5-28	MI Tube test in accordance with instruc.
	5-15	To Western Elec Co.	Confirms phone conversation between Co and Bureau reget info re cost of 50 telephone sets of nature described in "Outline of Trans Vacuum Tube Requirement of USN"
418138	5-15	To Washn Yard.	Reget tests be made vacuum tubes. W
418139	5-15	To Westinghouse Co.	To Washn- reget tests be carried out at 350 volts plate potential in auth to 750 volts specified originally 5-27
418443	5-15	To Boston	IC section to purchase from Western Elec Co for expr purposes two telephones. W
418948	5:14	Bu Stand	Authorizes installn of audion control box on each of TUCKER and CO YCHAM. Wlee to Boston CO TUCKER CORP. CHAM
418445	5-16	To Chasnn	Sub report of comparison of amplifier type SE 1405 and SE 1605 - B.
			Authorizes installn of audion control box on DAYTON and MCNAGHAN. W

Number.	Date.	From or To-	Subject.	
419268	5:15	War Dept	Assembly and base dimensions for vacuum tube, fwds prints. To War Dept- letter from Chief Sig Off with enc recd 5-28	W
419346	5:10 5:16	Nassau Isls Com	Reqt information as to price etc for quenchers. To Supt Tel Dept Nassau, Bahamas.- Gives info re std. will take no further action until hear from you 6-4	W
419398	5:17	Norfolk	Fwds instruction booklets listed.	W
419431	5-17	To Firms	Isals sold representative to vacuum tube 8-19-19. W P O Washn- rel to of Supt. Corps in present 5-19	
419813	5-17	To Hq. U.S. Army Comm	American RR Corp. 5:19 Rel: Vacuum tube conference May 20th in Washn * to be sent to Hq. Army, Washn D.C. dated 5-17 * to be sent to Hq. Army, Washn D.C. dated 5-17 * to be sent to Hq. Army, Washn D.C. dated 5-17 * to be sent to Hq. Army, Washn D.C. dated 5-17	5-17 5-17 5-17 5-17

RECEIVING AND SENDING

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Number.	Date.	From or To—	Subject.
✓ 417767	5-10	LL Hazeltine	Fwds descrip of invention called "Neutralization of Capacity Coupling"
290	7-19	LL Hazeltine—fwd copy of patent appl with prints.	To L A Hazeltine Washn radic test shd—reqst inform in detail 5-24
	8/15	L. L. Hazeltine—rest return all papers.	To L A Hazeltine—fwd patent application method, rest execution 7/10 Cross to 896)
	7/3	To L. A. Hazeltine— gives info	To L A Hazeltine—acknow rec of lettr 8/14 papers previously fwded 7/17
✓ 417187	5-10	To Ensign Chas. Spengler	Withholding matter of development of proposed circuit arrangement and matter of applying for patent pending receipt of necessary details. W
417640		See card 235	
416217	5-12	To Westinghouse Lamp Co.	Fwds cy of General Spec for transmitting vacuum tubes and cy of outline of trans vacuum tubes Requirement of USN. W
			To Western Elec Co— Navy has no objection to purchase for expr purposes head phones. 5-12
			To Washn Yd— contains phone conversation repre of Bu and Washn Yd. fws cy of letter from Westinghouse Co of 5-3 and 5-10- 5-12
417401	5-12	To Comdt Washn Yd.	Rest one set of vandykes and six copies of instructn pamphlets for appr listed. W
			Wash—Fwds drawings 5:21
417637	5-12	To Comdt Washn Yd.	Fwds receiving data compiled by Bureau. W

1919

Number.	Date.	From or To-	Subject.	
417989	5:13	Naval Intel <i>publicity</i>	Article by Midshipman J B Dowell in con with design of one kv arc conv. asks if any objection to publishing. Naval Intel-Reqst return 5:29	W
418024	5:13	Genl Engr Lab	Asks when drawings and rec may be exp.	T W
418190	5:12	War Dept	Fwds drawings in con with vacuum tube standardization. to War Dept - follow letter of 5-12 5-23	
418557	5/14	C. H. Robinson Co Govt w apparatus - To C H Robinson Co - no further procure be made 6-10	Asks if Bur can handle radio transmitters Cutting & Washington make. To C H Robinson Co - cannot utilize equip. ordered 5-3 CH Robinson 5/23 - Reqst offer to furnish first contract be amended to include addtl equip. as listed; also amended to call for modification of aircraft radio transmitters. W-5.	W.
39850	5/10	To S&A		629
417547	5/7	Cruiser Force	Copy of circular let. dir. req. be made for replacing of certain receiving and audion control boxes.	493
42141	7/17	Wash	Test of sample 2 KW Sub arc transmitting 6-9 set, subm by Fed. Tele. Co. report covering S&A	

RECEIVING AND READING

Number.	Date.	From or To—	Subject.	
415878	5-7	To Comdt Washn Yd.	Reqst photos be taken of apparatus, motor buzzer transmitters from International Radio Tel Co. in order book of instruction may be prepared covering. W Wash 9;25	
416302	5-7	To S&A	Reqst shipment from Brooklyn to Washn one 1/2 kw 120-volt radio trans set. W	
47339	5/5	Insp'r G.E.	Vacuum tubes will be furnished from contractors Siebel Bros and not from Cleveland S.	629
415850	5-8	To S&A	Req shipment from Fleet Base to Washn one Telefunken block type Litzendraht load coil. W	
416301	5-8	To Secdy	Authority reqst for purchased of 450 motor buzzer sets cost of 150.00 per sets. to be installed on vessels equipped with 2, 5 or 10 kw spark transmitters. W	

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
40332	5/8	Inspz Brook	Submits weights of 2 KW gasoline engine driven spark radio transmitting sets. 629
45711	5/7	To Wash. Yd.	Contract amended to provide for reduction in price of receivers—rust proper action taken to have dials etched and engraved. W-S.
417450	5/8	Boston	Hand sending key, fwds prints and photos. W
416421	5-9	To War Department	Reqst cy of detailed reports covering American and foreign apparatus which might be utilized in design of radiophone transmitter employing loop antennas, for short range communication between vessels for tactical purposes. W
SEE 247	5/8	Sig Corps—Sub report on loop antenna—Cross to 875 7:11	War Dept—Reqst log of test which will be conducted on radiogoniometer in Aug. Cross to 875 7:22
417898	5/10	To War Dept—copy of log will be Westinghouse Lamp Co	War Dept 6:18 To "map req copy of tests 7/29 To War Dept—reqst copies of reports be fwd re place one lost 7/3 Ammapolis—Rep of test 8:14 fwd to office upon req in conn w test 7/28 Reqst spec cov transu set and parts. W
417451	5/8	Boston	Hand sending key, fwds prints and photos W 900
43945	5/8	NY	1/2 KW radio transmitter manuf by Lowenstein Radio Co.—fwds report on test. 629 W.

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.	
✓ 416155	6;18;18	Washington	Fwds copy of letter to Marconi Co and Prof A N Goldsmith in con with correction to drawing of two stage untuned amplifier.	to W
416924 O.H. No	5;17	New Orleans	Fwd to	
✓ 416217	5;5	Westinghouse Lamp Co	Asks where and how Co may purchase Navy receiver.	type W
✓ 414740	5-5	To Phila	Unable to identify material. "inventory card" recd. asks correction of	W
✓ 415536	5-5	To GE Co	Fwds copy of report of vacuum tube conference 2-20-19	W
✓ 415863	5-5 fuel 384.	To S&A 6-13	Reqst shipment from Norf to Bu Stds radio transf.	W RB 6;20
417451	5/8	Boston	Norf 5;15 came of 6-2 Hand sending key, fwds prints and photos.	RB 6;20 W 900.

RECEIVING AND SENDING

Number.	Date.	From or To	Subject.
415529	5-6	To Mgrs. Comdts.	Reqst info as to approximate number of gap units proven defective or worn out in service. W also methods of repairing same. Boston-No gap unit prepared at yrd. Ship Ord 5:19 New York 5:22 MI 5:24
415875	5-6	To N.Y.	Advise shipping instructions being prepared covering material, shipment order 5-8-19 W NY 6:2 To Washn- rel to shipment 6-13
✓ 415876	5-6	To U.S. Fleet	Fwd's copy of minutes of conference held BUSE 4-17-19, reqst comments W
✓ 415877	5-6	To Comdt Washn Yd.	Comments rel to policy of equipping subs with arc type transmitters- W To Washn- data on loop constantw 5-22
48770	5/1	To N.Y.	Relay keys- reqst Bur be advised as to 629 cause of rejection of, and whether charges involved in repair, chargeable to Navy Dept. W.
✓ 416795	5/7	Wash	Replacement of tubes of type 31 British fire cont set by CG 1142 tube, twds sketch showing. W
40332	5/8	Insp'r Brook	Submits weights of 2 KW gasoline engine 629 driven spark radio transmitting sets. S&W
45711	5/7	To Wash. Yd.	Contract amended to provide for reduction 629 in price of receivers- reqst proper action taken to have dials etched and engraved. W-S.

RECEIVED & INDEX:

Number.	Date.	From or To—	Subject.	
414459	4:29	To Natl Elec Sup Co.	Authorizes sale of apparatus. Natl Elec Sup Co- 5/10	W
42141	4/22	Insp'r Fed.	2 KW arc radio transmitters, radio frequency ammeters for- report of calibration, test	529 W
415346	4:30	GE	Sends sample of improved form of anode for pliatrons. To GE, Co- Acknow receipt of letter 4-30	W 4-5
415572	5:1	Lowenstein Co	Sends report on operation of new design 1/2 kw type V transm.	W
414735	5:2	To Wash	Tests of arc trans. Washington 10:24	W
415123	5:2	To NY T	Directors expressed.	W

Number.	Date.	From or To	Subject.	
✓ 415284	5:2	To Bu Stand	Tests being conducted. To Washn Yd- transformer reqdtd shipt. will be used for testing purposes W 5-6	W
329254	From Card 171		To Ph-Reqst discontinue fwd production reports. To Phila-States that report has not been received. 5:5 Ph-fwds prints. 5:7 W Bu Stand-5 kw transm will be sent by truck to Wash Yd on 12th. 5:12	W
416147	11:2;14	Washington	Sub details of test made for Marconi Co to build rec.	W
416152	7:28;14	Sperry Co	Will sub let part of work on short wave rec to Wireless Imp Co.	W

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.
419978	5-22	To Comdt Washn	Reqst recs be made by Yd Washn rel to comparative desirability of modified form, one pr of Baldwin head telephones fwded by Col. Firth. Washington 5/13 To John Firth- does not place telephone on approved apparatus 5-19 To Washn- req sample be returned to Mr Firth 5-12
420042	5-22	To Yd Washn	Quotes from lett r Comdr Naval Forces France, rel to Sperry emergency radio set did not give satisfactory service. adjustment made. fwded instruc booklet W. To S&A req ship from South B to Washn one Sperry trans 5-22 To Cdt Wash req cano of test 10/28
413764	FROM CARD 222		CO SMITH 5/10 To SUPPLY- autho turn instore 5-29
To Card 234	To S&A req ship from Washn to SUPPLY radio receiver 5-28 RB 11/10		To Phila- autho turn instore 5-10 radio serial W 5-23 Insp Brooklyn 10:22
	To S&A req ship from Washn to Smith radio amplifier 5-28		To HQ- arranged to ship receiving equip 5-24
	CO SEATTLE 5/28 SEE CARD 232		Battle Ship Force 1- 5:20 CO CLEVELAND 6:10
	Battleship Force 2 5/29 Report of		USS FLEET- CO SUPPLY reqst radio apparatus listed be replaced. Cross to Sup-6 5:24
	CO SEATTLE 5/28		Battle Ship Force 1- 5:20
	Battleship Force 1 5/29 Report of		CO DEL. 5:20 US TR-5:27 Sub report.
	CO SEATTLE 5:19		Info reqst status of shipment order of 3-15 to Phila. sent to Yd Washn of one station micro-rad meter. W
	5-22	To Phila	Phila- 5:29
			Phila 6:12
			To Phila- status of ship given, req of 3/15 5/12

402192
SEE 893

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.	
✓ 419915	5:20	Bu Stand	Fwds report describing investigation of vacuum tube Bu Stand. Request change vacuum tube infor. 5:27 to Bu Std - suggest that fwd to 3 Corps. copies of reports acceptable W 5-27 To acknow ltr 5-27-8-2	
419895	5:20	Washington Yrd	British type transm, fwds report of test.	W
420197	5:19 5:21	H W Wilson, Elec on Kansas Com	Request consid in securing possession of radio apparatus. Fwd 5/31 RB 7:25	W
39850	5/15	Inspr GE.	Rel to shunt of radio transmitting sets- 629 asks if shall ship 5 complete sets to the Samply. W.	
40836	5/15	Inspr TE.	Radio transmitter sets- request disposition 629 of extra spares. W.	
419664	5-21	To Manhattan Elec Sup	Co Assigns type numbers W	

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.	
414383	4:15 4:16	Pearl Harbor Hawaii	Request two complete amplifiers of latest type be authorized for Pearl Harbor. To Comut PH- steps being taken rel to mod of amplifiers for receiv purposes 5-6	W
414431	4-28	New York (T)	Reports shipment of receivers to Fleet Supply Base without detectors - W	
413586	4-26	To Wash	Development of transn tubes.	W
413753	4:26	To S&A To Brooklyn asks status of ship. 9/9 BB 10/23 Fwd Chas 10/23 BB 12/23 Fwd S.O. S.S. Base, Brook. 12-29 To FGH 7/14 RB 4/19 W.	Request shipment from New Orleans to Charleston one 1/2 kw transn set. H O 5/31 (T) To HQ Tel 5-29 American Elec. 7:2 To S&A req ship from South B to Cape Fear Sta Chasn 7/14 RB 8/13 W.	W
412575	From Card 221		To Bu Stand-Fwds copy of report on radio tel mod. 4:28 To Bu Stand-Fwds copy of report on radio tel mod. 4:28 To American R & R Co- asks if can ship generator to Washn. for test - 9 American R & R Corp- Fwds spec for high voltage DC generator 5:16 To A. R. R. Co- Ackow re of ltr 5-15 W Secord's spec for generator with GE Co and discuss of vacuum tubes 5-26	W

1077

Number.	Date.	From or To—	Subject.	
413241	From card 221		To Director Bu Stand-Fwds copy of minutes of vacuum tube conf held 21st. 4:28 To Sig Officer-War Dept-Fwds copy of min of vacuum tube conf held 21st. 4:28 To American RR Corp-Fwds copy of minutes of vacuum tube conf held wlst. 4:28 To GE Co-Fwds copy of minutes of conf of vacuum tubes held 21st. 4:28 W	
413587	4:28	To Western Elec Co	Confirms conversation between Dr Wilson and Bu rep. To Bu S&I-Wishes to be informed of the disposition of tubes rejected. 5:1	
413767	4:28	TO S&I	Reqt shipment from Washington to Boston of 9 copies instruc books 2 CO NORTH DAKOTA- 5:5 Boston 6:7 W	
413764	4:30	TO S&I & COMMANDANTS	To Norfolk author install 5-20	W
TO CARD 228	US FLEET 5:6	To Norfolk author install	Renewal of radio rec app on vessels. New Orleans-Reqst Galveston Sta be furn with material listed. 5:5 Ph- 5:19	
413243	5:1	To Bu Stand	New Orleans-Port Author-Furn material listed 5:5 Fwds copy of minutes of meeting. W New Orleans-Reqst radio app be sup Point Isabell 5:10 To Wash- to stand. Priz. 5:10 6-20 Wash-Sup. Priz. 5:10 And. prints. 7:1	

RECEIVING & SHIPPING:

Number.	Date.	From or To—	Subject.	
412329	4:17	Bu Stand	Fwds sheets of curves of old type Deforest audion.	W
412576	4:28	To West Elec Co	Fwds copy of report.	W
412570	4:21	NY Tel	Req 30 vacuum tube adapters.	
Washn 375 4-1		Natl Elec Sup Co.	Memo-copy of corresp diversion del to Signal Corps with memo of modifications	W 629
407414	4-21	To Firms To S&A req ship from Wash to NY 12 vacuum tubes 6/28 To Western Elec Co ship of tubes being made 7/3 West Elec 7:17	Asks sub specfns for tube apparatus, rel to standardization of W To American R & B Co- Asks sub specfns To Western Elec Co- Fwds copy of specfns West Elec Co- Request loan of Navy packing tube for vacuum tube exp. 6:9 Request shipment from Boston to Norfolk two 150 ohm telegraph relays. W	4-22 R B 9-12
411873	4/19	To CO #93	Identification of radio material in- stalled on. in. 8m to the full name plate with on short wave radio receiver.	1/2/5 W
412575	4:28	To GE Co	Fwds copy of report on radio tel. To American R & B Corp- Fwds copy rep on radio tel. 4:28 W To Wash- Fwds copy report on radio tel. 4:28 W To War Dept- Fwds copy rep on radio tel. 4:28 W	W
To Card 222				

1919

Number.	Date.	From or To--	Subject.
43631	4/22	To L. E. Co.	Transmitting equipment of manu 625 to operate on vacuum tube and frequency of .0003 13.00 volts 1.00 amp 1 wave length of 265 meters. W
411901	4-23	To F O Peterson	No long wave radio receiving sets available for sale at this time W
412945	4-23	To War Department	Fwds specns. and copy of outline of trans vacuum tube requirements of Navy. W War Dept-Regst 2 additional copies. W 4:25 Re War Dept-Fwds copy of spec. 5:2
413376 Old No	5:0	US FLEET SEE 413576 below.	Atl Cruiser-Regst ship discont use of ship circuits to sup use current for B bat W 5:7 CO BEAVER 10:17
413950	4:24	Washington To Westinghouse Co- will loan vacuum tubes nec for develop 8-29	Regt tube nec to enable Westinghouse Co to purchase tubes from Western Elec Co. W To Western Elec Co-Gives permission to obtain vacuum tubes. 4:29 Western Elec Co-Cannt furn tubes direct to Westinghouse (house Co- 7/1 Discontinuance of practice of using B battery circuits. W Cavite 9-5 (2) Regt shunt of 24 storage batteries To Sea ship from Cavite batteries 9/27 BB 5/1 Regt authority to obtain prints cov cov wave receiver from Washington Yrd. To J A St Omer Roy. regst disapproved 5-0
413576	4:26	To Yards & Fleets To Sea ship from Wash to B. VER batteries 11/15 same ship order Nov 15 3/3	✓
414153	4:18 4:26	J A St Omer Roy Washington	
413241 To Card 222	4:28	To Bu Stand	Fwds copy of minutes of the vacuum tube conference. To Wash-Fwds copy of minutes of vacuum tube conf. 4:28 W To West Elec Co-Fwds copy of minutes of vacuum tube conf held 4:21



RECEIVED & SENT:

Number.	Date.	From or To--	Subject.	
411567	3:27 4:15	UCS DEMALB Washington Yrd	Recs mod type SE 1,000 audion frequency amplifier.	W
411684	4:16	Inspr Lake	Req instruction books on radio rec and transm sets.	W
411745	4:17	NY	Req immediate shipment of 12 series grid leak resistance for receivers. To NY material rec at go fwd w reel post 4-19 4-19 To NY rec ship from Wash to NY 12 series gridleak resistances 4-19 RE 5:12	W
410881 274	4-16	To Washn Yard. Wash 9-8 Reqst auth to manf 2 sample amplifiers for test To Cat Wash- correc of statement made 10/23 To Wash- 1-19	Reqst amplifier to be del by GE Co. Navy Order 5068 be modified. W To Cat Wash 12/10 To Washn-1: struc superseding instruc letter of April 26th- rel to said requir. p 6-19 Washn-1:28 To Cat Wash 2/11 RE 2/16 113 report on performance of operry 6 volt aux. transmitter W.	130-6
411576	4/8			

1919

Number.	Date.	From or To--	Subject.	
✓ 411773	4:16	Fed Tel Co	Recd copy of letter to C T Bush req instruction book for operation of Toulson arc transmitter.	W
✓ 411901	4:15 4:17	T O Peterson Com	Req opportunity to purchase discarded radio set.	W
✓ 411896	4:17	Fed T 1 Co	Avds copy of proposed list of stock spare parts for arc converter supplied for ship instal.	W
✓ 408839	4-17	To Kimble Glass Co.	Reqt info re proposed glass tubing having diameter of 1/8, 3/16 & 1/4" carried in stock w To Kimble Glass Co- Reqt shipment of tubing. 5:13 To E Glass Co- glass satisfactory 5-22 To K G Co- reqt ship one pound of tubing 6-12	W
✓ 411245	4-16	To Washn Yd.	When tests completed, tubes and testing apparatus are to be kept in stock pending instructions. W To Wash- Delivery of vacuum tubes. 5-1 Wash- Report of test of trans vacuum tube 6:16	W
3413	4-26	Insp, U.E.	Submits revised progress report on status of Plitron tubes. W.	629

N.S.E. Form 134.

1818

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
410692	4-14	To Director Bu. Stds	Fwds info re conference vacuum tubes arrangements made interchange of. W
28770	4-14	NY	Submits report of test of rotary gap W&S 629
410877	4-15	To S&A	Reqt shipment from Washn to Boston radio amplifier. W RB 5:9 To Boston-Ship of radio app for disposition. 5:2
410690	4-15	To Western Elec Co.	Rel to policy of obtaining info involving apparatus another Company. W
410702	4-15	To Norf	Fwds prints, sp acms for one, two, five and ten KW radio spark transmitters. W
410707	4-15	To Washn	Confirms del to Radio T ent Shop by Mr. White of GE, material listed. W
410693	4-15	To Phila	Reqt fwd two vandyke copies of RL 94 LCI and RL 69F 180. 30 inch radi. compass coil W

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Number.	Date.	From or To.	Subject.
✓ 409618	4-11	To Washn Navy Yd.	Reqt test of buz ers mwd by Manhattan Electric Supply Co. W
409980	4-11	To Norf	Asks info re possibility of making connection at electrical midpoint of secondary of all transformers supplying gap in standard 500 cycle quenched spark sets. fws drawing W Norf-Sub result of test of 5 kw radio set of Taylor. W 4:20
✓ 408840	4-12	To Washn	Material as listed being shipt by truck from Bureau to Radio test shop. reqst store- W
✓ 409617	4-12	To War Dept	Reqt Navy be furnished 20 VT 3 Vacuum tubes will furnish Signal Corps with 20 type 1444 vacuum tubes on receipt of reqs W War Dept-Vacuum tube have directed lsb to ship 20 to Wash Yrd for testing purposes. 4:20 To SAA-Reqt delay ship from Wash to NY of 20 vacuum tubes. 5:1
✓ 409974 ³	4-12	To War Dept	fws copy of minutes of conference April 7th W To Bureau Standards- fws copy of minutes 4-12 To Washn Yrd copy of minutes 4-12 To Bureau 105- fws copy of minutes 4-12 To Director BStds- thanks for interest taken in standardization of tubes and conference re 4-21
✓ 409984	4-11	To CONNECTICUT	Atl Fleet-Permits audibility test. con by Conn. 7:26 Reqt make test n. during trip to Europe and return W New York 5:9
	4-12	To Conn and Huntington	To Norf- fws outline of test being conducted with arc trans installed on HUNTINGTON and CONN- 4-12 CO HUNTINGTON-Record of audibility test. W 5:4
	3-13-19	enroute from NY to	To Huntington- reqst test be made 4-12
	4-14	rest 3-5 to	
	CO CONN	6:24	

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
410392	4-12	To U.S. Fleet	Re inspection of arc transmitter instal ln.	W
410926	4;15	CO IDAHO	Req Washington modify design of detectors mfg.	before W
411030	4;11	Washington	Sends copy of letter to Westinhouse Co granting them permission to use photograph and audion control box for advertisement purposes.	W
410689	4-14 Signal Corps - 4;18	To American R & R Co.	Conference vacuum tube, will be held April 21st. asks send representative To Bureau Stds. reqst be present conf 4-14 To GE Co asks send rep 4-14 To GE Forest Co asks send rep 4-14 To War Dept asks send reps 4-14 To Bu Stds asks send rep 4-14 To Director Bu Stds- asks send reps 4-14 To Washn- asks send rep 4-14 To Marconi Co asks send rep 4-14 Western Elec Co - 4;17	W
410691	4-144	To Washn	Reqst cv of technical info on vacuum tubes obtained to date by yard.	W

Number.	Date.	From or To—	Subject.
395	4/2	To Insp'r Union (T)	Dow pump mines not required specifications on 9 six feed pump s. type piston ring s. oil by Dow 10 m. yd. station foundation should be taken up with Bare Island. M.
408833	4-8	To S&A	Req shipment fr m Pensa to Fleet Base ten - airplane radio receivers W To Pensacola- re shipment 4-12
408836 408839 see	4-8 cd 220	To Washn	Reqst make tests W To Wash-Action of rec and amplifiers from one set of data 4:30 Washington 5/29
409066 To CARD #261	4-9 To Wash-Fwd 8:26 To S&A disapproval 9/2 octo MI 8 9-12 Wash-Reqst Yrd be advised stand- ardization of switch. 11:8	To M.I.	Reqst type switches proven defective W To MI- recs if one of three type of insul can be used, that reqn be issued. 5-9 To S&A req held unapproved pending reply to letter of 5/9/ to MI 8/4 Washington To Comdt Bare Island. 12-12
409430	4-9	To S&A	Req shipment from Washn to Boston radio material W RB 5:23
410959	1:29	BU STAND	Cannot sub information req on large glass vacuum bulbs. W
406794	4-9	To S&A	Req ship from Glouch to Phila one 500 cycle aircraft radio transmitter W
409501	4-10	To S&A	Req shipment from Chicago to Washn 400 radio compass amplifiers W Chicago 4:19

Number.	Date.	From or To—	Subject.	
✓ 410332	4:10	Cambrell Elec Co	Are in a position to mfg amplifiers and relay keys. f d SCA 4-21	W
410475	4:10	Washington Yrd	Send copy of instruc for inspc and calibration of receiver.	W
✓ 410474	4:11	Shaw Insul Co	Req drawings and spec of vacuum tubes. To Shaw Co- fws drawings 4-18	W
✓ 409600	4-10	To International R. T. Co.	Tel: suspend mfg type SE seven twelve B receivers pending receipt sample receiver and directions Washn navy yard letter follows W	
✓ 409615	4-11	To Ward -Leonard Co. Ward Leonard Co-Fws photos showing field rheostats. 5:20	Adoption of policy furnishing contractors mfg complete radio transmitters descriptions and photos illustrating, reqst prepare set of instruc for gen field rheostats being sup on Lowenstein Contract 43945- To Rolier Smith Co/ ditto 4-12 W Weston Elec Instrument Co: Reqst spec. 4:21 Rolier Smith Co-Sub information reqst. 4:25	
✓ 409815	4-11	To Weston Elec Ins Co.	Adoption of policy re above. Instruments listed. W	

REGULATING & SHIPPING:

Number.	Date.	From or To--	Subject.
✓ 408657	4:5	Bu Standard	Advisory Committee on Vacuum Tubes should be composed of three engineers, meet regularly. Cross to Edg's Miscel. and Bu Stand.
✓ 408910	4:4	Washington Yrd To Washn- reqst material be retained in stock pending receipt of shipping order 8-8	Subs concerning design of rec app higher wave length than ever used in radio before, req authority to carry on experiments. To Washn- author yard to conduct work 4-11 Wash-Req for remodeling rec. 5:5 Wash-Reqst approval of remodeling rec. 5:5 Reqst cancellation of Shipment order of Nov 2, 1918, re material for RAIL W
364223	4-5	To S&A	Reqst shipment from Washn to Norfolk. ten radio batteries. W
405439	4-3	To S&A	States will make up two sets of contact with tungsten welding copper base for dttl test if reqstd W
381889	4-4	GE Co.	820-1 Edws report on test of British vacuum tubes. W To War Dept. wds cy of report 4-14 To West'n Elec Co- another conf will be held April 21st, asks send rep 4-14 To Washn- wds cy of report 4-14
✓ 409160	4:5	West Elec Co	

Number.	Date.	From or To—	Subject.	
409248	4-7	Phila	Conf tel conv stating Electros Co will ship insulators for interfloat app.	W
408447	4-7	To Washn	Fwds copy of memo giving correct type number applying to two stage audio frequency amplifiers W	
✓ 408839	4-8	To Eimer & Amens	Request info re browned glass tubing having diameter of 1/8", 3/16" and 1/4" are carried in stock W Kimble Glass Co. quotations. 4:19 Kimble Glass Co. Fwds sample of ampere tubing. 5:25 To Bu Std. sample fwded 5-31	
✓ 409053	4-8	To Dubilier Cond Co.	Advise re adoption of policy furnishing contractors with descrip and photos illustrating theory, etc. of standard navy parts for transmitters W	
409055	4-8	To N.Y.	Re adoption of policy furnishing contractors descriptions and photos illustrating, std navy parts for transmitters W NY-Sub descrip of ~~acoustic~~ of French gap with photos. 10:4	
409056	4-8	To N.Y.	Re adoption of policy of furnishing contra with descrip illustrating standard parts for transmitters W	

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RECEIVING AND SENDING

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Number.	Date.	From or To—	Subject.	
407188	4-2	To S&A	Req shipment from Washn to Phila radio receiver W	
407189	4-2	To S&A	Req ship from Boston to Washn radio trans set W	
407190	4-2	To S&A	Req shipment from Fleet Base to Washn radio trans set W	
407295	4-2	To Wireless Spec A Co.	Fwds drawings. W	
26600	4/2	To S&A	Best amendment to contract to provide for 34 instead of 36 wave meters and reduction be made in contract price. W.	
408087	4:1	Red Tel Co	In con with price of arc converter and and spare parts under agreement between Western Elec Co and Red Tel Co. W	
407400	4-3	To Bureau Standards	Asks have condenser fwded, calibrated, and fwd to Wash Lab W	
Card 233	4:29	To Boston-States difficulties exp with cond. 4:29 W	To Bur. Standards - 5 cfs being del pending receipt of info letter 4-3 4-17	
407419	4:30	To Wash-States dif exp with cond. 4:30 W	Bu Stand - 4:22 Dub Cond C - Req rep of test 10;2	
	4:30	To Phila - Fwds cond for test. 4:30 W	Reqst 5 KW changer and accessories loaded to, be called for, and replaced in store W	

RE CRIVING AND SENDG

Number.	Date.	From or To—	Subject.	
✓407710	4-3	To Bureau Standards	Request drawings and spec of radio galvanometer be fwd to Bureau, sample may be constructed for use laboratories W BU STAND-Description of galvanometer. W	4:10
7836 1/2	4/2	To DeForest R&T Co	Request 15 samples of vacuum tube type 3G 1144 be submitted for test W.	706
✓257010	4-4	To Comdt Washn	Asks investigation if enclosures fwded misplaced W	
406751	4-3	To S&A	Req ship from Washn to NY radio receiver W To S&A cans of SO of 3-28, material supplied SO 4-3- 4-7	
407709	4-4	To Washn	Fwds copies of apparatus used on model E, F, G, M and R Radio transmitting equipments W	
407718	4-4	To S&A	Req shipment from Phila to S Brook radio transmitting sets. W	
407415	4-25	To S&A	Amend ship ord item (a) from Wash to Phila W S&A-Request copy of authorization mod or ship order. 5:3	
407414 see 221			To S&A, encl cy of ref of 4-25 5-12	

RECEIVING AND SENDING

1219

214

Number.	Date.	From or To—	Subject.
406252	3-29	To Signal Corps	In accordn with reqst, handed special messenger on 3-27, one copy of specims RE 13A 111E-----W
406798	3-29	Phila	Req one of the airc radio trans at Gloucester be assigned to radio lab for permanent use. W
403053	3-31	To Comdt. Washn., 407	Advises demand from three different sources, under water operations with subs, reception aboard battleships using short antennae, and radio compass shore stations, author carry out developments re amplifier for Wash 2 Status of developing amplifier To Washington- Repts design be prepared of radio-audio frequency amplifier. 1-22
405743	3-28	To S&A	Reqst shipment from Washn to Mars Is., radio receivers.
406683	3-31	To M.I.	Advises Bu reqstg 30' s radio transmitters and receivers, should necess installn of reqst author from Bu.. RE 6:3
406684	3-31	To S&A	Reqst shipment from Washn to M.I. radio receivers-

Number.	Date.	From or To—	Subject.	
407546		C&R	Req infor rel to let from L H Bachland to Dayton Engr Lab Co in con with C tubes.	W
406679	5-31	To S&A	Reest shipment from Washn to Bath, Maine radio appr for installn destroyers 345 and 346-	
406683	3-31	To S&A	Reest shipment from Phila to Misland 4 radio transmitting sets	
406688	4-1	To S&A	Reest shipment from Washn to Fleet Base, S. Brook. 3000 vacuum tubes. RB 5:22	
✓ 407184	4-1	To Ward Leonard Electric Co.	Asks info re action in matter of submitting panel for charging vacuum tube filament and plate batteries, cheaper than furnished contract 45367-	
✓ 407846	3:17 3:31	Cost Insp'r West Elec Co S&A	Defective vacuum tubes at Western Elec Co. sub plans in detail for disposition of.	W
407404 Old No	5:9	Marconi Co		

1918

RECEIVING AND SENDING

213 ✓

Number.	Date.	From or To—	Subject.	
405322	3-25	To S&A	Reqst shipment be made from Washington to Mare Is. radio apparatus. for stock— BB 10:28 To-S&A req ship from Wash to MI 15 radio ing coils and 25 batteries, W 5-23 BB 7:28	
405328	3-26	To S&A	Reqst shipment from Washn to P Sound radio appar tus— Canc of ship order item F 6-7	
405781	3:25	Armanolis	Exp key and oscillation form designed by R. A. Holmberg and L. R. Miller radio expert aides Norf, sub report of test.	W
405646	3:24	War Dept	Req Navy sell radio set for army mine planter. To War Dept- comments re 4-4	
406150	3:25	Norf	5 kw self cooled quench spark gap. asks Bu still desires same fwd to NY yrd. To Norf- MISS has been reqst to sub report upon receipt will give consideration 4-15 To NY- Norf been reqst to retain cap for fwd's prints of anode tips in con with effort to increase lifeof.	W
236	3:25	tests at stations 4-15 To MISS- asks report 4-15 To Norf- fwd's copy of report. 4:29 Norf report of competitive test. 6:17 BEE 236		
406180	2:8	CAVITE		

Number.	Date.	From or To—	Subject.	
406330	3:20	CAVITE	Life of test of type D elec audion bulbs was 4044 hours. To Cavite and Olongapo- acknow receipt 4-4	W
381050	See card 193		West Elec Co will call at office with Mr. Polk some time next week. Tel 3:26 West Elec Co will arrange for conference within the next 10 days. 3:37 American T & T Co-In con with Govt for assignment of patent and future license to Army and Navy for non commercial purposes. Has copy of correspondence with war dept in con with Cross to 296 4:25 To American T&T Co- plans outlined satisfactory to Bu endeavoring to bring about such arrangements enable Dept to be such posn on that agreement can be entered into. 5-13	
405328	3/26	To NY	Requ complete set of instructn be prepared for type 1599 lighting switch as listed re adoption of policy of furnishing contractors making compl to radio transmitters w descriptive and photos illustrating theory functioning and repair of Std navy parts making up compl transmitter. To Post ditto 3/26 To Post re land containing 385 May 1936 Airt order 3/26 RB 6/22 W.	
405736	3-28	To Comdt Washn	Request return of instruc books, as info contained therein confidential-	

1919

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
✓ 401475	3-14	To Comdts Yds and Stas	Advises that vessels operating in American waters will be fitted with two spark gap in accordance with pre-war policy- the rotary cap being employed only for auxiliary purposes-	
✓ 405215	3-24	Annapolis	Fwds Tunstun key contact will not meet req on high frequency prints.	W
403692	3/21	To Comdt Wash	Requ type SE 1440 receiver be provided w secondard load coils spaced 2" apart-	919
✓ 405439	3-24	American RR Corp	Fwds vandykes for 1/2 kw emergency set model L. To American R & H Co ackn on receipt 4-5	W
✓ 405150	3-25	To Western Elec Co	Asks submit test results. as Bureau is conducting tests to ascertain performance of vacuum tubes used in British Navy for wireless transmission and reception-	
405547	3/27	To Comdt Cavite & Olongapo	Fwds report of various types of receiving circuits Asks study of-uth expenditure of \$500.00	806

Number.	Date.	From or To-	Subject.
404905	3/24	New Jork	Req of Brazil Ray as tube for inst F for operation of amplifier w American Receiver 793-8 of long wave
3413	3/22	Inspr US	Pills from tubes reqd shipping instructions cover 1067 in order to relieve CW Shipping Dept
✓ 406152	3-25	To Bureau Standards	For copy of report on Tube Conference of January 14, 1919. Re Bureau Standards- Asks be present conference conference Monday & Fri 7th 3-25 To Washn- reqst rep of Radio Test Shop be present conf April 7th 3-26 Re War Dept- re conference, reqst rep 3-26 War Dept 2-28 Advisees re shipment reqst to MI material as listed.
405523	3-25	To Ware Is	
405154	3-25	To SNA	Req shipment from Norfolk to Boston. Radio rec equipment, w Received back 4:15
406157	3-26	To Boston	Advisees has reqst 30 Norf to ship radio set for desfrayer 90- wq serial for dis to Boston. replace wq serial borrowed from Porter reqst steps be taken to replace amplifier wq serial Porter- No Norfolk- author S o to supply rec returned from C Henry also info re action taken to expedite shipment 3-29

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.	
403526	None.	War Dept	Notice on frequency amplifier, sub. To Nav Yd 3-20 fws notes on—	W
403053 see	card 214			
375414	3:17	Wash	Report of test of effect on ship comp of arc transm. Wash fws curve of arc transm. 9:27 To Washn. work completed 8/18,	W
From Card 189				
403694	3-20	To War Dept	Fws copy of report on vacuum tubes: To Nav Yd 3-20 To Bd Stands 3-20 War Dept asks name of engr who will rep Navy Dept. 3:28 To Dept C Signal Off. fws cv of minutes 4-14 To War Dept fws report on Adv Com- 5:1	
403619	3:15	Boston	Conf tel conv ask for instrns book for 5 kw arc transm avail for issue. To Boston fws 5 copies of booklet 3-26	W
403935	3:15	New Orleans	Radio receiver rec without detectors. Fws Navy Yd 3-20 requ be shipd immediate To Wash 3-20 AB 28 Fws New Orleans 3-29	W

Number.	Date.	From or To—	Subject.	
401479	3-20	Fed Tel Co	Fwds photo and prints of relay key.	W
401244	3-14	To Mare is Tel	Reqst complete vandyke plans of Mare is radio arc antenna as at present in use	
316596	3-14	To Phila Tel	Advise status mfg three hundred protective relays job order two one five four naught is urgently requires forty five for destroyer installations period reqst del dates 919	M are
403970	3-21	To S&A	Asks report of receipts and issuer of radio radio material forms 307 and 307E-	
403971	3-21	To S&A	Req shipment from Washn to NY short wave radio receiver type SE 1012 contract 36124 S Perry Co- RS 11/1	
		To NY- author install 4-4	To NY- reqst data re 3-22 To S&A req ship from S Brook to Washn radio receiver 3-21	
		To S&A req cans of Snipt order of 3/21 11/5 R B 11-28	Ship can SO 3-21 4-3	
404008	3-21	To Westinghouse Co	Suggests submit for test unit or units capable of charging lead cells of capacities listed- asks re action taken- Westinghouse E & M Co - 7:23 Ind Washn 7/29	
404023	3-21	To Boston	Recommends reqst re shipment of radio room panels- Recd vld back 4:7 W To Phila ditto- 3-2 To New York 4:21	
4 04551	3-22	To Phila Phone	Asks if recd tel re del of 3 00 protective relays job order 21540 MI- etc	

RECEIVING & SLIDING:

Number.	Date.	From or To--	Subject.
393666		Fwd from Card 203 To Sec-Confidential battle ship equip. 5:3 AM 5:4	Wireless Spec Co-Tel- Sub bid. Lowenstein-Dr Lowenstein will call at office 3:21 To National Elec Supply Co 3-20 requ representati To Firms- re-st rep call 3-20 Fed Tel Co-Sub computation cost. 3:26 Genl Radio Co-Sub quotations. 3:25 D. Moore-el-States that quotations were mailed by spec dolly on 6th. 3:28 To Inspr Mil 2-26 AB 6-28 Lowenstein Radio Co-Sub bid. 3:25 Manhattan Elec Sup Co- 3:27 Wireless Improvement Co-Fwd bids for radio app. 3:28 Tel To Firms-re-st estimate 3-27 Genl Radio Co-Tel-Estimate sent 3:25. W 3:27 Fed Tel Co-Quotations mailed from NY. Tel 3:28 Natl Elec Sup-sub quotations. W 3:29 Wireless Imp Co-Sub id. W 3:28 To Wireless Imp Co Tel 3-26 Fwd drawing of patent application showing thermionic tubes for producing oscillatio n whose energy is derived from an 4 v generator - ask if Bu. interested in acquiring - W To --- requ datls 3-19
402192 see 228			
402869	3/12	C. D. Thret	
401249	3-12	To 344	R eq shipment from NY to Washn 4 audien control boxes-
401457	3-12	To NY Tel	Radio receiving equip for SACRAMENTO DES MOINES and EAGLES one comm two and three expressed from Washn Yard March 11th the lading one two six one zero- W

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.
401461	3-13	To New Orleans	Reqst info re number of radio transmitters on contract 2411, in stock
401470	3-13	To S&A	Req shipment from Washn to N London vacuum tubes, for 3 submarine base
401474	3-13	To Operations	Recommends new numbers for destroyers, from classes listed- re installn equipment w 5KW radio arc transmitters- fwd Operations 3-22 RB 3:27
401475	see 218		
401483	3-13	To Norfolk	Info reqstd motor generators type/CD-225 at Norfolk, also 5KW type 225 1/2KW
401990	3-13	To NY	Reqst tests be made, re spark transmitter mfg by Lowenstein Co- NY-Reports on successful test of trans set, W 6:8 New York 9-12 Fwdls report
402732	3:14	Deforest Co	Tentitive drawings of 1/4 kw set sub, reqd com- ments on. W
402680 TO GARD #259.	3:13	American R R Corp American R R Corp-Officers Assist- ance in test of modulator. 4:10 fwd Washn 4-16 RB-5:1 American R R Corp-Mod not yet rec. 6:7	Req Bn test new instruments, fwd to Wash Test shop, or use in rec cont oscillation called "modulation" To Am R & R Corpn 3-20 modulator to be tested and report to be fwd - to Wash 3-19 fws rpr tests To American R & R Corpn Report 5-17
To Modulator ship to you 6/14- 6/17			

RECEIVING AND SENDING

209

Number	Date	From or To	Subject	
401059	3-10	To Comdt., Boston	Confirms phone conversation, measurements as listed made on ships' antennas at Boston-reqst data be confirmed- Boston 3;14	
401307	3;10	Wash	sends report of test of vacuum tube. To Washn- comments re 3-25 Washington Yr- sends spec of vacuum tube inspec at factory. W 4;2 To Washn- comments re inspec of vacuum tubes differences of opinion will be settled by test of 4-16	W
400969	3-4	Wireless Spec. App. Co.	Asks conditions under which 5 KW spark transmitters made by Marconi and Lowenstein Co's are tested at N Y Yd - W	
400036	3-5	Phila	Rotary spark gaps Quenched gap for Navy use- comments on- W	
401588	3-11	To Phila	Sends transformer and one spark gap comprising parts of type 9 British Intra Fleet Radio Transmitter W	
401242	3-11	To NY	Reqst info re switches being supplied under existing contracts for std Navy spark transmitters for independ control of rotary spark gap motors- To Bos dit o 3-11 N Y Yd 1;15	

Number.	Date.	From or To—	Subject.	
399454	3/4	Atl Flt	Requ 24 Dubilier transmitting condenser for inter fleet sets and amplifiers be shipped for issue to fleet W	498
401068	3-11	To S&A	Reqt shipment from Washn to NY radio receivers 3-+ Received back 4:3	
401240	3-11	To S&A	Reqs shipment from Washn to NY two audion control boxes contract 39641 with Western Elec Co	
401243	3-12	To Commander-in-Chief U. S. Fleet	Fwds 8 copies of instruction booklet— USS FLINT—Copy of let to Battle Ship Force 2 and instruc booklets. 4:8	
401244	3:17	MI	Fwds vandykes.	
401756	3:11	New York	Fwds vandykes.	W
402109	3-18	To DeForest Tele & Tele Co.	Submits information re vacuum tube apparatus.	
401461	3:19	New Orleans	(Old Number)	

RECEIVING AND MAILING

208 ✓

Number.	Date.	From or To—	Subject.	
✓ 379239	3-5	To Liberty Elec Corp	Gives name place date for model "L" 1/2 kw emergency transmitter mfg by you- To American Radio Re Co di to 3-5 Liberty Elec Corp. Has prints showing front panel assembly. 3;12	
400554	To be changed to 736-4		Aviation tel head sets and charge to.	L
✓ 400210	None	N Baldwin	Asks if Bu will buy only radio tel en-cased within metal shells. To --- 3-19 requ fwd samples	W
✓ 400244	3;6	West Elec Co	Tel Will send sample key 3;8	
✓ 400491	3;7	Fed Co	Tel Reg official test of 2 kw arm radio merchant set be ord. To Mi Tel 3-11 To Fed Co Tel 3-11	W
✓ 400492	3;7	Carnegie Inst	Reg Marconi Co be authorized to sup two- step amplifier. To R.S. Cosman 3-17 To Marconi Co. 3-17 No objections to purchasing apparatus.	W

1319

Number.	Date.	From or To--	Subject.	
400554	3-7	Magnavox Co T	Asks if transm left at Bu some time ago have proven sat and if they are the ones spec to GE Co.	W
1399493	3-8	To Bureau of Standards	Asks inve in field of weather instrument and Bu advised re errors-	
400171	3-7	To Liberty Elec Corp	Advices transmitters of you mfg have successfully passed all acceptance tests--	
400407	3-7	To NY	Asks report of radio re apparatus installed on vessels listed NY-Describes instal of app on battles # 1, 2, 3 4:15 Cross to 2-2-6 NY-Instal of radio tel comp Sacramento, 4th. 4:25	
400411	3-8	To Siasconsett Sta	Wds instruction booklet-	
400408	3-8	To S&A	Asks shipment from Washn to NY radio telg material Received Luck 4:22 To NY asks acknow receipt 4-14	

19 19

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.	
398346	2:25	Ph	Sub inf as to disp of audion cont box.	W
398600	2:26	Cutting & Wash	Asks report on test of set. To- extracts from report-3-10	W
398605	2:28	<u>Bu Stand</u>	Spec for power tube. feds com and recs in con with conf held 2:20	W
398769	2:28	S J Weiss	Improvement in valve system, sub sketch with report. To- acknow receipt 3-10	W
398772	2:27	<u>Tel Elec Co</u>	Barrage rec available for instal at Ottercliff.	
398803	3-5	To Insp Pitts	React Furnish Ohio Brass Co with 54 re submittal to project are not com- to by sometime prior A fill list-	

RECEIVING AND FILING

Number.	Date.	From or To--	Subject.
397227	2-28	To Comdt Washn	Encls copy of report on Navy receivers made by LEONIDES at request of letter of Oct 15th 1918-
397413	2-28	To SEA	Request shipment from Washn to European Forces two pair Baldwin radio head telephones to European Forces T 2-28
359827	3-4	To Newport	Request approval receipt of radio apparatus sent to Newport, Reqs of Oct 12th to 30th-
398235	3-4	To Inspr Union Ar'n Works	Encls drawing showing arrangement of radi gear, ltr to R. S. Roberts of Subs 3-31 to S-35 inclusive-
399289	3-1	Signal Corps	Encls copy of ltr from American Expeditionary Force in conn w new form of high frequency amplifier developed by Capt Armstrong, Research Div Signal Corps. To War Dept 3-15 Request to be informed when apparatus is available.
399808	2-21 3-4	Harvard Radio School Communications	Troubles and defects with arc sets - Encls prints showing - To Comdt 3-3 Receipt of trouble sheets - 3-3 To Mass 3-14 received back 4-1

1919

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.	
✓ 397873	2:17	NI	Brit Navy vacuum tube fwd.	W
✓ 397850	2:25	E J Simon Co	Req fwd cov cost of mod airplane set deliv to Bu. E J Simon—Req reply to letter of 2:25 4:5 E J Simon — 4:14	
✓ 397907	2:24	Deforest Co	Fwds drawings cov 1/4 kw capnel set.	W
✓ 397941	2:21	Fleet Sup Base	Asks if Bu still desires 2 1/2 kw transm fwd. Fwd brooklyn 3-7	W
✓ 397675	2:24	Deforest Co	Req copy of spec cov vacuum tubes.	W

REC'D AND SEND

1925



Number.	Date.	From or To—	Subject.	
✓ 396924	2-25	To 36A	Reest shipment from Washn to NY five audion control boxes type GE1071 contract 39641 with Western Elec Co-	
✓ 396925	2-25	To 36A	Reest shipment from Washn to Phila four medium wave radio receivers type GE1220 contract 38271 with Wireless Spec Co- To Phila asks acknow receipt 4-9	
39640	2/20	To 9th All Nav Distr	Desired that smaller size transmitters accumulate in stack.	772-2
397798	2/24	Annapolis	Finds sample that will be used on arc relay keys at Sta recs similar on fleet station ready 2/15 for high speed sending To Bu Standards fws metal bearing trade name of PLATINO ID-recat analysis 2/26	920-1
398150	2:24	Crocker Wheeler Co	Asks Bu assistance in locating Eng radio tube sent to Dr Wheeler by Eng Gov. To European Forces- recat info re samp 2 2-28 Sims-Copy 7483-Valves fwd 6:29:18	3:20

Rec. & Send.

Number.	Date.	From or To—	Subject.	
395619	/19	To Cpt. 4th Kav. Dist.	Re: report on wire to B. showing material installed to R. st. dist. of boxes from Wash. D.C. to Phila. for Lav. Yd. 2/19 Ph-Sub report on ships listed. 2:22 To Phila- asks report be made 3-29 Phila 4:2	
397045	2:19	Wireless Imp Co	Req West Elec Co be authorized to release vacuum tube experimental work. To Western Elec Co - as per let or approving reqst to purchase two receiving vacuum tubes for expr work in their laboratories 2-26 To Wireless Co re above 2-26	W
397227	1:25	Sub Base Warfa	Sub report on rec instal on gen.	W
397413	2:24	Sims Copy 5200	Req And radio head rec at once.	W
397545	2:15	Liberty Elec Co	Asks if dept will grant license to build transm of all sizes under rights obtained by it by Fed Tel Co.	

3910

Number.	Date.	From or To--	Subject.	
39850	2/21	GE	Gives increase in cost for modifying transmitter for lengths of 238 and 600 meters W	629
35316	2/19	To USS Ship Bd Cleve	Requ report # of radio vacuum tubes not required at Ford Motor Co for Eagle Bt radio telephone installation W-S	624
396309	2/20	To SNA	Reqt shipt. of material from Wash. to & for Naval Observ.	
396963	2/29	To Chief. Sig. Of.	Reqt. that transmitter be shipped to Wash.	
392072	2/24	To Wash.	Reqt. reply to ref. (a)	
396911	2/24	To Wash.	Reqt. shipt. of material from Wash. to San Domingo for Mil. Gov.	

RECEIVING & SENDING.

Number.	Date.	From or To—	Subject.
393323	2-14	To Comdt Wash.	Bur having 1 American radio transmitter buzzer type delvd to Wash Yd for test— W Washington 6/13 To Wash - has been repaired 5-30 To sea— Wash - fwds special report-12/12
394473	2-13	To SEA	✓ Rst. shunt from Wash to Chief Signal Officer USA Wash - 1 audion control box, 2 variable condensers - W
394608	2-14	To Lowenstein Radio Co.	Bur arranging to have nec facilities available at NY Yd about 2/25 to test new Navy standard 1/2 kw set being constructed by you. W
64 394611	2-14	To Comdt Wash	Re test on sample trench buzzer set manfd by Marconi Co- W To Wash - reqst buzzer be returned to Wireless Co- 3-11
✓ 394825	2-14	To 1st Dist	Re radio apparatus for Destroyers 133 and 251 - Will be equipt with 5-KV 120 volt radio arc transmitters instead of 5-KV 120 volt spark transmitters- W To Comdt Boston, SO Boston and Inspectors- Ditto- 2/14
✓ 5050	2-13	Wireless Imp Co	Req list of material cov nec parts etc. furnished with spec drawings etc. To --- that B. will issue requis. and drawings cov ring materia. 2/20 be W

Number.	Date.	From or To—	Subject.
394612	2-15	To Wireless Spec. Appl. Co.	Fwdg copy of report of conference at BU NE 17/10 to determine and arrange specifics for all types of transmitting condensers employed in Naval Service. Best comments- 2/15 W
		To Phila-	fwdg curves 3-25
			To Mullier Condenser Co- Ditto- 2/15
			Dublier Cond Co -Spec not rec. Tel 2:17
			Dub Cond Co-Req fwd spec. 2:18
			Phila-Req reply to endorsement 1:29 2:21
			Wireless Spec Apparatus Co-Minutes of meet not rec. 2:21 Tel
394830	2-15	To 5th District	Bu assigns 5-KW spark radio transmitting set to NPN S&D Co for Destroyer 183- W
395141	2-17	To S&A	Reqd shpmt from Boston to Wash Yd 200 Morse Telegraph Keys- W
395415	2:14	Craft High Tension Lab	Req have GE Co ship tubes for use in experimental work.
			To GE- reqd arrange D. C. affee may receive pistrons in question 2-23
			To Dr C- fwise letter for nro 2-28
			To G.E. Co. 3-18
395526	2:13	Wireless Spec Apparatus Co	Req photoes or instruc books cov 5 kw radio transm deliv to Brook. W
			To GE- reqd t negatv & instruct. were destroyed in fire. 2/20
396174	2:17	Bu Stand	Standardization of vacuum tubes used for transm. report of conference.

RECEIVING & SENDING.

Number.	Date.	From or To—	Subject.	
393311	2-10	To S&A	✓ Rqst shpmt from Wash to N Y Long wave radio recvrs, amplifiers, etc. for stock. W To Norfolk-recvrs in store Norfolk for stock and further issue 10/1	
393312	2-10	To S&A	✓ Rqst shpmt from Wash to Phila Long wave radio recvrs, audion control boxes, amplifiers, etc. for stock. W	
393315	2-10	To S&A	✓ Rqst shpmt from Wash to Norfolk 5 two-step radio amplifiers, for stock. W RB	5:28
393322	2-10	To S&A	✓ Rqst shpmt from Wash to Charleston long wave radio recvrs, audion control boxes, etc., for stock. W RB	5:29
394203	1:25	Mine Force	Direct motor buzzer set be considered part of instal, if removed directs remove condenser for.	W
332796	2/11	To Comdt Forces European Waters	Advises re difficulties mentioned in letter Jan 11th & Jan 18 re failure in wax composition 1 base of vacuum tubes	letter 590
393666	2-12	To Secy of the Navy	(Wireless Spec App Co-Sub bid. 3-10) Re purchase of Battleship Receiver Equipment- Rqst authority for- W	
To Card 210		Dub Cond Co-Quotes prices for cond. Cross to 882 -1	to 210 or 210- asks rep call 2-28 To CE ditto	
		Wireless Spec Co-Sub bids cov cond. system. Tel 3:10	to 210 or 210- asks rep call 2-28	
		Dublier Cond Co 3/5 Representative will call on Bur with sample condensers-	to Wireless ditto 2-28 to CE ditto 2-28	
			to 3erry di-to 2-28 to Wireless Imp Cod ditto 2-28	
			Wireless Spec. App. Co. 3-4 (T) Repre	
			sentative will be in Wash 5/5-	

Number.	Date.	From or To--	Subject.
394081	2-12	To S&A	Rqst shgmt from Wash to Montoloking 1 short Wave Receiver- W
394496	2;10	Marconi Co	Asks if agree to send rep to radio test shop Washington to make mod for receivers. W
393921	2-13	To Bur Standards	Wdd minutes of the transmitting valve conference held at Bur 1-20- Rqst review and advise of any errors or omissions- W
	3;19	West Elec Co-Introduction for Dr Wilson and C H Stephenson.	To Firms. Signal Corps. Wash. - Ditto- 2/14 ~~Have Req action~~ West Elec Co-Sub comments on minutes of vacuum tube conf. 2;18
394476	2/18	To C&R Class III 125	Installation of 8 kw arc transmitters in main radio room elimination of lower
		127,133,134,140,141,155,166 171,183,186,187,251,252,268,296 pipe berth W	115-Q-8
368675	2-14	To Westinghouse E & M Co.	Bur pleased to note you are in position to develop a high voltage dynamotor set- W
		From Card 183	Development has been postponed for present-
393303	2-13	To Mare Isl (T)	Lists destroyers to receive 5 KW arc transmitters- W MI-Quotes their despatch of 2;14 in order to start work on radio room. 2;26

V

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.	
✓ 395156	2;5	Washington	Fwds description of vacuum tube for Navy service.	
393250	2-6	Washington	Fwds copy of latest publication on vacuum tubes - W	
392923	2/3	Canadial Naval Service	Re m assistance in obtaining GE large nitron W.	793-8
✓ 393774	2;10	West Elec Co	Submits minutes of of 2nd Tube Conf with corrections.	W
✓ 393855	1:28 2;10	J. T. Moore Direct Com	New type of vacuum tube. To- asks info re progress be fwd 3-25	
392593	2-8	To Comdt Norf.	Lists info recd from GE Co covg dimensions of starter panels being furnished as part of 30 K.W. arc equipment for installation at Norf.	
393018	2-8	To Insp'r Mch'y MPNS&DD CO	5 KW radio transmitters shipt from N Y-	
392017	2;7;19	To Washington	R B 3;3	

Number.	Date.	From or To—	Subject.
393028	2-10.	To Comdt Wash.	Type 31 fire control radio set being transf to Wash Id from USS WYOMING for spec tests- W To Washn- reqst investigation of 4-23 Washington-Report of test of fire cont set. 5;3 W
393303	2-8	To Mare Isl (T)	Desire install 1.5 KW radio arc transmitting set on each of 10 destroyers bldg at Union Iron Works. 2-8 MI-Tel-Status report. 2;12 To MI T 2-25 To MI T 2-23
393304	2-10	To S&A	✓ Rqst shpmt from Wash to BUFFALO 1 medium wave radio recvr type SE-1220- W
393305	2-10 upon recd of 4-4 9th Dist 4:23	To S&A	✓ Rqst shpmt from Wash to Cleveland 1 med wave rad recvr type SE-1220 - W 9th Dist - 3:29 To Com ts- reqst receipt of forms be executed ✓ Shipment order of 2:10 AB 4:33
393306	2-10	To S&A	✓ Rqst shpmt from Wash to Mainstique 1 med wave rad recvr type SE-1220 - W AB 5;9 9th Dist 5;18
393307	2-10	To Ind Mgr N Y	Rqst 3 vanykes and six blprts of drawings showing alterations and wiring nec to place 2 KW Milbourne & Clark transmitters in sat operation. be fwd. 1 W NY-Draws drawings- 2:25 ✓ To I-316- 31.5 changes be made 3-1
393310	2-10	To S&A	✓ Rqst shpmt from Wash to Boston Long wave rad recvrs, audion control boxes, etc. W
164 SE	2-12	To Marconi Co	Gives specifications under transmitters are being purchased. W-R

RADIO IN AND OUTGOING

Number.	Date.	From or To--	Subject.	
✓ 390505	2-1	To Western Electric Co-	Will inform of status of 3 radio phone sets on 3 ships listed when info available	2-1 W
389603	4-9	SOL	Fwds bill of Vreeland Apparatus Co.	
✓ 391456	2-3	Ordnance	Fwds letter from Behr req descrip prints, etc. cov various radio apparatus. To Col. F J Lear USA-Fwds drawings covg above. 2-8 To Comdt Wash-Fwd data listed to Behr. 2-8	
✓ 388138	2-3	To De Forest Radio Co	Fwds drawing showing overall dimensions of transmitting vacuum tube	
✓ 391742	2-3	To Phila	Asks action to show on Phila inventory card system all radio material now held at Phila	W
391571	2-3	1st Dist	Auxiliary hand key, fwds drawings showing alterations to. To Boston- reqst sample be fwd to Bu upon completion of test 3-27	W
✓ 392072	2-5	Dept	Fwds leaflet F B Perry & Sons cov prices of sets, asks reason of diff in invoice prices and leaflet prices. Fwd SO Wash 2-7 Fwd 4 Wash 3-8 To Operations 3-15	W

Number.	Date.	From or To—	Subject.	
391498	2/5	To S&A	Reest. shift. of transmitter from NY to Wash. for Navy Id. To Washn re: t know receipt 3-6 R B 3;14	
392762	2-5	Signal Corp	Fwd sketch for vacuum tubes requ comments on modification of base and socket W No chief Signal off 3-19 re socket req details W War Dept 3-21 Not necessary to socket	
391704	2/5	USE Naval Forces To C./European Waters	(T) Reest. two latest model Tee Four valves be obtained. Advice sh. in date To COMDR EUROPEAN WATERS T 2-5 European Forces-Valves fwd to Bureau. 3-12 To European force will repair broken valve deliv. 5:1	
392844	2:5	Washington	Acceptance test of receiver built by Marconi Co. submits report cov.	W
392726	2-5	New York	Requ auth to purchase spare parts from E J Simon for radio transmitter EX 0-13 inst in Chaser 4:1 W	
392796	1-18	European Forces	Submits report of use of Andison pumps W	
393069	2:4	Marconi Co	Fwd copy of corrected diagram which will be used for instruc books. Fwd Comdt Wash. 2-10	

RECEIVED AND CORDING

Number.	Date.	From or To—	Subject.	
368127	1-27	To S&A	Boats shipment from NY to GL- 15 1/2 KW radio transmitting sets R B 9-8 To S O NY- Must expedite shipment of 5 of above sets- 2/11 NY-transmission sets due under contract not available for ship. W 2:18	W
368130	1-28	To S&A	Boats shipment from NY to Montoloking NJ 1 Delco battery charging unit Boats shipment from NY to Montoloking Be cancelled 2-3	W
368131	2:21	To West E & M Co	Instruct to Ensign Speaker to visit plant. ~~No Ensign Speaker to visit plant.~~ To GE-Instruct to Ensign Speaker to visit plant. 2:21	W
369748	1:28	American RR Corp	Are position to place several thousand sets for life boats at disposal at once. To--informed that the demand for life boat radio transmitting apparatus has been reduced by the termination of war conditions that Dept. is no longer interested in equipment. 2/6	W
369740	1:28	American RR Corp	Sub info re-complete lab built in connection with vacuum tubes, transmitters and receivers, req. be considered in future. To--Must to attend conferences cannot be granted. Specimens are being prepared covg requirements and copies will be fwd. 2-7 To Xerox NY and Phila-7th pole on motor generator transfer switches will be eliminated on transfer switches with 8 pole transmitters To Cutler Hammer Co-Industrial Control Co- Auth to construct motor starter transfer switches with six poles only. 1-30 Walker Bros & Cleveland-Fwds prints showing con. 2:13 To Indus Co- satis to Bu 3-27	W
364765	SEE CARD 192			

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RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
351310	CARD 170		To NY- Change in basket dimensions for 1 and 2 new standard set units authorized New York 2-5 prints showing modifications for one set unit To Phila 3-15 No ships other than complete sets to be made in future.	W
✓ 369854	1:28	Lowenstein Co	Fwds vandykes showing corrected instruc on 5 kw gap holder.	
✓ 369793	1:25	Marconi Co	Fwds copy of instruc to all company superintendents in con with cooperation with navy in every way possible.	W
✓ 368128	1-29	To SAA	Repts shunt from Wash to GL- 15 medium wave radio receivers	W
368124	1-30	To SAA	Repts shunt from Boston to Am Radio and Research Co- 1 1/4 kw 17 radio even now in transmitter To Boston- Fwds copy of latter 3-Bk 3-M	W
390076	2-1	To SAA	Repts shunt from Wash to P.M. SYLLANIA 6 interfleet radio break keys To P.M. SYLLANIA- (T) informs of above for battle ships 1-31 To CO Battleships - Fwds instructions booklet 2-3 To Phila- Fwds 10 copies of instructions booklet 4-17 To Phila- Fwds copy of booklets. 4:29	
To --- States that encl. (a) 1 fwd. for assistance in the operation & installation transmitters. 2/4 To --- State that Navy. Yd. Wash. has fwd. to ships break keys for use with interfleet radio transmitters. 2/4 RB 8/4 W To --- asks if matrl recd 4-29				

RECEIVING AND SENDING

Number	Date	From or To	Subject	
387204	1-33	To Bu Standards	To - req fnd dup copies of report 9/6 Asks test made on British class T vacuum tube Bu Stand - 3;19 Bu Stand-Report of progress. 5;5	W
		BU STAND- Summary report of test power tubes. W 4;11		
		Bu Stand-Fwds and sup open rep. 5;17 to Bu Sd-ackn letter of 5-17 5-23 Bu Stand 8;5-Fwds rep of test with prints on tubes. 1-22 To Sd	Bu Stand-Fwds report on progress of test of power tubes. W 3;21 Bu Stand-Sup info re future prop set. 6;12 To Bu Standards-acknow rec of 3-21-3-25 Reqs shipt from NY to Bath Iron Works Rn 10 phones-storage batteries-charging panels To Bath Works-regst acknow receipt of shipt made 2-15 3-25	W
387703	1-23	To N Lon	Auth. N Lon to draw from stock for exp work of subs 1 short wave r. 10 recd ex	W
388125	1-24	To S&A	Reqs shipt from NY- to Pg Sd- 15 radio transmitting sets R B 4;1	W
388524	1;24	International R T Co	Are using elec motor for set.	
388711	1;17	Manhattan Elec Sup Co	Req drawings of amplifiers as standardized by Navy. To - drawings forwarded by Wash Yd 1-31 Manhattan Elec Supply Co 3/3 To Manhattan- Fwds addtl copies of draw 3-10 Cwd Wash 3-26 To Manhattan has fwd drawings 4-11	W

RECEIVING & SENDING:

Number.	Date.	From or To--	Subject.	
388734	None	Bu Standard	Test of vibration on vacuum sending tubes, comments on sat method.	W
389028	1:21	Richard Pfund	Asks if bureau interested in purchasing patent cov quenches spark gap. I was copy of. W To - Not to change unless would be a very large advantage 1-27	
389126	1-24	To S&A	Request shipment from Washn DC to Puget Sound fifteen medium wave radio receivers type 3E 1220 contract 38271, Wireless Spec Co- RS 6:12	
389375	1:25	Wireless Spec Ap Co	Sub report of progress of work on valve receiver. To - States that communications requiring attention of Lt. Eaton should be addressed to Radio Test Shop. Wash. 2/4. Ed. W.C.B. 2/5	W
389334	1:27	Natl Dist Tel Co	Request authority to purchase audion for experimental purposes from Deforest Co. To Deforest Co - I was copy of communication to Natl Dist Tel Co authorizing purchase of vacuum tubes - 2/11 To - Authorizes purchase of. 2/11	W

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.	
✓ 387217	1:20	West Elec Co	Req instruc in con with acceptance of resistance for audion valve control box which vary in lengths, mfg by GE Co.	
✓ 385861	1-18	To Bureau Standards	To GE Co. Wash 1-24 To GE Co. The Eastern Elec Co have been instructed to reject all tubes not of uniform length. 2-8 C. J. firms tele none instructions re turning tube over to Dr. Miller for test. W	
✓ 385879	1-18	To Bureau Standards	Suggest. secure GE 250 watt P tube for test. re vacuum tubes-	
✓ 385846	1/18	to Phila	S&A Request shipment of Radio apparratus as listed. Received back 1:22	W
✓ 385888	1/18	To LakeCo Bridgeport Conn	Audio control boxes detector stands and amplifiers inst. for 1000 cycles for a twenty one to twenty seven inclusive expressed from Navy Yard Wash Jan 17 lading ten eight four one.	W
386487	1/20	To Wash DC	S&A Request shipment of radio apparratus as listed.	W
✓ 388489	1/20	To Phila	S&A Request shipment of radio apparratus as listed.	W

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RECEIVING & SENDING:

Number	Date	From or To--	Subject.
386195	1/20	To Cutting & Wash	Re request to informed as to reason for desire W for info about short wave receiver type SC 143 To West Elec Co: Gives assignments of parts and request numbers be stamped. 1/20 Cutting & Washington-1:22 Western Electric Co. 2-7 To Western Electric Co-States Gummed Sticker should bear name of part as well as type number-2/12 West Elec Co- Rel to type number assigned. 3:11
587657	1:21	Boston	Req special allotment in con with test mica condenser at lab. of \$260. W To Comdt Boston-Req Bur be provided with set of drawings illustrating above. 2-4
42414	1/15	Memo	Verbal conversn with rep from Rectel Co in connection with 2KW arc radio transmitter States not yet satisfactory but expects to correct faults in 30 days faults not of nature to stop production W 529
587945	1:22	Deforest Co	Devel of high power tube for alternating work, req early delivery of one kw DC motor. W
588087	1:22	G E Co	Tubes for KC Co, sub quotations cov and req bureau purchase same for said Co. To--Bur not interested in purchase- 2/11 W

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.	
✓ 385232	1-15	To GE	Fwds minutes of transmitting valve conference held 11-8th	W
385233	1-15	To Western Elec Co	Fwds minutes of transmitting valve conference held 11-8th	W
385234	1-16	To Wash Yd	Fwds minutes of transmitting valve conference held 11-8th	W
✓ 385235	1-16	To Marconi Co	Fwds revised copy of transmitting valve conference held 11-8th	W
✓ 385237	1-15	To Dublier Condenser Co	Suggests that they take ~~up~~ up question of transmitter of commercial design with Marconi Co	W
✓ 385246	1-16	To SGA	Reqs. shipment ~~XXXX~~ to Simon Co NY from Wash 1 1/2 radio transmitting set E J Simon Co-Req fwd copy test report.	W 1,21
385675	1-16	Memo for Dept	Gives reason for specifying a standard design for transmitters-RE bid of E J Simon	O

RECEIVING & SENDING:

Number.	Date.	From or To--	Subject.
✓ 386214	1; 16	American RR Corp	Spec cov mfg instruc 1/2 kw emergency set, asks if should call for national elec code fuses instead National Elec Co elec fuses.
✓ 386435	1; 15	Outting & Washington	Sub comments on dif experienced with radio transm. W
28770	1/16	NY	10 KW Transmitter spark gaps submitted 629 by Lowenstein Co satisfactory Marconi's returned
386572	1; 10	None	Copy of letter to radio test shop Washington fwdg prints of receiver connected to cont. box. W
✓ 386730	1; 16	Phila	Conf tel conv rel to instal of 10,000 meter rec for Cummings approved. W

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.	
385197	1;13	Elec Cont Co	Automatic starter req., req copy of bureau's spec. W	
385199	1;2	USS TEXAS	Fwds report on operation of radio rec on board. W To Wash Yd. Report on operation of radio receivers enclosed copy. 1/20	
357010	SEE 3480	175	To Wash- Fwds copy report Standard receivers operation of from Sims Mine Force- Fwds report 3;11 CO. ANOPAH- 3;7 To Wash- Fwds reports 4-1	W
384121	1-13	To Phila	Fwds 2 vandykes of primary inductance for radio spark transmitters	W
384122	1-13	To Lowenstein	Fwds bur int of M Is report showing test and inspection of Larconi panel transmitters	W
384753	1-13	To 5th Dist	Asks if working model of rotary driven relay key for 30 w arc F. 1-0 equipment available Norl - Sample rotary key available. 1;22	W
384756	1-14	To 12th Dist	Reqs that M Is manf and ship 6 key units to Guam on small panel 12th Dist-Sperry sets of keys shipped 11;18 1;23	

RECEIVING & SENDING:

Number.	Date.	From or To--	Subject.	
385292	1:10	Sig Corps	Fwds copy of radio pamphlet entitled "Radio Tel Transm. Sets" W	
384611	6:4	Washington	Report of test buzzer transm.	W
385517	1:13	Atl Fleet	Gives disposition req of interfleet transm. W To Atl Fleet- Suggests 80 volt Battleships be equipt with 1/4 kw pack sets- Rqst rec be fwd re- 2/18 R B 3:8	
385609	1:11	J F Tilton	Asks where can secure copy of wireless rec set. To Simpson College- Gives info as to where sig corps amplifier may be purchased. 1:18	
33292	1/14	N. Y.	Standard Navy 1/2 kw up holder- Modifica- c29 tions to - fms prints W.	
384758	1-15	To International Radio	Tel Co- Fwds specs and drawings of 2 W spark transmitters	W
385228	1-15	T GE	Demand for receiving tubes will not start until January 1920 - type CC-90	W

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
383475	1:6	Annapolis	Hand and high speed keys at Norfolk to be shipped to Annapolis for experimental purposes. feds' prints. W
383132	1-8	To Phila	Reacts that thickness of brass lug terminals of primary inductance fittings for radio transmitters be increased W
383739	1:8	Wireless Improvement Co	Asks if bureau will authorize Fed Tel Co furnish set drawings cov 2 kw arc developed by that company. W To Wireless Imp Co. In ref to drawings which may be furnished. 1:18
5068	1/8	GE Co.	Radio compass amplifiers. Request confirmation of three samples to be submitted to Bu before production begins. W. 629
383795	1:8	Radio Lamp Corp	Req be favored with report of test cov Myer radio tubes. W
383834	1:8	Westinghouse E & M Co	Req set of drawings for short wave rec. W
383971	12:30 1:8	Cost Insp - West E L Co S&A	In con with disposal of defective vacuum tubes listed, req instruc. W

RECEIVING & SENDING

Number.	Date.	From or To--	Subject.
✓ 383155	1/9	To Phila	You are advised the Dublier Co has fwded 3 type SS-3535 transmitting condensers to points as listed. W
309266	1/9	To 1st Nav Dist	✓ To S&A - Rqst shprt from USS NEW MEXICO to SO Phila radio relay key- 2/10 S&A 3-23 Fwds copy of correspondence. Fwds 1st nav Dist W.
✓ 324755	1/9	To Comms.	Rqstd that recommendations be submitted as to advisability of eliminating 7th pole from motor generator transmitter switch. W
384680	1;11	S&A	Memo of phone conv with Phila rel to ship of transm sets to NY for vessels listed. W
✓ 384800	1;11	Canadian Iaco Philips Co	Req authority to secure transm and detec. lamps for experimental work in Holland. Canadian Iaco Philips Co-Req action. 1;29 To- advises has no objection to purchase of re ltr Jan 29th 2-5 To- s no object to purchasing 3-7
✓ 385295	1;10	Marconi Co	Type CM 294 C rec, fws vandykes and photass.

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
382182	1-4	To E.J. Simon	In re re-organization asks what action this has on various radio transmitters being manufactured by them for Navy E J Simon States that company has retained staf of engs. W 1:9	W
382185	1-4	To Lowenstein Radio Co	Returns radio a p as listed-loaned to BU	W
382660	12:27	MI	Fwd's prints and special report on test of Marconi Co transm. W	
382624	1:4	Western Elec Co	Transm received and amplifier shipped 7th rec. and signed for by gov rep. W	
382804	1:3	Wireless Imp Co	Fwd's blue prints instructions and install. book for one kw spark transm equip. W To— Ack receipt of above 1-16	
383120	1/9	To Wash	Fwd's report and description of long wave mtr manf by Navy Id Mare is for Rad Sta at Vladivostok. W	

RECEIVING AND FILING

Number.	Date.	From or To—	Subject.	
✓ 316985	SEP. CARD 148		To S&A Route shipment recd from Wash to Brest under date of 8-26th for amplifiers be cancelled	W
382818	1-4	To NY (T)	For supply Officer 50 pair Baldwin Radio Head P Boxes expressed you from Wash Id 1-3 b/l 10470 To NY (T) For 50 pair Baldwin Radio Head Boxes expressed you from Wash 1-3 1-4	
✓ 383032	1:6	E J Simon Co	Req direct radio trans mtd to bureau Oct 26 for test be returned.. W	
✓ 383072	1:6	Wireless Imp Co	Sub report on progress on trans equip at 47th St plant. To trans ar k- recd invest of claim 3-7 To Wireless Co- fws letter to Brook 3-10 Insr Brook - 3:14 Insr Brook-Instrument for 2 kw sets have delivered. " 3:38 Sub quotation with delivery on receiver. W	
✓ 383204	1:7	Wireless Imp Co		
✓ 383168	1:6	Wireless Imp Co	Submits report of progress on receivers etc. W	

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
379164	12-30	To S&A	Repts shipment from Wash to NY 1 Break Key To S&A—Repts shipment from Wash to Phila 25 Break Keys To S&A—1st shipment of 1 Break Key with spare parts, from Wash To NY 1/9 To S&A Repts amount of shipment order of 1-31-30 as it is To S&A request amendment 5/25/20	W 12-30
380965	12-28	To M Is	Gives outline of data agreed upon and laid down as a basis of a standard ~~gap~~ ~~gap~~ gap	W
380969	12-28	To GE	Fwds report of conference in connection with vacuum valves	W
381034	12-30	To Director Bu Standards	- Asks if they desire to send rep to conference re vacuum tubes To firms— Asks that rep be present Jan 20 at above conference 1-14 Bureau Standard - 1:18	W
381037	12-30	To S&A	Repts shipment from Bost to Insp'r S quantum 14 radio transmitting sets 5 K.	W
381049	12-30	To LEVIATHAN	Fwds radio telegraph booklets for instrn as listd.	W
381040	1:20	OO ARKANSAS	Submits data. Ph—Fwds spec radio report measurement of elec con of interfleet antenna. W 3:10	

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RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
381048	12-31	To C-in-C Atl Fleet NY-Fwds prints 2:12	Asks that info list be obtained from elec constants for new secret radio transmitting and receiving app 12-31
381050	12-31	To Atl Flt 2/4 R E 3/4 stating measurements of electric constants of small cage inter-fleet antenna will be taken by expert radio aide To Western Elec Co West Elec Co-Will not mfg standard apparatus for Government 1:31	To Com Phila-Req expedite measurements. 1:16 - Phila- 1:25 - Reg at. t at observation be repeated. 2/4 W Van Wyck-W (Cross to 374) Ph-Spec radio rep 3:10 - Bu endeavor - to standardize vacuum valves employ facilities as listed - Asks info of C in F
Card 213	12-31	Report on discuss of lat to F B Jewett on vacuum tube sit. 2:31	West Elec Co-Sub detailed comments on 1:18 To - in re difficulties with vacuum valve Western Elec Co - 1:31
381354	12-31	To Western Elec Co 3-19 To Director Bu Standards	West Elec Co-Tel-Deford patent rec. 3:24 - Repts rep present at conference to discuss merits of tungsten and coated filament valves - stand of vacuum valves To N.Y. Radio Lab Bu Stand ditto 12-31 To Ch Signal Officer War Dept ditto 12-31
381038	1-2	To Firms-Cdt Wash-Ch	Signal Officer War Dept-Fwds report of conference hold re standardization of vacuum tubes 1-2
381041	1-2	To Firms- To Firms-Advise that d of opening has been changed to an 14th. 1/9 Wireless Spec Apparatus Co- Tel-Req fwd drawings so that bids may be sub. 1:10 To Am Radio and Research. 3:30 Lists equipmt about to be req quisitioned for info 1-10	About to make r tn for transmitting app as list Fwds for advance information list of equipmt to Western Elec Co- Fwds advance information of above re in 1-2-transmitting equipmt 1-3 to Firms- Calls attention to modifications in part listus EEL 74 SIC for 200 250 radio spark transmitters 1-3 to Public Condenser Co- Gives advance info of r tn for radio transmitters 1-3 to Crocker-Wheeler Co- 1- Gebot Elec Co ditto 1-3 Wireless Imp Co-Req additional copy. 1:7 Liberty Elec Corp 1:8
379947	12/29	To S & A	Regst shipments from Wash to Dist Comm NY 1 short wave radio receiver W

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Number.	Date.	From or To—	Subject.
✓ 00004	12:11		To Chief Sig Officer War Dept-Acknowledges receipt of apad. 1:12
✓ 00060	1:13	Chila	Conf. 1 copy in con with status of r. 1:13
378842	12-24	To S&A	Reqs shipment from Wash to SAN FRANCISCO 1 radio buzzer instruction set CO SAN FRANCISCO-Instruc set rec. 3:13 W
324755	SENT CARD 161		To Industrial Controller Co. Fwds drawing showing set no. rd connections for r. 1:14
GAID 200	Walker Bros & Hayeland- Asks		mt of Navy spark transmitters. 12-21 W
✓ 379158	12-21	New York 1:14 To Dist Comm Supt NY	To Indus. Controller-Comments on drawing switch be 6 pole instead of 7 pole. W 1:15 transmitting condensers will be shipped direct from Dub Her Condenser Co- not later than 12-21 XXXX 12-21
✓ 000720	1:13		3:13 12-21 1:13 12-21 1:13 12-21

RECEIVING & SENDING:

Number.	Date.	From or To--	Subject.
✓ 300373	12-26	West Elec Co	30 kw arc conv returned by West Elec Co 12-11-18 West Elec Co-Req action. W 1/29 West Elec Co-Req action have payment authorized. 2:25 West Elec Co-Req payment be expedited. 3:8 To Western Elec Co- will make payment after ship to Washn yard, and test of 3-29 To Comdt Washn- Reqst receipt of ap r 4-1 West Elec Co- 30 kw arc conv returned. 4:7
✓ 378547	12-27	To Marconi Wireless Tel Co	To C-in-C Atl- Rm suggested method of dual reception 1-29 West Elec Ins Co - 1:6 To C-in-C Atl- Rm- In re above method of dual reception 1-15 Tel Co -No objections to Marconi furnishing photos of Navy radio ship to War Design for Rite of History compiled by War Dept
✓ 378843	12-30	To Cdr H. Dons	Will. J. Dons. 12-27-18 To West Elec. Understanding reached by telephone by Lt Eaton and Mr Shann 1/20 Fwd drawings and specifications of Navy standard 2 kw transformers and motor generators for radio transmitters W

REGISTERING AND INDEXING,

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Number.	Date.	From or To—	Subject.	
✓ 377198	12/20	To Industrial Controller Co.	Lot Bu policy to assign type numbers to starters.	W
✓ 377531	12/20	To Armour Inst of Technology	Bu has no objections to your negotiating with Electric Companies for vacuum tubes.	W
✓ 377636	12/20	To Everready Inc	Bu has no objections to your negotiating with Electric Companies for vacuum tubes.	W
✓ 378845	12/20	To Marconi Co.	Drawings urgently needed request that you send same as soon as possible.	W
✓ 378857	12/20	To Western Elec Instru Co.	Type numbers assigned	W
✓ 37979	12/19	To Bell Co	This also is for drawings of 2 kv tubes.	W
✓ 37404	12/19	To Bell	Contract conv. relative to shipment of train to New York.	W

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
✓ 377368	12-14	To F.K. Vreeland	Authority to purchase audion tubes from Western Elec Co	W
✓ 378045	12-16	To De Forest	Change to De Forest in De Forest 1/4 kw. tube to make them acceptable, but report To De Forest Radio Co- Confirms above 1-15	
377373	12-16	To S&A	Repts shipment from Wash to S&A Base N Lon Radio 3/3 is listed H B 3/6 To S&A - asks acknow receipt 3-1	W
377376	12-16	To Wash	Fwds one type "Q" British tube-for test Wash 3/3 Submits report of test -	W
✓ 316006	12-17	Marconi Co	Marconi Co. 12/17/18. Radio 3/3 is listed H B 3/6 To S&A - asks acknow receipt 3-1	
316006	12/16	Condit Mfg Co. Mass.	Bu authorizes Phila Yd to conduct further tests on circuit breakers in accordance with suggestions as stated. W.	

Number.	Date.	From or To—	Subject.
375156	12/18	To E.J. Simon	But not interested in any quenched spark transmitters other than that of standard Navy equipment - not advisable to conduct unnecessary tests. W.
378016	12/18	To S&A	Best that 500 vacuum tubes type CW 933, and 500 vacuum tubes type CW 931 be shipped from Wash to Phila Yd. W.
378017	12/18	Western Electric Co	RECEIVED DEC 19 1940 U.S. NAVY WASHINGTON, D.C.
378843	1:4	Legation of Norway	Acknowledges receipt of spec.
378844	12:30	Spec 18	Spec 18 to CO, SF to 12/18.
381469	12/28	To Wash Yd See Card 155	He requests that further investigation be carried on with the To 12/28 in progress 2-28 Washington 5/29
381670	12/20	To Wireless Spec 30 See Card 176	He requests info as to when you will be able to instruct booklets on installation of spark transmitters W
378324	12/20	To Wireless Spec 30	He has no objections to our negotiating with the color radio apparatus W

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
374321	12-9	To Harry -GL- M IS	Fwds. instrn bookd sor care and operation of short Range Phone sets	W
375006	12-9	To Manhattan Elec Supply Co-Asks that they submit for test sample Manhattan Elec Sup Co-Fwds buzzers.	buzzer for signal comm purposes	W
	12-9	Manhattan Elec Sup Co-Reqst report.	To — Asks that samples be submitted	12-21
375414	12-9	To Wash	To — Sample buzzer wound for lower than 6 volts returned 1-2	
C/RD 211	12-9	To Wash-Reqst test effect on ship compasses	Effect of Radio arc type transmitter on ship's compasses comments on	W
375417	12-9	To Wash-Reqst test outl. and be applied to British #16 transmitter	To Wash Asks reply to Lt of 1-29th 1-28 Received back from Washington 1:3	
	12-9	To GL	Reqs that 4 radio amplifiers formerly of GL Labo be turned over GL Radio school	W
375529	12-9	To Lib Elec Corp	To Lib Elec Corp-v.bove set satisfactory in performance and workmanship	12-15
	12-7	Lib Elec Co	Lib Elec Co-Asks that samples be submitted	
	12-7	Lib Elec Co	Lib Elec Co-Asks that samples be submitted	
372556	old No.	Shipment order of Nov.	29 R.B. 12/16	

Number.	Date.	From or To—	Subject.	
377198	None	Walter Reed & Cleveland	Re: ... for for ... Co., ... type	
375312	12/11	T. J. Signal Officer	U.S. Army. ... if ... of for Signal Corps. ... War Dept - 3/11	
377531	12/12	Armor Inst. Technology	Ask if Bur. can furnish vacuum tube for use in high frequency currents for wireless tel.	
377656	12/13	Everyday Engineering Mag.	Req. information re making arrangements for purchase of vacuum tubes from G.E.Co.	W
376850	12-13	To SEA	Repts shipment from NY to Todd ship Yds. 1 KW radio transmitting sets Insr Line Sweeper 4:21	W
377163	12-14	To NY	Sims notified to reship 11 Sperry emergency radio transmitting sets from base 18 to NY - Acks to be notified when shipment recd	W

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
373539	12/2	To S&A	Reqs. shipt. of battery charging unit from Norf. to Chasn.
373540	12/2	To S&A	Reqs. shipt. of battery charging unit from Norf. to Chasn. Recd. 12/2/18 1:21
373541	12/2	To S&A	Reqs. shipt. of battery charging unit from NY to Boston. 12/2/18 11:11
373542	12/2	To S&A	Reqs. shipt. of battery charging unit from NY to Boston
374555	11/25	Cullin & Washington	Swde prints cov 1/4 kw transm. 1
374556	11/2	Com	Reqs. shipt. of 10 kw of shell & c. 12/2/18 11:11
374557	11/1	10 Jan	Reqs. shipt. of 10 kw of shell & c. 12/2/18 11:11

... ..

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RECEIVING & LENDING.

Number.	Date.	From or To--	Subject.
372125	11-29	To Companies	Gives inform re bids on battery charging panels and vacuum tube control panels. W Radio Lamp Corp. 11-29-18 On 11-29-18. W- 11-29-18
372550	11-29	To GE	Comments re report on production of vacuum tubes. W Radio Lamp Corp. 11-29-18
372556	11-29	To S&A	Reqst shipment storage battery Norf to Cape Hatteras. W
372557	11-29	To Wash	Re development of amplifier. W Washington 3:18:19
372565	11-29	To War Dept, Wash	Acknls receipt of copy of parts list, W
372768	11-29	To S&A	Reqst shipment arc transmitting set Wash to Brooklyn, W
372771	11-29	To Wash	Re test of sample transmitting & receiving vacuum tubes. W Radio Lamp Corp. 11-29-18 To Radio Lamp Corp. Give report of test on three tubes 1-10

Number.	Date.	From or To-	Subject.
373614	11:30	K C Co	1st copy of 1st from Fed Tel Co sta in spec of 2nd wire trans have been delivered to Bureau. To ----- Drawings returned to Fed Co 12-21
373627	11:30	E J Simon Co	Drawings to be sent as a order offer
373025	11-29	To GE	Grid leak type CG1037 supplied Western Elec Co without type No stamped thereon Western Elec. Co. 12/13 W
373331	12-2	To S&A	He desires no delay in delivery of audion control boxes. GE Co, reqst to stamp type nos on grid leaks 12/17 Repts shpmt from Wash to Key West 500 vacuum tubes W Shipment order back 1:9
373333	12-2	To S&A	Repts shpmt from NY to Phila 1000 vac tube tubes W Reqst that shpmt of above be cancelled. 12/18
373338	12-2	To S&A	Repts shpmt from Wash to Chasn 1000 vacuum tubes Received back 1:10 W
373029	12-2	To Inspr Bost-	Conf phones 11-25-26th-Does not require stamping of serial Nos on Morse keys being manfd by Manhattan Elec Supply Co on contract 632 W
373538	12/2	To S&A	Repts shpmt of battery charging unit from Norf. to Cherrystone Is. 12/2 Cherrystone Isl-No inventory of radio at 12:15 To Cdr Sect 3 Cherrystone Nav Base- Repts that above material be fwded to Fishermans Is when recd 12-3 [over]



372112 5.1.1917:

Number	Date	From or To	Subject
✓ 372112	11:25	N K Vreeland	Has no objection to your obtaining 2 standard detector bulbs.
372088	11:25	New London Base	Req mfg of radio transmitters in strict C to time ship of transmitters in box and shipped in 6 separate boxes.
372116	11-27	To NY	Reqst two copies of instruction booklet, W
372117	11-26	To NY (T)	Has arranged delivery of two French short range buzzer transmitters. To Wash, reqst radio receiver be turned into store, 11-29
✓ 372904	11:27	Western Elec Co	Sul report car work involved in connection with 3-3 R B 3:20
✓ 373079	11:27	Doc and Co	Fwds sample of kw sets.
372120	11:29	Shipment Order - Fwd-	Received back 1:23

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.
373173	11:29	Insp'r Fed Co	No longer used. In and back circuit to 27th, chopper Dec Lrd W
371860	11-29	To Western Elec.Co.,	Next conference of vacuum tube detectors will be held Dec.16th at 10 AM,W To Wash, re above, 11-29 To Chief Sig.Officer Army, re above, 11-29 To GE, re above, 11-29
372115	11-29	To Chief Signal Officer, U.S.Army	Re use of British type 16 arc data by Signal Corps,W Exds British Conf Publications as listed, re British type 16 Arc. 12/17 12/17
372140	11:29	Fed Tel Co	Exds Bell 1 d.c. in cov 2 kw arc radio transm. W
372121	11-27	To S&A	Rqst shipmt 1000 vacuum tubes Wash to Norf, W
372123	1:27	Shipment order Fwd	Received back 2:5
372122	11-29 ?	To S&A	Rqst shipmt 2000 vacuum tubes Wash to Pg Sq, W
372124	11-29	To S&A	Rqst shipmt 2000 vacuum tubes Wash to NY, W

RECEIVING & SENDING:

[illegible]

RECEIVING & SHIPPING:

Number	Date	From or To	Subject
✓ 370777	11;20	West Elec Co	Fwds sample high power transm valve which is turned over to them by British Admiralty.
370717	11-23	To Comits & Mgrs	Fwds calibration sheet for Stand Navy spark transmitters, comments W
	2nd Dist- 3;20		2nd Dist- Fwds calibration sheet of spark transm. 1;25
✓ 371140	11;20	Wireless Spec Co	2nd Dist- Fwds calibration sheet. 3;13 also 1 set of drawings re 10 valves also 1 set of drawings re 10 valves To Wash, fws letter and blueprints, 11-27
✓ 371100	12;2	Mar Dept	Old letter
✓ 371102	11;21	Western House E & M Co	3. complete set of drawings of aulion control box. W To—, comments re above rqst, 11-29
✓ 371104	11;21	Indian Head	Req prints of 1/2 low transm built by Indian Head To—, fws booklet, 11-29
371727	11-25	To S&A	Rqst. shipment radio apparatus NY to Suffield, W1-2 Managerial Dept. 11;30

REPLYING & CHASING:

Number.	Date.	From or To—	Subject.
✓ 371908	11:27	American R.R. Corp. To Boston 3-15 R B 3:21 American R.R. Corp. Adv that Co on approved list. 4:29	Re Boston yard be advised whether or no sample of relay key is available for test. American R.R. Corp. Dec. 9 - Railway Admin- istration has supervision no longer over vessels To—Relay key in question fwd to Boston Yd for test- 2/19 To Boston- Fast test key and fwd report 2/19 To American R.R. Corp. 3-15 relative to transmitting relay key.
✓ 371972	11:52	Marconi Co	Re information received by 11:27 To— comments re above, 11-29 To Marconi Co- Asks info re developmt of above 12- 13
✓ 372164	5:29	War Dept	Re development of radio set for Army. I have designed by Army.
✓ 372530	11:25	International Radio Co	Report on excess quantity of certain parts, esp. vi. switch on land, and in air. Will be 3 are. To Lowenstein. Fwds. vandyke copy of drawing 12/3 (2 letters) To— Suggests to write to Low- enstein 12/3
✓ 372107	11-26	To Chief Signal Officer	Fwds copy of report covering conference re radio frequency amplifiers. V

Number.	Date.	From or To--	Subject.	
✓ 370003	11-12	Insp'r Fed	Sub report of preliminary test of experimental 2 kv set.	
✓ 369729	11-19	US Signal Corps, Wash	Fwds copy of report of conference re to vacuum tube detectors, Rqst representative attend next meeting 12-6, W	
✓ 369735	11-20	To S&A	Rqst shipt radio apparatus Wash to Signal Corps W	
369738	11-19	To F Lowenstein,	Authorized to include modification in mfg of gap gaskets for spark gaps W	
357765	11/12	To Washington	Report on test of electric machine for type radio transmitter and receiver. W	919
✓ 370061	11-22	To Western Elec Co	Rqst that copy of instrns book be fwd in shipg crate with the radio telephone set W	
370160	11-19	4th Dist	Adv. wiring of Luxor system for use in con with terminal 51 original bell tel. W	
✓ 370192	11-18	Washington (5)	Req authorit. to develop radio tel trans- Fwd Wash 12-2	W
369730	1-3	Genl Elec Co	Old Number	

REC'D 11/17/36
D.L.S.

Number.	Date.	From or To—	Subject.
✓ 270415	11:18	West Elec Co	Underlines is not nec to relay patent name plate from action control box. West Elec Co—Coman' on Atlantic 1-13 To Insp'r Brook—No objection to above 1-13
✓ 270417	11:17	West Elec Co	Condensers used in action control box, sub stitution of variation of grid on 1-13
✓ 369727	11-20	To Wash	RE investigation and modification of French L-3 radio frequency audion amplifier W
✓ 270817	11:15	3rd Dist	Req direct com super be furnished with arc transm for instruc of arm guard radio operator. W To S&A, reqst shipmt radio apparatus Phila to NY, 11-25
✓ 270776	11:20	Marconi Co	Fwds 1 voice and bill of lading GE Co covering tubes. W

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
368318	11-14	To S&A	Rqst shipt radio apparatus Wash to 15th Dist W
368672	11-14	To Force #9	12 Radio amplifiers batteries and tubes shipt you Seven stage amplifiers rejectors and 2 acceptors not available W
368678	11-18	To Bureau of Standards	re install of radio telephone at shore Stations comments, 11-18 W
369004	11:14	International R T Co	Sub price at which will sell surplus stock of cable keys. 7 1/2 --- 10.00 at this time for 11.5. 11/15
369454	11:7	MI	Reports two one kw radio sets stored at Marine Elec Co, asks if bureau desires to take possession. To—, not desired that above be purchased, 11-27
369555	11:9	Phila	Conf tel cover rel to test of meters for use with transmitters. 7

898 RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.
368675 TO GARD 203	11-16 info. 12/14	To Firms Listed West'gse E. & M. Co. req. further To West. Elec Co. Copy ltr dated 11/15 enclosed. 12/19	re designs for radio transmitting apparatus req special form of dynamotor, employing 3 separate armature windings as listed W H.C. Co. Dec. 9 Westinghouse E & M Co. Asks if 120 meter will meet req. W 2,10
369137	11-16	GE Co-Sub quotations with descrip To Washington	Rsqs radio telephone booklets W
369138	11-16	To Wash	Rqst for vandykes of dwg RW 50F 228. W Vandykes of million cont box. 11:22
369139	11-16	To Wash	Fnds prints of dwgs listed W
369141	11-16	To Phila	Rqst reports of radio transmitting sets W
369143	11-16	To Boston	Re failure to submit semi-monthly report of radio W Boston-CM missing card. 11:15
369625	11:16	Wilson Radio Corp	Re payment of radio rec deliv to Washington To—acks letter of 11-28, comments 11-22

898 : RECEIVING & SENDING

Number.	Date.	From or To—	Subject.	
365921	11/9	To S&A	Repts. sent from NY to W. Jan 4, 1/2	927
367186	11-13	Lowenstein Radio Co. Comments on mfg of 300	1/2 K W radio transmitters W	
367436	11-13	To Boston	Comments on report of spark gaps of radio W	
367938	11-13	To War Dept	Dwg. for receivers type radio comments W	
367197	11-14	Every Co	Will do in Wireless in revertent Co. case. Plans for assembling receiving sets To Wireless Co. Comments on report 11-11	
368319	11-11	To S&A	Rqst shipt radio apparatus Wash to Div #9, W	
368322	11-14	To S&A	Rqst shipt radio apparatus Wash to Norf W	
367769	11-14	To Phila	re missing parts on radio transmitters W	
367769	11-14	To NY	re radio apparatus for Seagoing Tugs W To NY Gives instrns. 9/1/21 RB 9/24/21.WK	
367769	11-14	To Pg. Sd	re radio apparatus for Seagoing Tugs W To Puget S- instruc re appr for installn	7/10

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.
✓ 358097	11:9	Wireless Improvement Co	Sub schedule of delivery not rec with comments on faults found in which cannot be correctly charged to Co. W
358238	11:11	KC m	Fwds list of spares cov radio transm. To KC Acks photos of radio transmitters 11-15
358237	11:11	KC	Fwds photos cov transmitters. W
358663	11:13	NY modeling	Marconi radio receiver type 107 A re-modeling sub recs and fws print. Fwd. Wash. 12/3 Fwds description of method used by NY Yd for improving operation of Marconi Type 107A receiver. - Bu approves method, but desires Yd to make such repairs on receivers only in cases of necessity. 12/17 W.

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
366152	11:2	Cutting & Washington	Blue prints of CP 1110 transmitter showing measurements fwd. W
366254	10:25	MI	Fwds vandykes report cov test of 5 kw arc transm sub by Fed Co
366217	11:5	Washington	Sub report on test of US Army Sig Corps spark set used as life boat set.
366607	11-7	To Wash R	Re design of stand Magnetic Coupled type transmitter comments to Simon. Re tests on red signed panel type radio transmitter 11/13
366620	11-7	To Cutler Hammer Mfg	E J Simon Co—Fwds report of test 11:20 Fwds B/E of 5 kw report of Simon 1/2 kw spark trans 12:6 To— Fwds sheets of red o spark transmitter specifications 11-20

RECEIVING & SEEDING.

Number.	Date.	From or To—	Subject.
✓ 366499	11:4	Marconi Co	Sub report of defective and broken pliatrons received from GE Co. 10-11-18 11-11-18 11-11-18 11-11-18
✓ 366718	10:28 11:6	Wireless IMPROVEMENT Co S&A	Are now in position to mfg 5 kw spark transmitter for navy. W
367476	11:7	Boston	Twis special report on special spark plugs calls attention to best service. W
✓ 367402	11:7	American R & T Corp	Acknowledged receipt of drawings requested and showing alterations made. W
✓ 363091	11:9	E J Simon Co	Report of copy of test on conductive couple 1:2 10/11/18 W

Number	Date	From or To	Subject
✓ 364988	10:31	GE CO	Possible to develop 30 kw generators plutonium tubes through use of iron or steel container, asks if small push development work. W GE Co-Sub production report. W 11:11 G E Co- 11:5 G E Co- Total of 524 plutonium tubes have have been shipped. 11:19
✓ 365272	11:1	NY	Invention of substitute for spark gap made by C Gardiner, finds pencil sketch with connects on.
365172	10:27	MI	Asks report covering inspect of apparatus on vessels listed.
✓ 365428	11-5	To Nat'l Elec Supply Co	Must inform re receipt of keys shippt W To Nat'l Elec Supply Co 11-5 apparatus Boston to Nat'l Elec Supply Co 11-5 To Boston (T) expedite shippt radio relay keys 11-14
✓ 365801	11-5	To G E (T) E L Craft -Will have rep present	Must white visit Radio Div SE for consider- ation of new valve (11-5) representative attend radio valve conference 11-5 To Edison Lamp I rqt presence at conf, 11-6 Must long wave radio received, one audition box and amplifier with batteries for steam at Cavite. W
✓ 365011	11-5	To H Is (T)	MI-List apparatus which will be fwd to Cavite. 11:2
✓ 365427	11-6	Lowenstein Radio	Requests loan of radio transmitting set from NY W

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
362973	10-29	To S&A	Reqs shipmt from Wash to Elec Boat Co Quincy- radio app	W
363206	10-29	To S&A	Reqs shipmt from Wash to Inspr Lake Torpedo Co radio app for Sub S-2	W
363207	11-23	To Inspr Lake	re damage in shipt of radio transmitting set W	
363209	10-29	To S&A	Reqs shipmt from Wash to Ports Radio app for S-3	11:10
363214	10-29	To Dubilier Condenser Co	Ports-Tel-Req expedite deliv of apparatus for Sub S-3 2:5 To Ind Mgr Ports-Re above.	11:21
363320	10-29	To S&A	To proceed to manf 100 sets of condensers for radio transmitters of 1/2 KW capacity To Weston Elec Instrument Co ditto 10-29 To Phila in re above 11-8	W
363351	10-26	Key West	Reqs shipmt from Wash to Inspr Elec Boat Co- radio app for sub S-1	
363352	10-26	Key West	Shipmt order received lack 11:29	
363514	11/7	To GCR	To Norf- acknow receipt of ltr 2-10 Tel tahl RecCo- fdr cov of radio rept 3-1	
364223	see card 216		Req authority to draw from stock one mesco 2500 watt receiver for use at Tampa and Miami W	
			Fwd Washington. 11-27	
			To Norf- Asks reply to let of 12-14 Norf-Feds vandyke	
			of suitability test. 2:10	
			To Wireless Imp you are qualified bidder	11-6
			Report status of work on install of; new ho 343 for radio transmitter.	376

1918

RECEIVING AND SHEDDING

Number.	Date.	From or To--	Subject.
361159	10-30	To S&A at 3:30 PM; 20	Reqs shipmt from NY to Suffield 1 1/2 kw gas engine driven radio transmitting set
363270	11-21	To Insp. Lake (T)	To S&A, reqst cancellation BUSE order Oct. 30th. 11-25 To Insp. Akron, comments re above order. 11-27 Boston will ship radio transmitting set W
363251	10:26	Key West	Req authority to draw from stock 1 neseo field type receiver for use at Camps and Miami To Key West- short wave receiver will be shipped 11-1
364286	10-20	MI	Feds Tel Tel Co req for authority to use rec cabinet in Hobart radio stat.
278	2/12	Request serial numbers	To Ved. Tel Co. 1-9 M is - 4/24 - W
364286	10-20	To Cat MI 3/2/20	15 kw au. detector 1 kw 300 ohm from Phila - 11-11 - will inform Phila vehicle from 1 kw 300 ohm 11-11 W
364286	10-20	To Dir. of Genl. of Com	15 kw au. detector 1 kw 300 ohm from Phila - 11-11 - will inform Phila vehicle from 1 kw 300 ohm 11-11 W
364286	10-20	To Phila S. J. MEXICO-8/1	15 kw au. detector 1 kw 300 ohm from Phila - 11-11 - will inform Phila vehicle from 1 kw 300 ohm 11-11 W
364286	10-20	To Phila Elec Co	15 kw au. detector 1 kw 300 ohm from Phila - 11-11 - will inform Phila vehicle from 1 kw 300 ohm 11-11 W
364209	11-1	To Wash	RE shipmt of Morse Keys from Phila to Wash
364222	11-1	Philas Keys 11-1	To S&A Reqs shipmt from Phila to Wash
364222	11-1	Conf tel conv rel to assignment	of 25 kw arc sets. 11-11
364222	11-1	To S&A	Reqs shipmt from Wash to Harvard Uni 4 medium wave radio receivers W
364222	11-1	To S&A	Reqs shipmt from Wash to Harvard Uni 4 medium wave radio receivers W
364222	11-1	To S&A	Reqs shipmt from Wash to Harvard Uni 4 medium wave radio receivers W

Number.	Date.	From or To --	Subject.
✓ 361670	10:32	Phila See Card 190	Radio trans. set received without instruc- books from Wireless Spec Apparatus Co., req books be fwd. To Bost- 58 copies of above needed 11-1 To Wireless Specialty App. Co. - informs of above shortage of instrn booklets 11-1
361676	11:5	Wireless Spec Co	Bulletin will be fwd at once.
361639	10:23	K C Co.	Asks if 30% advance payment clause will will be included in contract gov radio trans recently ordered. W
✓ 362075	10:43	Phila	~~Sept. 10/22~~ 10 radio transmitters be turn at Cape May. 10/26 from. W To --- Shipt. to be made to Cape May. 10/26
361195	10-23	Chasn	Asks info change in materialsheets for 1 KW transmitter-SE 1060-contract 2411 - Marconi Wireless Tel Co W
362898	10/24	NY	Expressed m'ts - payments for receiver wiring - this prints. D. 908
✓ 361174	11/12	To Phila .	Re to. corrected information re change of material sheets for Field Type R.C.'rs.

1918

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.	
361946	10-25	To S&A	Repts shipment from Wash to Bu Standards 2 2-step radio amplifiers Bureau Standard 11-4	W
360425	10/26	To Phila.	Repts. consideration of difficulties outlined in report. To Phila- approves reas 6-18	
360431	10/24	To S&A	Repts. shipt. of rad. transmit. sets from NY to N.Y. for vessels. To NY, assignment of radio transmitting sets with Marconi 11-14	
357170	CARD 175	To S&A	Fwds let of Buffalo Forge Co of 10-4th for information	W
3615959	10-25	To S&A	Repts shipment from Wash to NY 175 pair of radio standard head phones	W
362407	10-26 trace above	To S&A shipment 12-14	Repts shipment from Wash to Suffield Ohio radio app. TO S&A CONST. INC. 11-1 To S&A- Asks that vigorous action be taken to	W
362781	10-29	To Lib Elec Corp	Fwds drawing showing proposed stop for 2 KW wave charger arm etc - repts 50 additional sets be constructed accordingly	W
361646	11-1	To East	Dist Comm let of 10-2 to Fed Tel Co Ack receipt of booklets for installn care and operation of 2 KW arc transmitters mitters will be fwded when completed Co-located book will be fwded as soon as comm. letter	W

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.	
✓ 360908	10/16	E. J. Simon	SEA Oct. 19 States contracts with Navy are rapidly approaching completion and requests information re future business	
✓ 361121	10/21	Korf.	Suitability test of 1/2 K.W. Automatic starter submitted by Cutler Co. Submits special report	W
✓ 361266	10/21	KAC Co.	Request contract number covering one PW transmitter on order with Co.	W
✓ 361 257	10/19	W. R. Co.	Plans drawing covering proposed re-design of dynamic motor system for receiving and transmitting set	W

RECEIVING AND SENDING

[OVER.]

RECEIVING AND SENDING

Number.	Date.	From or To--	Subject.	
359167	10-19	To S&A	Repts shipment from NY to Phila 75 2-KW radio transmitting sets complete	W
	listed 10-24		To NY. Repts that 100 2KW radio transmitting sets become available from Atlantic in order	
359169	10-19	To S&A	Repts shipment from NY to Chasn 15 2-KW radio transmitting sets	W
			Ship Order of 10:19 RB 3:25:19	
359665	10-19	To S&A	Repts shipment from Wash to Key West 100 type 1E-3555-1W batteries	W
359666	10-19	To S&A	Repts shipment from Wash to Chasn 100 type B batteries	W
359667	10-19	To S&A	Repts shipment from Wash to G L 50 pair head phones West Elec Co	W
359817	10-19	To Kilbourne & Clark Mfg Co	Authorized to submit transformers by Am transformer Co -CAT-1218-re 10:25 to their Mr Cooper	W
359821	10-19	To S&A	Repts shipment from Bost to Ports radio a p as listed for vessels of U.S.S. Bd received back 11:2	W
359822	10-19	To S&A	Repts shipment from Bost to Newport radio a p as listed 11-11-18	W
359619	10/17	Marconi Co.	17 KW. Covering transmitters and receivers. Request received from various Navy Yards. Repts Section To 1. Cris, was booklet 11-5	

1918

RECEIVING AND MAILING

Number.	Date.	From or To—	Subject.	
359557	10/14	Washington To—Auth to design and build bulb testing machines 12-20	Relative to inspection of vacuum tubes. Submits recommendations for purchase of new tubes in 10 short wave receivers Reqs. shipment from Post to Ports-10 radio transmitting sets with 10 short wave receivers Shipment order 10:23 back 10:29	W
359323	10-19	To S&A	Reqs. shipment from Post to Ports-10 radio transmitting sets with 10 short wave receivers Shipment order 10:23 back 10:29	W
359324	10-19	To S&A	Reqs. shipment from Post to Ports-10 radio transmitting sets with 10 short wave receivers	W
359327 and 207			Reqs. shipment from Post to Ports-10 radio transmitting sets with 10 short wave receivers	W
359325	10-19	To S&A	Reqs. shipment from Post to Ports-10 radio transmitting sets with 10 short wave receivers	W
359332	10-21	To Comr-Bu Nav Dept Commerce	Asks any additional info re: usefull ness of a 10" Marconi induction coil to be used with minutes of meeting held to de- termine above CO-Orizaba-Report of instal. 10:18	W
360368	10/10	Maré Island	Submits report of receiving parts turned over from Electric Co. To—Author. repair of rec 10/26	W
359832	10:25	Dept	Minutes of meeting held. To—Admiral Grant. copy of minutes of meeting 11-6	

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.	
358277	9/17	K. Lachman	Atlantic Fleet Oct. 9 Recommends head telephone sets be made of aluminum metal in low hard rubber test Rvd Wash 11-6 received back 11:13	
358481	10-17	To NY	Asks 3 vandyke copies of latest alteration of drawing NY 32A-12 - giving instrns for repairing spark gap baskets NY 10-24-Rvds vandykes W	W
358491	10-16	To Chasn	Asks that receipt of radio receivers be acknowledged - Arcton type C-24 American Gas Accum Co - Sub estimate. Charlston - 11:6	W
359001	10-17	To Sims [T]v	Obtain copy latest high power type bulb transmitter used British battleships and mail Bu earliest practicable date	W
358495	10/14	Washington	Submits report of test of receiver by American Gas Accumulator Co. on an Accu for Co - receiver been tested on 10-18-46 test of receiver 2 10-21 tests of radio receiver 2 10-21	W
359155	10-18	To NY	Re: radio ~~max~~ transmitting sets on contract with Lovenstein Co be shipped in order listed Shipment Order 12:30	W
359379	10-18	To Sea	Re: radio signal from ship to Charleston RB 7:25 Vessels of U.S. Navy - report wave receivers To Sea req sanc SO 10/18/46 7/14/49	W

1918

RECEIVED - PUBLIC

Number.	Date.	From or To--	Subject.
359000 ¹	10-18	To Phila	Sends 10 copies of Instrn books-type SM 3521 Interlect transmitters Sims-Copy- 499 Complete data on Brit valve transm fnd to bureau 13th 11:25
358999	10-17	To S&A	Re ts shipt from Wash to Ports for vessels of U.S. Bd- 10 is out wave receivers to Ports- rec'd acknow receipt of a pr 2-26
359160	10-18	To SEA	Re ts shipt from Wash to Chasn for vessels of U.S. Bd- 7 short wave receivers
359165	10-18	To S&A	Re ts shipt from Post to W's- for vessels of U.S. Bd- 5 1/2 AM radio transmitting sets S&A- rec'd 1:5
359166	10-16	To SEA	Re ts shipt from Post to SEA- for vessels of U.S. Bd- 10 1/2 AM radio transmitting sets SEA- 11:2
359653	10-18	To Sims (T)	Your 3248 BUZE 9722 o.k. one add'n battery charg panel authorized each destroyer alternate will be made accordingly Sims- 7:45 AM To Sims (T) Your 7845 Buseng 3406 add'n battery charging panel policy unchanged except for dests who will receive only one 10-29
359167	10:25	Phila	Old Number
359169	11:9	NY	Req correct information re radio assignment.

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
✓ 358462	10/9	<u>Western Elec. Co.</u>	Pilament restate construction of audion control box, impossible to solder nichrome wire. Request authority to substitute wire. To Western Elec Co ~~XXXX~~ In re above	W 10-30
✓ 358601	10/8	<u>Federal Tele. Co.</u>	Fwds letter from C.E. Davis, C. E., request- ing information concerning construction oper- ation of poulsen art transmitter	W
357019 Wash 3-19 rpr fwd SEE CARD 196 ✓ 358037	10/15 To Wash- receivers 10/11	To Alt & Pac Flt To Sims Fwds report op of Navy from PITTSBURG 12-27 Sub rep 12:20 Walter Bros. & Haviland	Next report be made on operation of all types of receivers in service, stating all name plate data on receiver, & capacity in coils: 90.W Pacific 11/9 OO SP 1213 2:10 Submits designs covering automatic and hand operated apparatus for transmitters with comments on	W 12:22
355997	10-15	To Em Fleet Corp	Reqs that list be prepared outlining require- ments of small portable radio transmitters for life boats	W
✓ 357714	10-15	To Anthony Machine & Elec Wks-	Will be placed on mailing list for further detector orders To Wash- Fwds notes on above detectors-reqts detectors insptd and retnd 10-17	W
344544	10-17	Fwd Wash	Reqs return to Chatham Radio Sta-2 Baldwin radio head phones At Chatham 11:4 received back 11:16	W

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
356459	10-9	To Firms listed	Comments on design of apparatuses listed, W
		KC Co - Lists changes will make	on name plates. 10:21
		on name plates. 10:21	on name plates. 10:21
		on name plates. 10:21	on name plates. 10:21
356462	10-9	To Firms listed	Re necessity of fuses being supplied with
		International R.T.Co. 10/11	Standard Navy spark transmitters. W
		Wireless Improvement Co. 10:21	Standard Navy spark transmitters. W
		KC Co - 10:21	Standard Navy spark transmitters. W
		Wireless Improvement Co. 10:21	Standard Navy spark transmitters. W
356707	10-10	To Norf	Standard Navy spark transmitters. W
		Comments on above 11-5	Standard Navy spark transmitters. W
357170	SEE CARD	178	
357020	10-11	To West Elec Co	Fwds prints of gen 'l arrangement of amplifier and
			receivers, as rsted by Phone, W
357216	10-12	To Key West	Request form re inventory receipts and issues of
			radio telegraph material. W
			To Key West Oct. 12 Back 17th
357304	10-11	To Phila	Inform is rsts re renewals silicon W
			Phila fws inventory. 10:21
357308	10-14	To Marconi Wireless Co	Wicarta used in the constn of switch
			bd panels for standard Navy 2 kw spark transmitters

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
319920		See CARD 152	To Wash. Repts. that a sample H. Frequency buzzer be tested & re-art made of same. W To Wash. Re ts. sample High Frequency buzzer for test. 10/9
830 355380	10/7	To N.O.	Repts. information re Rad. Transmitting sets. W New London Oct. 10 wds change of material sheets
356522	10:8	Wireless Spec Co	Sub information of redelivery of transm sets which company can make. Wireless Improvement Co. Cal. 2. Request hold up on approval of awards until bid was submitted. W
356441	9:28	MI	Asks if bureau will furnish sets or if same shall be mfg at yard. W To SEA Re ts. shipment from Wash to MI Is- 2 Instrn radio buzzer traffic control sets 10-16 Shipment order received back 12:26
355995	10/8	To Wash.	Upon recd. of samples & prices reqtd. that a report be fwd. to SE setting forth recom- mendations. Washington-Submits report of test of insul. sub by Genl Insul Co. Cords to 911 1:15
356462	10:18	Marconi Co	Lists fuses being used for on contracts. W

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
356008	10/8	To Boston	Testing facilities at Boston not sufficient to meet demand.
324756	~~10/4~~	See CARD 155	To NY. Gives instruct. re changing finish of parts. 10/9
355636	10/9	To 3rd. Dist.	Fwds. copy of report on British arc.
✓ 356460	10/9	To Western Elec. Co.	Reqs. to proceed with construct. of model & test of same.
✓ 356483	10/9	To Com.N.Atl.AVI Sta.	Reqs. arrangement be made to have Mr. Beals accompany representative of SE during inspection of British arc transmitter. LEVI. THAN.
✓ 357898	10/4	Buffalo Forge Co.	Fwds invoice cover in past due account requesting payment W
6 357008	10-10	To S&A	Reqs shipment radio apparatus Wash to Base #7 W Boston Oct. 10 To East- S&A alloted satisfactory 10-30 To S&A Reqs cancellation of above 1-3

RECEIVING & SENDING)

Number.	Date.	From or To—	Subject.
355507	9:28 10:4	Dept Com	Infor as to latest British arc set W Fwd Col. 10-15
355616	9:25	MI	Sub sug in designing standard 1/2 kw panel transmitter set
355615	9:24	MI	Receiver mfg by National Elec Sup Co. sub. report in diff of operation of and rec same be improved. W Fwd Wash. 10-10
355495	10:3	American Gas Accumulating	Aga radio receiver and latest improv detector. company's rep directed to report to Washington Yrd in con with W Fwd. Wash. 10/9 American Gas Accumulating Co 6:2 To S&A- Rqst name of American Gas Accumulator Co be added to mailing list- 6/17

RECEIVING AND SENDING:

Number.	Date.	From or To--	Subject.
355497	9:27 10:4	Elliott Bldg Co Com	Reg work in con with proposed radio sta near Monroe N C
355443	10/4	To Wash.	Re t. that rec'd. re tested report made to E.
355460	10/4	To NY	No t. con. of d. sh. l. b. f. d. New York Oct/15 rwd corrected sheets
355495	10:2	American Gas Accumul Co	Test of AGA radio receiver, company rep directed to report to Wash. in con with. W Marconi Co. Oct. 17 To American Gas Accum Co- rwd cy of rept 5-21
356275	11-15	To O Gander o/o Delta Chemical Co	re suggestion for eliminating the spark gap in radio transmitter, comments on report from M. W
356168	10:4	Sperry Co	Conf tel conversation relative to req authority to purchase vacuum tubes from West Elec Co. W back 11:14 To Western Elec Co - authority granted 10-16
356158	10:3	War Dept	Reg Lt Conway be instructed to furnish three receiving sets to Alaska Military & Cable Tel System. W to Alaska- shipmt from Wash to Seattle 3 short wave receivers 10-11

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.
✓ 354452	9p30	Clark Eastham Co	Fwd sample of buzzers showing changes and imp. covent. ^W To Wash. Re ts. th t buzzers be tested & report fwd. 10/9 ^{received back 11:10}
✓ 354034	9:14	European Forces	Reports fwd of syntonizer W
✓ 354190	10/2	To G.B. Incide	Re ts. to com. direct. with E. stating in detail nature of experiments.
353769	10/2	To GE Co.	Asks to be informed o estimated size & weight of dynamotor. To—States specfns covg dynamotor- 2/15 GE Co-Work started. W 2:19
354113	10/2	To NY	add. items o be included in shipt. of rel. t an letters overseas.
354283	9:29	G H Clark ✓	Report on test of British arc on Achilles.

RECEIVING & SENDING:

Number.	Date.	From or To—	Subject.
✓ 354892	10:1	West Elec Co	Wireless receiving valve obtained from British, report fwd by express. W
355182	10:2	Phila	Radio 5 kw spark gap, fwds prints. W
355175	10:2	Phila	10 kw rotary spark gaps fwd. W
✓ 354147	10-3	To Marconi Wireless Co	Best two instruction books by Gnd Station # Marconi Co/ Oct. 11 to inspection book fwd Chatham Oct. 5
✓ 354583	10/4	To Sec. Navy.	Re add. equip. t. recd. of interfloat transmitt- ing sets for use on little ships. W
To sent. Oct. 15		Relative to additional	To---- in re above 10-15
internal trans. sets required for use on			
Latilleur N.E. Oct. 17 approved			
10/4		To R.C.	3 ts. corrected copies b. f. l. W. New Orleans 10/10 fwds corrected forms

RECEIVING & SENDING:

Number.	Date.	From or To--	Subject.
352098	9:19 9:24	Postal Censorship Com. Com	Package intercepted, C R Mercado, Mex City to Stockholm in connection with patent covering detector for wireless tel to Sociedad Svenska and fwd copy patent, asks if shall be allowed to proceed. Fwds Communications 12/19. Fwd. Director Nav. Commun. 2/5
352190	9:23	War Dept.	Fwds letter from Hon A T Bullered and letter from C E Upton rel to T B Kinkaid who desires to obtain from Gov rec apparatus for Gov work. To E C Upton, Boston, comments on above 11-8 Repts with authority
352368	9:24	American R R Corp	Fwds spec covering simplified kw transn with quotation cov.
351388	9/25	To Wireless I. Co.	Asks probable date of del. 9/25
351908	9/25	To Wash.	Encl. copy of report on audion type as a Dynatron. W
351912	9/25	To Boston	Repts. samples of protective devices for test. W
To Boston re protective devices 11-14 To Phila re same inform 11-14 To Boston, Fwds copy letter, 11-26 To Boston. Repts that 10 protective devices			11-14 To Phila. re test of above. 9/25 To Phila. Asks when report of above will be fwded 10-26 Reproductive devices 12/7

Number.	Date.	From or To—	Subject.	
352571	9/23	War Dept	Reqt ten copies of specifications and drawings covering receiving sets W	918
351832	9-25	NY	Sub report of reduced efficiency of Marconi receiver received from Clare. W To Mr. Re alterations to Marconi type receivers 10-1	
340490	9-26	To 3d Dist	Re difficulty experienced with type 351000 amplifier, due to wax of amplifier W	
352631	9-28	To SEA	Reqt shipment radio apparatus Wash to Phila W	
352638	9-28	To SEA	Reqt shipment radio apparatus Wash to 3d Dist	
354034	9:14	European Forces	Shipment made 14th W	
329254	10/11	Phila. (From 169)	Fwds list material on hand Phila - 4:7	
To Phila - fws copies of inspec book 3-21				
To Phila reqt fwd starters for use ship 3-21				
To Phil fws info re test of type 3531 3-21				

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
✓ 49651	2/18	To American Overready Mfg.	Ask explanation of batteries. W American Overready Works. 8:31 10-10-18 10-10-18
49355	2/19	To Marconi	Reqs. 2 only. Copy of 2 blueprint copies Copley Mfg. Co- Ends prints. 9:26
350025	2/19	To NY (2)	Rd. hand tals. improved from Wash. 10th. W
✓ 350505	2/18	Charlest Cander	Substitute for spark gap, req. permission to sub plans. To NY R. L. to submit report on T. 3. 10-10-18 To NY R. L. to submit report on T. 3. 10-10-18 To NY R. L. to submit report on T. 3. 10-10-18
✓ 350772	9:19	Manhattan Elec Sup Co	Lists various int. 1st and and req bureau's assistance in present covering. W To - Comments on Radio Sup. 9-28 Rd. Cruiser and Transport. Force 9-28 Manhattan Elec Co- Rec action.
350733	9:19	E J Simon	Photo showing status of 1 kw transm with report on. W
350733	2/20	To NY	Author. to comm. int. list of various tubes To S&A Repts. shipt. of radio apparatus from Wash. to NY for stock. 9/24

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
✓ 351063	9:20	Glas Copy 5166	Req Alexanderson radio receiver shipped to Colonel Berre at once. W Com- Req shipment be expedited. 9:30 To Comm. Re Alexanderson rad. barrage rec. set for France 10/9 Communications Oct. 14
✓ 351212	9:19	American RR Corp	Copy of letter to special Frd W L in con with reasons why tel. at status had not been used in quantity. W
✓ 351207	9:19	Wireless Improvement Co	Fads copy of agreement to be frd Sperry Co in connection with assembly on 50 receivers.
351312	9:15	MI	Synchronous rotary gap. Fads special report on. W
✓ 351110 To NY re change in dimensions of gaskets CARD 200	9:21 11:20	London Radio Co. New York - 1:15	Recommendation for inside of gasket for 1/2 unit be 1/32 inch. 11-19 To NY Repts. advise on change in design. 10/8 To NY- Ask what action taken or 1st of 10/8-29 To NY first investigation of above 11-18

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
✓ 343673	9:10	Radio Test Shop Wash	Submits copy of report covering test of in. non.
✓ 343936	9:10	Moorehead Lab	See information in connection with test tubes sub-jan-2nd arch 1st. W To-- It is possible to submit report of work on vacuum tubes. 12/20
✓ 348976	9:14	S W Dawson	Spark gap plates in wireless apparatus at NY. rad report of operation To-- Applying to above. 9/18
348995 Fwd Wash	10/16	To Phila.	Re sample British Type 9 Radio Transmitter. W To Wash. re: that all apparatus re above be shipped Phila. 9/16
✓ 349212	None	J Firth	To S&A Repts. shipt. of rad. apparatus from Wash. to Phila. for Laboratory. 9/26 To Phila. re radio trans. itter. 9-28 Relative to East Elec Co supplying him with bulbs for experimental work. W
✓ 349206	9:14	Industrial Control Co	Radio tel store equip. Aids specifications. W

RECEIVING & SENDING.

Number.	Date.	From or To--	Subject.
349843	8:29 9:14	Rec Ship Norfolk Com	Req receiver for instruc of arm guards radio men. To Wash. 10/3. Encl. copy of ltr. 9/15 giving information restd. 9/17 Shipment Order 1:21 RB 2:12
349431	9:5	MI	Use Navy D audion tube as a dynatron, fnds report
307110		See CARD 137	To Wash. Encl. copy of ltr. 9/9 giving inform tion restd. 9/17
349517	9:16	Dr L W Austin	New method of using detector for radio vacuum tubes fnds report on. W
349807	9:17	West Elec Co	Test specification, fnds copy together with comments on. CW 931 tubes W Fwd. Wash. 10/9 back 11:9 To--Returns testing specims 11-16
349782	9:16	WL Sub Base	Req complet instrc for use of each individual type of audion bulb W To WL Sub Base. Re difficulty in operation of tubes. 9/24 Re rmd. Wash. 10/3 Washington - 10:3
348752	9/18	To To Comm. & Int. Agts. Boston, Oct. 8 Comments on type CR 1126 W to be given International R T Co apparatus. 10:28	Re rmd. Wash. 10/3 Washington - 10:3

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
346918	9/12	To Wash.	Encl. copy of ever. characteristics of 3 types of vacuum tubes. W
347692	9:4	MI	Fwds report on one-quarter kw transm.
347654	9:11	West Elec Co	Reports trouble in obtaining resistance wire for rheostats. To— re amendment of specfns. 11-8
347017	9/12	To Marconi.	Re Protective devices for Lmer. Transmitters. 7 To Marconi. (1) Use of protective devices on emer. rad. transmitters not advised. 7/12
346826	9/12	To Wireless I. Co.	Encl. instruct. for inspect. & cal. of rec'rs. W
347575	9/12	To GE Co. (T)	Authorizes sending vacuum tubes to NL by sp. messenger. W
345295	9/12	To Wireless Specialty Apparatus Co.	Records of 15 failures due to inefficient protective devices W
	Oct. 18	Requests approval of set of additional protective devices	To Wireless S & Co Comments on report recd 9-28
		To Wireless Spec App Co- RE additional devices	Wireless Spec Apparatus Co-Will fwd prints W 9:30
		To Wireless Spec App Co- RE additional devices	To Wireless Spec App Co- RE additional devices
		To Bost. Authorized test of above	app- 1/4 KW emergency sets 10/14
		app- from Wireless Spec App Co 10-23	Bos-fwds rep test 10:30

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
✓ 343300	9:7	West Elec Co	Vacuum tube sockets, fws plans. W To—Tracings have been modified in accord. with van dyke copies fwd. 9/25
312136 ; C 160	Boston Oct. Nov. 10	See CARD 165 17 Sample key for test To Bost. Asks that sample key for 10 KW sets be fwded 10-25 to Bost. (1) Expedite test and draw- ing of 10 KW radio relay key 10-25	To Mass. Asks status of experimental 10 KW hand & relay key. 9/13 to Fwd same to NY, for test. 9/13 To NY. Key ord. for test from Boston. 9/13 Boston - 9:20 To Boston. re hand and relay key. 10-1 To NY. re same information. 10-1 Boston - 10:28 Fws switches. Boston-Sub rep 11:21
✓ 347800	9/3	To Western Elec. Co.	Method of testing Audion Control box & satifs. W
347842	9/13	To SAA	Re. is. shipt. of radio apparatus from Wash. to Hqs. for vessels. W
348426	9:10	War Dept	Fws report on use of radio frequency amplifier for new magnification W Fwd. Wash. 9/18
329254 SEE 171 743035	9:21 9:26 9/14	See CARD 165 Phila-Fws list of material on hand. Phila-Fws list Phila - 9:26 Phila-Fws list material on hand for Interfleet radio sta. to NY (1)	To Phila. Gives list of material for radio transmitters. 9/14 Phila-Report of inspectors sets on hand. 2 let- Phila-Fws list of material on hand. W 9:23 To Phila. Gives assignment of transmitters 9/23 Phila - 10:1 Phila - 10:4 Fws list of material on hand. W Fws 16 prints. 9/19
✓ 347654	9/14	To West. Elec. Co.	Investigating difficulties in use of microscope Weston Elec Co - 9:26

RECEIVING & SENDING:

1916

DISTRIBUTION

169 ✓

Number.	Date.	From or To—	Subject.
312713	8:28	Wireless Imp Co To Wireless Imp Co 12-26 To— Are not desirable design for Naval Use 12-26 Wireless Improvement Co 1:2	Wds photos of new 2 1/2 kw rack type radio transmitter, comments on to— report on various parts of status, diff. for stand. 1/12 to— 1/12 To Wash- Rqts that 1 1/2 kw transmitter be returned Wds copy of report of test for sample short wave meter sub by Wireless Imp Co. W
312731	8:28	Washington	
343657	9:3	Sims 4038	Req samples of trans valves be fwd to London for British Sig School. W To S&A Repts. Shipt. of rad. apparatus from Wash. to Sims, London. W To S&A Repts. Shipt. of radio apparatus from Wash. to Sims for British Sig School. 9/16 Ltr to Sims 11:07
343695		See CARD 169	
343989	8:30	West Elec Co	Have discontinued mark type number on tubes, same are now being etched in accordance with sample being fwd. W To— Re etching of type # on vacuum tubes. 9/11
344067	8:23	M I	Emergency transmitter for destroyer test, indicate insuf protective devices furnished, req authority to use present stock to protect generator, transmitters. 9/13
343438	9/5	To Inst. of Rad. Engrs.	Have no further objection for publication of book. W Inst of Radio Engrs 9:7
344488	9/5	To Wash.	Fwd. report on test. W
344454	9/7	Fwd. Operations	re rad. transmitting set. W
344544	SEE CARD	175	

N.S.E. Form 134.

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.
345674	9/9	To GE Co.	Re report on 5 KW spark gap units. W G.E. Co. Oct. 12 Can furnish satisfactory electrodes To NY- lws above let- Asks investigation and report 10-17 To GE- Re ts that dups of above plates be fwded ~~to test~~ Dept for test 10-17 New York 11:14 GE Co- Request place order. 6:20
346066	9:4	West Elec Co	Asks copy of let to and from Experiment station NL relative to packing tubes. W
346097	1:30	NL Dist Base	Reports receipt of 10 special vibration proof detectors for radio tel W
346723	9:9	Wireless Improvement Co	Gives actual cost of one kw spark transmitter W
346167	9/10	To Phila	Gives ship instructions for receivers 919
318193	8/21	Fwd. Wash.	~~for~~ Fwd. for information & action. W
346827	9/11	To Westinghouse	Encl. instructions for inspect. & calib. of rec'rs. W
346912	9/11	To Westinghouse	States that the incorporation of condenser plates as shown on drawing should ~~be allowed~~ not be allowed to hold the production of re- ceivers. 9/11
346917	9/12	To Wash.	Encl. copy of GE SA 1574 comm. on use of alter- nating current for lighting and ion filaments. W received back 9:17

RECEIVING & SENDING

Number.	Date.	From or To	Subject.
✓ 344546	9:3	West Elec Co	Sub report on conditions, stock order for radio transmitters. W
4 344545	None	Chatham TEL	Baldwin phone shipped on bill of lading 7:3 and Chatham 11-4
✓ 344554	8:30	Dept	Offer one kw radio aut made Clapp. Westrup Company for sale. J
345161	8:28	Key West	One C N receiver being shipped to Washington
✓ 345384	9:4	E J <u>Siman</u> Co	Fwds list of rec spare parts for 1/2 and 1 kw transmitters. W
✓ 345333	8:27	M I	Fwds special report on audion light with alternating current. W

RECEIVING AND SENDING.

Number.	Date.	From or To—	Subject.
344843	8:23 9:4	Rec Ship Norfolk Com	Req receiver for instruc of arm guard radio men W. Rnd. Comm. 5/12
345500	9/7	To Western Elec. Co.	Have no objections to sale of tubes to Airth. W
290782		See CARD 127	To Dubilier C. Co., 4 Given results of tests Dubilier Cond Co-Reqst auth to submit, bill. 7:28 To Dubl Cond Co-Cond will be shipped at once, 8:28
343345	11:14	Phila	Snds report of test of special dubilier condenser.

4- 3381

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.	
10031		See CARD 158	1 Phila. P. Co. Instruction book to	
To Phila. Gives list of assignment of	9/12		Report of material on hand 7 & 9.	See CARD 158
Phil. list material be fwd. W 9:14			interfile sets.	
Phil. 9:26 Phila. Oct. 19 This list of			Liberty Elec Corp-9:3	
Phil. Oct. 15 Fwd list			Phil. Sub list of material on hand for radio sets. W	
5-007		To Wash.	1:20 Weston Elec Instrum Co 4:5	
10038	1/19	To Wireless E. A. Co.		
10038	7/29	To Wash.	Tests. to be done tests: W	
10038	8/22	To Wash.	To (P) Test crystal detectors under severe vibration on Sub chasers. 6/30	
10038	1/19	To Wash. Co. (1)	To Wash. Re shipment of tubes to KL. 8/31	
10038	8/30	To Wash.	To Wash. Gives instructions for tests. 6/30	
10038	8/30	To Wash.	To NY. Fwd. booklet re spark transmitters. 8/30	
10038	8/30	To Wash.	To Phila. Gives instruct. for tests. 9/6	
10038	8/30	To Wash.	Fwd. vandykes. W	
10038	8/30	To Wash.	Phil. 9:25	
342748	9:16	Wireless Improvement Co	States their rep Mr. Berith will arrive in Wash to assist in test 2 1/2 kw arc converter. Fwd Wash 10-15	

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.
329254	Phil 3-22	SEE CARD 165 Submits list of material on hand.	Phila. Oct. 17 Fwds list of materials Phila. Oct. 21 Fwds list of material Phila. 10-25 Fwds list of material To Phila. Reqs that future reports indicating material on hand for type SE 3531 radio transmitters include a list of vessels to which sets are shipped 10-29
	Phila- 3:26	Report of material on hand 1:29	Phila- Fwds list 10-31 Phila- Fwds list 11:2 Phila- Fwds list 11:55
	To Weston Elec Ins Co Del 4-4	Phil del via 4:12	Phila- Dec. 10 - Fwds list 22nd
	Phila- Submits report 3:25		Phila- Submits list. 1:6
	To Phila- comments reserved until reported reviewed in detail 5-8		~~New York - 1:13~~ Phila- Fwds material report 1:13 Phila- Submits list 1:20 / Phila- Fwds list 1:27 Phila - 2-3 National Elec Sup Co-Material shipped Phila 1:20 W
			To Natl Elec Supply Co Rqst info concerning progress of work 2-8 To Inspr Boston-Rqst expedite delvy 15 type SE 3544 motor generators, etc. 2-8 To Inspr Milwaukee-Rqst expedite delvy of 10 110 volt hand-starters, etc. 2-8 To Comdt Phila-Rqst expedite delvy of matrl 1-2-8 To Inspr Brook-Rqst prompt delvy of Horse Keys ordered from Adams-Morgan Co. 2-8 To Inspr Brook-Rqst expedite delvy of parts for Intra-fleet lny transmitter. 2-8 To Cdt Phila- Rqst future production reports of type SE-3531 transmitters be modified- 2/19
			2:6 Insprr Brook-Sub report on delivery of parts Phila- Fwds report of material on hand for 126 Inter Fleet radio sets. W 2:24 Phila 3/1 Insprr Brook-Will commence assembly as soon as material is received. 3:11 To Insprr Brooklyn- satis del not made re blowers Weston Co, asks steps be taken expd 3-27 To Insprr Boston- asks expedite shipment gen HC Co- 3-27 To Insprr Boston 4-1 4-4

RECEIVING & SENDING.

Number.	Date.	From or To—	Subject.
✓ 339797	8:19	✓ Western Elec Co	Sub infor re strike at Libby Glass Works Toledo, O. holding up work at Western Elec Co. Request Bureau take action. W
✓ 340072	8:21	SIMS Copy 314	Dec destroyer and aircraft amplifier be mounted vehicle. W
339832	8:19	Boston	Conf tel conv asking which two auxiliaries are mostly needed for yard.
✓ 340495	8:22	West Elec Co	Sub infor in connection with proposed test for audion control boxes.
✓ 340535	8:12	NY	Suggest in type CM 113 A radio receiver mfg by National Elec Supply Co. F.d.Wash. 6/28
✓ 340692	8:24	Anthony Machine & Elec	24 ninety-eight units of 1/2 kw selfcooling gaps in stock, asks if can use. W

RECEIVING & SENDING.

Number.	Date.	From or To--	Subject.
✓ 340648	8:21	Century Tel Cons Co.	Reqst prints which will be furnished Wireless Spec Co W
✓ 341240	8:23	Marconi Co	Sub infor in con with redesign of short wave receiver. W To -----Reqts. vandykes of receiver. 8/30
341016	8:25	To 3410 (7 letters)	Reqst shipment of radio apparatus from Washington to and for radio stations. W
	Received back 2:10		To S&A same as above. (2 letters) 8/27.
	To 11- material ship 11-9-18 6-18		Shipment order 10:30
	To FSB status of shi req 8/5		Shift order August 26 RB 1-2-19
✓ RE 1/17	RB 8:19	To 15th Dist-Fwd 8:23	Ship Order received back 1:10
341335	swd NY 9/30/19	RB Copy 10:9	disposition of. W
	8:22	Norfolk	Norfolk- Report receipt of micrometer detector. W
✓ 341436	8:17	Sig Corps	Acknowledges receipt of frequency amplifier W
✓ 342217	8:16	Mar Island	Exds prints giving report of test on Derorester receiver. W



RECEIVED & SENDING:

Number.	Date.	From or To—	Subject.
✓ 337532	8/13	Washington Yrd	Receiv hull transmitter developed at R. S. of Bureau, and report of test. To Marconi Repts. list of production costs. 8/31
✓ 337533	8/13	G. L. Martin Co	E. J. Callough has sub-transmitter, test to be advised. 1st test in ship. 1st test to be made. 1st test to be made. 1st test to be made.
✓ 337534	8/13	See 337533	To R. S. of Bureau. 1st test in ship. 1st test to be made. 1st test to be made. 1st test to be made.
✓ 337535	7/15	To William B. Co.	To R. S. of Bureau. 1st test in ship. 1st test to be made. 1st test to be made. 1st test to be made.
✓ 337536	8/14	GE Co	Report: ship in 20 200-watt transmitter. expect to reach C. R. 1st test in ship. 1st test to be made. 1st test to be made.
✓ 337537	8/16	E. J. Simon	Photographs of test of 200-watt transmitter. 1st test in ship. 1st test to be made. 1st test to be made.
332659	7/31	Cruiser Force	Rec all vessels of cruiser and transport force be eqpt with transmitter operated by storage battery 882-1

RECEIVING & SENDING

Number.	Date.	From or To—	Subject.	
✓ 339655	8/8	Marine Island	Swedish Radio reports on to the end line of 1 NW KAC	
✓ 339651	8/11	T B Bennett (T)	Lille Elmas Co. advised of order for strike at plant; will collect 1000 lbs. of material within 10 days. End. Sochav. 8/11	
339651	8/22	To GE Co. (T)	Repts. representative visit SR. W	
341233	8/19	USS L-7	Reports on unsatisfactory radio install recent no more Milbourne & Clark radio transmitters b- n installed on submarines W	
339659		CARD 158	In 8/17 to NY. Repts. that a tabulated import be prepared as outlined. 9/12	545-6
338104	8/17	To GE Co. T	Rush dols watt tubor for Marconi	918
339656	8/11	Ed Dist	Submits report from station at 4000 ft. on 11 at of 1000 ft. to 2000 ft. 1000 ft. 1000 ft. 1000 ft. Pd. Wash. 8/23 received back 8:17	
339651	8/12	Marine Island	Sub report of test of USA CO emergency trans- mission to Mr. Loss S.A. Co. Calls attention to defects of transmitters. 9/9	
340096	8/24	To H. H. Haggert	advises re purchase of long wave receivers	896

RECEIVING AND SENDING.

1 1 3

162

Number.	Date.	From or To—	Subject.
✓ 335559	8/7	Federal Tele. Co	Encl. copy of letter from author with request for diagram of radio transmitter. W
			To Boston. Fwds. blueprint. 8/30
✓ 335356	11-23	To Splitdorf Elec. Co.,	Approves instruments similar to sample submitted. W
			Splitdorf Elec Co - 11:25
✓ 335318	8:7	International R T Co	Copy of letter from Marconi Co stating have secured manual 1 k w panel transmitter.
✓ 335313	8:7	Washington	Specification for vacuum tube as issued by Sig Corps. Fwds prints and copy of. W
✓ 335287	8:7	International R T Co	Diagram of radio transmitter, request interpretation of specification W
			International R T Co 8/15
			To — Give instructions on spark transmitters. 8/19
✓ 335291	8:7	Washington	Submits report of test Mignon long wave receiver. W
			To — 8/19
✓ 335699	8:5	International R T Co	Request that sample of 1 k w panel transmitter be fwd for inspection.
337362	8/13	AtI Sub	Unsatisfactory receivers, request same be replaced 907
339913	8/20	F R	Sub report conditions re charging small batt of main radio receiving sets W 79-6-6

Number.	Date.	From or To—	Subject.
✓ 33/159	8:2 3:2	G H Clark CO. 1111.	Re design of detector for standard radio receiver, submit report of.
✓ 33/160		CO. 1111.	
✓ 33/161		CO. 1111.	
✓ 33/162		CO. 1111.	
✓ 33/163		CO. 1111.	
✓ 33/164		CO. 1111.	
✓ 33/165		CO. 1111.	
✓ 33/166		CO. 1111.	
✓ 33/167		CO. 1111.	
✓ 33/168		CO. 1111.	
✓ 33/169		CO. 1111.	
✓ 33/170		CO. 1111.	
✓ 33/171		CO. 1111.	
✓ 33/172		CO. 1111.	
✓ 33/173		CO. 1111.	
✓ 33/174		CO. 1111.	
✓ 33/175		CO. 1111.	
✓ 33/176		CO. 1111.	
✓ 33/177		CO. 1111.	
✓ 33/178		CO. 1111.	
✓ 33/179		CO. 1111.	
✓ 33/180		CO. 1111.	
✓ 33/181		CO. 1111.	
✓ 33/182		CO. 1111.	
✓ 33/183		CO. 1111.	
✓ 33/184		CO. 1111.	
✓ 33/185		CO. 1111.	
✓ 33/186		CO. 1111.	
✓ 33/187		CO. 1111.	
✓ 33/188		CO. 1111.	
✓ 33/189		CO. 1111.	
✓ 33/190		CO. 1111.	
✓ 33/191		CO. 1111.	
✓ 33/192		CO. 1111.	
✓ 33/193		CO. 1111.	
✓ 33/194		CO. 1111.	
✓ 33/195		CO. 1111.	
✓ 33/196		CO. 1111.	
✓ 33/197		CO. 1111.	
✓ 33/198		CO. 1111.	
✓ 33/199		CO. 1111.	
✓ 33/200		CO. 1111.	

REPLYING & SENDING.

Number.	Date.	From or To—	Subject.	
33474 O	8:6	Washington	Reqt 4 amplifiers 8 battery audion bulbs be furnished to radio station. W.	
333859.	8:4	Boston	50 antenna condensers will be received To Boston, comments on condensers reqd 11-13 To Comdis, re series antenna condenser to be used with quenched spark transmitters. 11-15	
334995	8:6	Radio Test Shop Washington	Finds vandykes of twostep amplifiers. W	
55015	7/29	To Boston	Auth removal of com betw spark cap rod & 1st quenched cap plates 5-KV wire glass specialty transmitter & asks for report	629
Wash 481	8/5	Wash Yd	Comments on faults noted by Mare Is on type SE-392 wave meter	629
33471	8/7	To Boston	Auth to remove cap. of 1st stage.	
33477	8/7	To Boston (C)	Auth to remove cap. of 1st stage.	
33477	8/7	To Boston	Auth to remove cap. of 1st stage.	
			To Phila, 1st admo. 100, sent or above 9-25	

RECEIVING & SENDING SETS

Number.	Date.	From or To—	Subject.
✓ 327618	7/31	To Dubilier Cond. Co.	If have full descript. of apparatus were used without E's approval.
334576	9:16	Norfolk	Fds Vanduyke, report of test of wireless specialty micrometers adjustment cylicon detector. W
✓ 332614	7:30	West Elec Co	Fds copy of Prof. Goldsmiths letter to West Elec Co ordering vacuum tubes for radio laboratory work, request bureau's assistance.
332285	7:31	Naval Com	Fds tel from North America & West India Fleet relative to supply of type 16 W/T sets to Navy Dept for experimental purposes. W To V. Adm. Comd. For tel. copies of 4 circs. 8/1/22. 1/22
✓ 332722	7:29 7:31	E J Simon Bureau	Request details and information relative to award to the Bell Tel Co of \$50 2 1/2 kw arc transmitters. W Ad. 2/22
334576	7/29	W. J. R.	Requesting description of receiving apparatus for radio ships
334576	7/1	Co. H. T. L. Co.	In the report of the Commission on the National Land Co - Tel: Can see no reasons why Dickinson coils cannot be used with eq. ip. will be put in fixed operation if ship. ad. 7/1
337300	7/1	To Re ton Insur. Prk 7:1	For sample of hand held radio set To NY. Re ts that inspect. be completed. 7/22

N.S.E. Form 134.

RECEIVING & SHIPPING SETS.

Number.	Date.	From or To—	Subject.
✓ 333209	7/1	To L. S. Co.	Rents. report on hand & relay key. W
		Boston - Keys	Townstein Radio Co - Fads prints 8:5
✓ 333209	7/1	To Mitchell R. Co.	not rec at yard 8:15
			... of suitable ... used in
✓ 333209	7:29	Council of National Def.	... to be held 8:1 in connection with development of shore range radio, request assign officers to attend. W
✓ 333167	8:1	F E Gilbert	asks if orders have been placed with any wireless company for radio sets. W
✓ 331018	7:31	Ward Leonard Co.	Old Number
330378	8:1	Atl Sub	Old Number
✓ 330099	8/3	To Clev. Ship Bldg. Co.	Fads. drawing. 8/5

Number.	Date.	From or To	Subject.
330324	7/16	To S&A	Re rs. Bill. of r. a. rec'g. sets from Wash. to Major Dist. Eng. Co. norm. 11-2/21
330318	7/16	To W.H.R.	To ~~first~~ return of ret. t. norm. 11-2/21 RB 3:30 Re Bill. of r. a. rec'g. sets from Wash. to "Electrotechnic".
330338	7/17	To Air Force Co.	Re t. coil b'd. at once to be passed upon.
330320	7/26	West Elec Co	Finds samples of markings used for vacuum tubes. "
330320	7/26	West Elec Co	Re Bill. of r. a. rec'g. sets from Wash. to Major Dist. Eng. Co. norm. 11-2/21 To ~~first~~ return of ret. t. norm. 11-2/21 RB 3:30 Re Bill. of r. a. rec'g. sets from Wash. to "Electrotechnic".
330327	7/22	West Elec Co	Re Bill. of r. a. rec'g. sets from Wash. to Major Dist. Eng. Co. norm. 11-2/21 To ~~first~~ return of ret. t. norm. 11-2/21 RB 3:30 Re Bill. of r. a. rec'g. sets from Wash. to "Electrotechnic".
330347	7/29	To West Elec Co.	States that re rts. of specific t. for coil may be changed. "
330327	7/29	To Insp. Chicago	Asks information re knockouts on boxes. EN
330328	7/29	To Com. Force. Atl.	Re rts. to confirm decision arrived at in conference in re to not equipping Eng. Co. with "L" class with amplifiers. "

RECREATING & CAMPING SITES

Number.	Date.	From or To—	Subject.
✓ 330386	7/19	To GE Co.	Asks to ship sample of tube CC916 10. or tube for French High Com. W Call Co - 8/16 (2) - must copy 11/11/45 To - Radio copy of ltr. of 7/29. 8/12 GE Co - 8:30
✓ 331413	7:27	New York	Sub report of test of high frequency sub. by Monk Sup Co., recommends acceptance. W
331727	7/27	atl sub	last 10 radio applications. Is should be 11 list 137
✓ 331592	7:27	Boston	Conf tel conversation relative to set for destroyers. W
✓ 331018	7/30	To Ward Leonard Co.	Re to. prices on d. l. s. 50 2 ohm, a. c. fixed resistances. W
✓ 331019 7/31	7/30	To DeForest R.T. & Co. States that material satisf.	Calls attent. to non compliance with instructions. DeForest Co - 8:1 DeForest Co - 8:1 Asks for and ion control boxes. W was van. k's showing diagram to panel transmitter. W DeForest Co - 8:30 W was van. k's prints showing connections to panel transmitter. W
✓ 332047	7:29	Marceni Co	
✓ 332211	7:30	Lowenstein Radio Co	Request return of high frequency arc loaned to bureau about two years ago. W To Lowenstein arcs will be returned 11-6
3308952	7/31	To S&A	Re to. ship. of radio apparatus from NY be cancelled. W Received back 8:25 Re to. ship. of radio apparatus from NY be cancelled. W Received back 8:25 Re to. ship. of radio apparatus from NY be cancelled. W Received back 8:25

Number	Date	From or To	Subject
329248	7/23	To H.Scott	State that 501 has been sent to fleet for test.W To--Comments re above transmitter 11-27 Metropolitan Life Insurance Co.-11/29; request early action, on test given transmitter. Instrns have been issued to have transmitter returned from USS PENNSYLVANIA and fwded to 601 West 179th St. NY city. 12/18
328617	7:20	Washington	Submits report of test made on audion bulbs with special ref to Moorehead tubes W. To-- Ask if can turn 4 more copies of report of test on audion bulbs. 7/24
328627	7:21	4th Dist	Reqst 12 old style Morton Vibroplex machines be fwd.W To Vibroplex Co. N.Y. to quote 12 old style Vibroplex machines. 7/24 To-- Replied that retail covering purchase be ordered & fwd. for approval 7/20
32884	7:16	National Research Co	Crystal detector and their uses. report and discussion of on 7:16 and asks officers name who will attend. W
323724	7/24	To Boston also to Comp. I. J. S.	Amer. Everready dry battery #763 use for rad. Mk. 118. Approved. W New London Dist Base 8:7 Insr Pitts - 9:15. To ML. Encl. drawing. 9/14
329254	7/24	To Phila. Ph-Md list	Phila. Oct. 11 Fwd list make provision for assembly & test of trans- mitters. W
See C.A.D. S.L.O.S S.C.B.S	7/25	To Y To Phila. author.	Install of transmitters on vessels listed. 9/21 List is submitted in l.t. of 7/18 to Phila. author. W Phil- 9:15 Phila- Fwd list of material on hand - 9:14 & 16

RECEIVING & SHIPPING: 1913

Number.	Date.	From or To—	Subject.
328240	7:17	Signal Corps	Confirms delivery to L C Harle of sig corps vacuum tubes W
329860	7:16	Marine Island	Spare parts for 200 kw transmitters, rec same be shipped. W
329257	7/25	To Capt. A Wash	Not believed desirable that your Co. submit bid for the inf. of the apparatus to Military S. Co. Not con. r. r. d. to be submitted for the inf. transmitters. 7/25
329269	7/25	To Com. Boston	Ask report on mechanism of ~~apparatus~~ <u>New York - was sketch 8:8</u>
329270	7/25	To Nat. Elec. S. Co.	Oct. 15 was report of test Anchor, to see thing of whichever of mechanisms permits of quicker work. W
329275	7/25	To S&A	Re ts. Shipt. of radio rec'g sets from Wash. to NY for vacuums.
329916	7/25	To NY	Send, to find, my notes in response of ~~inf.~~ <u>inf.</u> ~~apparatus~~ <u>apparatus</u> in order that the time rectifier may be eliminated on all transmitters not in naval service. W
329919	7/25	To S&A	New York - Not report of Simpson transmitter. 8:22 Re ts. Shipt. of radio apparatus from Wash. for ~~inf.~~ <u>inf.</u> To Capt. Dist. To Capt. Dist. 7:25 received back 8:2 Apparatus shipped. 7/14

ROUTING & INDEXING

Number.	Date.	From or To—	Subject.
327538	7/19	To NY	Re: vandykes of drawings listed in list. New York - Fwd's vandykes 7:31
327539	7/19	To Phila.	Re: tel. to F.D. vandykes of drawings listed in list. Phila. Fwd's prints 7:31
327540	7/19	To Boston	Re: tel. to F.D. vandykes of drawings listed in list. Boston - Fwd's various drawings. 7:36
327546	7/19	To Western Elec. Co.	Will be satisfied with a 20 hr. tube. W
327903	7/19	To Sperry Gyro. Co.	Confirm tel. conversation re: C.L. of F.D. rec'd.
326654	7/19	To 9th. Dist. (T)	Ask if they have a soline on the 1000 available for it. Bureau. or a must be used. W
327101	7/22	To Sec	Re: list of 12. list of 12. Sec. to Re: list of 12. list of 12. Sec. to
327102	7/19	To Wash	Re: 12. list of 12. list of 12. Sec. to Re: 12. list of 12. list of 12. Sec. to
327870	7/17	At Sub	Com. - 12. list of 12. list of 12. Sec. to on 12. list of 12. list of 12. Sec. to

Number.	Date.	From or To.	Subject.
✓ 326921	7/22	To Com. of Patents	Call. ttent. to article re voltaic pile for use as a "D" battery. W Patent Office - 8:1
327504	7/22	To Com. HL	Gives tel. conversation re transmitting audion tubes. W
328484	7/22	To NY	Gives in detail difficulties experienced with transmitting. New York - Fwd's report of Dublier mica condenser for use as series antenna condenser. Cross to 322-1
328485	7/22	To Wash.	Rpts. 5 v advs. of Irving. W Washington 7:31
✓ 328728	7:20	Western E Co.	Filters, regst. that gov inspec be informed that removal will be accepted. W
✓ 329202	7:9	G E CO	Copy of letter to West Co. regst action in connection with modification to specification for vacuum tubes. W
✓ 329176	7:20	G E CO	Regst nameplates Nomenclature for trans- mitting sets. 10-11-12 Given name plates. 7/30
✓ 328977	7/23	To Cutler-Hammer Corp.	Recom. Modification to be made in starter. W Cutler Hammer Co - Recd authority for rep to visit Norfolk in connection with. 9:24

RECEIVING & SENDING LIST.

Number.	Date.	From or To—	Subject.
✓ 325119	7/15	To Marconi	Repts. report on state of completion of spark transmitters. W
✓ 324740	7/16	To Marconi	Repts. that spark b. dismantled. W Marconi Co 7:22
✓ 323847	7/16	To Ward Leonard E. Co.	Gives report of test of circuit breakers. W Ward Leonard Co 7:22 To Carter Elec. Co. Station that coils may be manufactured 7/19
✓ 325854	7/16	To Buffalo Forge Co. To N.Y. Co. that want. of spark b. b. b. be proceeded with inced. 7/14	Repts. that stops be taken to insure del. elec. 7:18 Re td. that B. b. informed s to add. cost of the above quote. 7/17 no--- if they are able to make read. del. on blowers. 7/25 CO ELBSCO 7:27
326912	7/17	To S&A .	Exp. Station from Wash. Co. ML New London Station 8:9
✓ 326919	7/17	To Nat. Elec. Co.	Re td. that blueprints be ret'd. 7/17 Fwd. prints of coupling board. 7:19
✓ 326920	7/17	To Lowenstein	Re td. that drawings be fwd. to S&A. W Returns vandykes. 7:19
✓ 327149	7/17	To Firms Marconi Company 7:24	Gives instruct. re repts. by sub-contra. for electric. W Wireless Improvement Co 7:20
327165	7/17	To Boston (T)	Re td. that T. Co. 7:22 At hor. purchased 50 relays. W

RECEIVING AND SENDING SETS:

Number.	Date.	From or To.	Subject.
✓ 326908	7:16	G H Cloke Co.	Changes in cushion circuit for spark transmitting, submits prints with report on. W
327621	3:5	National Lead Co	Asks if shall place Dickinson molds in action at once.
327606	7:16	F E Company	Asks if have any objection to supplying French connection with information relative to pistons. To --- Ltd. to Eng. Com. for action. 7/27 P.d. H.V. Com. 7/27
✓ 327495	—	Manhattan Elec Sup Co	Report of test. regstd. W To --- Buzzer undergoing test at present time. 7/22
327735	7:16	New York	Radio drawings self cool quench spark gap. New York 8:8 kw quench unit
✓ 326149	7:16	Wireless Spec. Co.	1/2 kw spark gap drawings, sub report on production and changes made in order to overcome diff. New York 8:8
✓ 326476	7/9	To Condit E.M. Co.	Letter of 7/9 re circuit breakers for test.

RECEIVING & SENDING: 1935

Number.	Date.	From or To—	Subject.
321445	7:9	Fed Tel Co. CARD 141	Status of mfg of arc converters. W Fed Tel Co. - Reqt instructions covering shipment of arc converter for Arlington Sta. fwd's prints. " " To Reqt. shift. be mtd. by express. 2/
321497	7:5	War Department	100 k w radio transmitters on Sig. Corps order, reqt be completed as soon as possible. "
324011	6:29	Boston	Confirms telephone conversation in connection with delivery of 1/1 k w radio set transmitter set from Wireless Specialty Co. "
32364	7/3	Ind. A	Submits reports of defective trans. transmitter delvd by Marconi Co 629
316006 equipment 3-26	7/11	To Phila.	Reqt. that upon compl. of tests, a report be sent B. "
324742	7/11	To Electrosec Mfg. Co.	Reqt. that a set of test on circuit breakers be sent to Condit Elec and Mfg Co - approval of will be list d as approved mfg of type of Reqt. effort be made to btl. shifts. of material so that a shift. will contain equal of e. kind of spoke. "
324755	7/11	To Ind. Contr. Coe. Walker Bros & Co. - fwd's prints, 7:20	Requis. being prepared for hand starters with spares. W Industrial Control Co. - Reqt sheet showing specification.
101		Walker Bros & Co. - of asbestos panels. 7-16	are having dif in securing prompt deliv. to 7-16 ps - 2.

RECEIVING & LEADING INFO.

Number.	Date.	From or To—	Subject.
324756	7/11	To NY NY Swds. drawings. W 9:10 To Lowenstein. 7/12 They believe that silv. p. 110 Swds. Lowenstein Radio Co - 9:17 New York - 10:1	Repts. blueprint copies & vandyke copies with completed charges. W To NY Repts. on change of drawing. 7/12 New York 7:32 To NY. Re corrections in drawing. 7/24 To NY. New York 7:27 cont. in 7/22. NY - Swds vandykes. 7/3/15 Test conducted on current wireless transmitter, reast information in connection with. W To CO Repts. a report covering tests. 7/15 Washington - Submits report of test of trans mitters. W Submits report of exchange of auction controll box. L
325384	7:5	Met Life Ins Co.	
326194	7:12	Atl Sub	
292462	7/12	To Roller-Smith Co. to Sperry Gyroscope Co. 7/12 to Rad. Laboratory, NY. 8/2	Reqt. to advise price & best del. dates for ammeters. W To NY Re Radio Frequency Ammeter for Sperry Gyroscope Transmitters. 7/12 to Sperry Gyroscope Co. Repts. that they proceed with manf. of switches. 7/12 Sperry Company. Reqt shipping instructions. W Roller Smith Co - Quotes prices. W 7:18 Ask. reet. of let. of 6/27 re speeding up production of moulds. W
319436	7/12	To Jackson Madell Mfg. Co.	
324759	7/12	To Nat. Elec. S. Co.	Re ts. to submit bids manf. of coupling bo. 113. W National Elec Supply Co. - Submits report 7:13
324761	7/12	To Lowenstein. Lowenstein Radio Co. - Will com- plate by 9:13 W	Reqt. to proceed with manf. of park gns. W To - 7/12 7/21

RECEIVING & SENDING.

Number.	Date.	From or To—	Subject.
322320	6;19	Mare Island	Inspection report of various tubes, fwd. W
322377	7-5	To TUSA	11:22 AM. Report of Robert E. Scott To Mare Is. Quotes comment from Rich. in ref. to Mare Is. reprot. covering the action of vacuum valves ~~how~~ in the service. 7/25
322473	7-5	To NY- (T)	Re: use of batteries from Amer. Over to 1st Lt. Scott
323806	7;3	Signal Corps	Request Major Culon be granted permission to amplifier. W
322471	7/5	To Sperry Gyroscope Co.	Confirms tel. conversation of 7/3 re del. of rad. receivers. W ~~Schedule of shipment not received. 7:10~~ To— Gives date of del. of rad. recs. 7/17 Sperry Co. 7:25 Status of shipment of radio compass.
322472	7/5	To Sperry Gyroscope Co.	Confirms tel. conversat. of 6/28 re del. of rad. rec's. W
322599	7/6	To NY	Gives instruct. for completing drawings. W NY - Fwds prints 8:26 W
323087	7/5	To NY	Asks if spark gap wrench drawing may be used for g-p units. W H. Y. - Fwds vandykes 7:16

698 RECEIVING AND SHIPPING

1910

Number.	Date.	From or To—	Subject.
323853	7-1 Simon Wireless Corp - Request Reply 8:12		To Elmore W. Co. Repts. copy of let. encl. with their let. be fvd. 7/13 Michigan Wireless Corp - Sub samples to Washington Yard. Request change in name to Elmira radio lfg Corp. W - 7:14 To H.V. Intel. Repts. investigation of correspond. from : f. J. W. Askin. 7/24
323772	7:2 7:3	Albert Ramsay Naval Communication	Offers cutting plant to navy for making of sapphire jewels. W
323725	7/8	To West. Elec. Co.	Repts. 2 copies each of drawing & photo of all audion tubes. W West Elec Co - Are fvd drawings and photographs W G E Co - Fvds photoes and drawings of audion tubes. W 3:14
323727	7/9	To S&A	Repts. shipt. of radio apparatus for Nav. Dist. Base from Wash. to N.E. New London Base 3:29
324103	8:24	Canadian Air Force	Reest duplication of order for damped and undamped valve resuction fitted with audion valves. W
323857	7/9	To NY	Author. to improve a stand. sparking distance. W. To Simon. permission granted to del. spark gap to NY for test. 7/9
323859	7/9 7:22	To Com. & Ind. Mgr. Phila - 7:22 Will nat. approxi- 65 condensers by SAC 1st To Phila. Repts. information re condensers 7:8:1 dial card 158	Gives instructions for construction of series atern. condenser. W S. S. Company 7:10 Norfolk 7:12 New York 8:2 Phila 7:15 New York 7:18 Norfolk 7:30 Phila - 7:22 Boston 7:22 To Phila. Repts. report on condenser. 7/9

(over)

CARD 161

RECEIVING & SENDING.

Number.	Date.	From or To—	Subject.
320916	6/28	To Firms	Fwds. blue print for assistance in bidding on spark transmitters. W
320927	6/28	To Dana Manfg. Co. (T)	Bakelite bases for Army should be given same priority as those for Navy being purchased by GS or WE. W
321418 (Old number)	6/5	Pearl Harbor	
321754	6:28	New York	Received switch, type submitted by Marconi Co not considered sat. W To H-11 PC - 11:30
321489	6/29	To West. Elec. Co. See Card 190	Reqs. status of small dynameter or motor generator. W
321802	6/29	To Federal Tel. Co.	To Com. & Ind. Mgrs. Gives instructions re tuning transmitters. 7/2 3th Dist 7:26 Charleston 7:9 West Elec Co 7:16 Key West 7:30 Gives list of confidential publications rec'd. of Waller & Fuller. 2nd Dist - 7:30
322599	6:30	New York	Reqs. authority to design W Insp. Cr. ps - Sub detail report and test for recommendation on oil separator and feds sheets of instructions, etc. New York - feds prints. 3:15

1918

Number.	Date.	From or To--	Subject.
315166		See Card 147	To Wireless I.Co. Fwds. vandyke of drawings listed in let. 7/2
319919	7/2	To Sperry Gyroscope Co.	Gives telephone conversation re del. of SE 1012 receivers - radio telegraph. W
321918	7/2	To Wireless Spec.A.Co.	Reqs. test of hubs & spokes. W To Electrose Mfg. Co. "Grade G" material for hubs & spokes approved & arrangements should be made for test. 7/2 Electrose Mfg Co. - 7:3 To --- re ly to let. of 7/2. 7/19 Wireless Spec. - 7:30 7:34
321922	7/2	To NY	Reqs. to fwd 3 vandykes & 3 blue prints. W New York - Fwds prints. 7:12
322320	6:27	E J Simon <u>WRONG ENTRY</u>	Fans for airplane radio generators, to be delivered and installed. R T Co reqst confirm order. "

RECEIVING & SENDING: SETS.

Number.	Date.	From or To—	Subject.
✓ 319791	6:21	Thomas A Edison	Reest diagram of audion and information in connection with. W.
✓ 320049	6:24	Washington Yards	Rheostat for shaft valve received, fws report on submitted by Sperry Co. W To Sperry Gyroscope Co. Encl. marked print showing new type of filament resistance. 6/28 Sperry Co - 7:2
✓ 319921	6/25	To West. Elec. Co.	Recom. audion tubes be sold to Sperry Gyroscope Co. W
✓ 319922	6/28 West Elec 8:27	To West. Elec. Co.	Advisable for 1 of resistance units included with equp't. being supplied in spare part boxes & req'ts. estimate of cost. W West Elec Co 1:22 West Elec Co - Sub quotations covering Dept Commerce - Fw's booklet on vacuum tubes. 8:23 8:1

RECEIVING & ATTENDING:

Number.	Date.	From or To--	Subject.
✓ 320826	6:25	Manhattan Elec Sup Co.	Reports delivery of radio transmitters to cruiser and transport force Hoboken. Gives description and prices. W
320659	6:25	Boston	Suggest method of radio transmitter. W
320993	6:26	N Y	Fwds vandykes showing latest alterations of one k w frames. W
✓ 320953	6:20	E J Simon	Instruction books covering sets including aircraft. W
320868	6:26	Washington Yards	Fwds vandykes listed, amplifiers to the Marconi Co. W
319920	5/27	To Wash.	Gives descript. of buzzer. W
To Manhattan Elec. S. Co. Gives list of on Wash: Sub report of test on new design buzzer see v commented and on buzzer. 7/31 sub by Marsh Elec Sup Co W 7:24			
320610	6/27	Manhattan Elec Su Fwds prints. 9:30	See CARD 174
		To S&A	Repts. shipt. of radio apparatus from Wash. for Inter. Rad. Tel. Co., Brook. W Shipment order 6:22 received back 8:8

Number.	Date.	From or To	Subject.
	7/20		West Elec Co. Submits recommendation as to specific type of vacuum tube which will be used in the future. W
	7/21		
	7/21		
✓ 319100	7/20	To West Elec Co. From: [illegible]	Fwd. blue prints of drawing showing audion control boxes. Western Elec Co - Fwd. prints showing sockets used in audion control. 7/21
✓ 319100	6/20	Manhattan Elec Supply Co	West Elec Co. Fwd. blue prints showing variations. Fwd. Wash. 7/21 received back 7/21 New radio buzzer. gives advantages of and fwd samples. W
✓	7/21		
✓	7/21		Wireless Improvement Co - Submits are produced by, will produce within the next two weeks. W
✓	7/21		

1918

WORKING & SCHEDULING SHEET.

Number.	Date.	From or To.	Subject.	
✓ 1111	3/21	To Simon	E. J. Simon - Detail comment 6:26 NY To Mr. Repts. inspect. Simon sets whether or not condenser supports suff. rugged to stand up in service. 6/29	7:10
✓ 1112	3/21	To Mr. Repts.		
03112	3/24	Ed. Har. Co.	Ed. for information & ret. of order re. to. Received back 7:17	
✓ 1120	3/24	To Dana Mfg. Co.	To Dana Mfg. Co. 6/24 Dana Mfg Co. 6:28 - Report on status	
✓ 1140	3/24	To Corbin & Jackson	To Corbin & Jackson 6/24 asks if navy work such as men are doing will exempt men from draft. W 6:27	
✓ 1141	3/24	To Corbin Screw Corp.	To Corbin Screw Corp. 6/26	
✓ 1143	3/24	To Shaw Insulator Co.	To Shaw Insulator Co. 6/26	
319436		See CARD 155		
319193		See CARD 167		

RECEIVED & INDEXED

Number.	Date.	From or To	Subject.
✓ 315270	6/14	To Johns-Manville Co.	To the effect of only asbestos wood to be used for 7.1.
✓ 315005	6/14	To Clapp-Eastham Co.	Clapp-Eastham Co. submits information in connection with generators under development. W 6-27 To Phila- re at mod be checked and report re circuit breakers mfg Condit Elec Co 2-25 Breakers shipped to Phila on approval. Ph-Prop breakers sub by Condit Co recs be placed on approved list. Orsco to \$100 circuit breakers be ret. W 6-27 To late for present bidding. 6/27
315006	2-18	Condit Elec Mfg Co.	
✓ 315018	5/15	To Phila- re at mod be checked and report to Condit Co- 3-27 fwd Phil 4-7 Condit Elec Co- Fwds tag and req sent by teleph Condit Co	Breakers shipped to Phila on approval. Ph-Prop breakers sub by Condit Co recs be placed on approved list. Orsco to \$100 circuit breakers be ret. W 6-27 To late for present bidding. 6/27
✓ 315011	5/15	To P.E. Mfg Co.	Desires to know the type of battery supplying for radio blinker sets. 5/28/ F.E. Perry & Sons. are supplying Perry ready tungston 1734 type of battery with their signal set. L 7-2 Radio amplifiers to be added to each of vessels of Cruiser, then out, for the first time. To Phila. Re t. in 1934. re 11/11 To Phila. Re t. in 1934. re 11/11 in 1934. Re t. in 1934. re 11/11 Sims - 7/17 - last initial and amplifier to be f.d. CO - 1:30 To CRSBY advises re shipments 2-6
✓ 315005	5/17	To Atl. Fleet	

4-1324

RECEIVEDS AND SENDING SETS

1918

149

Number.	Date.	From or To--	Subject.
316596	5-31	Wash. Island To Dir. Is (1) 4:40 or. Monf. 9/14 MI-Tel. req authority to run cable between auxiliary room on destroyers 286 to 341 to provide necessary spares. W 9:23 To Is (1) radio authorized 9-26	Protection of receiver and emergency transmitter in auxiliary radio room on destroyers - fws yard. - recommends be installed in all future destroyers. W 7:13 received back 7:11 W 7:30 Tel. Boston 7/30 Req authority to mfg relays for destroyers bldg at yrd. W 9:13
316461	6-13	Washington	List changes recommended in receivers being built on requisition 1959. W To Wireless S.A. Co. Gives list of changes nec. in drawings. 6/27
316363	6-8	Interior Dept To Pg Sd, Hqst is mat'l recd, 10-22 Dept of Interior - Req invoice and ship papers cov bulbs. 1:6 SEE To Dept Interior - attle fws copies 230 of shipment of cr of Aug 1st 1-18 Dept of Interior - Req duplicate invoice.	Request prices covering radio detector boards in connection with request from office at Alaska. W Dept Inter-Render dup inv on voucher 5:23 To --- Replies to above & asks to what account mat. r'l should be charged? 7/5 Dept Interior - Req shipment of material for use in wireless station at Alaska Ins Com. Fds copy of letter to A. Y. Tuel in connection with operation of small arc sets. W
316455	5-13	Fed. Tel. Co.	
316453	1/17	To Dir. Gen. - 1:18	Havana - TEL: asks when bulbs will be shipped. 8:28 To SAA Repts. shipt. of radio apparatus from Hav. to Havana for Dir. Gen'l. W 9/8 To --- (1) Shipt. tubes being expedited. 9/9 To --- Material was shipped in accord with ref. (a) 4:15

898 RECEIVING AND SENDING SETS

Number.	Date.	From or To—	Subject.
✓ 305898		CARD132	Walker Bros & Haviland - Fwds drawing showing automatic starters being supplied to F. Lowenstein. Walker Bros. & Haviland - Fwds control print showing radio hand started handle and transfer switch handle. 7:5
✓ 316759	6-14	Western Elec Co	Re generator detector amplifier - fwds specifications and drawings. To Wash. Fwds. drawings. 7/6
✓ 316793	6-13	Holtzer Cabot Co	Re request authority to submit a set of headphones for radio receiver for test. W To Wash. Given instructions for test of headphones. 7/6
✓ 317157	6-14	Wireless Specialty Apparatus Co	Request instructions in connection with payment of Lowenstein's account covering bills - owing to late delivery of prints - Company was put out to expense greater in amount than Lowenstein's bill. W

Number.	Date.	From or To—	Subject.
315881	6/10	G E Co	Was copy of Letr Col Shadwiner signal corps. com. with. 11111. 11111. 11111. Bu. 11111. 11111. 11111. 11111. 11111. 11111. 11111. 11111. 11111. 11111. TEL. G E Co. Reqt authority to received porcelain bases for receiving tubes. 6:25 To—(T) Use of porcelain bases rec'd tubes satisf. 6/27
315889	6/12	To Marconi	Fwd. v. 11111. 11111. 11111. 11111. 11111. 11111. 11111. 11111. 11111. 11111.
315890	6/12	To NY	Re. test. tests for suspected change in 11111. 11111. 11111. 11111. 11111. 6:20 Fwds comment on Marconi radio transmitters To NY. Marconi said would take up with NY quest. of satisf. rheostat. 6/27 New York 7:8
315815	6/11	Asian	Fwd. report of ins n test of short wave receiver mtd by 11111. 11111. 11111.
317632	6/8	Marconi	Fwds radio test report on long range receiver 192-6

RECEIVED BY DIVISION OF THE

Number.	Date.	From or To—	Subject.
315967	6/11	Boston	Submits report of damage to 20 kw radio
	Rec from Wash.	8:28	are transmit set for station on 31-1-12, 7
			To Federal Tel. Co. Gives list of defective
			parts rec'd at Boston. 6/25
✓ 315716	6/13	To Doehler D. Casting Co.	Federal Tel Co 6:37
			To Wash. He and Co. to Radio transmitter set 7/19
			Ware Island Transmitter set shipped 7/19
			4-4. Doehler D. Casting Co. Submits information
			difference in price. 6:19
			To—No further action will be taken at this
			time for purchase of dies by Dept. 6/25
✓ 316001	6/13	To Federal Tel. Co.	By Federal Tel. will be taken office 6:15.
316002	6/13	To Wash.	Ed. 1 copy of specific t.f. rec'm. W
V 316071	6/11	✓ To Co	Post Lt Clair LeClair and arrys to accord
			party party to connectively-ack it can prove to
			to send radio message to Dept. of War to
			box and on computer visual receiver.
319001	6:20	New York	Submits report of test of 1 kw set. W
316985		See CARD Dup. I. 1645 194	

RECEIVING & SENDING CARS-

1918

147✓

Number.	Date.	From or To—	Subject.
✓ 314251	6-10	To Westinghouse Elec	Bu delivered to Mr Stever June 6th drawings as listed—comment on— W for the house 300-2289-2/12 ask O. H. Clark for the house 300-2289 cov ring and arch con- trol boxes. W
> 303066		SEE CARD #130	E J Simon—submits data on rheostats for various types of panel radio transmitters. W 6/7 Wireless Improvement Co 6/11 Wireless Improvement Co - Fwds prints. W 6-12
✓ 315499	6/10	Washn	Fwds copy of lettr to DeForest Co's prints report on test of am. trans. and gen. changes listed—must be fco in order to pass inspection. W
316835	6/12	CO	Recommends that radio motor generators be sent to manufacture for overhauling. 312-6
315498	6/10	Washn	Changes recommended in receivers on Regn 1929 in accordance with verbal report of expert radio aid G H Clark. L
309716	6/11	Washn	to O. H. Clark. Will recommend. H
315498	6/11	To O. H. Clark	to O. H. Clark. Will recommend. H

RUMFING & SONS LTD

4 3381

RECEIVING & SENDING 33 S-

Number.	Date.	From or To—	Subject.
✓ 313558	6-6	To Marconi Co	Best be advies additional cost involved in modification of 5 kw spark trans inters- under contract 2411-W Marconi Co 7:17
✓ 313559	6-6	To NY	Combined relay and hand sending key offred by Gen. Radio Co- Ask if these keys are satisfactory- being supplied to F. Lowe Stein-W New York 6/13 To Marconi Co. 7:17 To NY- 7:17 To NY- 7:17
314353	6:5	Boston	Confirms tel conversation in connection with shipment of one quarter kw radio sets.
✓ 293868	6-5	To G E Ft Wayne	Best submit to BU 14 additional gap units - further tests will be made- W NY - Sub-report to further test. W 8:25
✓ 313882	6-7	To Wireless Specialty Co.	Delay mfer of receivers on contract for 200- await changes in design-W
313890	5:27:19 NY NY-6:2-	Report of comparative test of insul radio transm. W	Fwds report on short wave set mfg by Wireless Imp Co. To NY- reast expedite tests 4-4 To NY- reqst fws print 6-10
314816	6/7	Bolmar	Submit report on type Se-1000 am H-Tors. W
3138 98	3:29	NY	Req type SE 5531 interfleet transm be made for test. W

RECEIVING AND SENDING S.T.S.

Number.	Date.	From or To--	Subject.
314700	6/7	Western Elec Co Western Elec Co. Relating to shipment. W 6:19	Was copy of letter from Western Elec Co stating that West. Elec. Co. had order of Jacks is 6/5. W. to West. Elec. Co. Reat. to expedite production. W 6/18 Western Electric Co. 6-13
313875	6-8	To Bu Standards	in re 1 1/2 K 7 panel type transmitters - Det comment on - Bu stand 6/11
313881	6-8	To NY	Radio Tel - send and receive switches here type - lists abstract from PENNSYLVANIA New York 7:23 Fwd's drawings.
314983	6/10	DeForrest Co T	200 audio control boxes-bids to be ordered on tent. no specs or list for bid's record by Dep. protest against. W attitude of of. of reference to audio con-
314998	6/7	4th Dist To 4th Dist. W 6/11 rec'd. 7/11 rec back 9:19	to radio - 4th nec in order to equip To Wireless I. Co. States finish shown on drawing in error. 7/11 of radio apparatus for 2nd station. 7/22 Repts complete set of vandykes. W Fwd. Wash. 6/28 back Oct 1
314677	6:7	New York	

4-33N1

RECEIVING & SENDING No. 898

Number.	Date.	From or To—	Subject.
✓ 313730	6/5	Federal Telegraph Co	Fwds photostat showing overall dimensions of assembled 2 KW arc radio set for Naval vessels - "
✓ 313823	5/31	Mt Vernon Co	Asks if additional audion bulb sockets will be read - " To Mt Vernon Co- in re above- 6-7
✓ 313825	4/14	The Tropical R Tele Co	Fwds photographs and prints showing quench gap panel sets - "
✓ 312723	6-6	To Marconi Co	Rest copy of specifications be supplied Int Radio Co - for reactance in connection with power changing switch on 1 KW panel sets - W Marconi Co- 1 KW switch co 1 0.5 sec. covering trans or xer and reactance 6/10
✓ 312956	6-5	Fwd Dir Naval Comm.	Letter from Institute of Radio Engineers concerning paper by Ensign Bowden Washington
✓ 313034	6-6	To Firms	Fwds copy of specifications for Test Buzzers/Buzzer Control Switches and Buzzer Batteries- (RE 13A 245B) W To Wash--Ditto-6-6
✓ 313557	6-6	To Federal T. l Co-	Returns letter left in Radio Div by Mr C. Waller

Number.	Date.	From or To--	Subject.
312632	5-27	To Wash	
312633	5-28	To F Co-	
312634	5-28	To Mil O rce - Cl r	
312635	5-28		
312636	5-28		
312637	5-28		
312638	5-28		
312639	5-28		
312640	5-28		
312641	5-29	Marconi Co	Fwds report of test of one KW transmitter -W
312642	6/1	Price Bros	Request instrns re metal to be used on 2 KW self cooled quench to Price Bros-supports should be made of brass- Finished holders should be made nickel dipped-6-7

RECEIVING AND SENDING SETS 898

Number.	Date.	From or To—	Subject.
312829	5/28	Washington	F wds 113 prints covering radio apparatus - W
	6-4	To Best	~~Walker Bros & Haviland-fs industrial controller~~ Boston-fws vaks 6/12
	6-4	To " "	~~Walker Bros & Haviland-fs industrial controller~~ Walker Bros & Haviland-fs industrial controller by s. low current limit automatic starter with cast iron covers. 6/10 Walker Bros & Haviland 6/11
312890	6-1	War Department	Transmitting sets requested for testing Laboratory, Washington - requests check to cover. 6/19 To SAA 6/19 RB 6-15
313305	6-4	Washington	Fws blue prints of radio buzzer in direc- tion set. W
313344	6-4	Wireless Impr Co	Electrostatic transmittor and receiver. 1 set in direction fws for test. To Wireless I. Co. Mac. to defer test until to furnish 3 sets. 6/13

5/

4-2361

898 RECEIVING AND SENDING SETS:

Number.	Date.	From or To—	Subject.
312115	5-11	Copy 8789 To ARCADESTOCK further info req requirements for app 7/25 To SEA Reg ship from Wash to ARCADESTOCK radio amp 8/20	Radio signalling necessary in North SEA - request amplifiers be shipped im- mediately. SEA - Request shipment from Wash to SHAWMUT 15 radio 2-stage amplifiers - 6-6 To (M) Sims - 15 2-step amplifiers go fwd via SHAWMUT - for MINE PLANTERS - 6-6 Sims - Co. - 9001 - request additional type T amplifier bulbs go fwd - 8/5 To Sims (2) Give list of supplies shipped. 7 7/13 Fwd prints of receiving and sending apparatus. "
312215	3-10	Washington Yard	
312179	5/21	Wireless Improvement Co	Request authority to inspect one of Simon 100 radio transmitters at Brook Yd in order to make comparison with Navy stand 1 K set - w To Wireless Improvement Co - 6-7
311695	5-1	To Wash.	Recd. list of rad. arc transmitting sets diverted to Norfolk without being taken out of r.r. cars upon arr. at Wash. W15, 6/1 R B 6/13
31111	1-1	To R. B.	

RECEIVING AND SENDING SETS.

Number	Date	From or To	Subject
311121	5/24 5/27	General Cable Censor Naval Communications	Quotes letter intercepted from Cutting and Washington to Barcellona, Spain submitting quotations on radio apparatus - .. Rvd Naval Communications 5-27-31
311523	5/28	E. J. Simon	1/2 KW radio motor generators - request permission to send a Rep. to Sub Base in order to look into defects on 1/2 KW transmitters -W To E J Simon- 6-7
311543	5/28	Communications	Fwds copy of correspondence relative to experiments on board the USS <u>Albatross</u> of a short wave transmitter - asks if Bureau authorizes Gunner P. J. Evans to correspond with Sperry Co - W
308369	5-29	To NY	1/2 KW radio motor units delivered to .. Contract
311543	5-29	To ..	Test Washington: Fwds report of test not rec. made at Mare Isl. W 6,20
311543	5-29	To Miller House	Test

Number.	Date.	From or To-	Subject.	
311775	5-28	To Federal Tel Co-	Confirming phone conversation - 11:30 d. c. to be completed in office of E. J. Simon and transmitted to Federal Co - Submit recommendations. W 6-14	
311911	5-29	Western Elec Co	Finds copies of 2 letters from Mr. Means re lost wiring diagrams of station - request Bureau instructions. W 6/1 To Key West. States that lets. of Mr. Dean will not be ans. W 6/1 To West. E. Co. Lets. of Mr. Dean will not be ans. W 6/1 To Key West	
311798	5/28	CO	Request material for installation of 126 British type radio transmitter.	562-6
599	5/28	Ensign Sandwater	Airplane radio transmitters inspected at factory of E. J. Simon, accepted and shipped to Norfolk.	629
311947	5-29	F Lowenstein	Finds and is showing wiring diagrams for auxiliary sets with storage battery. W	

Number.	Date.	From or To.	Subject.	
51110			Shipment order May 28 received back Oct. 17	10
51111				
51112				
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SCA- 5/26/20
To S&A- rel modification of records
5/26/20

To S&A Reg shipment from Washn to NY
radio receiving sets contract 34516 3-11
Shipment of Supt order 5/17/20

received back 9-28

3 & SENDING STG

898

Number.	Date.	From or To--	Subject.
311120			Received back 10:25
311121			
311122			
311123			
311124			
311125			
311126			
311127			
311128			
311129			
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311131			
311132			
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311136			
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311138			
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311140			
311141			
311142			
311143			
311144			
311145	5-24	Burlington	
311146	5-26	Washington	
311147	5-27	Gen Cable Cens r	
311148	5-27	Naval Communications	
311149	5-28	Gen Cable Cens r	
311150	5-28	Naval Communications	
311151	5-29	Gen Cable Cens r	
311152	5-29	Naval Communications	
311153	5-30	Gen Cable Cens r	
311154	5-30	Naval Communications	
311155	5-31	Gen Cable Cens r	
311156	5-31	Naval Communications	
311157	6-1	Gen Cable Cens r	
311158	6-1	Naval Communications	
311159	6-2	Gen Cable Cens r	
311160	6-2	Naval Communications	
311161	6-3	Gen Cable Cens r	
311162	6-3	Naval Communications	
311163	6-4	Gen Cable Cens r	
311164	6-4	Naval Communications	
311165	6-5	Gen Cable Cens r	
311166	6-5	Naval Communications	
311167	6-6	Gen Cable Cens r	
311168	6-6	Naval Communications	
311169	6-7	Gen Cable Cens r	
311170	6-7	Naval Communications	
311171	6-8	Gen Cable Cens r	
311172	6-8	Naval Communications	
311173	6-9	Gen Cable Cens r	
311174	6-9	Naval Communications	
311175	6-10	Gen Cable Cens r	
311176	6-10	Naval Communications	
311177	6-11	Gen Cable Cens r	
311178	6-11	Naval Communications	
311179	6-12	Gen Cable Cens r	
311180	6-12	Naval Communications	
311181	6-13	Gen Cable Cens r	
311182	6-13	Naval Communications	
311183	6-14	Gen Cable Cens r	
311184	6-14	Naval Communications	
311185	6-15	Gen Cable Cens r	
311186	6-15	Naval Communications	
311187	6-16	Gen Cable Cens r	
311188	6-16	Naval Communications	
311189	6-17	Gen Cable Cens r	
311190	6-17	Naval Communications	
311191	6-18	Gen Cable Cens r	
311192	6-18	Naval Communications	
311193	6-19	Gen Cable Cens r	
311194	6-19	Naval Communications	
311195	6-20	Gen Cable Cens r	
311196	6-20	Naval Communications	
311197	6-21	Gen Cable Cens r	
311198	6-21	Naval Communications	
311199	6-22	Gen Cable Cens r	
311200	6-22	Naval Communications	

Number.	Date.	From or To—	Subject.
31001	5-27	See Class 100	1.
310733	5-27	To NY	Repts above be amended as listed 12-28
310100	5-27	To NY	Repts above be amended as listed 12-28
310111	5-27	To NY	Repts above be amended as listed 12-28
310112	5-27	To NY	Repts above be amended as listed 12-28
310113	5-27	To NY	Repts above be amended as listed 12-28
310114	5-27	To NY	Repts above be amended as listed 12-28
310115	5-27	To NY	Repts above be amended as listed 12-28
310116	5-27	To NY	Repts above be amended as listed 12-28
310117	5-27	To NY	Repts above be amended as listed 12-28
310118	5-27	To NY	Repts above be amended as listed 12-28
310119	5-27	To NY	Repts above be amended as listed 12-28
310120	5-27	To NY	Repts above be amended as listed 12-28
310121	5-27	To NY	Repts above be amended as listed 12-28
310122	5-27	To NY	Repts above be amended as listed 12-28
310123	5-27	To NY	Repts above be amended as listed 12-28
310124	5-27	To NY	Repts above be amended as listed 12-28
310125	5-27	To NY	Repts above be amended as listed 12-28
310126	5-27	To NY	Repts above be amended as listed 12-28
310127	5-27	To NY	Repts above be amended as listed 12-28
310128	5-27	To NY	Repts above be amended as listed 12-28
310129	5-27	To NY	Repts above be amended as listed 12-28
310130	5-27	To NY	Repts above be amended as listed 12-28
310131	5-27	To NY	Repts above be amended as listed 12-28
310132	5-27	To NY	Repts above be amended as listed 12-28
310133	5-27	To NY	Repts above be amended as listed 12-28
310134	5-27	To NY	Repts above be amended as listed 12-28
310135	5-27	To NY	Repts above be amended as listed 12-28
310136	5-27	To NY	Repts above be amended as listed 12-28
310137	5-27	To NY	Repts above be amended as listed 12-28
310138	5-27	To NY	Repts above be amended as listed 12-28
310139	5-27	To NY	Repts above be amended as listed 12-28
310140	5-27	To NY	Repts above be amended as listed 12-28
310141	5-27	To NY	Repts above be amended as listed 12-28
310142	5-27	To NY	Repts above be amended as listed 12-28
310143	5-27	To NY	Repts above be amended as listed 12-28
310144	5-27	To NY	Repts above be amended as listed 12-28
310145	5-27	To NY	Repts above be amended as listed 12-28
310146	5-27	To NY	Repts above be amended as listed 12-28
310147	5-27	To NY	Repts above be amended as listed 12-28
310148	5-27	To NY	Repts above be amended as listed 12-28
310149	5-27	To NY	Repts above be amended as listed 12-28
310150	5-27	To NY	Repts above be amended as listed 12-28

Number.	Date.	From or To	Subject.
✓ 310087	5-27	To F. Lavender	In re Miller in re Miller Die Miller Miller- F. Lavender-feds bill cover Locker Dies. W
✓ 310090	5-27	To Marconi Wireless Tel Co	In re to die, etc. rights re. red in to 3-18-48 in re to die, etc. rights re. red in to 3-18-48 in re to die, etc. rights re. red in
310107	5-27	To W. H. H.	W. H. H. report of test on Washington Yard - Feds report of test on detector submitted by the American Gas Accumulator Company. 7/11 To Amer. Gas. Ac. Co. Quotes report from Wash. Yd. on test of shock-proof detector. 7/11
✓ 311220	5-25	Marconi Co	Locating pin holes for 1 1/2 inches - spokes sent to Disctrose & Co in accordance with Navy drawings. W
297378	4/15	To Ships	Two stop radio amplifier-Bu reqtd shipment from Wash to NY of one two stop radio amplifier for vessel under your command. To Cruising Force. To S&A eqt ship amplifiers from Wash to Norfolk. To-reqt ship amplifiers from Wash to NY. 474-6

RADIO REPLY TO 321 1003

Number.	Date.	From or To—	Subject.
✓ 309599	5-24	To SIA	Re: shipment from NY to Phila—Was sells Ship Id—radio transmitting sets—W
✓ 309600	5-24	To NY	List number radio transmitting sets to be ship—radio stations for—
✓ 309635	5-24	To NY	Radio Tel—Test rods for Navy type quenched Spark Coils—1911 to design 5-8 and 1911- NY—Fwds van dykes showing test rod for quench spark gaps - 6/5
✓ 310675	5-23	Marconi Co	Fwds list of those received from the Co since January 1st. W
✓ 310758	5-23	British Ministry (T)	Fwds bill covering charges for customs— entries for sample transmitters received from abroad. W
309697	5-25	To Wash	Encloses specifications LE 10-242—use radio test and Sims - Copy - 8639-6540 - request shipment of buzzers be marked cable requisition 8209. 5-25

Number.	Date.	From or To	Subject.
309764	5-25	To Best	in re 75-1/2 1/4 - Vir less Specialty Co 301-copy of circular lettr direct and co. t issue amon sales to redls not having amon control To Hq port. 6/11
309765	5-25	TO J.M.	Ask if rad. apparatus rec'd. 5/26 received back 10;1 Rqst. shi. ment from Best to Parts- Radio trans. sets- Shipment order 5;25 received back 7;3
309766	5-25	TO J.M.	Rqst. shi. ment from Best to H. Cris- Radio trans. sets- To H. Cris, Rqst if radio rec'd 11-8 RB 11-10
309767	5-25	TO J.M.	Rqst. shi. ment from Best to Phila- Radio trans. sets- W
✓ 310366	5/16	Doehler Dye Castings Co	Brass parts f. r. Lowenstein strut cap and conden- ser holder - ask if Dept will auth rize manu- of necessary dyes on its acct - W Also ask if Dept will auth rize manu- of necessary dyes on its acct - W Doehler Dye Castings Co 501-its quotation.
✓ 310297	5/24	American RR Corp	Are in position to supply protect r bulbs - request authority to submit samples - W Further info - W
310346	5/22	Solicitor	Wls lettr from M.D. Cris to W.D. Cris for vendors of an elect outfit consistg of a coil producg a spark of not more than 5"---to sell such an outfit to Alessandrio Caccia.

RECEIVING & SHIPMENT LOG

Number.	Date.	From or To—	Subject.
✓ 308907	5-24	To S.A.	Best shipment from Wash to Norf-Vessels Ship Bd—short wave radio sets—
✓ 308908	5-24	To S.A.	Best shipment from Wash to Chagu-Vessels Ship Bd—short wave radio sets— Received back 9:23 back 11:24
✓ 308909	5-24	To S.A.	Best shipment from Wash to Key West-Vessels Ship Bd—short wave radio sets—
✓ 308910	5-24	To S.A.	Best shipment from Wash to N Ori-Vessels Ship Bd—short wave radio sets—
✓ 308911	5-24	To S.A.	Best shipment from Wash to Grt Lakes-Vessels Ship Bd—short wave radio sets—
✓ 309236	5-24	To S.A.	Best shipment from Wash to Grt Lakes Vessels Ship Bd—short wave radio sets— received back 9:30
✓ 309237	5-24	To S.A.	Best shipment from Wash to Phila-Vessels Ship Bd—short wave radio sets—
✓ 309238	5-24	To S.A.	Best shipment from Wash to Norf -Vessels Ship Bd—short wave radio sets—
309254	11:27	Phil	received back 9:18 And list.

RECEIVING & SHIPING SETS

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Number.	Date.	From or To—	Subject.
309239	5-24	TO S.A.	Post shipment from Wash to Chagn-Vessels Ship Bd--short wave radio sets-- received back 9:12
✓ 309240	5-24	TO S.A.	Post shipment from Wash to N Orl-Vessels Ship Bd--short wave radio sets--
✓ 309241	5-24	TO S.A.	Post shipment from Wash to Ports-Vessels Ship Bd--short wave radio sets-- Received back 8:16
✓ 309242	5-24	TO S.A.	Post shipment from Wash to NY-Vessels Ship Bd--short wave radio sets--
✓ 309295	5-24	TO S.A.	Post shipment from NY to Grt Lakes-Vessels Ship Bd--radio transmitting sets--
✓ 309296	5-24	TO S.A.	Post shipment from NY to N Orl-Vessels Ship Bd--radio transmitting sets--
✓ 309297	5-24	TO S.A.	Post shipment from NY to Chagn-Vessels Ship Bd--radio transmitting sets-- Received back 9:5
✓ 309298	5-24	TO S.A.	Post shipment from NY to N Orl-Vessels Ship Bd--radio transmitting sets-- To N Orl. Post 1X radio recd 11-8 Shipment order back 1:5

RECEIVING & SENDING SETS

Number.	Date.	From or To—	Subject.	
307110	5-16	To S&A	Reqs shipmt for ships and Stations from Wash as require- Addition bulb receptacle for ships on which audion control boxes are installed W	
308584	5-23	To S&A	Reqs shipmt for Vessels of U.S. Shipping Bd Wash to Ports 15 Wireless Specialty App Co's short wave Radio Receiving sets W	
308810	5-23	To Miller Reese Hutchinson Inc-	Confirmation of Phone RE delay in delivery of Audion B Batteries W	
308904	5-23	To Cdt Wash	Reqs that 4 Natl Elec Supply Co's short wave receivers to be retained at Wash for insatlin on vessels of the USShipping Bd W	
308905	5-23	To S&A	Reqs shipmt for vessels of US Shipping Bd from Wash to NY 30 Wireless Specialty App Co's short wave Radio Receiving sets W	
308906	5-23	To S&A	Reqs shipmt for US Shipping Bd vessels from Wash to Phila 9 Wireless Specialty App Co's short wave radio receiving sets W	
308952		See CARD 169		

Number.	Date.	From or To—	Subject.
309441	?	Pg 54	Fwds paper prepared by Prof. Gilbreath covering experimental radio work, recommends work in connection with be assigned to yard. (Cross to Prof Gilbreath)
309754	5:22	G E Company ✓ Sent copy of circular for direct to issue of ad on tubes to you to get adv. each control boxes. W C/11	Fwds letter from C O Hammond Repts information re operation of pilotade vacuum receiving tubes. W
309816	5:22	Cutting & Washington	To SEA- Radio equipment U.S.S. LONG ISLAND 5-8 Fwds itemized bill covering material and labor for making calibrating transmitter for Nahant station W/ Insrp F R- Shore station for S E 995 completed W 5:8 To Boston- asks report material from Nahant station 4-2
307788	5-24	To Price Bros	In reply to letter May 14th you are informed Decker Die Casting Co have necessary molds to cast pieces listed- W
308121	5-24	To WASH	Fwds report test of C-258A receivers made by WASH
308578	8:22	Portsmouth Old Number	Fwd.

RECEIVING & SENDING SETS

Number.	Date.	From or To—	Subject.
305922	5-22	TO 301	Shipment National for Ford's service— R B 5/25
306839	8-11	Kimball Glass Co	Fwd's duplicate bill
307771	5-22	TO 301	Best shipment from Wash to 3rd Lakes received 9:5 To Great Lakes Ask in radio apparatus rec'd. 7/30 Great Lakes 8:3
307772	5-22	TO 301	Best shipment from Wash to 3rd To short wave set rec'd.
307776	5-22	TO 301	Best shipment from Wash to 3rd To 3rd Lakes Ask in radio apparatus Charleston, - 9:6
307777	5-22	TO 301	Best shipment from Wash to 3rd To short wave set rec'd. received back 7:11
307778	5-22	TO 301	Best shipment from Wash to 3rd To 3rd Lakes Ask in radio apparatus rec'd. 8/2
307779	5-22	TO 301	Best shipment from Wash to 3rd To short wave set rec'd. Portsmouth 8:7
307780	5-22	TO 301	Best shipment from Wash to 3rd To short wave set rec'd. Received back 10:2
307781	5-22	TO 301	Best shipment from Wash to 3rd To short wave set rec'd. Shipment order 5:22 received back 7:19
307782	5-22	TO 301	Best shipment from Wash to Key West To short wave set rec'd.
307783	5-22	TO 301	Best shipment from Wash to Bost To short wave set rec'd.

Number.	Date.	From or To—	Subject.	
306920	5-22		received back 3:5 Boston 9 9:24	
306483	5-16	To Cdt Wash	Fwds one blue print report on three SE receivers	143 W
306925	5-23	To Wireless Improv Co	Reqs that report be issue outlining any changes in design under consideration that would remedy defects complained by Yds To Wireless Spec App Co - ditto 5-23 To Marconi Co - ditto 5-23 To J. Simon - ditto 5-23 To International Radio Tel Co - ditto 5-23 Wireless Improv Co - same copy of 5-20 relative to defects in Simon design transmitter. Wireless Improv Co - sub its preliminary report of test of transmitters. 5-29	W-31
306926	5-23	To Yds	Asks that "Work and Repair Job Orders" for past year on radio transmitters be reviewed with a view of finding out it's weak places 2nd Dist (in date) submits report. Capt - lists and copies of Marconi transmitters - 5-21 - 6:4 W	W #
307050	5-16	To International Radio Tel Co	Authorized to proceed with the manu of 100 spark transmitters making provision for six wave lengths.	W
307055	5-16	To GE Co	Reqs time of deliv and prices of standard spark gap, spheres and employed for the measurement of high voltages 5-23 Westinghouse Elec Manf Co ditto 5-23 16 GE Co - submits quotation covering same Fwds descriptive matter in connection with Westinghouse Elec Manf Co - 5/5	W

RECEIVING & SHIPPING LOG.

Number.	Date.	From or To--	Subject.
306770	5:13	Wash. Yard	Submits report on examination of insulating material for vacuum tube. W
307876	5:15	Wash.	Change in design of control boxes being built by De Forester Company. List changes necessary. W CE INV--5-27 De Forest Co. 5-29 To -- in re above--6-6
268050	SEE CARD #108		Driver Harris Co T-will ship in one week 7/20. W To (5) Driver Harris Co. 5-22 To Driver Harris Co. Asks del. date. W 6/1
307428	5-18	TO S&A	Rest shipment from Wash. to Orl To S&A amend SO 5/18/18 7/14/19
307429	5-18	TO S&A	Rest shipment from Wash. to Orl short wave radio receivers--W
307430	5-18	TO S&A	Rest shipment from Wash. to Orl Lakes short wave radio receivers--W Shipment order 5:18 received back 7:15

AC 417-00

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Number.	Date.	From or To—	Subject.	
✓ 307431	5-18	CC S&A	Reqt shipment from Wash to Newport Short wave radio receivers—W	
✓ 308592	5/20	Sins Copy	8209 I L - 8209 - request information re availability of range and flange standard battery radio buzzer - 11 req'd at once - W Sins - Copy - 8615-8209 - Request action. 5-28	
✓ 306931	5-20	To S&A	Reqt shipment from Wash to E.J. Simion Co. Head telephone sets Washington 2/19/20 5/20 R-B 5/28 Fwd N.Y. 3/16 RB 3/30 W. Fwd S&A 3/23 RB 5/2 W.	
308696	5-18	Washington	Recommendations re changes in receiver to be built on requisition 1959. W	
✓ 308615	5/22	L & C Co	Will ship 100 radio sets on the 17th and ten sets on the 18th. W	
307795	5/21	To Hamp Rds	Reqt that inductance coil be tested W	918
308122		To C&A 171		

RECEIVING AND SENDING SETS:

Number.	Date.	From or To--	Subject.	
✓ 306795	5-15	To Nat'l Elec Supply Co	Changing order for receivers, and asking information re delivery, W	
✓ 306792	5-14	To (T) Sims	For what purpose and what sets are 55 portable radio receiving sets needed--	
✓ 306797	5-14	To Int Radio Tel Co	Fwds vandyke drawings listed-- W	
306046	5/14	To S&A	Rqst shipment of Radio transmitting sets.	876
306047	5/14	To S&A		
306048	5/14	To S&A		
306049	5/14	To S&A		
306428	5/15	To S&A	Rqst shipment of Marconi Radio transmitting sets.	876
306429	5/15	To S&A		
306430	5/15	To S&A		
305742	5/15	To S&A	Re shipment from Washington to Phila of 2 type 32-712 radio receivers? W	919
306923	5-17	To Marconi,	Fwding blue print of Mfg Instructions, W Internat'l Radio Co - subm-ts comments -	6/31
✓ 306926	6:6	Norfolk	Fwds report of transmitters mfg by E J SIMON. W 9th Dist 7:11 Boston - Fwds prints 7:25	M. I. Sub comments on Sims transmitter. 8:3
	Comm to 7/16	done. -- No repair work		

RECEIVING AND SENDING SETS:

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Number	Date	From To	Subject
307088	5-17	To Bureau of Standards	Fwding copy of spec of spark transmitters W
307143	5-17	To New York	Re 100 Simon Radio Transmitting sets, W
307426	5-17 To S&A To S&A - Reqt shipment order be cancelled. 5-29	To S&A	Reqt shipment from Wash. to N Y 50 Nat'l Elec. Supply Co short wave radio rec.sets W To Wash. in re to 101 Nat'l Elec. Supply Co S&A req amend of 30 5-17 3-25-19
307427	5-17	To S&A	Reqt shipment from Wash. to Charleston, 15 Nat'l Elec. Supply Co short wave radio rec/Sets W Received back 10:7 ~~9-25-19 amend of ship from Wash. to~~
307331	5;15	Dr. L. W. Austin	Short range communication with receiving audience. Submits report on probability of W to Atlantic Fleet - Fwd above 5-13 RE 5-31
307547	5;4 5;12	Atlantic Force Atlantic Fleet	1 Preliminary report of test with Lowenstein short range transmitter, fws sketch with comments covering. W
307100	8:27	Washington	Req ship instruc covering receptacles.

Number.	Date.	From or To	Subject.
305030	5-10	To Ship 3d	Fyds vandykes listed drawings-17
305372	5-10	To Wash	In re weekly production report of receiving apparatus To Wash-Fwd production report-5-16
306145	5/10	Co	Request relay key GE Co type to replace Federal Telegraph Co key now installed-7
			477-6
306380	5:3	Maré Island	Fwds radio test report A - 431 on inspection of 1/2 k w Marconi radio sets. W to Maré Island - 1st more detailed report in to the office of the radio lab - 5-16 to NY - R st r report on quenching apparatus to the office of the radio lab - 5-16 on Marconi sets. W 6:17
305378	5-11	To Marconi Co	Confirming phone conversation - Rst that the one 1/2 k w spark transmitter which has been ordered for the station on 125 meters be delivered to Radio Lab NY instead of Wash as previously planned - Marconi Co - Shipment made to radio lab NY 5-14. W 5-17
305728	5-11	TO SEA	Rst shipment from Wash to Bu- Annex SE One amplifier - 7 Ship order 5:11 received back 5:14

RECEIVING AND SENDING SETS

Number.	Date.	From or To--	Subject.
✓ 305746	5-11	To Johns-Mansville	Rest date of earliest deliveries on asbestos wood to Mr Lowenstein-W J. M. Co. 5:14 W J. M. Co. 5:15 To R. Lowenstein Co-5-21- Johns-Mansville Co 6:20 W
✓ 306022	5-13	To Perry Gyroscope Co	Requesting information re delivery of receivers to Washington, W Sperry Co 5-17 To Perry Gyroscope Co- Above in octed radio: as possible would like also a re- order of this order of receivers-5-22 CO 5-25
✓ 306024	5-13	To Mr/ Lowenstein	Submitting copy of Mfging instructions to be used in Mfg of spark transmitters, W
✓ 306038	5-13	To Price Brothers,	Re information of dwg numbers of spark gaps and where they are to be employed W
306778	5-15	To Industrial Man/ NY	Forwarding blue print copies of alteration sheets of spec RE 13A-111, for correction W
306779	5-15	To Industrial Manger NY	Reqsts that transmitter be held pending instructions from Bureau, W

RECEIVING AND SENDING SETS

Number.	Date.	From or To—	Subject.
303877	5-8	To Wash	Fwds co y specfens RE 13A 255A-W
✓ 304588	5-8	To E J Simon Co-	Fwds copy faults developed in Simons spark set generator--- E J Simon - Submits comment on report from Pence on the failure of generators. (Cross file)
304589	5-8	To Bost-	Radio Tel. Hand sending key-W Boston 5-17 Boston - Fwds drawings. 6:14 Boston 6:19 W
304597	5-8	To Woff	Fwds copy booklet 4 RE 43A 103- 20 KW arc transmitter-W
305972	5:11	Sims	7773 - I L - 7737. Repts shipment of portables receiving set and various chemicals to Gibraltar. W To Operations- re Sims despatch-5-21

RECEIVING AND SENDING SETS

Number.	Date.	From or To—	Subject.
284916	SEE CARD 118		To Wash. Call attention that papers have not been returned as requested 5-9
304854	5-9	To F. Lowenstein	Asks that BU SE be notified before Army is supplied with Navy Spark Transmitter F. Lowenstein reqds approval of furnishing 10 kw transmitter under water dept order to F Lowenstein, granting permission., 5-17 Shipping Board 6:28
305540	5/9	F Lowenstein	100 2-kw sets motors will be compound constructing apparatus without covers etc.
266985	SEE CARD 108 VOID WRONG CARD		Marconi Company - Will undertake the sketching mechanism to change transmitter. 5-2
305898	5/10	Walker Bros & Haviland	Rest details in conn w equipt required for 2 kw radio sets
304855	5-10	Walker Bros & Haviland 5/20 T- Walker Brothers & Haveland 5:16 W- To Yards Fleet and Stations Installation of 1 kw radio equipment of merchant vessels maintained by Navy- Fwds set vandykes listed	giving advice as to type of starting equipment to be supplied for spark transmitters. Installation of 1 kw radio equipment of merchant vessels maintained by Navy- Fwds set vandykes listed To Ship Bd- Fwds set vandykes listed

RECEIVING AND SENDING SETS.

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Number.	Date.	From or To—	Subject.	
7 304957	5/1	Great Lakes	Rest return of distant control cabinet. Fwd Boston, 5-13	W
✓ 305068	5/7	Liberty Elec Corp	Rest blueprint instructions covering compound and treatment of fish paper for quenched cap baskets. V To Liberty as requested—5-10	
35923	5-7	Fwd Wash	Fwd for purpose of comment and recom re amend of contract the use of Zylonide or Pyralin	629
233493	5-6 p	See Card 87	To Phila- In re gauges for motor shaft of rotary spark gaps—5-6 To Phila—5-10 To (1) Bu letter 233493-898-W May 6th expedite 5-10	
✓ 304276	5-7	To Marconi Co	No further action required from company in delivery 10 K W spark transmitters-W	
304298	5-7	To NY	In re 5 K W transmitter sets Navy type spokes-info asked in re above—W New York Sub. information 5:17 NY 5-10	

RECEIVING AND SENDING SETS: 896

Number.	Date.	From or To—	Subject.
303845	5-7	To Phila	In re rotary spark ~~plug~~ Gap-Wild make no change in existing contracts-W
305224	4/24	Aeroplane Forces	Rest 10 copies of instrn book for radio receiver type CN-208 be forwarded. W To Naval Elec Sup Co. fws direction in receiving set. W 5:23 To Naval Forces Abroad- fws books as rested- 6-6
305169	5/3	Phila	Rotary spark gaps fws blpts and vokes used in mfe of. W
305267	5/7	N Y	Fws prints showing spark gap holders and switching aught for spark gap unit. W
305293	5/8	F B Perry & Sons	Fws sketch showing proposed modification of P. 6 571 for signal sets-rest assign new type number. W Fwd Wash- 5-11 received back 6:24 F B Perry & Sons 5:10 W Fwd To— Suggestions made satisf. 6/27

RECEIVING AND SENDING SETS

1918

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Number.	Date.	From or To—	Subject.
7 303240	4/29	Washington	Copy of letter to GE co relative to omission of connecting caps on the Grid leak resistances.
303714	5/1	Mitchell Rand Co	Impregnated Foraged tube - calls attention to one manufactured by them. W
265985	5-3	See Card 108	To Marconi Wireless Tel Co—Kindly inform Bu in accordance with letter April 18th— if company will undertake the design of a switch to change voltage amperes on transformers primary with a change in number of gaps in series—W
		Kilbourn & Clark Co - Evds prints. 6:32 To Kilbourne & Clark Co. Ack. recd. of 1st 7/12	To Wireless Spec Co—Ditto—5-3 To Kilbourne & Clark—Ditto—5-3 Marconi Co. will undertake design of switch mechanism to change voltage of transmitter/b:9 K & C Company 5:8
302824	5-3	To East	In re Difficulty in obtaining screws for 5 K W sending -receive switch—5-3 W
303075	5-3	To (T) GE Co (E P Edwards)	Will it be satisfactory to assign one plietron tube to Western Elec for its examination and test—W GE Co (T) Stern Elec Co already supplied -5/4

RECEIVING AND SENDING SETS: 898

Number.	Date.	From or To—	Subject.
303066	5-4	To Firms	In re standardizing various parts of radio equipment making up complete Navy transmitter
		Norf - submits recommendations as to specifications for standard rheostats. 5/28	Comments in re to--W To Norf - Evds copy above--5-4 SEE CARD #147 To Phila--ditto 5-8 F Lowenstein 5/8 Gives info re rheostats furnished. W Philadelphia 5:20 N Y covering blue prints covering rheostats recommended in connection with. W 5:21 20 K W are transmitter under way at Yard Evds plans. W
30474	4/24	Mare Island	
304542	5/1	Nath Baldwin	Evds orders for his head phones. W
		Baldwin - Re:st action. W 7:5	To Nath Baldwin - asks improvement on his head phone do not start re. in the tent. 10 N Baldwin submits quotation on phone. W 5:17 Evds B B 6/11 type of telephone. 76/15
304719	5/4	Boston	Confirms telephone conversation requests authority to install radio transmitters sold by W S A Co on Little Neck. W SILVERNS & SICOONEY. W
304776	5/1	Cuttine & Washington	Evds film ~~xxx~~ negative showing assembly of 1/8 K W with receiver. W
304963	?	?	Blueprint list showing various types of vacuum tubes made by Western Elec- G E Co and De Forest. W

1318

4-3382

RECEIVING AND SENDING SETS 898— 1918

Number.	Date.	From or To—	Subject.
300946	4-29	To East	Question of location of suitable low power tra smitter at Sub Sig Co station at Nahant-W 1st District. W 5/4 To 1st Dist-In re above-5-10
302632	4/29	Western Elec Co	Fwded copy of letter from Lt J. E. Hudson requesting instrns. with prints, c vering 1/4 KW oscillator sets - W
301675	4-30	To Marconi Co	Rqst fwd 2 vandykes copies drawings as listed--4-30
302089	5-1	To Fed Tel Co	Bu is preparing requisition for additional equipment at Point Loma--5-1 W
303426	5-1	Wireless Spec Apparatus Co	200 Watt emergency transmitters - type C - 692 - relative to insulation material to be used - reports on status of applicants with belknap, etc.

RECEIVING & SENDING SETS

Number.	Date.	From or To	Subject.
299872	4-23	TO S&A	Rest shipment to FR from Wash Radio buzzer and blinker sets- W
299901	4-23	To Phila	Radio tel. rotary spark plug- Det comment on phone conversation in re above-- W
300192	4-23	To Mechanical Appliance Co.	Fwd blueprint covering rotary spark gap motors- W
301091	4-23	Grt Lakes Faction	Distant control cabinets - Boston request Return of from Gr' Lakes. W
To 2nd Dist. Via Comdt. re distant control radio sta Newport, 11-18 om 8:30 AM to 11:30 AM To 2nd Dist. Will ship 1 steel mast 12/3			To Boston. Re the reply to Ltr. of 8/15. /W To Boston. Re distant control cabinets 7/30
300234	4-24	To Dyneto Elec Corp To Weston Elec Inst. Co.	Advise that modified spec will be for to cover compound winding on rotary spark gap motors W To Robbins & Myers Co - Ditto 4-24 Insp'r Cincinnati - Request confirmation of change in winding rotary spark gap motors. W 5/2
300669	4-25	To Bost	To Insp'r Cinclin-In re change in above-5-8 Rest 6 Vandykes and 4 blueprint copies latest alterations of drawing 23 B&F 102-5-5 Boston - Fwd drawings of hand sending key. W 5/3

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 280043		C.D 122 Weston Elec Instruments Co. - Fwds van d, ke - 5/31	Weston Co-Request take action on question of thermo ammeters. W 4-25 To Weston Elec Instr Co - W 4-30 To Weston Elec Co- 5-2 To Kilbourne & Clark- 5-7 To Weston Elec Co- RE requirements for transmitters Weston Elec Inst Co 5/8. 5-9 Weston Elec. Co. asks if it would be convenient for company's rep. to call at the bureau. W 5:13
301509	4-26	NY	Ask if desired diameters of the pins of 3 in cap unit increased. W To NY-- In re above--5-3 NY 5/25 F. Lowenstein 5:6
301954	4-19	Mara Island	Fwds booklets - description and opera- ting instructions for 1917 order No 6 covering transmitters. W
✓ 301855	4-35	Washington	Fwds copy of inspection test of 2nd station untuned amplifier - submitted by De Forest Co. W
✓ 300858	4-27	To Wireless Specialty A	Co- Asks if any progress has been made on br lk key for cutting in the receiveing circuit between dots and dashes. W
✓ 300876	4-27	To Kilbourne & Clark ME	Co- Fwds drawings of standard I K W navy panel set. W

RECEIVING & SENDING SETS.

Number.	Date.	From or To -	Subject.
298993	4/18	To Wash	Letter from Ford Inst Co. Fwds. Re testing detector. W
299537	4/18	E.J. Simon	Copy letter to NY fwding wiring diagram 5 kw sets. W
299650	4-17	Washington	Forwards prints of relay brake key and audion coupling condenser. W
296560	4/19	To SEA	Reqt shipt of transmitter from Wash to NY. W
298782	4/19	To Bost	Test of 4 special Dubilier condensers. Instrns in connection with. W
See C-2D 166 6/14 To 57-1	on condensers 6/10 (Cross to (See 2-1) done in conn with of sub- it to edit report on com's 7/30	Dubilier Condenser Co - Requests report on condensers 6/10 (Cross to (See 2-1) done in conn with of sub- it to edit report on com's 7/30	To Dubilier Cond Co - Directs submit condensers for tests. 4/19 Boston L.J. Boston - 4-26 Dubilier Condenser Co - Request results of tests. W 5/3
299957	4/20	NY	Assembling bases for 1/2, 1, 2, and 5 kw quenched gap units fwds VanDykes. W
299963	4/19	Boston	To NY - East 6 additional v.d. kes as listed - 4-25 N. Y. Vandykes fwd. 5:7 - 5:13 Request instructions rel to issue audion bulbs to ships. W To Bost - in re above - 5-1

398:RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
300151	4/18	Washn Yard	Fwds copy of summary of all inspection data on SE form 143 receivers.
299230	4/20	To NY	Description booklets of 30 KW arc radio trans. Fwds. W
✓ 300006	4/22	To Phila T	Kuhn representative W Wireless Improve Co desires visit Yard connection manuf rotary spark gaps for radio. Rec permission. W
✓ 300013	4/22	To Western Elec Co	Bulbs which are recd to manuf are for experimental work, and are not urgently needed. W
✓ 300744	4-23	Elec Control & Mfg Co	1 kw motor generator sets from Internatl Radio Tel Co - ask if satisfactory to use E.C. & M. starters. W To Elec Controller Co-Not advisable to use other starters-5-5
✓ 300760	4-22	Industrial Controller Co	Request drawings of control apparatus for radio sets. W To Industrial Controller Co-5-5

RECEIVING & SENDING SETS

Number.	Date.	From or To—	Subject.
286538			Dept-fwds copy action taken by War Dept. 3/12 To Dept 4/8 - RB 4-17 Approving recommendation Bureau to equip all troop transports with long range receivers and audion detectors. 118-771
298054	4-12	Boston Yard	Forwards prints of two-stage amplifier. W
✓ 298992	4/14	Washn Yard	Submits report ~~xxx~~ by Lieut Eaton on trip to NY- reports on conference rel to DeForest receivers.W
✓ 298993	4/16	Moore Instrument Co	Calls attention to detector design by A.G.Werther.
		299026	
299026	4/4	European Forces	Reports shipment of sample unit model RNAS type 57 C.W. transmitter.W
297588	4/16	To Firms	Fwds Vandykes of drawings listed for use in bidding on amplifiers on reqn 1841. W To Westinghouse - Fwds one print each of drawings listed re bidding Req 1841 4-24

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
299368	4-18	Atlantic Sub Flotilla	Request practice radio sets for schools at Lake and PB for training men attached to submarines. W Inspr Lake - Copy of letter to Washington request shipment of sets be expedited. 7:2
288626		CARD 120	NY - 1 kw quenched gap holder and switching mechanism - relative to misunderstanding existing between Bureau, Marconi, and Downstein, as to types. W 4-18
298986	4/18	To GE Co	Ask if can supply 125 1000 to 2500 volt DC motor generators or dynamotors for use with type B electron tubes. W GE Co- request additional information, and ask whether motor generators to be used for air or land service. 4-23
298989	4/18	To GE Co	To GE Co- no further action in re above-5-3 Elect radio officer now experimenting with Alexanderson simultaneous sending and receiving system. Will submit report. W
298990	4/18	To Wash	Requesting information concerning receiving tubes. Request of what will be used. W RE 4-25 To GE Co- need about 3,000 tubes beside those now on contract. 4-25
298992	4/18	To NY	Requesting that Expert Radio Aid Van Dyke be ordered to Wash for 1 or 2 days on temporary duty re constr of receiving apparatus. W

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 296589	4/10	To GE Co	Reqt general characteristics and other information re 2 kW continuous wave transmitter being made for Signal Corps. W GE Co—4/16
✓ 296914	4/11	Sperry Co	Can furnish thermometers duplicating those tested on ARKANSAS to operate on 80, 120, 240 volts. W
297602	4-11	Washington	Sperry receivers - forwards report on. W
✓ 296649	4/11	To Ward Leonard Co Cutter Elec & Mfg. Co	Specs RE 13A, in error. Corrects same. W Cutter Co 4-12 To Ward Leonard Co—Re satis breakers. 4/16 To Cutter Co—4/17
291719	4/12	To CO SP Vessels	Wiring diagram for 1/2 KW spark transmitters manufd by Wireless Spec Ap Co. Contr 671. Instrns re inspection of sets on vessels, etc. W To Newport—Fwds drawings. 4/18 To Phila.—Ditto 4/18 Philadelphia 5:11 Second Naval District 6:20
✓ 298008	4-12	Washington	Aluminum castings used for mounting inductances in Natl Elec Sup Co's C.N.-240 receivers - forwards results of tests. W To

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 298088	4-12	Western Elec Co	Forwards copy of letter to Naval Academy, relative to Navy type of vacuum tubes. W
296388	4/10	To S&A	Reqt shipt of induction coil from NY to Wash for test. W 876
✓ 298088	4/12	Western Elec Co	Navy type vacuum tubes-fwds copy corres
To Supt. Nav. Acc. Repts. that inquir with the Naval Academy. W		By Instr. be made & state reasons To—4/18	
6/1 To West. E. Co. Ackn. rect.		of let. W 6/1	
✓ 298081	4/12	Western Elec Co	Western Elec Co - Fwds copy of request from instructor at Navy Academy for information. W
		5-25 Confirms conversation rel to return to Navy Dept of 30 kw radio arc converter unit turned over to them in connection with developments of vacuum tubes no longer required. W	
298604	4/3	Pac Coast Supt	Automatic transmitter submits report on— consists of Kleinschmidt perforator and Brewer transmitter. W
		Fwd Belmar-4-26 RB 4-29	
297377	4/15	To Bost	Hand sending key manufd by K&C Co. Fwds with instrs re tests of W
K & C Co 6/5		To Boston, asking advice re hand sending key, 5-17	
		Boston 5:21	
		Boston - K & C hand sendin. key - Report on details. W 5-24	
298745	4-16	Dubilier Condenser Co	Request Lowenstein be authorized to sell them spark gaps. W
		To Lowenstein--A uth supply Dubilier Cond Co with gaps as they may need. 4/20	

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
291585 NY - Fwds vandykes. W 4-24		CARD 121	F. Lowenstein - states use electrolytic silver. W 4-2 NY-copy letter fwds. 4/2 Wire ltr Co-4/4 NY-Fwds plans. W 4-6 To NY--Acknowledges receipt of plans 4/12 Wireless Improve Co--quotes price. 4/12 E. J. Simon 4-17
295414	4-5	W Is T	Reconnect cable the instruction for two 20 kw. W is type transmitting sets ready for shipment. W To--(T)Directs retain stock future assign. 4/9
✓ 293868	4/5	To NY	5 KW spark gap unit submitted by GE Co. Fwds plates for test. W To N Y. re 5 k W Spark Gap units submitted by the General Elect Co. 5-17 N Y recommends secured additional castings for test of spark gap unite. 5:19 NY 5:23
294803	4/5	To Norf	Drawings of quenched spark gap units. Fwds Vandykes. W
295112	4/5	To S&A To Miss Boston. Will reply later 10/2 Fwd. Wash. 10/6 back 10/6 Boston-Rec action 10:25 Fwd Bost 11-1	Reqt shipt of radio trans set from Wash. to Bost for Radio Lab. W Received back 9:20 7-2 Boston - 9:24 Reqt shipt of radio trans set from Wash. to Phila for Radio Lab. W To Phila. Asks if rec'd. apparent rec'd. 6/22
295113	4/5	To S&A Phila- Material rec. yellow copy Fwd 9:26 W 10:3	
295673	4/4	NY	Receiver type CN 240 reports on defects in. W

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.	
✓ 295867	4-5	Washington	EW-3 received, submitted by Mignon Wireless Corporation - reports on test. W To Mignon Wireless Corp--Submits report. 4/12 To--Directs return receiver. 4/12	
376	4-3	De Forest Co	Replies to criticism of long wave receivers from De Forest Co	629
296366	4/8	NY	Spark gap holes-fwds print.	
✓ 294944	4/8	To Sperry Co	Ask approximate delivery dates of SE 1012 receivers manufacturing for Navy Dept. W	
295155	4/2	NY	Fwds radio drawings covering report of test on Sperry short wave transmitter on the Arkansas.	121-6
✓ 296654	4/9	Washn Yd	Vacuum tubes submitted by the Moorhead Laboratories-fwds preliminary test. W To Moorhead Lab - report on seven vacuum tubes tested- comments 4-24	
✓ 296799	4/8	Signal Corp	To Nav Intell-fwds report 4-26 Copy letter to the Natl Elec Sup Co giving them order for receiving sets. W	
✓ 295900	4/9	To Wireless Spec Ap Co	Reqd blueprints of drawing showing 1/4 KW spark transmitters be fwded. W	Emergency
295116	4:5	Shipment Order Fwd	Received back 8:27	

RECEIVING & SENDING SETS.

Number.	Date.	From or To--	Subject.
✓ 293072	3/29	To Splitdorf Elec Co	Ammeters. Instrns re future supply of, including characteristics, etc. W To De Forest Co--Directs use zero left instrument on all future contracts. 3/29
292952	3/29	Phone NY	1 or 2 KW set to work on 126 meters and two other short wave lengths. Re status of work on. W
✓ 292953	3/29	Phone Wireless Spec Ad Co	Emergency radio transmitters 1/4 KW. Electrode C can use studs that are slotted. Can ship all such inserts already manufd. W Wireless Spec Co-W 4-2
✓ 294207	3/30 To Phila 4/18 Phila 4-27 To Phila 6-8 Phila. Fwds blue prints 6:21	Lowenstein	Asks if small washers could take place of large gaskets under plans of rotary gap motor. To 4/6 To Phila--Comments on. 4/6
294233	3/29	RE	Pliotrons contract 1030 and 1165 reqt that quoted patent clause be included in. To Fwds copy of letter to S&A. 4/3 To S&A--Reqt for amendment of contr. 4/3
294356	3/27	Washn Yard	Fwds miscellaneous print short wave receiver. W
✓ 294357	4/1	F Lowenstein	121 10 kw rotary spark gap developed at Phila Yd - asks if is approved - reqt prints. W
✓ 294360	4/1	F Lowenstein	5-kw rotary gaps reqt apprvl of set of spare parts. W F. Lowenstein--Request action on letter of April 1st. 4-15 To--Lists of spares in accord with specs. 4/22

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
294632	3-29	Puget Sound	Test buzzer circuits for radio receivers - recommends against using telephone jacks to operate. W Fwd Wash-4/5
293990	3-20	NY	Reqs permission to install new method of arc sending control replacing absorption circuit method
294112	4/3 Boston	To Boat no date	Mounting of duplicate relay keys for 5 and 10 KW spark transmitters. Directs furnish drawing covering W Boat-Switch panel - fws vandyke W 4.13 To -- Reqs that modifications be included in Drawing RP 2022 110, unless N.I. disagrees 4-24
294116	4/2	To Yards Fleets	Instrns for installation, care and operation of transmitters. Fws. W
294493	4/3	To NY	Drawings of 1 and 2 KW combined quenched gap and condenser mounting. Reqt Vandyke. W NY--fws print. 4/12
294495	4/3	To Yards Fleets	Description booklet of 5 KW arc radio trans- mitter. Fws. W Ports--reqt. sheet six. 4/9 To Ports--4/17
293868	6-7	See Card 146	

RECEIVING & SENDING SETS.

1612

Number.	Date.	From or To--	Subject.
291478	3/22	To F. Lowenstein	Fwds photostat prints of pages from English publication re type of hand break key system. W
			To S&A--Reqt shipt of amplifiers from Wash to 3rd Dist for Bush Terminal Station. 4/5 To--Gives action. 4/5 3rd District material received 5:15
			To--Ackn-wledges. 3/27
292204	3/22	Washn Yard	Fwds miscellaneous simultaneously recd.
292482	3/23	Phila See CARD 153	Radio transmitter Sperry emergency type submits comments and recommendations after testing. W Sperry Co Asks about transfer switch W To S perry Co--Fwds report. 3/27 6:22 To NY--Reqt further report. n sets 3/27 To NY--st design of switch be hurried. 5-4
292059	3/25	To Marconi Co Marconi Co-fwds Vandykes. 4/8	Reqt drawings showing wiring diagrams for radio transmitter. W NY--Fwds rep rt. 4/3
292869	3/26	Washn Yard	Fwds miscellaneous prints of short wave receivers. W
292462		SEE CARD 155	

898:RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
293156	3/27	Inspr Standard Fwd Insp Standard—4/8 RB 4-11	States has found hand starting panel in Jersey City asks disposition to be made of: ✓To Wireless Marconi Tele Co—Reqd disposition of 3/30 Marconi Co—ask present location of box. W 4-2
293240	3-28	F. Lowenstein	Recommends more holes be made in part 4A of spark gaps. W To Comments on. 4/3 To Phila—4/3 To—Directs make detail 32 of white horn fibre. 4/19 Phila 4-22
293356	3-27	NY	Relative to operation of audion bulbs of 125 meter wave length. W To Wash—4/1 Washn Yard— ~~submit~~ submits report on defects in receivers. 4/22
290043		CARD 118 To Weston Elec Inst Co—4/20 Weston Co—S. if desire assign new type number covering thermometers. W 4-24	NY—Fwd vandykes of two insulators. W 3-28 (Cross - 911) Weston Co 4-15 RAC Co—fwd prints. 4/15 Marconi Co—Returns miscellaneous prints. 4/18 Defects in receivers—gives specific source of trouble. Fwd Wash—4/3 To Nat'l Elec Sup Co—Submits report. 4/3
2934503	3/27	NY	
293690	3/27	Washn	DeForest type CF-753 receivers—submits report on. W FWD S&A—5-8
288759		CARD 117	Roller Smith Co—Submits dates can ship. W 3-29. To Wireless Spec Ap Co—Submits Roller Smith Co schedule for delivery of instruments. 4/4

1918

Number.	Date.	From or To--	Subject.
29014	3/16	Wireless Spec Company	1/4 kw sets - forward prints. W
290478	3/11	Washn. Yd	Fwds report on test of GE Co grid leak resistance for receiving vacuum tubes. W To GE Co--Detailed comments on 3/22 GE Co--Request authority to substitute brass for nickel plating in order to make soldering easier. 3/30 To GE Co--4/4 GE Co--Comments on report. W 4-5 GE Co 4-20 To GE Co--Suggestion--Fwds drawing--4-23 To GE Co--4-29
289565	3/18	To Wash	Test of vacuum tubes submitted by Moorehead Lab. Directs test and submit comparative report on. W To Moorehead Laboratories--Tubes sent to Wash for comparative tests. 3/18 To Wash--Directs test tubes. 3/27 Moorehead Lab--quoted prices. W 3-28 Fwd Wash--4/2
290502	3/19	To De Forest Co	Re corres in connection with obtaining drawings of amplifiers. Directs proceed with manuf of at once. W
290762	3/20	E. J. Simon T	Reports on shipment of airplane transmissions. W (Crate) to 918 To--(T)ask when are going to begin delivery of transmitters. 3/20
291055	3/19	DeForest Co	4 type AGT radio receivers--reports shipment of. W To S&A--3/21 To--3/21

898:RECEIVING AND SENDING SETS.

Number.	Date.	From or To--	Subject.
291047	3/8	NY Marconi radio receiver NY	for chaser No.1 delivery to radio lab-asks disposition to be made of.W To NY-3/22
290699 NY-4/6	3/26	To NY	Navy type quenched gap units. Ask if drawings are available for wrench for use in tightening bolt. W NY-Navy type quenched gap units-fwds vandykes.4/1 To NY-Gives action.4/3
290775	3/20	To Marconi Co	Reqt quotation on spares listed for 5 KW trans- mitters for delivery to NY. W To-4/2 Marconi Co 4-9
155		To Firms--Instrns re making silver sparking surfaces for spark gaps. 4/1	
		Liberty Elec Corpn-Have ~~XXXXXXXXXX~~ provided electrolytic silver in lieu of coin silver.W 4-2	
282905		To F. Lowenstein--Instrns re making silver sparking surfaces. SEE CARD 116 Marconi Co--relative to use of over- size switches on switchboards.	To NY-3/23 NY--States specns spark gap matl on navy drawings are in error as to silver sparking To Crocker Wheeler Co--Directs supply a 1 KW motor generator to Marconi Co.3/21 To Marconi Co--Gives action as above.3/21 To NY--Reqt further comments.3/25 Crocker Wheeler Co-shipment will be made next few days. To NY-3/30
290768	3/21	To Wash	Development and manuf of 12 - 1 KW relay brake keys. Directs undertake. W
290767	3/21	To Marconi Co	Ask if are supplying SE 143 receivers or CM 294 receivers on contr 31415. W Marconi Co-Gives type of receivers being built under contract 31415.W 3-30

CARD 124
3/29

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
287131	3/8	To Sims T	Plans British radio break key not received.
		To (T) Sims—Your 6719 no additional info needed—4-28	Directs expedite W Sims—T data on break keys. W To—(T) sk if British plans radio break key being fwded. 4/16 Sims—No. 6719—11 6731 submits addtl info. W-4/20
287721	3-7	NY	1 kw spark gap plans - forwards prints. W
287837	3-6	NY	Spark gaps - forwards additional plans. W
33014	3-5	NY	Standard relay key used on 5 K W sets; states not satisfactory. 629.
287224	3-8	NY	Spark gaps - one, two and five kw - forwards prints. W
288151	3-4	NY	Rep. by Lowenstein tubular quenched spark gap - reports on performance of. W
		presents difficulty that can be overcome only with considerable work. 3/29	To NY—Fwds copy of above letter and reqts for re operation of gaps under accept tests. 3/13
		To Norfolk—In re shipment of defect- gap to NY—4-25	NY-states design of 10 kw self cooled gap (gaps be undertaken at NY 5:18)
288152	3-7	In re above—4-25 Ingersoll Company	recommends that Liberty Electric Company's E12 on radio transmitters be accepted. W
287528	3/11	To GE Co	Fwds prints of drawing showing spark gap unit for self cooled quenched spark gap. W GE Co - acknowledgment. W 3-15

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.	
286622	3-5	IS	1/2 low wave transmitters manufactured by L&O - Factory of Inst. n	
288625	3/10	NY	Spark gap holder and condenser light compound in draft.	
	To NY—4/8		To—3/23	
	To NY—Instrns—4/13		NY—States spark gap holder condenser rack is copied from the Lowenstein rack in every de- tail. W 3-30	
288940	3/12	Wireless Improv Co	Offers their facilities for development. W	CARD 126
	To—Does not encourage new designs—4/19		Wireless Improv Co - Ask with whom should commu- nicate with in Bureau. W 4-26	
W/I Co		Wireless Improvement Co. repts	designs of apparatus in order to sub bid. W 5:23	
8/10		Co be furn. with various radio Co.	Test of 2 KW Wireless Spec Ap Co radio trans- sets. Directs ship tests without relay key. Key can be mailed later. W	
288742	3/14	To Bost		
288993	3/14	To Signal Corps	Exchange of 27 long wave receivers. Instrns re manner to handle with Nat'l Elec Sup Co. W	
289700	3-14	Henry Hirschfeld Co	To ask extent of work to develop long wave receiver.	
			To—Date satis. 3/20	
289608	3-14	H. S. L. L.	Has ability with maintenance, and with building radio sets.	
290068	3/13	Manhattan Elec Sup Co	hand radio keys have reqd from Wireless Improvement Co to quote on 50—ask if their number 84 will be approved. W	
	To—4/1	Manhattan Elec S Co—5/10—	To—3/20	
		submits plans showing assembly of hand radio key.	To Wireless Improve Co—Comments on test of key. 3/20	

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 285604	3-1	Perry & Sons Perry & Sons—Have forwarded 2 sets to radio test shop. W 4-16 Fwd Wash—4-30	Forwards photograph of their improved Radio Blinker signal set. W To Wash—Ask if price quoted is reasonable. 3/7 To—Directs fwd samples to Wash. 3/7
		void 286239	3/1 Marconi Co
✓ 286239	3/1	Marconi Co	Reports on Dubilier condensers in connection with testing 10 kw sets. W To—Comments on. 3/6
285598	3/1	Eaton T	Asks who recd award for 300 two stage amplifiers - W To—(T) Award rec to De Forest and GE Co. 3/2 Can not deliver telegram - address Eaton " 3-5
285228	3/2	To Marconi Co To Films Marconi Co. states navy gap units should be included in contracts quoted. 3/25	Fwds Vandykes for use in manuf of spark gap units on contrs for radio sets. W To Wireless Spec Ap Co—Marconi Co. Fwds amendment sheet to Vandykes. 3/4 To Marconi Co—3/21
285738	3/2 Re NY—3/20	To NY Re NY—3/20 Spec. for radio sets	Manufacturing instrns for 5 KW quenched gap transmitters. When award is made, directs fwd revised instrns to company receiving award. W To—Ditt— for 2 KW sets. 3/4 To NY—Comments on. 3/14 NY—3/15
✓ 285745	3-2	Sperry Co	NY Forwards detailed specifications for wave receiver. W

RECEIVING AND SENDING SETS. 898

Number.	Date	From or To	Subject
286564	3-2	NY	Wireless Spec App Co— ~~Gap~~ Gap hole adapted for use standard 1/2 kw transmitters states mfg transmitters under way—held up unless prompt decision rendered. 3/30
286593	3-4	NY	1/2 KW spark gaps. L NY fws print. 4-20 To Wireless Spec Ap Co—Fws blueprint proposed holder and switching mechanism and asks if can incorporate in sets being manufd. 3/15 To E. J. Simon—Ditto. 3/15 One kw self-cooled quenched spark gap - forwards plans. W To—Fws Vandykes with comments. 3/9
284508	2-28	Yards Fleets.	Description booklet of Navy Crystal detector. fws. W. 876.
286356	3-5	Phila	Request store be taken to maintain stock of oxide filament bulbs at Best Yd. W Fwd Wash—3/12 RB 3-23 Fwd Phila—4/5
285768	3/5	To Yards Fleets	Description booklets of radio transmitters. fws. W Ports—Gives resistance. W 3-12 To Ports—3/20
285767	3/5	To Wash	Fault in long wave receiver, type CH 240. Short circuit between the tickler coil and the secondary coil between position 1 and 2. Washn—states w/ deliveries from Natl Elec Sup Co show faults in long wave receiver. W
286042	3/6	To Best	5 KW relay key. Re making conform to latest revision of blueprint. Instrns. W Best—fws drawings. W
286701	3/8	To K&C Co	Reqt fwd set of film negatives showing 1/2 KW radio transmitter, and set of films showing type CE 606. W K&C Co—Film negatives were forwarded 3-23. W 3-26

RECEIVED AND SENDING STOS.

Number.	Date.	From or To—	Subject.
284738	2-26	Atl Mine Force By ~~gap delivered to USS SAN~~ P.A. Cited 3/1 - 2/2 To NY 3/6 NY States spark gap was issued USS SAN FRAN. (Cross-SAN FRAN 6) 3-25 2/23 Washn	Request NY ship spark gaps. W To NY—Auth. 2/28 To—(T)NY auth to issue. 2/28 two step amplifiers—fwds print. W
284783	2/23		
284975	2/26	C.I. Hall	Request radio expert be sent Fort Wayne immediately to approve amplifier. W
285056	2-26	Century Telephone Co	Instruction set buzzer - requests ~~recom.~~ To—Have sufficient number at present. 3/4
284916	2/25	Belmar	Special rep rt on advantages of high pitch telephone receivers - comparison between Brown and Bellwin types
✓ To Century Tele Constr Co—Fwds copy of report, and directs investigate. 3/2			
To Wash—Fwds corres. 4/2			
N-#3322	2-26	Marconi Co.	Ask if necessary to submit samples of 1/2 kw gaps soldered by their process, as the 42 KW gaps already furnished have given satisfactory service. W. 629.
285071	2/28	Towash	Specs for 1/4 Kw port field transmitters. Fwds. W
285123	2/28	To Marconi Co	Returns memorandum left by Mr. Sarnoff. W
285125	2/28	To Boston T	Directs expedite test and ship 2 KW trans. W

RECEIVING AND SENDING SHEET. 898

Number.	Date.	From or To—	Subject.	
280043		CARD 117 To E. Lowenstein, Fwds drawings. 3/19 NY-Fwds insulator prints. W 3-24 To Weston Elec Inst Co—3/23 E. J. Simon asks when complete & correct vandykes may be expected. 3/27 Western Co—Submits report of status. 3-28	E. Lowenstein-request bureau enter his drawing numbers against list of bureau's drawing list. W E. Lowenstein - forwards vandykes. W 2-28 E. Lowenstein - forwards vandykes. W 3-5 E. Lowenstein - Requests certain plans. W 3-8 To NY—3/18 To NY—Reqt Vandykes. 3/19 Quenched spark gap—asks numbers of boats and washers required for securing plates. W To—Gives action. 3/8	
285571	2-20	NY		CARD 122
285478	2/28	Washn	Short wave receivers—fws plans. W	
285640	2/26	Washn		
285089	3/1	To Westinghouse E&M Co To Firms	Boston - E. J. Simon 3/18 W 3-27 Phila—fws 26 vandykes. 3/4 To E. J. Simon—4/5 To Marconi Co—Fws blueprints. 4/9 Wireless specialty long wave receiver—reports on test. To Wireless Spec Ap Co—Submits report of test. 6/5 Fws blueprints to use in preparing costs for receivers. W	
285327	2/27	Marconi Co	Request authority to use brass in lieu of bronze on 5 kw spark gaps. To—Gives action on. 3/5	
285901	29	NY	Spark gaps - forwards vandykes. W	

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 283864	2/21	Wireless Spec Co	Request prints referred to in general specifications for radio receiving equipment. W To—Fwds prints. 2/26
✓ 283895	2/21	Clapp Eastham Co	Fwds sample of high pitch practice radio buzzer. W To Wash—Directa test buzzer. 2/26
✓ 284171	2/21 2/23	Ensign E. A. Gisburne Bost	Fwds scheme for an amplified radio receiver. W To Dist Com Supt Bost—Acknowledges. 2/26
✓ 284198	2/22	G. H. Clark	States Western Elec type of telephone receivers superior to C. G. type. W Fwd Wash. 2/26 - RB-3-8
✓ 284199	2/22	G. H. Clark	Suggested improvements in long wave receiver. W Fwd Wash. 2/26
✓ 283716	2/25	To Wireless Spec Ap Co	Ask if can make delivery of 8 sets of auxiliary transmitters by March 16th. W Wireless Spec Co - will report delivery requested E. Ireland. W W W
280043	2/27	W. D. 116 To K&C Co. - forwards drawings. W 2-27	K&C Co - asks if same type of transmitter will apply to 4 kv set. W 2-21 K&C Co - forwards 1116. W 2-21
124358	2/26	To F. Lowenstein - 2/28 C&D 116 To Sperry Co. T	C. G. Co - (T) Dickinson's letter stated plant shut down on acct of fuel order - request assistance. 2/26 W W W Ask for estimated dates delivery 20 short wave transmitters. W

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.	
282759	2/19	To Wireless Spec Ap Co	Ask probable date of delivery of auxiliary radio trans sets developed for use on destroyers, W	CARD 122
30808	2-19	To Yards.	To R. Roller Smith Co—Regt infer re ship instrns for care and operation of Simpson panel type transmitters. Fwds. W.	
283073	2/16	Ports H	Relay key Marconi type—defective—fwd sample. W	
282761	2/20	To F. Lowenstein Circular to firms	Spark transmitters similar to those on reqns 1358 and 1361 undergoing test at Wash where same can be witnessed. W To Wireless Spec Ap Co—Ditto. 2/20	
283503	2/20	Lowenstein To Phila—Directs complete drawings at once. 3/18	Asks if 10 kw rotary gap is approved by Bureau. W To — Motor 1000 watts capacity re	
283567	2-21	Marconi Co	To — Comments on prelim tests. 2/27 Lowenstein—Asks if 10 kw rotary gap has been tested and approved. W 2-26	quired 4-24
283627	2-20	NY	Tubes delivered by G E were 24 in lieu of 12 volt. Best delivery promised Feb 28. W	
			Receivers supplied by the Nat'l Elec Co. under contract #208735 - reports on defects. W - Fwd Wash 2/26 Fwd NY 4/3 RE 4-11	

RECEIVING & SENDING SETS.

Number.	To	From or To	Subject.
	To K&G Co—	(T) 2/25	Boston-radio panel drawings-fwds-2/19
	To Firms—	Fwds blueprints. 2/21	(Cross to switchboards)
280043	2/9	To Wireless Elec Ap Co	Fwds blueprints of drawings as listed for
		CIRCULAR LETTER.	use in preparation of bids for spark trans-
	Weston Elec Inst Co—	2/15	mitters. W
	To Wash—	Rest fwd Vandykes of spark	To F. Lowenstein—Ditto. 2/9
	transmitters.	2/16	To Marconi Co—2/9
	To Yards—	Ditto. 2/16	To Firms—Ditto. 2/11 To Phila. 2/11
	To Firms—	Ditto. 2/19	To Yards—Ditto. 2/11
	To Marconi Co—	Fwds. 2/20	To Wireless Improve Co—Fwds prints. 2/13
280794	2-9	NY	To Firms—Fwds prints. 2/14
			K&C-T-States received schedule 2154 1/2 only. W 2220
			Copy of letter, spark gap drawings, to
			Marconi Company. S
280841	2-9	EJ Simon	Requests their design of 1-KW transmitters
			be considered in connection with bids opened
			Feb. 20. W.
281176	2/8	Washn Yard	E. J. Simon - gives additional information
			relative to standardization of assignment
			of one kw transmitter design. 2/16. W
			Fwds copy of letter sent Natl Elec Sup Co—
			describing changes necessary in receiver
			in order to insure rapid production.
281311	2-11	NY	2-KW self-cooled quenched gap unit. W.
281795	2/13	Internatl Sig Co	1 kw set Simons design-asks if Bu can
			furnish wiring information. W
			To—2/16
281361	2/14	To Wash	Rest Vandykes and info re install wiring up and
		Boston Yard-fwds prints. 3/21	operation of Navy standard receivers. W
			Boston-wards Vandykes. W 3-5

CARD 117

696-RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 281829	2/14	Manhattan Elec Sup Co	Auxiliary radio hand key-states is fitted with 188. W
✓ 282060	2/16	To Firma	Fwds blueprints, manufacturing instrns for use in preparation of bids for 6 K.W. spark trans. W
282797	2-16	Boston.	Relay key: fwds. drawing. W.
✓ 282181	2/18	To Wireless Spec Ap Co	4" Instruments from Roller Smith Co for use with emergency transmitters. Reqt information re progress of work on transmitters. 2/18. W Wireless Specialty Apparatus Co-2/20 3 times. 3/14 NY--states have fwded spark gap drwa to Marconi Marconi 1 kw navy spare panel set-submits report on test of. W To--Comments on. 2/21 To Marconi Co--Submits report of test in detail. 2/21 Marconi Co-3-1 -- 1 kw panel set-supplementary report. W Self-cooled quenched spark gap. 1/2 kw - forwards plans. W
282906	2/17	NY To Marconi Co--Fwds copy of further report of test. Reqt comment. 3/6 Marconi Co-3/8 Z-11--Marconi Co--have not kept all the data for the order for the test set. Reqt. W	CARD 121
282804	2-18	NY	
282471	2/19	To NY	Transmitting keys fwded by Naval Attaché, London. Not received at NY. No record of. W
282475	2/19	To Phila	Rotary spark gap/s being manufd on job orders 26680 and 26678. Gives drawing which should be in accord with. W

RECEIVING & SENDING SETS.

Number.	Date.	From or To--	Subject.
✓ 278605	2/4	To Wireless Improve Co	Fwds copy of specs to be used in manuf of receivers. W
279034	---	East	Flame proof hand keys - fwds prints - W
✓ 279160	2-4	Phila	5 kw radio spark gap: fwds vandykes-W
✓ 279501	2/2	Western Elec Co	Fwds copy of letter S&A stating impossible to estimate cost for audion control boxes until their first model is completed. W
✓ 279512	2/6	Coggin T	✓ 1000 type G vacuum receiving tubes ready for shipment. W ✓ To Nat'l Lamp Wks--(T)Directs shipt to Wash. 2/8
✓ 279714	1-25	Dr L W Austin	Tuned telephone circuit in use with oscillating audion, reports on. W
279589	2/7	To Firms	Proposal for bids on 200 spark transmitters in accordance with blueprints fwded will soon be fwded. W
279590	2/7	To Firms	Ditto. W To Liberty Elec Corp--Ditto. 2/8 Liberty Elec. Corp. reports receipt of prints. W.

4-2342

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
276651	1/22	Bost Yd	Silicon -Antimony detector - fwds print To Wash—Acknowledges.1/30
276735	1/28	To Dyneto Elec Corp	Are auth shipt from Phila of rotary gap assembly to expedite development of a rotary spark gap motor.W To Phila—Directs ship.1/28 Phila—Will not approximate 30 condensers by Aug. let—7:22 Phila—7:22 6/27
277026	1-25	Bost	2 kw auxiliary hand keys: fwds prints.W To Bost—Appvs change in design. 1/30 Boston 2-9 fwds. plans.
276964	1-24	Dept Commerce	Fwds copy of letter from L. C. Bensten, calling attention to amplifying radio wave regenerator.W To—Acknowledges.1/30 To E. C. Densten—Will test amplifier at Wash. 1/30 E. C. Densten 2-5
276978	1-25	GE Co	Requisition 326, 1,000 receiving pilotrons; states have given instructions to bill at \$4 each.W To—Acknowledges.1/31 To Wash—Fwds copy of letter from company.1/31
277544	1/28	NY	1/2 KW spark gap unit - fwds print - W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To--	Subject.
✓276604	1-24 1-29	Dept Commerce Communications	Fwds copy of letter from E. C. Denstein, relative to amplifying radio wave regen- erator W
✓276827	1-24	Mount Vernon Co	Special adapter for bulbs; have received plans; will quote price.W
✓277746	1-39	T. N. Moore	Listening apparatus invented by A. T. Turney calls attention to. Request be given au- thority to operate his laboratory for test.W To Signal Corps--Fwds above letter.2/1
277735	1-28	Post	Standard key contacts - fwds prints. W Re motor for rotary spark gap.7/29
277793	1-28	Wash	Radio receiver, type SE 952; recommends changes in.W
✓278244	2/2	To Sperry Co	Fwds copy of specns RE 13A 242B. W
✓278369	2/2	To Phila T	Reqt five sets Vandykes drawing EL 32P 117B. W
278843	2-2	NY	Spark gap gaskets; fwds prints.W To Appys with changes as listed.2/12 To--2/16

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RECEIVING AND SENDING SETS.

Number.	Date.	From or To--	Subject.	
275415	1-18	NY	Quenched spark gap unit; fwds plans. W	
275820	1-17 1-22	New Orleans SEA	Request 200 silver chloride cells for receiving sets for stock. W To SEA--R eqt shipt of silver chloride cells from Wash to New Orl for stock. 1/26	
276057	1/24	To Mignon Wireless Corp	Reqt fwd radio test shop at Wash for test and recommendation one or type RW 3 radio receiving cabinets. W	
275165	1/22	To ~~Sec~~ War Sec SIG	Requesting transfer of funds to purchase radio transmitters. W War Dept-States buzzer transmitters are ready-cost \$420 W 1-26	
275278	1/22	To NY	Standard quenched spark gaps. Auth proceed with manuf of. with any modifications as may be necessary. W	
275505	1/22	To NY	Reqt for Vandynes of instrn booklet for Navy 5 kw radio set. W NY - fwds booklet drawings. W 2-27	
23356	1/21	Boston Yd	Fwds report on test of 1/2 kw radio transmitters. W	529
274116	1/25	To <u>GE Co</u>	Fwds prints as listed of coils on 5 KW quenched spark transmitters. W	

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To--	Subject.
276418	1/25	To Sims T	Can supply 600 Type CAV loadphones per week. These are superior to Baldwin phones. W Sims copy 21027 500 best type receivers for K tube compensators urgently needed 1-27
276294	1/25	To Yards Firms To P. Lowenstein 3/14	Manufacturing instrns for 1/2 1,2,5 and 10 KV spark transmitters. Reqt any information which will assist in compiling. 1/25 Lowenstein-Recommend changes in drawings. W 3-4 Phila - Spark gaps - suggestions for change in manufacturing instructions - forwards prints. W 3-8 Composition of specs for non-synchronous rotary spark gaps. W Phila 2-6 To Phila - Reqt complete specs for gap and infr - recommended specifications. W 5-15
275774	1/23	To Phila To Phila - Ask progress. 3/22 Phila-specs fwded Mar. 19th. 3/25 To Phila - Reqt recommendations. 3/26 4/20 To Phila - Non synchronous spark gaps on hand changed in specs.	
276307	1-27	NY	Fwd copy of letter addressed to 3 firms, forwarding standard type self-cooled quenched gap vandykes of standard cooled gaps. W
276305	1-23	NY	Navy standard quenched gap units: fwd drawings. W To 2/15
276704	1-25	N Y	One, two and five kw self-cooled gaps - fwd vandykes. R To - Appvs drawings. 1/31
276492	1/26	To CORSAIR USS CORSAIR-3/8 To Sims - Directs have vessels watch for sound. 4/5	Information re qtd re low grumbling sound in radio receivers on. W

RECEIVING & SENDING SETS.

Number.	Date.	From or To--	Subject.
✓ 274020	1/16	To Wash	Faults observed in receivers passed by Wash Yard. Instrns re not passing receivers with short circuits. W To--Instrns re inspection. 1/17
✓ 274447	1-15	Wireless Spac App Co	Navy detector; fws vandyces W
✓ 274016	1/17	To Wash	Design of Audion control boxes. Instrns re adapting vacuum tube sockets to base. W To--Lists feature to show. 1/23
✓ 274018	1/17	To Wash	Standardization of vacuum tube bases. Instrns re future reqns calling for. W
274019	1/17	To Wash	Design of amplifier. Directs recommend most satisfactory on completion of tests. W Wash gives list of amplifiers submitted and reports on test of 1-26
✓ 274145	1/17	To <u>GE Co</u>	To Wash--Reqt Expert Radio Aid vist Ft Wayne Feb 28th. 2/20 Inspection of visual receiving sets by Lt. Comdr Sweet. Reqt all information available in connection with sets. W GE Co--2/15--fws outline of specs. 2/15
274638	1-17	Wash	Crystal cup; fws prints. W
274637	1-17	Wash	Audion bulb receptacle; fws prints. W
274520	1/18	To S&A	Reqt shipt of receivers from Wash to Pug Sq for Chasirs. W
✓ 274116	1/31	To <u>GE Co</u>	Complete drawings of coils on 5 KW Navy type quenched spark transmitters fwsd Jan 25th. W GE - 2/15 - W GE Co-Reqst place ord. 6;20 To--Comments on. 2/19

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To—	Subject.
274521	1/18	To S&A	Reqt shift of receivers from Wash to M.Is. for chasers. W
274522	1/18	To S&A	Reqt shift of receivers from Wash to Tug Sd for Chasers. W
274523	1/18	To S&A	Ditto from Wash to M.Is. W
274525	1/18	To Wash	Buzzer instrn sets. Reqt Vandykes as listed W Wash 2-5
274552	1-18	Dr L W Austin	Reports on comparison of Western Elec J bulbs with GE Co G bulbs. W Fwd G.H. Clark. 1/21
275470	1-21	Mare Island T	State no satisfaction self cooled amp develop. Request authority to use as per plans mentioned. W To—(T) Grants auth. 1/22 M Is - 2/5 - W
~~275273~~ 275217	1-18	De Forest Co To—Fwds report. 3/11	Fwds sample socket of plunger type in con- nection with type J bulb. W Washn Yard-submits report on DeForest 4 prong audion socket. 3/5. W
275399	1/21	To FY T	Auth loan of type CN 113 receiver to Wireless In. movement Co. W NY - T - Fwd by express 1-23 - W

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RECEIVING AND SENDING SETS.

Number.	Date.	From or To--	Subject.
273139	1-7	Kalmus, Comstock, Westcott	Silicon carbide crystals for radio signalling; fwds experiments and description.W To Wash--Fwds for test.1/14 To--Fwds to Wash for test.1/26 Insp'r Westinghouse-request action-W-1-26
273223	1-10	Atl Flt	New Navy radio receiver; fwds reports on operation of from various ships.W Fwd Wash-1/23 RB 1-29
273532	1-12	NY	1/2 kw gap,holder type; fwds vandykes.W
273418	1/10	Marconi Co	Design of non-synchronous spark gap- asks if any action has been taken. To--Comments on.1/22 Co 1-26
273555	5/4	Citizens Telephone Co	Fwdsdrawing of radio receiving station.W To Admiral S mith--Comments on.1/23
273579	1/12	Norrf	Single ?? carborundum detector-req't BU develop.W To Wash--Submits above recommendation.1/17 To Norrf--1/17
273805	1-10	Phila	Confirms telephone conversation relative to long wave radio receivers for HOPKINS class vessels.W

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To—	Subject.
272818	1/12	To E. J. Simon	Acknowledges receipt of drawings of flame proof key with sample. Disappvs use of with reasons for so doing. W. To—1/14
273072	1/12	To Manhattan Elec Sup Co	Will purchase 25 instrn sets similar to those on reqn 76/1918. Drawings will be fwded in few days. W To—1-18 To—Directs proceed with work at once. 1/24
272372	1/14	To Yards	Errata sheets to specs for radio transmitters. Fwds as listed. W Phila-reqt 2 copies of errata sheets. 2/23
274101	1/14	Weston Elec Co	Amplifiers—states have use of Fessenden oscillators on board destroyers and submarines—fwdes description and prints. W
273723	1/15 Feb 1st. 1/18	N. Baldwin - reports on rate of delivery of phones - 1/22/ To N. Baldwin T N. Baldwin—States can head phones. W Deliver 150 phones weekly after Feb 1st 1-22	Best weekly report of rate of delivery on Baldwin Baldwin (T) can deliver 150 to 200 head phones weekly after Feb 1st 1-17 To Sims—(T) Can deliver 150 sets weekly starting Relative to developing new type receiving set
273819	1/10 1/15	GE Co To GE Co	Airplane transmitters. Detailed comments and instrns in connection with development of. W
274369	1-16	GE Co - 1/25 - W To—Detailed comments. 1/29 GE Co fwdes copy of correspondence with the Radio Division 2-1 atl Flt	GE Co gives data requested 1-18 below Submits report on various vessels on standardization of quenched gap holders. W
273819	see above		GE Co—gives understanding. 1/31. To GE Co—Reqt have representative visit Bu. 2/8 GE - 1/15 - 1

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RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
272469	1/8	F. Lowenstein	two kw radio transmitters—suggests changes in. W
272673	1/8	Wireless Spec A Co	Navy detector type SE 133A fws Vandykes. W To Wash—Fws booklets of prints. 1/31 To—Acknowledges. 1/31
272539	1-7	Wash	Crystal cup for type CN 113 field type receivers; fws drawing. W To—Assigns type number. 1/11
272547	1-8	Marconi Co	Request proposal form covering 3 10 kw Lowenstein relay keys delivered at NY. W To—1/11
272405	1/9	To GE Co T	Directs ship watershed phone set to SE by express. W To—1/17
272864	1/9	Wash	US standard plugs, bulbs, etc—fws Vandykes. W To—1/18
273005	1/10	NY	Key knobs - fws drawing showing new type and request authority to purchase—gives reasons. W To—Appvs drawing. 1/24 To Post—Drawing appvd. 1/24
272994	1/9	NY	Receivers for merchant ships—fws photo showing one constructed by John Firth—reqt authority to issue proprietary reqn for 25 sets. W To—Appvs purchase. 1/15

898:RECEIVING AND SENDING SETS.

Number.	Date.	From or To--	Subject.
273027	1/10	NY	Moulded composition key knob-fwds print. ~~To Post--Appvd. 1/24~~ To NY--Print appvd. 1/24
218531	SEE CARD 80		To Phila--Directs prepare prints for spark gap. 1/10 Phila fwds prints 1-30
272519	1/10	To Firms	Proposal for bids on Rotary spark gaps. Reqt prepare bids in advance of receipt of formal order. W
272815	1/11	To Wash	Test of Lenzite crystals. Fwds sample for tests. W Wash. Yd--Fwds report of test on Lenzite crystals. 3/2 ✓ To Lenzite Crystal Corp--Submits report. 3/11
272915	1-3	Lenzite Crystal Corp	Fwds sample of crystal detector for test. W
273132	1-10	Sperry Co.	1-2 kw quenched gap unit; request drawings for use on emergency transmitters which they are now designing. W Co 1-18 To--1/22

1918

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
269900	12/29	To Wash	Test of amplifier of type used by Signal Corps. Directs test device. W
270182	12/31	To Marconi Co To Wireless Spec Ap Co To Post—Re standardizing for relay key 1/24 Post—Fwds prints 1/23	Gives description of relay key will adopt as standard for 5 kw radio sets. W To Post—1/2 To Post & Companies—Instrns re building relay key. 1/5
270908	12/27	Washn Yard Post (no date)	Specifications for new radio receivers— modifications to. W
271238	1/2	Gen Elec Co	High resistance tubes—quotes price. To—1/5
270978	12-30	G H Clark	Test of a new type of telephone cap; fwds report on. W
271557	1/5	Wireless Spec Ap Co	208 short wave receivers—type SE-143 request dimensions be filled in on print fwds. W To Wash—Fwds above letter and print. 1/8 To—1-15 To—Fwds drawings. 1/21 To Nat'l Elec Sig Co—Ditto. 1/21
271204	1/4	To M. Is.	Test of new type of audion bulb, developed by GE Co. Request comment and recommendation on. W
	1/20	Is. States reply was made in monthly report. 2-13	M Is—new type audion bulb—submits report on. 2/6
271575	1/3	Marconi Co	Emergency transmitters for destroyers—asks resistance available on antenna. To—1/9

698:RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
271749	1/4	Boston	Radio auxiliary handkey--1/4 and 1/2 kw fws prints.W
		To Post--Assign type numbers.3/2	To Grants auth to manuf.1/12 Post-Forwards plans and photographs.W 2-27
271756	1/5	F.Levenstein	Quenched gaps--fws prints of nameplates.W To--acknowledges with comment.1/9
271547	1-5	L.W Austin	Fws description by Ensign J.T. Allen, laboratory receiving set, with directions for its manufacture and for use, in re- ceiving and measurement of intensity of signals.W
		To Yards Stations--Fws copy of report.2/16	To Yards Stations--Fws report containing suggestion for shift of station of long wave receiving apparatus.2/16
		To Fleets--Di to.2/23	
		USS BUREAU OF NAVY--returns circular letter misdirected. (Cross to 477-8) 3-27	
271533	12-19	European Forces	Radio transmitting and receiving valve: fws specifications.W
		To Sims--Submits new data.2/11 type numbers, etc., 2/19	To Wash--Directs fws samples, etc of rec and transmitting sets.1/7
		European Forces--rept info on distance receiver fws report.4/3	Wash - fws copy of specifications 2/12 - W To S&A--Rept shipt of vacuum tubes from Wash to European Force.2/18
271534	1/7	To E.J.Simon	Fws quotation in letter re defects found in 1/2 kw panel radio transmitter, and photostat print of sketch.W E.J.Simon - 1/11 W
271741	1/7	To GE Co	Radio receiving device successful in eliminating atmospheric disturbances. Re L in relation in connection with.
272284	1/5	Marconi Co	5 kw quenched gap and condenser mountings. fws prints.W

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
266985	12/14	To Atl Squadron Atl Flt—Fwds report. 1/29	Standardization of Quenched Gap Holders. Submits several features of, and reqts comments on. Gives points desira information on. W See Card 130
	4/18	To Atl Flt—Comments on. 3/8 To Firms—Reqd design mechan. sm.	Developing switching mechanism. W 4-29 W E A Co-5/6 Selectin mechanism for quenched gap holders. 4-23
267169	12/14	To Firms F. Lowenstein—will submit design sug	Limiting types of radio receivers for Navy to 3 classes. Short wave receiver. Medium and long wave receivers. Directs submit samples of short wave receiver by Feb 1st for test at Wash. W Sperry Co.—T reqd antenna capacity. 12/17 W Liberty Elec Corp request blueprints 12-18 To Sperry Co.—12/21 To Liberty Elec Corp—12/29 To—1/16 Marconi Co 1-18 To Marconi Co—1/23 G type pilotrons; reports shipment of 6 To Bureau. W
267892	12-13	GE Co Personal	
268050	12/17	To Driver Harris Co—1/24 DeForest Co. To Driver Harris Co—1/8 To W.M. Sterns & Hoskins Mfg. Co— Directs take steps to allow Driver Harris Co ship De Forest Co necessary wire for Govt work. 1/17	Hoskins Mfg Co 1-23 Request that government purchase from Driver Harris Co nichrome wire for audion control boxes. To Driver Harris Co—Reqd expedite. 12/29 To—12/29 Driver Harris Co—1/3 SMC CARD #135 Sterns 1-18 Non synchronous rotary gaps for two 5 kw transmitters—do not beleive practical to operate for any considerable period at 5 kw capacity. W Fwd Phila —12/29 RB - 1-23
268227	12/17	Marconi	
267857	12/18	To Western Elec Co T	Audion bulbs on contr urgently needed at Wash Yd. Directs expedite shipts. W Co 12-18 Wston Elec Co—States are tracing 20 sets. 12/19. W
268725	12/20	F. Lowenstein	1/kw spark gap—fws Vandykes showing modifications. W

896:RECEIVING AND SENDING SETS.

Number.	Date.	From or To--	Subject.
268989	12/20	Transatlantic Comm Office	Magnetic receiver - reports on test of. W To Wash - Exls report. 12/28 Wash 2/14 - W
269481	12/24	E.J. Simons	Navy type J detector bulb-reqt sample be fwded to Moorhead laboratories. W To - 12/31
269628	12/21	Washn Yd	Simultaneous receiver-fwds prints. W To - Assigns type numbers. 1/2
269671	12/21	K&C Co	Pliotrons-desires to obtain from GE Co for use in laboratory. To GE Co - 1/25 To GE Co - Directs sell material to K&C Co. 1/5 GE Co have received no request from K&C; will comply when received 1-18
269030	12/22	To YED	Allott of \$1600 for purchase of port houses for use of force at Azores. W
269834	12/24	Atl Subm Force	Reports receiving Sayville and an unknown Station on the same antenna through the use of two receiving sets both pairs of telephones in series on same receiver. W Fwd Belmar - 1/5 RB 1-10 To Atl Sub - 1/5 RB 1-29 Fwd - 1/16 RB 1-29
269779	12-24 To NY - 1/30 NY - 2/18	NY	1/2 kw spark gap: fwds vanlykes and prints. W To - Assigns type numbers. 1/10 NY 1-23
269807	12-26	E. J. Simon	Baldwin mica diaphragm type t. lophone receivers: status has 17 sets on hand. W Fwd Wash - 1/4 RB 1-10
270341	12/28	NY	1/2 kw gap holder-fwds Vandykes. W

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 266069	12/8	L.S.Brach Sup Co	Learners telegraph outfit-calls attention to those manufactured by them.W To—Specs being prepared.12/27 L. S. Brach Supply Co - 1/3 W
✓ 265375	12/5	F.Lowenstein	Self cooled spark gaps - 1 & 2 kw fwds prints.W
✓ 266489	12-5 12-10	F. Lowenstein NY	Asks if necessary to attach name plates to quenched gap holders and condenser racks.W To—Reqt previous data.12/27
✓ 266998	12/12	F.Lowenstein	Blades for 1 and 2 kw spark gaps-fwds Vandykes recommending modification.W
✓ 267005	12/12	F.Lowenstein	States making delivery of 12 spark gaps Dec.13th, also 12 two kw spark gaps to Marconi.W
✓ 266856	12-10	Wireless Spec Co	Detector, type SE 183A: fwds prints.W To—12/17
✓ 266972	11-25	Atl Flt personal	Relative to receivers, type B & C: recommends type C be sent to MINNESOTA for test.W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To--	Subject.
✓ 266978	12-11	Dr Austin	Comparison of autodyne and hetrodyne methods of reception of continuous oscillations. W
✓ 267310	12/13	Wireless Spec Co	navy detector-fwds prints of stock list. W
✓ 267406	12/14	Western Elec Co	Reqt instrns rel to handling increase literature & prices on loud speaking horns or receivers from enlisted personnel. comes up on request of Gunner Crossley. W To--Reqt fwd Gunner Crossley infor he wants. 12/18
✓ 267556	12/15	F. Lowenstein	Brass washers for 1 kw spark gaps-fwds Vandyke showing modification. W
✓ 267381	12/13	GE Co	Receiving pliotrons-quotes prices for states are not prepared to undertake development of building complete transmitting outfit for airplanes but will build such outfits on mfr basis. (Cross to 918.) W To--Detailed comments on 12/29
✓ 267709	12/10	USS N DAKOTA	Radio Double head set telephone submits report on apparent defect in designing. W Fwd Wash--12/19 RR 12-27
266911	12/14	To NY	Design of Navy Standard self cooled quenched spark gaps: Comments on certain possibilities. W

1917

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.	
263542	11/27	To Wash	Specs for receiving instruments. Reqt submit revision of present specs. W Wash 1-7	
✓ 264289	11-28	Wireless Spec Co To—Fwds blueprints 12/24	Short wave receiver; request overall length of Micarta cylinder. W Fwd Wash 12/4 Wash 12-7	
33294	11-28	E. J. Simon	To Wash—R eqt return of papers. 12/14 R Reports on comparison of new Navy flame proof key and his present design. W	12-19 529
✓ 264618	12-1	NY	Copper sparking surfaces. quenched spark gap, commercial type, furnished by the Marconi Co; recommends be directed to supply silver surfaces and fish paper gas. W To NY—Not advisable to change. 12/4	
✓ 264659	12/1	F. Lowenstein	Self cooled spark gap—fwd Vandykes. W	
✓ 264824	12-3	F. Lowenstein	Bolts for 1 and 2 kw spark gaps; fwd print showing modification recommended. W	
✓ 264395	12/1	To L.F. Harris	Fwds drawings showing standard dimensions of form of vacuum bulb adapter for use where tubes with new form of base or socket are to be used with app which is equipped with old style candelabra base and connection wires. W	
263817	12/1	To Chasn	Use of Standard A and B battery for audions. Instrns in connection with. W	

1000

4-2361

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
✓262679	11/8	M Is Yd	Improvement in means of sending messages automatically by telegraph or wireless—fwds description and report on—Invented by J.J. Sherry. To M. Is. 11/27
262677	11/14	M Is	Request Washn Yard be authorized to ship 24 post type terminals. W To S&A—Reqt. ship of post terminals from Wash To M. Is. 11/24
✓262749	11/22	De Forest Co	4 regenerative receivers for use with ultra audion detectors; gives points of shipment of 4. W
262776	11/2	NY	Quenched spark gap. Navy blower type; reports on efforts to standardize. W To—Assigns type numbers to. 11/30
✓263205	11/23	Dr. L. W. Austin	NY—submits recommendations. 12/14. W Fwds report on comparative test with crystal reception between navy type receiver and Cohen direct coupled receiver. To Wash—Submits report. 11/30
✓263333	11/16	USS WISCONSIN	Wash fwds report on comparative test of Navy type and Natl Elec Sup Co's receivers 12-5 Reports on excellent result obtained from the audion bulb. W
✓263011	11/14	Marconi Co	Fwds vandykes of quenched sprak gap plate. W
263249	11/23	NY	Relay key, type SE 137; submits report of test with photographs. W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To--	Subject.
263280	11/24	NY	Quenched spark gap holder for Simon type 1/2 kw gap units; fws vandykes-W
246871	SEE CARD 93		To Manhattan Elec Sup Co--Submits test data on buzzer radio transmitter. 11/24 Manhattan Elec Sup Co 12-4 Chash--12/5 To Manhattan Elec Sup Co--12/22
262578	11/24	To Wash	Submits report from Th is relative to resistance varying in graphite potentiometer of CR 78 audions. for comment. W Wash 12-3
263548	11/27	E. Lowenstein Lowenstein 1-25	Fws list of drawings covering 1 kw spark gap unit and 2 kw spark gap unit. W Lowenstein 11-27 To--R returns blueprints with detailed comments. 12/21
722	11/26	Fwd S&A	Rec of award for radio trans sets. WR
263758	11/27	Sperry Co	Portable receivers; fws suggested changes in design; will effect reduction in price of about 35%. W To--Referred to Wash Yard for action. 12/27 To Wash--12/27
263764	11/26	F. Lowenstein	Self cooled spark gap holders-fws Vandykes.W
263153	11/27	Tomarconi Co	Ask if have any audion detector bulbs in stock similar to those submitted to Wash for test some time ago. W Co 12-1

898-RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
262174	11/20	NY Quenched spark gaps-fwds drawing.W	To—Appys drawings with comments.11/24
		NY--fwds prints.12/8.W	To—11/30
		To NY--Appys.12/11	NY--fwds Vandykes.12/1.W
262053	11 19	Century Telephone Construction Co	Request blueprint covering detector stand for use in manufacturing.W
			To—Will not fwd.12/4
262204	11/15	Weston Elec Co	T Reports on shipment of tubes.W
261893	11/21	To Firms	Fwds errata sheets as listed. Directs embody modifications in sets under manuf, if can be done. W
			F. Lowenstein--11/26.W
			Kilbourne & Clark Co 12-3
259725	SEE CARD 102		To Wash--Quotes letter from Company. 11/22
			Wash 2-1
261973	11/20	To Manhattan Elec Sup Co	Directs take up matter of payment with SO at yard at which deliveries were made. Co 11/23
262464	11/22	To S&A--Reqt shipt of rec set from Wash to NO DAKOTA. 2/21	Received back 9.2
		To Atl Squadron	Report on operation of naval design radio receiver. Reqt fwd to Bu. W
		Fwd Wash 1/5	Atl Battleship Force--no date--fwds report from various ships.W
		Atl Flt 1-3	31st Lt submits reports on operation of 12-26
		Fwd Wash 1/24	Wash 2/15
262497	11/22	Asks if rad app rec'd. 8/	Wash 2/15
		To Western Elec Co	Wash 2/15
		Western Elec Co 11-28	Reqt let De Forest Co have possession of present prelim sample for one day. Directs expedite drawings. W
		To--11/30	De Forest Co 11/24
			Western Elec Co 11-24

RECEIVING AND SENDING SETS.

19.7

Number.	Date.	From or To—	Subject.
✓ 261973	11/16	Manhattan Elec Sup Co	Request payment of their bill of September. K Fwd S&A—12/1 To—Reqt information re apparatus, reqn number etc. 12/21
✓ 261892	11/20	To Monitor Controller Co	Fwds sheets of specs covering requirements for starting apparatus for use with 5 KW radio transmitters. W
✓ 261968	11/20	To Bu Standards	Test of long wave receiver. Reception covering range from 2500 to 25,000 meters. Reqt comments on. W To De Forest Co— De Forest Co—
261967	11/20	To Belmar	Test of magnetic and static coupling on Navy Receivers. Reqt report on relative advantages or disadvantages of. W Belmar 12-24
✓ 261968	11/20	To De Forest Co	Possibility of receiving on an audion receiver the signals from dirigible transmitter. Not satis due to constant change in pitch in receiver. Ask add'l price for supplying a chopper for install in sets. W Co 11-27
✓ 262893	11/19	DeForest Co	Reports shipment of 4 AGT receivers to USS FLORIDA WYOMING NEW YORK DELAWARE-request order to cover. W To Wash—Fwds above. Reqt full infor. 12/1 RB 12-11 To—Reqn number for apparatus is 346.12/1

RECEIVING AND SENDING SETS.

16-7

Number.	Date.	From or To—	Subject.
✓ 260564	11/13	Marconi Co	2 and 5 kw sets; fwds vandykes-W
✓ 260410	11/13	To Nat'l Elec S ig Co	Directs proceed with manuf of 14 special radio receivers. On completion of, will make proprietary reqn for. W
~~260823~~	~~11/14~~	~~Sperry Co~~	~~Reqt Weston Elec Co be permitted to furnish them with audion bulbs.W~~
✓ 260823	11/14	Sperry Co	Reqt Weston Elec Co be permitted to furnish them with audion bulbs.W
✓ 261012	11/14	F. Lowenstein	Spark gap holder; fwds vandykes-W
223492	11/14	SEE CARD 22	Pensacola--Being used in laboratory.11/6.W
261294	11/15	Phila	Fwds print showing changes and improvements made in rotary spark gap.W To Reqt further Vandykes.11/28 Phila 12-7
✓ 261512	11/13	Wash	Fwds report on test of an audion submitted by John J. Auringer.W To J. J. Auringer--Comments on tests.11/21 Auringer request additional test 11/22 To J. J. Auringer--Comments re method of test.11/27 in Auringer writes further 11-28 Auringer 12-3

898- RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
361340	none	none	Date on Wireless receiving valve.W
✓260751	11/16	To B&A	Reqt shipt of receiving set from Wash to ~~Natl Elec & IR Co. W~~
260752	11/16	To S&A 1220	Reqt shipt of receiving sets from Wash to Phila.W To Natl Elec Sup Co— reqst advise if finished with appr. 1/29
722	11/14	To S&A	Trans sets. Re modifications of specms. WR
✓260823	11/17	To Sperry Co	Will inform Western Elec Co have no objections to their furnishing audion bulbs to Sperry Co for testing receivers. W To Western Elec Co—11/17
✓260753	11/17	To S&A	Reqt shipt of 23 audion boxes from Wash to Phila.W To Phila—Gives action.11/17
✓261447	11/17	To WYOMING DELA NEW YORK	Bizzer radio set and short wave receiver for. Directs communicate with NY in order to expedite delivery of apparatus. W

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 257803	10/31	To Bu Standards	Report of audion bulbs used in British Service/ Fwds for comment. W To Wash—Ditto 10/31 Bu Standards 11/23
✓ 258419	11/3	F Lowenstein	Self cooled spark gaps-fwds vandykes.W
✓ 258652	11/3	F. Lowenstein	Self cooled spark gaps: fwds vandykes.W
✓ 258864	11/2	F Lowenstein	Self cooled spark gaps-fwds plans.W
✓ 258702	11/6	To Firms	500 cycle panel sets. Will standardize this
		To Marconi Co—	Gives name plates. 12/31 type of flame proof hand sending key. Fwds Vandyke of. W Marconi Co E-18
31414	11-1	Wash	Copy of letter to Natl Elec Sup Co. waiving certain points on short wave receivers. W 629
✓ 259225	11/5	Atl Flt	Recommends a semi-annual allowance of audion bulbs, based on MICHIGAN's request. REW To MICHIGAN via Force Comdr—Disappvs reqn. 11/13
✓ 259686	11/9	To Western Elec Co	Radio telephone head set built into a sound proof helmet for use in airplanes. Recd fnd unit to Wash for test. Co 11-27
✓ 259714	11/8	Boston	Reqt authority to ship receiving generator for repairs.W
		To SEA—	Reqt shipt of radio set from Post Co Wash for repairs. 11/12
✓ 259725	11/7	Washington	Western Elec Co telephone headbands-fwds prints-suggests modifications to.W Western ElecCo 11/16
		To Western Elec Co—	Assigns type number. 11/12

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 259895	11/9	Communications	Relative to Dubilier valve detector sub-
	Wash 1-3		mitted by R. T. Davies W
	To R.J. Davies	Submits report of	To Wash—Fwds detector with instrns re
	test. 1/11		test. 11/17
259468	11/7	Washington	Test of GE elliotrons—test delayed will
			complete about January 15th.
✓ 259716	11/9	Manhattan Elec Sup Co	Forwards plans. W
✓ 256101	11/7	Marconi Co	Description instructions for short wave re-
			ceiver; fwds W
✓ 260007	11/9	MISSOURI	Status fibre spark gap gaskets furnished
			for unsatisfactory; fwds sample; recommends
			be made of mica or other suitable material. W
			To NY—Fwds copy of above letter for action. 11/13
			NY 11/19
			To—Submits report from NY re cause of
			difficulties. 11/24
260276	11/12	Communications	Audion detector boxes; recommends future
			design be changed so that 2 bulbs will
			always be mounted on control box. W
			To—Disappvs unnecessary inc in stock. 11/19
✓ 260287	11/12	F. Lowenstein	Hand key; fwds prints. W
			To NY—Assigns type number. 11/16
			NY 12-1
			NY 12-8
✓ 260344	11/10	Elec Importing Co	Mineral outfit—designed for use Radio
			apparatus—forwards sample. W
			To Wash—Fwds box of, for testing. 11/14
			was. 1-10
			To—Submits recommendation from Wash. 1/17

RECEIVING AND SENDING SETS.

1917

Number.	Date.	From or To—	Subject.
256755	10/23	F. Lowenstein	Self cooled spark gaps; fws vandykes.W
✓ 256780	10/25	F. Lowenstein	Quenched spark gap and condenser rack; relative to distance of silver surface above seat of spark gap plates.W To—Directs take up with NY matter of tests.11/2 To NY—11/2 NY 11/12
✓ 255588	10/24	To K&G Co	Fws Vandyke showing Flame proof key for submarines which will be specified for panel sets. W To Firma—Ditto. 10/25
256280	10/24	To Best	Reqt six Vandykes of latest revision of drawing Flame proof hand key. W Best fws drawing 11/3
256665	10/25	To Capt Smith	Comments on detector system submitted by Dr. G. B. Corrie. W
✓ 256673	10/24	To S&A—Reqt To Nav Intell	shipt of transmitting keys from NY to Wash for Test Station.1/3 Reqt radio material be obtained from British Navy. Reqt one small and one large breaser key.W To Wash—12/29 To NY—Inst Nav Intell—reports shipt of radio material obtained from the British Navy to NY marked for S.E.
256883	10/24	Boat	Reqt authority to modify type SK 137 relay keys for use with 10 kw sets.W

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To--	Subject.
256867	10/26	To Wash	Amateur receiver. Fwds sample from Adams-Morgan Co. and reqts comments re suitability for school an college work. W
		To Adams Morgan Co--Submits report on transformer. 11/19	Washn--reports on inspection--recommends Adams-Morgan Co be invited to bid on apparatus. 11/7. W
257338	10/25	Wash	Adams-Morgan Co 11-30 Fwds plans of low power undamped driver for receiver and wave meter calibration. W
257450	10/23	F. Lowenstein	Fwds vandykes of self-cooled spark gaps. W
257010	see card 215		
257564	10/24	Lowenstein, F	Self-cooled spark gaps; fwds 48 prints. W
257448	10/26	F. Lowenstein	Self-cooled spark gap; fwds vandyke. W
257454	10/26	F. Lowenstein	Ditto
256822	10/30	To S&A	Reqd shipt of receiver from Chasn to Wash for dispo. W
257726	10/30	F. Lowenstein	Condenser connector and rotary spark gap lower plug; fwds print and recommends Bureau adopt. in connection with 2 kw wave changer. W
256824	10/31	To S&A	To--11/22 Lowenstein 11-28 Reqd shipt of receiver from Chasn to Wash. W

RECEIVING AND SENDING SETS.

1917

Number.	Date.	From or To—	Subject.
✓ 255449	10/17	Bost	Ticker detector; request authority to ship to Wash. Id. W
✓ 255705	10/18	F. Lowenstein	Fwds vandykes. W
✓ 255612	10/19	To General Radio Co To Conn T&T Co To Atl Flt—Directs have PENNA make there test of apparatus. 11/17 To S&A—Reqst shipt of Gen Radio Co Aux radio set from Wash to PENNA. 11/17	Reqst samples of radio receivers for seaplanes to be tested at Wash. W Conn T&T Co 10/22 General Radio Co fwds photographs and quotes price 10/22 To Conn T&T Co—Tue or Wed next week satis for test of apparatus. 10/27
255962	10/20	F. Lowenstein	Self-cooled spark gap: fwds vandykes. W
✓ 256111	9/29 10/2 10/17	British War Mission Harvard Radio School Bost	Carborundum crystals; request information re. W To A. W. M. anten—Comments on. 10/25
✓ 256275	9/21	W. N. Dickerson	Reports on invention of amplifier in connection with I P receiver and method of obtaining oscillations on low wave lengths. To WARRINGTON—10/26

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 256439	10/23	Marconi Co	Request formal approval of relay and hand keys for 5 kw set, submitted at NY Yd for test. W To NY—(T) Directs notify company acceptable. 10/26
256440	10/23	Phila	Copy of letter to Marconi Co. suggesting reason for difficulty in manufacturing rotary spark gap rotor. W
256287	10/23	To Best	1/2 KW 500 cycle flame proof keys. Reqt Vandykes at drawing. W Best fwsd print 10/26
✓ 256347	10/23	To N. Baldwin T Pensacola (T) have wired Baldwin authorizing representative of GE Co to purchase telephones 10/31	GE Co representative will visit company re purchase Baldwin phones. Bu has no objection to selling. W To Pensa—(T) Directs notify no objection. 10/30
256440	10/24	Boston	hand key for 1/2 and 1/4 sets reqt authority to mfg sample—no standard design for. 10/24. W
256509	10/22	Boat	Auxiliary hand key for 10 kw sets: fwsd prints. W To—Apprs. 10/31
✓ 256507	10/24	F. Loxenstein	Reports forwarding drawing of inner copper flange for quenched spark and condenser rack. W

1917

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 254410	10/13	To Marconi Co	Fwds Vandykes of drawings showing 10 KW rotary spark gap. W
✓ 254578	10/13	To Wash	Directs manuf 20 add'l long wave receivers similar to type BE-95. W
✓ 254857	10/15	F. Lowenstein	Fwds set of vandykes & instruction for 2 kw radio sets. W
254870	10/15 To 12/11	Manhattan Elec Sup Co	Buzzer instruction set; asks if additional quantity to be required, in order to keep Department making intact. W Atl Flt gives list of ships recommended 10/26 To NY—11/9 Co 12-4
✓ 254879	10/12	Wash	Sample short wave receiver submitted by the Sperry Co; reports on. W
✓ 254900	10/15	F. Lowenstein	Quenched spark gap and condenser frame; submits schedule of proposed deliveries on orders from other manufacturers. W

RECEIVING AND SENDING SETS. 896

Number.	Date.	From or To—	Subject.	
254779	10/15	M Is T	YORKTOWN; request authority to install a Vernier rotary spark gap	492-6
199698	10/8	?	Progress report on spark gaps designed by Barstow -Pratt	876
✓ 254970	10/5	M Is M Is no record of Pearl Harbor requisition 109; no gap shipped 1-12	Lowenstein quenched spark gaps; reports on disposition of in connection with Bureau's letter 244905-508-6.W To—Request further information. 10/29 M Is 11-20 To—12/8	
255047	10/5 10/16	Atl Flt. BS Force Navgn	Request be furnished with signalling instruction sets.W To—Gives action taken. 10/19 To S&A—Request ship of Buzzar Instrn sets from Wash to Battle Ship Force one. 10/19 Atl Flt 11/12	
255048	10/13	F. Lowenstein	Self-cooled spark gap; fwds vandykes.W Lowenstein confirms schedule of deliveries 10/13 To—Ask when will make delivery of all of a paratus. 11/24	
✓ 255253	10/16	F. Lowenstein	F. Lowenstein—submits schedule of delivery. 11/26.W Self-cooled quenched spark gaps; fwds prints.W	
✓ 255378	To—12/1 10/16	Fwd S&A—12/3 Frank B. Perry & Sons	Fwd S&A—12/1 New type radio blinker signalsets; fwds sample.W F. B. Perry & Sons 10/23 To—10/30 Co 11/12 Co 11/14	
✓ 255395	To Grt Lakes—11/17 To Signal Corps—Fwds letter from company for reply. 11/29 Co 12 letters 11/34 10/17	F. Lowenstein	Self-cooled spark gap; fwds vandykes.W	

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 253278	10/8	To Phila	Reqt Vandykes of revision of "Rotary Spark Gap" be fwded to Bu. W Phila fws prints 10/16
✓ 253280	10/8	To Bost	Relay key for use with 1/2 and 1 KW transmitters. Directs develop. W Bost-line proof relay key - fws print. W To Bost. Appvs action taken. 3/6
✓ 253893	10/8	De Forest Co	Sockets and audion plugs: fws samples different from those which they have been supplying; request definite information as to which arrangement to be followed W
253948	10/8	Submarine Base (Personal)	1) Recommends experiments of high speed reception of signals be taken up at once. W
✓ 253965	10/8	F. Lowenstein	Self-cooled spark gaps; fws prints. W To—Reqt Vandykes of corrected drawing. 1/13
254163	10/8	Wash	Fws prints of relay key. W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To--	Subject.
✓ 254240	10/9	Radio Test Shop	Contract 851 for crystal detectors, placed with Wireless Spec Co; recommends be amended to call for 2500 detectors, in lieu of 500. W To S&A—Reqt contr be amended to call for 2500 detectors instead of 500. 10/13
✓ 254238	10/10	Wash	Method of making connections with primary to tickler coupling coil on short wave receiver; fws prints. W
✓ 254408	10/12	F. Lowenstein	Spark condenser gap and condenser frame to go on wave changers of their manufacture; request authority to mark, also request type number for 1 kw quenched gap. W To—Assigns type numbers to quenched gap. 10/17
254459	10/12	F. Lowenstein	Self-cooled spark gaps; fws vandykes. W
✓ 254441	10/9	F. Lowenstein	Spark gap and condenser mounting; fws prints. W
✓ 254287	10/12	To Wash	Design of new receiver transfer panel for TBDS. Lists requirements to be considered in designing switch panel. W
✓ 254400	10/12	To Western Elec Co	Reqn for 10 audion frequency amplifiers. Lists specifications for. W

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
252121	9/29	E. J. Simon	1 kw self-cooled quenched spark gaps; request be furnished with brown negatives.W
252147	9/24	Radio Test Shop	E.J. Simon 1 kw panel radio transmitter; submits report of test.W To Wash—Reqt four add'l copies of report.10/4 Wash fws blueprint copies of test. Simon 1 kw set 10/10
252256	9/27	F. Lowenstein	2 kw quenched spark gaps; fws vandykes.W To—Arms drawing. 10/9
252505	10/2	S&A	Correspondence re shipment of radio receivers from Wash to NY.W Fwd S&A—10/5
252598	10/2	F. Lowenstein	Self-cooled spark gaps; fws vandykes.W
252766	10/4	De Forest Co	Sockets and audion bases for audion patrol boxes; fws print; fws type of moulded socket and protests against being held responsible on account of Western Elec Co's plug not fitting their sockets.W
252541	10/3	To NY	Design of new 1 KW quenched gap. Reqt Vandykes, W NY fws vandykes 10/16

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To—	Subject.
252790	10/4	To S&A	Reqt shipt of Buzzer blinker radio sets from wash To Marine Barracks, Phila. W
✓ 252834	10/4	To Fed Co	Fwds copy of radio specs, covering requirements for receiving apparatus. W
253202	10/3	NY	Recommends that on future purchases of ~~Marconi commercial type~~ radio sets similar to 2 kw Marconi commercial type that silver spark surface quenched gap unit be specified. W
253347	10/6	E. J. Simon	Reports on impracticability of using Navy type 1 kw quenched gap with his 1 kw punal radio transmitters and request authority to use one of his design. W To—Submits order of standardization of 11/12
✓ 253214	10/6	To SEA	Reqt shipt of receivers from Wash to Phila. W
253667	10/5	F Lowenstein	Self cooled spark gaps - fwds plans. W

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.	
250804	9/13	M Is	States De Forest 5,000 hour audion bulbs supplied west coast unsatisfactory. W Fwd Wash 9/26 Wash states the 5,000 hour De Forest bulbs unsatis; are of the old type 10/13 <i>mag.</i>	
251061	8/8	Manhattan Elec Supply Co	Coles transmitter: states have taken over rights of. W	
251062	9/25	To SEA	Reqt shipt of trans set from NY to Norf. W	
251384	9/25	Wash	Buzzer instruction sat; fwds. W To—Comments en. 10/16 ✓ To Manhattan Elec Sup Co—Assigns type numbers. 10/16	
251394	9/22	Boat	Standard upper and lower contacts; fwds vandykes. W	
28736	9/24	Wash	Submits report on poor workmanship on Marconi radio receivers being furnished under this contract. W.S	629
251002	9/26	To Wash	Reqt Vandykes of latest revision of short wave receiver. W Wash fwds prints 10/10	

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To—	Subject.
229336	SEE CARD 65		To Electre Importing Co.—Submits report of test of apparatus. 9/27
251304	9/27	To M. Is.	Reqt information of disposition of Lowenstein quenched spark gap formerly assigned for SARATOGA. W M Is 10/20
251323	9/26	Phila	Rotary spark gap mfgd by the Marconi Wireless Telegraph Co. fws comments on inspection and test of. W To Phila 10/11
251698	9/26	NY	Phila fws drawings 10/24 Rec that on all future orders for spark gaps equipped with special insulating bushings that certain spares be called for. W To—Apprs rec. 10/17
251715	9/25	Key West	2 K W transmitting sets to be shipped to NY— gives list of spares - W To NY—D irects repair apparatus and turn into store. 9/29
251728	9/26	Dr L. W. Austin	General Electric Co's photographic recorder of radio signals - fws report on W To GE Co.—Fws copy of above report. 10/2 GE Co copy of Austin's report not attached 10/6 To GE Co—Fws copy of report.
252323	10/2	To Wash	Reqt Vandykes of latest revision of Buzzer instruction sets be fwded. W Wash fws blueprint of buzzer instruction set 10, 10

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 249103	9/12	<u>Marconi Co</u>	Short wave receiver - fwds photo and prints. W
✓ 249209	9/12 9/14	De Forest Co Communications	Oscillation radio telegraph transmitter, specially designed for shipboard use; request cooperation in making test. W Fwd Nav Com—9/17
249149	9/15 To Bost—11/12 Bost 11-29 To Phila—12/6 Phila 12-7	To Bost NY Phila	Test of standard 2 and 5 K.W. auxiliary hand key. Instrns re tests of. W Phila reports key not received 9/30 NY 10/10 To—Ask when delivery may be expected. 10/11 Bost 10/25 Phila 10/30
✓ 249368	9/18	Bost	Radio apparatus developed by <u>Cutting & Washington Co.</u> ; fwds prints and description of a 2 kw impact type radio transmitter. W
250448	9/19	Great Lakes	Reports on inspection of detecting device developed by Dr. S. M. Terry, of University of Wisconsin. W To via Comdt.—Directs co-operate with Dr. Terry. 9/29

RECEIVING AND SENDING SETS: RADIO. 898

Number.	Date.	From or To—	Subject.
250467	9/20	Wireless Spec Co	Special long wave receiver; reports development work nearly completed. W To—9/26
250481	9/21	F. Lowenstein	Fwds partial stock list of tracings issued of the holder only, not including spark gap units proper. W
250545	9/21	De Forest Co	Long wave receivers; request be furnished contract. W To S&A—9/25
250559	9/21	To M. Ia.	Reqt information re disposition of 2 K.W. 500 cycle Telefunken radio set, ex SARATOGA. W M is reports on disposition. 9/29
250727	9/22	F. Lowenstein	Fwds tracings of outer copper flange, for correction. D To—Fwds altered tracings. 9/28
250618	9/22	To F. Lowenstein	Fwds vanderkes of 10 K.W. 500 cycle, rotary spark gap. W
640	9/22	Fwd S&A	Recommendation of award for wave meters. WR
250800	9/24	To S&A	Reqt shipt of audion box from Norf to Waha. W

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
247772	9/7	To S&A	Req shipment of receivers from Wash to NY. W
248021	9/5	Marconi Co Phila-Fwds prints. 9/26. W	Taper gauges for spark gap motor shafts; states those called for in Bureau's drawings over size. W To Phila—Req fwd drawings to Bu. 9/12 To—9/12 Co 9/15 To—9/17
247988	9/8	To F. Lowenstein	Fwds blue prints with notes added by Bu to use same clear. Req & also to original tracings. W
248156	9/6	F. Lowenstein	Fwds miscellaneous drawings. W To—Req & all copies. 9/11 To—Fwds drawing to be used in correction of prints. 9/14 Co fws vandykes 9/20
248564	9/10	Marconi Co	5 kw quenched gap mounting; fws prints; request approval. W To—Req plans showing general assembly of wave changer. 9/25
248563	9/6	East	Recommends Clapp Eastman Co's improved buzzer be included in list of radio apparatus; fws catalogue. W To—Req fwd sample to Wash Yard for further test. 9/21 East 9/23

RECEIVING AND SENDING SETS. 698

Number.	Date.	From or To—	Subject.
248857	9/11	Phila	10 kw, 500 cycle, rotary spark gap; fwds prints.W
✓ 249006	9/11	Radio Test Shop	CE Co type G Piloton - submits report on test of.W To CE Co—Fwds copy of report of test.9/15
✓ 249007	9/11	Radio Test Shop	DES Co long wave receivers furnished under contract 28735. Reports on test of and recommends changes.W To S&A—Submits report and rec contr be amended to call for delivery 30 days later.9/29
249067	9-13	Auringer, JJ	Further data on his audions.W. To Wash—Fwds copy of above letter.9/21RB-11/24
✓ 249068	9-13	Manhattan Supply Co	Radio buzzers: contractors for wavemeters ask that their instruments be accepted. W To—Gives action on.9/21
✓ 249009	9/11	Washn Yard	Short wave receivers - fwds prints.W Sperry Co 12-10 To Sperry Co—Fwds Vandykes with comment.12/8
✓ 249090	9/8 9/13	W.V. Kennedy Navigation	Offers receiving set for sale/W To—Reqt make type, etc.9/17

1917

RECEIVING AND SENDING SETS.

Number	Date	From	To	Subject
				To NY—Reqt report on key. 11/17
				To S&A—Reqt. script of relay key from
				To Bost—Re modifications to drawing. 10/19
				To Bost to NY. 10/19
✓ 246508	8/29	F. Lowenstein		Bost fwds prints 10/7
	9/21			Auxiliary hand key for radio sets; request
				authority to use A.S.M.E. machine screws. W
				To Bost—Instrns re revising drawings. 9/5
				To—Gives action. 9/5
				F. Lowenstein request new type number for contracts
				9/7
				Bost fwds prints 9/18
				Bost 11/12
✓ 246156	8/29	To S&A		Reqt shift of receiver from Wash to NY. W
✓ 246438	8/29	To M. Is.	(Gross)	Job order on BRUNUS AND W RO. Disapprovs install
				of charging panel for Edison E batteries. W
				RB 9/15
				To M. Is.—9/18
✓ 246746	?	F. Lowenstein		Fwds raw material list for Lowenstein self-
				cooled gap. W
✓ 246764	8-30	Manhattan Elec Supply Co		5 kw hand radio keys submitted for test
				in NY; reqt appvl. W
				Co request approval of their 5 kw hand
				radio key 10/11
				To—NY ill inform of changes. 11/2
✓ 246871	8/31	To Manhattan Elec Sup Co		Auth submission of transmitter to Wash for
				test. W
				Co fwds speens covering Premier
				radio transmitter 10/26
				Fwd Wash—10/31
				Washn Yd—fwds report of test on
				Cole buzzer radio transmitter submitted by the Manhattan Elec Sup Co.
✓ 247066	9/1	To Mr. Russell		To Wash—9/28
				Co 11/23
				Reqt submit self test detector to Wash Yard for
				test. W

CARD 105

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 247105	8/31	P. Lowenstein	Lowenstein cooled gap; fws drawings.W
✓ 247198	8/27	M Is	Submits estimate for remodeling audiphone amplifiers into ultra audions.W To—Apprs ests. 9/5
M Is 11-22			To M. Is.—Reqt further information re amplifier ex-HUNTINGTON. 9/21
247327	8/31	Radio Test Shop	New model silicon antimony detector stand; reports on test of.W ✓ To Wireless Improve Co—Fws copy of report of test 9/5
			Wireless Improvement Co request detector stand be returned 9/12
✓ 247318	9/4	Wireless Spec Co T	To Wash—9/15 Wash states detector turned over to Jno Fifth 9/14 Asks if original drawing 11160 and 1179. 2 kw spark gaps, are correct.W To—(T) Revised drawings being fwded. 9/6
✓ 247730	9/6	Copely Mfg Co	Portable microphone detector and microphone detector; request report on trial of.W Co 12-7
			To—Will prepare reqn for purchase of instrument. 12/6
✓ 247790	9/6	S&A	Copy of letter to Wash Yd, requesting report as to status of shipments to of radio receivers to NY Yd.W
✓ 247793	9/6	G E Co	Request comment and criticisms covering static coupled receiver sent to Wash Yd for test.W GE Co comments on report 10/5 To—10/8

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
239149	SEE CARD 89		To Conn Tel & Elec Co—Same as circular letter 8/16 Sperry Co 8/16 De Forest Co 8/20 Connecticut TEE Co 8/21 To Sperry Co—8/21 Western Elec Co 8/21 Sperry Co 8/23 1 kw radio transmitter, Navy type; fwds corrected prints.W
244311	8/16	NY	
244438	8/17	F. <u>Lowenstein</u>	Spark gaps; fwds prints W To De Forest & Vandykes as listed. 9/6 Cc fwds prints 9/6
244486	8/17	NY	Fwds copy of letter from W. G. Morgan; relative to design of small type receiver. To W.G. Morgan—Comments on. 8/25 Morgan 9/8 To W.V. Morgan—9/20
244553	8/17	De Forest Co	Special 1.6" bulb furnished Dr. Austin; request formal contract for covering work.W To—Comments on bulb. 8/25
244807	8/18	NY	Fwds test of a Northrup-Ajax discharge gap submitted by the Pyroelectric Instrument Co.W Lens— Sub recommendations W 8/20
244810	8/18	F. <u>Lowenstein</u>	Spark gaps - fwds prints W To—Fwds Vandykes of drawings listed. 8/27 F. Lowenstein 8/29 To—Comments on. 8/31 To—9/13 To—Fwds blueprints as listed. 9/15

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 244625	8/20	To S&A 3 ✓ radio trans sets 12/29 wireless improvement Co 1-9 To Wireless Improve Co—Directs furnish only necessary drawings for install. 1/21	Reqt shipt of trans sets from NY to Yards for chasers and Merchant vessels. W To Yards—Give action taken, and assigns apparatus. 8/20 To Yards—8/22 Phila request prints 8/31 To Wireless Improve Co—Reqt Vandykes of Yds section of 250 watt auxilary transmitter. To Wash—ask if drawing is satis. 8/31 Radio Test Shop 9/7 To—Submits report. 9/26 *wds memorandum bill covering special key submitted as model. long wave receivers, requisition 75.W
244942	8-20	erry Co	
✓ 245318	8/11	De Forest Co	
✓ 245510	8/25	To S&A	Reqt shipt of wave receivers from Wash to Post for stock. W
✓ 245935	nons	F. Lowenstein	Fws backed-up copy and vandykes details of material and manufacture of Lowenstein self-cooled, air gaps, 1 and 2 kw types. W Lowenstein fws corrections 8/24
✓ 246081	8/27	NY	Transmitting key submitted by the Manhattan Elec Sup Co, reports on test or; fws photos W To—Lists changes considered necessary. 11/2
✓ 246265	8/28	F. Lowenstein	Non-synchronous spark gaps, 10 kw; request copy of drawing. W

RECEIVING AND SENDING SETS.

1917

Number.	Date.	From or To—	Subject.
✓ 242614	8/7	Sperry Co	Layout of auxiliary radio transmitters; fwd sketch.W To—C comments on sketch. 8/11
✓ 242715	8-4	M. Baldwin	small sized radio receiver; radi report on test. To—Gives report of test. 8/14 H Baldwin not yet received 9/14
✓ 242956	8/8	Host CANCELLED	Tickler coils for IP 76 receiver; fwds plan.W
✓ 243249	8/10	F. Lowenstein	2 kw and 1 kw spark gaps; fwds prints.W
✓ 243302	8/9	Western Elec Co	Audion frequency amplifier for use in radio compass, to be developed by them, proposed by Gunner W. A. Eaton.W Fwd Wash—8/25 RB 9/11 To—9/26
✓ 243440	8/11	De Forest Co	Copy of letter to Wash Yd fwding sample key in connection with requisition 75.W
✓ 243512	8/11	To Wash	Fwd radiocite detector manufd by Electro Imaging Co, for test. W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To--	Subject.
✓ 243668	8/13	NY	Request yard be authorized to develop 2 kw self-cooled quenched gap. W To 8/23
✓ 242380	8/13	To S&A 3	Reqt shipt of receivers from Wash to M. Is. W Pag Sd. W To Pag Sd. 8/13 To M. Is. 8/13 To S&A (2) Amendment of shipt reqt. 8/20 To S&A Reqt cancel shipt reqt of 8/20. 1/18
✓ 243160	8/14	To S&A	Reqt shipt of long wave receiver from Wash to MAUMEE. W ~~To S&A Reqt shipt of receiver and detector from Wash to KAHAWHA. 8/14~~
✓ 243698	8/14	To <u>Manhattan Elec</u> 3 up Co	Combination relay and hand key of F. Lowenstein appd by Bu as a relay key. Comments on. W
✓ 244010	8/15	<u>Natl Elec Signalling Co</u>	Asks if head telephones submitted by John Firth acceptable with half kw motor boat sets. W To Gives infor reqt. 8/21
✓ 244207	8/16	F. <u>Lowenstein</u>	Quenched spark gaps, drawing F1205; states length of dielecto side pieces will have to be changed. W

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
239857	7/21	Sperry Co	Short range receiving request complete set of drawings.W To—Fwds Vandykes.7/25
✓ 240076	7/20	Bost	Navy long wave receiver, type SE 95 A; fwds prints.W
240160	7/23	NY	Reports on study of radiation and oscillating receivers and recommends further experiments in connection with using for detecting receiving stations and locating by direction finder.W
240724	7/26	Manhattan Elec Sup Co	Fwds sample of #80 hand keys.W To—Returns key appvd.7/31 Co 8/3 Co 8/17
241161	7/28	F. Lowenstein	Request authority to change the number of units in assembled quenched spark gap from 12 to 15 on certain contracts.W To—Gives action.8/1
241556	7/24 7/31	Bost NY	Relative to manufacture of spare parts for hand keys.W Fwd B ost—8/3 RB 9/8 To Bost—Appvs est.9/18
241303	7/31	To SEA	Reqd shipt of detector from ROE to Wash for dispo. W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 242064	8/3	National Elec Signalling Co	Reports difficulty in securing delivery of Brownlie telephones for radio sets and request he advised other types that have been approved. W
242010	8/3	To Wash	Bulbs drawing resistance in audion control box, for current. W
✓ 242117	7/6	Everyday Engineering Co	Sends article on the design of radio receivers, for correction, and request authority to publish. W
✓ 242117	8/4	To Nav Com	Comments on Article entitled "The Design of Radio Receivers. "W
242471	8/1	Case Research Laboratory	Acknowledges receipt of bulbs for use in conjunction with Sperry Co. W Co states is returning bulb 8/18

RECEIVING AND SENDING SETS. 898

1917

Number.	Date.	From or To—	Subject.
✓ 237982	7/11	NY Elec Soc	T.W. Case in need of audion bulbs; request De Forest Co be authorized to deliver. W To—Wash instructed to furnish. 7/17 To Wash—Instrns. 7/17 NY 7/18
✓ 238078	7/10	To Wash	Fwds specms for radio receivers. W repl for specms for radio receivers. W instrns. W ✓ 238078 specms for radio receivers. 7/10
238093	7/12	To John Hays Hammond, Jr.	Fwds specms covering radio receivers. W
238388	7/13	M Is R	Request authority to assign ultra audion, submarine type, to VULCAN and PETREL. W To—(T) Disappvs. 7/16
✓ 238446	6/18	Phila	Confirms telephone conversation. W
✓ 238683	7/13 7/14	W. A. Hyde Communication Supt	Writes relative to device to substitute for a single head receiver invented by J. A. Denis. W To Naval Laboratory—7/21 RB 7/24 To—7/25
238480	7/13	DeForest Co	Circuit breaker for audion control boxes— Fwds samples of modified parts W To—Appvs samples. 7/21

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
239009	7/16	Wash	Western Elec Co's drawing of audion bulbs has been checked for dimensions and recommends to approved. Y
238729	7/17	To S&A	To Western Elec Co—Returns tracing of vacuum tube appvd. 7/31 Reqt shipt of receivers from Wash to Phila. W
239258	7/17	Great Lakes Supt	Reports that design of audion bulbs furnished could be improved by having top of filament secured to an additional filament support. W Fwd Wash—7/20 RP7-24
239296	7/17	Phila	Gauges for use in manufacturing spare gap motor shaft; states master gauges now in possession of Robins & Meyers, will be available July 23rd. W To—Directs expedite delivery of. 7/24
239149	7/18	To Conn Tel & Elec Co—Test of radio trans appvd. 8/15 To Firms To Crocker Wheeler Co—8/4 To Firms—Reqt reply to circular letter 8/4 Marconi Co 8/7 E.J. Simon 8/6 To Western Elec Co—8/9	To Pensa—Auth test. 8/15 Reqt appvl in advance of a plan to permit such firms as Bu may decide upon to manuf trans sets regardless of which type is decided upon. W E.J. Simon relative to royalty for aeroplane radio sets 7/25 To E.J. Simon—8/2 GARD 91
239755	7/19	War Dept	Fwds copy of report made on the Tyree detector and amplifier. W

Number.	Date.	From or To -	Subject.
236090	5/29	To Phila	Phil submits number of rotary spark gaps manufactured by Machinery Division during the past two years 7/24
236091	5/29	To GE Co	Directs sup. by Wash Yard with bulbs for test in cond. '13 with vacuum tube for tests. W GE Co. will ship 2 plitrons to Wash Yd for test 7/3 GE Co states are forwarding plitrons for test to radio test station 7/26
236092	5/29	To De Forest Co	Co states bulbs were delivered personally to the Radio Test Shop 7/18
236098	6/29	To Wash	Co. gave test of transmitter vacuum tube. Have tested ship. of bulb. from several com. ship. and direct conduct tests of. W
236375	6/25	Pug 5d	Reports trouble with Potentiometer material; recommends mounting be changed. W
	7/17	Fwd Wash	De Forest Co 7/12
		To De Forest Co	Directs follow latest design in all future sets. 8/14
236034	7-2	JOULET	Reqt auth to retain Brande's lead telephone W RB 9/19 Fwd Wash-9/20
	7/3	Wash	Short wave radio receivers: fws prints. W To-7/27

Number.	Date.	From or To—	Subject.
✓ 237421	7/5		Report received from Mr. J. H. Simon, to Marine Charters and Co. Ltd.
237433	JULY 87 Marconi Co 7/30		✓ To H.V. Roome To Wash. Submits report of test of various million bulbs. 7/6 To Marconi Co—7/18 E. J. Simon fws copy of Mr. Moorhead's comment 7/21
237434	6-21	Wash.	Simultaneous sending and receiving system. Dr. Alexander's type. Reports on conclusion. received and fws copies of report. Showing details of test. 875
237471	7-9	To Atl Fleet	Directs every facility be afforded Expert Radio and Israel. In connection with simultaneous sending and receiving. 875
✓ 237490	7/9	G E Co To Tests almost completed. 8/21 Radio Test Shop submits report and recommendation 9/7 To—Submits detailed report. 9/26	Reports have developed a receiving set will meet Bureau's specifications, as regards performance and same is ready for test. W To Wash—Directs arrange for test. 7/19 To—Directs fws to Wash for test. 7/19 GE Co request that test and return of set be expedited 7/31 GE Co request action 8/16
237500	7/10	To C. F. Smith OFF of Wash	Report of Mr. J. H. Simon, to Marine Charters and Co. Ltd.
✓ 237539	7-10	Wash	Two low self-cooled quenched spark gap; fws plans.
237550	7-7	Dist Com Sect	Reports on regarding the Wall Round Relay the high-voltage test results, and to the effect of the results; involved by Dr. May

RECEIVING AND SENDING

Number.	Date.	From or To—	Subject.	
234867	6-21	To G. E. Co.	Sample transmitter arrived Wash Yard. Can test Monday or other day next week.	903
✓ 235157	6/22	G E Co	Visual receiving device; states have constructed several models and gives advantages	
		GE Co states instrument will be ready for test sometime first of Aug 7/24 or W		
235240	6-23	Gen Vehicle Co. WCID	To—Will test at Wash. 7/18 States complete set of station tools for engine made up; quotes price; states in lots of 10 price will be considerably reduced	736
235391	none	Bost.	Re design antenna switch " send and receive " fws prints showing one developed.	900
✓ 235468	6-23	GE Co	Low power pilotron oscillator transmitting set completed; will be shipped to Wash for test. GE Co request report 10/9 To Wash—Fws above letter. 10/12	
✓ 235913	6/27	Wash	Fws prints of short wave radio receivers. W	
235983	6/28	De Forest Co S&A	Request address of the Central Manufacturing Co. in connection with obtaining head phones equal to the Baldwin type. W Fwd S&A—7/10	
236109	6/29	Western Elec Co	Fws tracings of vacuum tube. W To Wash—Fws drawing and directs check. 7/9	
236089	6/29	To Western Elec Co	Direct supply Wash Yard certain Vacuum tube power tubes for test. W	

1917

RECEIVING AND SENDING SETS.

Number.	Date.	From or To--	Subject.	
231217	5-29	Sperry Co	Wave receiver; reports on progress and rec for motor generator.W To--Delivery instrns. 5/31	
✓ 231371	5-29	Y&D	Quotes on test of Cutting & Washington Impact Transmitters.W	
✓ 231726	5-1	Bost	Fwds print of auxiliary hand key for 2 and 5 kw sets.W	
✓ 231793	6/3	Richard Pfund	Quotes endorsement on proposals on reqn 1795, relative to type of apparatus would bid on.W	
231723	6-1	Bost	Fwds print of flame proof hand key for submarine radio transmitter developed at Bost Yd. for 1-2-5 kw set	907
231724	6-1	Bost	ditto for 5 kw sets	907
✓ 231903	6/4	Wash	Fwds ^{regt} ~~copy~~ from Bost Yd for ultra audion bulbs.W Fwd Bost--6/8 RB 5/18 Fwd S&A--6/20	
✓ 231976	6/4	E. J. Simon	Request report on detector set submitted by Moorhead Laboratories be forwarded to him, as he is a government representative.W	

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 232071	6/4	Wash	Fwds print for increasing range of Wireless Specialty and Marconi receivers; fws print of primary and secondary loading coils, etc W To—Auth manu of apparatus. 8/4
✓ 232113	6/5	J. H. Bunnell & Co	States manufacture wireless keys and have order from Cutting & Washington; request drawings covering W To—Fws prints with comment. 6/13
✓ 232041	6/5	To Firms	Reqn shortly to be issued for 500 receivers. Fws Vandyke covering, also copy of reqn. W Wireless Development Co 1 states vandykes not received. 6/7 To Marconi Co—Same as letter 6/5. 6/8 Foots Pierson & Co reqt blank proposals 6/14 Fwd S&A—6/19
✓ 232043	6/5 to ship this week 7/18	To De Forest Co	Reqt quotation on manufr of two audion bulbs for special experimental work. W To—Reqt reply. 7/16 R Co are manfing additional bulbs; expect reports cancellation of shipment order from Norf Yd for quenched spark gaps. W Fwd S&A—6/13
✓ 232330	6/1	NY	
✓ 232378	6-5	Nat'l Elec Supply Co	Copy of letter to radio laboratory fwding two modified samples of head bands in connection with test of Century Double head radio receiver. W
✓ 233548	6/8	To NY—Submits report of test, 10/8 Berel's School of Telegraphy	Detector: asks if Mr. Berel could be present during test. W Fwd Wash—6/15
✓ 233695	6/13	Wash fws report on test of Berel fixed detector 8/8 Western Elec Co	Fws 5 small vacuum tubes for test. W To—Will be tested at Wash. 6/21

RECEIVING AND SENDING SETS.

1917

Number.	Date.	From or To—	Subject.
229131	5/18	NY	Fwds list of assignments of quenched gaps.W
229336	5-19	Radio Test Shop submits report 9/7	To—No advantages in
		To—Submits report of test of radiocite 7/18	To stand 9/20
229456	5/17	Wash Instrns. 6/13 Co request report of test 7/6	Co submits quotation 8/3
		Electro Importing Co	Fwds samples of their Crystal radiocite.W
229456	5/17	Will hold test of 5/28	To—Will test at wash 5/24
		Wash Instrns. 5/28	To Wash—Fwds for test 5/24
229456	5/17	NY reports on test of crystal radiocite 6/5	Co quotes price for their new buzzer 5/25
		Bost	Electro Importing Co 6/22
229542	5-19	Phila	Fwds drawings of radio relay key.W
229555	5/19	Wash	Rotary spark gap for 10 kw sets; states prints cannot be started before June 15.W
229654	5/22	To Wash	Fwds drawings of audion bulbs receptacles detector bulb adapted, etc.W
229654	5/22	To Wash	Fwds booklet of calibration curve sheets for De Forest long wave receivers. W
229686	5/22	To Feete, Pierson & Co	Acknowledges quotations for radio receiving sets, Navy type. Will advise later number will require. W
229766	5/22	Commander Cleland Davis, Retd	Request authority for himself and Mr E H Lyon to test a detector at radio station, NY.W
		NY reports on test of apparatus presented by Commander C. Davis and E.H.Lyon 6/8	To NY Gives action. 5/24
			To—5/24

CARD 96

RECEIVING AND SENDING SETS. 898

229815-5/22-NY

Number.	Date.	From or To—	Subject.
229815	5/22	NY	Reports on test of hardened copper spark gap plates for quenched spark gaps; reports on test.W
229795	5/22	Nav Consulting Bd	Calls attention to rotary spark gap developed by Dr E. R. Northrup.W To Dr. Northrup—Reqt NY Yard be allowed to hold test. 5/29
229055	5/23	NY	Relative to test and data on ~~con~~ detector invented by Milton Brehl and Louis Funke.W To—Comments on 5/28 NY states inventors have been directed to forward sample for test 6/16
230404	5/25	Wireless Improvement Co	Small short wave receiver submitted by John Firth; states have made changes suggested.W Fwd Wash--6/5
230595	5/19 5/26	Nathaniel Baldwin S&A De Forest Co for phones. 6/8 De Forest Co has a name of phone superior to Baldwin type 6/8 To J. Firth—Ackn. ledges. 6/12	Relative to controversy over furnishing head telephones to De Forest Radio Co, through his agent, John Firth.W S&A Bureau cannot procure telephones for them 6/5 John Firth states have had no reqt from Reports on test of relay key W To—Shows use of key. 6/2 NY corrects report 6/7 To NY—Reqt further information. 6/20 NY reports on test and recommends approval 6/25
230839	5/28	NY To F. Lowenstein—Apws key. 8/4	
231197	5/28	Van Blerck Motor Co VOID	Detailed comments on trouble with Van Blerck engines at Forts rd; reports on visit of writer with expert to that yard and of putting of engines in working condition. D
231205	5/30	E. R. Northrup Pyroelectric Instrument Co states Mr Edgerton will report at testing laboratory to assist in reassembling apparatus 7/21 To NY—7/24 NY reports on test of 8/B	Discharge gap; request test of.W To—Comments on. 6/2 To—Hill will visit. 6/7 C.F. Northrup submits further report. 7/15 To—Directs ship to NY for test. 7/19 To NY—Instns. 7/19 To NY—8/20

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
226449	5/3	NY	5 LW sets - Order # 2 lists vessels issued to W
✓ 226876	5/8	To De Forest Co	Drawing for standard audion control box appvd with modifications. W
✓ 227053	5/8	To S&A	Recd copies of contracts based on reprints listed. W RB 5-21
✓ 227060	5/9	To S&A	Recd shipt of ultraaudions from Wash to different Yards. W To Pug Sd--Fwds copy of shipt reqt. 6/23
✓ 227520	5/9	De Forest Co	Pug Sd (T) asks if material for stock 7/6 Audion control panel; fwds print. W To--Assigns type number with comment. 5/12
✓ 227702	5/9	Wireless Improvement Co	Request that copy of requisition for 800 head telephones be expedited. W Fwd S&A--5/14 RB 5-17 To--5/18
✓ 227716	5/9 5/10	Edward G. Mahin Dept VOID	Metallographist at Exp Sta; asks if teach- ing, etc., required. K
✓ 227716	5/9	Western Elec Co	Audion bulbs; expect to ship 50 per week. W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
227913	5/2	Seattle	Calls attention to Tyree radio detector and amplifier shipped to Bureau Standards by the Smith Cannery Machines Co.W
✓ 228113	5/12	L.W.Austin	Wireless Spec Co's Kolster receiver; fws report on.W
228134	5/12	Comdt 5th Nav Dist VOID	Asks if can furnish radio expert for duty in that district.K
228135	5/10	Wash	Operation of radio receivers for use of ultra audion; recommends estimate be prepared in accordance with scheme enclosed.W To—Reqt further plans.5/25
✓ 228327	5/8	Dr. L. W. Austin	Report on V circuit oscillating audion.W Fwd Wash—6/5
✓ 228711	5/14	De Forest Co	Combination audion, ultra audion and amplifier instructions; contracts 117 and 119; request date of delivery be extended.W
228646	5/12	Nathaniel Baldwin VOID	Accounting bulletin ashore #16; revises; fws 5 copies.K
✓ 228646	5/12	Nathaniel Baldwin	Head telephone sets; fws sample of smaller and lighter and request be tested.W To—Wash Yard will test.5/22
✓ 228500	5/16	To S&A	Reqt shipt of quenched gaps from Norf to NY for test. W

RECEIVING & SENDING STAMP.

Number.	Date.	From or To—	Subject.
SE 179	4/20	Fwd S&A	Rec letter to Marconi for radio sets. W
✓ 224005	4-19	NY	Self-cooled quenched spark gap; fws prints. W
✓ 224242	4-20	NY	Fws vandykes of inductance of 5 kw in- ductance coil. W To--inst ms. 4/25
✓ 223953	4/20	To Wire Spec Ap Co	Detector on page 711 should be in accord with drawing RW 50 A 1-3 A. W Wire Spec Co. fws copy of proposal. 4/21
✓ 224311	4/21	Manhattan Elec Sup Co	Request reply to their letter of Apr 10, requesting report on their removable con- tact point telegraph key. W 875
✓ 224349	4/23	To Wireless Improve Co	Bids for head telephone sets will not be re-opened.
✓ 224350	4/23	To Wash	Fws drawings showing motion control box being made by the De Forest Co. Next Wash. Test Shop, comments. 4/30
✓ 224353	4/23	To Wireless Spec. Ap Co	Ask if intend to submit motions for test. W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To--	Subject.
224633	4/23	Cutting & Washington	Confirmation of understanding with Amor R&R Corp. relative to using Cutting & Washington's gap instead of their rotary gap with the sets manufactured ~~by Navy~~ for Navy Dept. W
225144	4/26	Wash	Long wave receivers - fwsd plans and estimates for manufacturing 40 W To--Lewin. 5/5
225402	4/28	Wireless Spec Co	Wash. radio receivers; fwsd prints; not received 2/10 Audion bulbs; quotes prices on; request report of test. W
225658	4/30	National Elec Sup Co	Century Telephone Construction Co's head telephone; submits samples for test. W To--Comments on changes made. 5/12
225867	5/1	John J. Auringer Moorehead Laboratories are shipping one bulb for test under instructions from F.F. Auringer	Detecting condensers. W To Wash--Directs test on receipt of sample. 5/6 To--5/8 Auringer writer further 5/10 To--Upon receipt of sample, test will be held 5/14
225882	5/2	To NY	Rest costs covering twenty 5 K.W. quenched gap, blower cooled, of latent New York Design. NY submits estimate 5/6
226323	5/2	NY	Relative to testing apparatus furnished by T. Siebert W To--Inst. 5/9

RECEIVING & SENDING REC.

Number.	Date.	From or To--	Subject.
✓ 222261	4/12	To S&A	Rept shipment of receiver and Federal inc receiver from S&A 1860 to Phila. W
✓ 222730	4/12	To Wireless Improve Co	Test of 110 volt oscillator may be made at any time. Will test uni-control receiver at Wash. W 6-4-21
✓ 222437	4/13 To--5/8	To GE Co	- Test when say is receiving audio bulb of various voltages and types will be made for test. W GE Co gives advances shown on test of their new tube. 5/3
✓ 222447	4/13	To Wireless Spec A Co	Bu has made regen thru Wash. for 500 double crystal detector as per price noted, \$35. W Co have received proposal from SO for crystal renewals; request further instructions 4/20
222525	4-12	Phila	Ultra audion detector; improved form of circuit for use with; spec print and description. W To Wash--1/31 RS 8/15
✓ 222568	6-11	Nat Elec Sup Co	To Wash--Reqt report of test. 7/20 To Phila--8/21 Quotes price for short wave receivers. W.
✓ 222757	4/14	To NY T	Directs report number two R.W. from Phila to NY (T) 3 sets on hand 4/16
222877	4/14	Western Elec Co	Quotes price for audion bulb type D. W Co--1/31 RS 1500. 7/18 Co reports forwarding to Wash sample of audion bulb 4/19 To--Gives results of tests. 5/8

RADIOIVING AND SENDING SETS. 898

Number.	Date.	From or To--	Subject.	
✓ 222738	?	Harry V. Roome	Oscillations; request permission to make tests of W	
22775	4-11	Roome states no test made since order issued closing station 5/2 Swd Communi--5/15RB 5-18 Phila	To--Ask name of manuf to whom supplying bulbs for Govt use. 4/27 Rotary Spark gaps; fwds rpt. 623	
✓ 223182	4/16	E. J. Simon	Moorhead relays request test report W To--Get a m. l. t. L. W. 21	
✓ 223469	4/17	Washington	Comparison on oscillating receiver circuits using inductive and composite coupling W	
✓ 223663	4/18	Richard Pfund	Has on hand all material for 2 spark gaps similar to those installed at Arlington. W Fwd NY--5/21 RB 8/22	
223327	7/26	Wash	Reports on the V circuit oscillating audion. W	
✓ 223492	To Aero Sta--9/19	To Atl Ft. Instrns. 8/15	To S&A--Audion adapters for each of the radio stations; sent one station adapter from each of the stations to each of the stations. SEE CARD 103	
	Fwd S&A 8/15	Cruiser Force, Atl Ft 8/18	NY relative to making out stub requisitions for adapter for Santo Domingo 8/8	
✓ 223656	To San Domingo--8/22	To SEATTLE--8/22 S&A 9/10	Passage 8/10 quenched spark gaps - recommends Richard Pfund be placed on list for and fwds data secured through inspection W	
✓ 223965	4/18	NY	To Firms-- Thickness of silver for quenched spark gap. Specs will be modified so silver must be at least 55 mils thick. 4/27 Sperry refused to quote price on Sperry gap W	
	4/20	Cutting & Wash. T		

RECEIVING & SENDING SETS.

191

Number.	Date.	From or To—	Subject.
218969	2-15	Daly, TJM	Has new receiving device which enables to recept. of signals without use of aerial wire. W. To--Acknowledges. 3/23
219425	3-22	NY	Self cooled gaps; were not found satis; recommends issue of quenched gaps on Lowenstein sets for future re tests. W To--Gives action on. 3/28 NY corrects letter of March 22nd 4/5
219424	3-23	NY Amer R&B Corp gives additional cost for using type G gap 4/7 Rm JSA--4/12 RB 5-11	Quenched spark gap; manufactured by the American R&B Co. Fwds report on with photos. W To--American R&B Corp--Gives conditions of award of contract. 4/4 To--4/4
219822	3-26	DeF rest Co	Audion control boxes; change to be included in new type bid on reqn 362. W
220205	3-28	NY	Spark gap; 1/2 kw, quenched; submitted by EJ Simon; report on and fws photos. W. To--Concurs. 4/7
220614	3-22	M. Is	5 kw quenched spark gap; plan. W.
220635	3-28	Roome, HD	Reports shipment Moh 23 of Oscilludion for test at Laboratory. W. To--test. 4/22 To--test. 4/22

RECEIVING & WINDING MTS. 698

Number.	Date.	From or To--	Subject.
220084	4/5	To John Firth	Returns crystal detector stand left for inspection. Not applicable for needs of radio service. Comments on. W
Best 156	4/5	To Best	100 relay keys. Reqt add'l information.
221651	4-7	EG Gage	Quenched spark gaps; fws plan; can supply in other lengths; Garwood type.W.
221590	4-6	Wireless Spec Co	Quotes price on detector stand.W.
221755	4-7	Mignon Wireless Corp	Mignon receiver; operating without aerial or grounds; fws printed matter. W
		To--Detailed Comments. 8/10	To--Comments on. 4/11 To have disc core receivers ready for test 4/28
222001	4-6	Washn	Fws ear caps for Wireless Spec and Baldwin type head phones; vandykes. W
221143	4/9	To SAA	Reqt. list of ticker operation from Aero to be used for information. W
222314	4-11	NY	Request authority to take steps to replenish stock of radio head telephones.W To--reqn has been prepared for. 4/16

RECEIVING & BUILDING SETS

Number.	Date.	From or To—	Subject.
217240	3/8	To East	Returns Deqn #461, for keys to radio sets for corrections as listed. WRB 3-26
217241	3/8	To Wash	Returns 14 sets of Vandykes of radio drawings as listed. Washn fws vandykes 3-12
217242	3/8	To Wash	Reqt copy of b/p RW 25AA 1E1A, showing resistance unit for use with absorbing circuit type of arc relay key. W
217280	3-8	NY	Pfund quenched spark gap; quotes letter re error in overall thicknesses of. W
217535	3/10	To NY	Ask whether receiver No 117, ex Chasn Radio Station is at NY. W NY 3/22
217671	3-10	Marconi Co	5 kw self cooled quenched spark gap; reqt complete report; understands test will be completed Mch 13. W Fwd NY— 5/13 RB 3-21
217764	3-9	Norf	Quenched gap; water cooled; mica gaskets for; request instructions re substituting paper, fish, for item called for on standard stock catalog. W.
	5/2	To NY—Re: reply to letter 3/22	Fwd NY—Reqt rec re carrying in stock of mica and fish paper for spark gap gaskets. 3/22
		NY recommendations 6/6	To NY—Reqt reply. 6/14

RECEIVING AND SEEDING SETS.8-8

Number.	Date.	From or To—	Subject.
218073	3-12	Marconi Co	Request report on operation of relay keys furnished under contract 21507, 1915.W
	To—	Gives info re tested. 4/4	To ALWIN & TALLAHASSEE—Reqd complete report as above. 3/16
			ALWIN 3/20
			Sub Eto. Div 4 3/22
Reqd 280	3/13	Fwd S&A	Rec receiving set ex Bu Standards Laboratory, be shipt to New Ori. WH
218494	3/16	Wash	Audion detector: fws prints for checking and assignment of file numbers.W
			To—Comments on 4/2
			Washin fws prints 4/11
218531	3/16	Phila	500 cycle rotary spark gaps, non synchronous; comparison of various types: fws report.W
To—	Ask when report may be expected.		Phila reports on Wireless specialty non synchronous rotary spark gap; recommends against use of 10/14
11/27			
218612	3/16	Phila—motor type non synchronous rotary spark gap—fws report on. 12/7	CARD 110
		Ammer School of Corres	Cohen receiving set; request diagrams of connections for.W
			To—Can not furnish. 3/21
218792	3/20	To Phila	Reqd Vandyke and white print of drawing RI 32F 107A, non-synchronous spark gap. W
			Phila fws plan 3/20
218895	3-19	NY	New type radio receiver patented by F. Siebert: fws description of with particular attention to comping of primary circuit..
To—	F. Siebert	Comments on. 6/2	Fwd Wash—For comment. 4/4 RB submits report on 5/29
219009	3-10	Birmingham Wireless Assoc	Request recommendation on most suitable type head phone.W.
			To—Gives information. 3/23

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
215772	2-23	Clark, GH	Examination of Telefunken audion left at Bureau by John Firth shows now as good as American Product; fws sketch.W
215887	2-19	Washn	Special audion bulbs submitted by DeForest Reports on test of.W As De Forest Co—Gives report of test with comment. 3/8
213677	2-21	To Washn To John Firth	Inspection and test of sample short wave receiver submitted by John Firth. W 793-1
215814	2/24	To John Firth	Returns audion with comments.W
216095	2/27	To Wash	Operation of radio receivers for use with ultraudion. Instrs re preparing plans and tests re improving. W
216417	2-28	To--Fwds Vandyke of tone tester.3/31 Genl Radio Co. To--strictly in accord with draw- ing being fuded by Wash.3/8 Co reports nonreceipt of print 3/14	Asks if Bureau can give any additional data on requirements of tone testers on which Lowenstein has requested prices. To Wash--directs furnish company with drawing of tone tester. 3/8 Audion bulbs; submits 2 new types for test.W To--acknowledges receipt of for test. 3/8
216829	3-3	Marconi Co	Sample bulbs of Morehead Laboratory for test.W To--acknowledges receipt of.3/8
216830	3-3	Simon, EJ	

RECEIVING AND SENDING DATA.

898

Number.	Date.	From or To--	Subject.
215331		CARD 78	P. Rawls will arrange to bring detector to Washington personally for test. When convenient to Bureau. H.W. Garner asks if can make tests now (date?) To Warner--Will test at Bu Standards. 6/4 H.W. Garner 9/7 To H.W. Garner--9/11
216903	3/7	To NY	Record of Lowenstein 5 K.W. quenched spark gaps purchased under contr 804. Also disposition of 1st, one of three ordered retained at Yard. One sent to Kansas and one to Kansas. NY lists vessels and yards to which spark delivered under Lowenstein's contract 804 have been issued 3/16
217091	3/7	To Norf Norf fwsd photographs 3/27	5 K.W. self-cooled 500 cycle plain spark gap. Test two coils of 233A100A. Also disposition of 1st, one of three ordered retained at Yard. One sent to Kansas and one to Kansas. Status of W To--Test report be fwsd immediately. 3/16 Norf fwsd plan with record for 3/16 Norf fwsd preliminary report 5 kw self-cooled quenched spark gap 3/16 Request overall dimensions new self cooled 5 kw quenched gap; 876
216630	3-3	TO .1s	
217235	3/8	To Norf	Give new method of design of high speed transmitting and receiving transmitters.
217236	3/8	To Wash	Test sets for manuf of 45 Navy type short wave transmitting sets. Wash. submits estimate 3/22 To Wash--Apprs. 3/26
217237	3/7	To East	Test 10 sets of Wanykes of Wanykes of Navy contacts as listed. East fwsd Wanykes, 3/17 and 3/19

RECEIVING & SENDING SETS

898

Number.	Date.	From or To—	Subject.
✓ 213419	2/3	To John Firth T	Directs fwd immediatly print detail dimensions spark protective device. W Birth fws sample 2/3
✓ 213868	2/7	To T.H. Phillips, Jr.	Reqs communicate with NY and arrange for demonstration of apparatus for the selective control of wireless waves. W To NY—Req complete report after demonstration. 2/7 NY submits result of interview 2/15
✓ 214242	2-5	Washn	Triple type detectors; only 58 in stock; M. Is. requests 54; recommends amount be cut down. W Fwd M. Is. — 2/15 RB 3-26 Fwd S&A — 3/28
✓ 214278	2-8	Marconi Co Marconi Co quotes price 2/20 Marconi Co corrects price 2/28 To--Rect explanation of differences in prices. 2/26	Long wave receiver submitted as sample schedule 9213 and subsequently covered by contract; unable to make changes desired and request cancellation of order per. W To--Receiver in accord with RE 13A 112B with modif satis. 2/12
✓ 214243	2-8	Washn	Submits dated and probable number of Century type buzzers shipped NY. W Fwd NY--2/14 RB 3-13
213985	2/10	To NY <u>VOID</u>	Radio apparatus for installation on Danish post offices. Assigns 1/2 E.W. radio set to. Rect comment as to certain alterations to E tor. W

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 214292	2/10	To M.Is.	Reot ests for design of one 5 K.W. arc radio transmitter. W Is submit estimate 2/28 To—App's est. 3/12
✓ 214437	2-10 To Wash	Marconi Co Fwds encl. 2/27	Valve detectors of improved type; now manufac- turing; will submit sample. W To—Will test bulbs when received. 2/17 Fwd Wash—Directs make extensive test. 2/17 Co will have samples ready for test short ly. 2/10 To—Will hold test of ex. lrs. 2/27
✓ 214411	2-10	NY	Head telephones; radio; shortage in stock; request be replenished. W To—Deliveries expected within next 3 weeks. 2/15
✓ 214464	2/12	To Wireless Spec Co	Reot cost of 100 Baldwin Radio tele head sets now in stock for immediate delivery. W John Firth (H) quotes price 12-13 John Firth have a hundred on hand for French government that can make imme- diate shipment of 2/13 To J. Firth--(H) No. 2/13
✓ 214623	2-12	John Firth To—Gives results of tests. 3/24	Fwds 3 sets Baldwin phones containing mica diaphragm for test. W. To—Will hold test of. 2/17 Fwd Wash—Directs hold test and submit report. 2/17 RB 3-23
3 ✓ 215341	2-5	To P.C. Rawls--Will inform when tests can be held. 3/12 Genl Laboratories Co	New detector for radio frequency osc oscillations. W 2-21 To BU standards directs test 2-21
✓ 215335	2-20	NY	Fwds book of instructions for Lowenstein quenched spark gap as furnished cont 804. W

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
211354	1/12	To NY	Ask what new 1/2 K.W. and 2 K.W. radio transmitting sets have been delivered and are now on hand at NY. W NY reports on status of assignments 1/18
211664	1-16	Phila	5 kw 500 cycle nonsynchronous spark gap. Fwds photos. W
211665	1-16	Phila	5 kw 60 cycle, ditto.
211770	1/17	To Phila	Rotary gaps made by Wireless Spec Co. Repts further report and lists certain data reqd. W Phila will forward report about March 6th/28 Phila will forward report about Mar 13th 3/7
211821	1-16	NY	Quenched spark gap; fwds report of test to determine variation gap length and power, temperature, etc.
212274	1/23	To S&A	Reqt shipt of four oscillion bulbs from NY to Phila. W
212536	1-25	Wireless Spec App Co To—material returned by exp. 2/2	2 boz audion receiving set; submitted for test was received from Boston short detector and phone. W Fwd Wash--For comment. 1/29 Wash have requested company submit description of apparatus which they desire returned 2/8 Fwd Wash--2/10 3-1

RECEIVING AND SENDING SETS: 898

Number.	Date.	From or To—	Subject.	
✓ 212572	1-25	Was n	Circuit breaker for audion detector filament; fws drawings and estimate for manufacturing. W To--Appvs work. 2/5 Wash fws drawings 2/26	
212621	1/26	To NY To M.I.s. -- 4/14	Test of absorbing circuit type of arc relay key. Reqt data and comment on. 1/26 W NY comments on M Is test 2/6 To M.I.s. -- Submits NY comments. 2/26 M Is report on variation of antenna current 3/14 Fwd Wash--4/3/15 4-18	
26127	1/26	Wireless Spec Co	Reports on results with phones, new type B; shows up better than the Baldwin	629
✓ 212251	1-20	M.I.s	Difficulties in using IP 76 receivers with Audions without tikkler coils, submits list of vessels required; estimate for manufacturing. W Fwd Wash--Directs tests be made. 2/12 RB 3-30 To Wash--ask when reply will be required. 3/22 Wash test will be completed March 27th 3/26 To--Submits report. 5/24	
204321		CARD 72	Best standard key contacts; fws prints of contacts, in accordance with suggestions of Mr. Hill; request approval to prevent delay on outstanding orders 1/26 To Best--Appvs. 3/13 Best fws vandykes 3/1	
✓ 212990	1-30	DeForest Co	Oscillian transmitter; request test of. W. To--Reqt data showing construction details. 2/7 Co fws photographs 3/13	
212982	1-30	Bu Standards	Recommends DeForrest audion bulb under test be returned; is exhausted. W	

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.	
209745	12-22	Phila	Spark gap; rotary and nonsynchronous Iwds plan. W	
209748	12-20	Washn	Jove detector stand; JH Brunnell & Co. W To J. H. Brunnell Co.—Gives report of test. 1/9 To—Directs return stands to company. 1/9	
209767	12-20	Washn	Silicon crystals submitted by R. Fite, Bureau Standards, W To—Instrns. 1/4	
209786	12/27	To Wash	Lists apparatus which Bu of Standard will turn into yard. W	
209941	12-22	Washn	Radio receivers for 5 kw sets; second order; asks if same head gears should be supplied. W To—Lists items disappvd. 1/2	
27123	12-23	NY	Low power radio transmitting sets; Sperry Co; reports on test of; submits recommen- dations for modifications.	629
210449	1/3	Richard Pfund	Requisitions 554 and 679, for 5 kw quenched spark gaps; request certain information relative to bids. W To—Gives information re reqd. 1/8 Pfund request exact design desired in spark gaps 1/19	
		To—If will submit drawings, Bu will pass on same. 2/2 Pfund states time too short to submit bids on reqns 554 and 679 2/4		
210430	1/4	To De Forest Co.	Reqt co-operation in keeping number of types of bulbs in stock as small as possible. W Co states holders forwarded Dec 7th for bulbs will hold either large or small 1/5	

RECEIVING AND SENDING SETS. 808

Number.	Date.	From or To—	Subject.
✓ 210503	?	Clark, CH	Experiments for making use of break key for listening in whale sending to determine if receiving operator is getting message. W
209562	1/5	To Ships (8) Pug Sd us 3d gives number of tickers 1/23 JUPITER gives number of tickers 1/29 BUREAU no ticker detector 2/5 ELECTRO 2-18	Recd serial number of tikker detector. WS 3d S&A TOGA no tikker detectors 1/10 29th from PU ELO none on board 1/5 F MAY 1/11 PITTSBURG 1/5 PREBLE RB 1-19
209563	1/5	To NY	Disposition of radio receivers. Instrns in connection with. W
✓ 210784	1-4	Wireless Spec Co	Relay key with manual attached; enters protest against award to other than their firm on Bost regn 325. W Fwd Bost—1/10 RB 1-18
✓ 211009	1-9	Washn	Long wave receivers; submits report on sample submitted under schedule 74; Detrest; Marconi and Nat Elec Sup Co. W Fwd S&A—With rec. 1/13
✓ 211089	1-2	M. Is	Audions for submarines; recommends No 4 be assigned to H-2 in lieu of H-3; and assignment be made for F-2-3 and H-1. W To—Gives action. 1/16
✓ 211103	1-9	Phila	Wireless Spec Co. rotary spark gap; fws photos, and report of test. W

RECEIVING AND SENDING SETS.

Number.	Date.	From or To	Subject.
208618	12-9	L. Is	Request further instructions re disposition of DeForest audion and parts for; shipped under shipment order Feb 28. W To--Fwds copy of shipt order of Feb 16th. 12/16
208642	12-7	M. Is	Simple stage ultra audion detectors; request authority to as. in converted type to LRS; RHO: SUTS; IRO: OLS; W To--Gives action on. 12/16
208929	12-15	Ports	High frequency buzzers; Ericsson type; Portland; request. Request specs of satis type for use shore stations and ships. W. Fwd Wash--Directs furnish info direct. 12/19 RB 1-4 Fwd Ports--1/5 RB 1-11
209038	12-18	Wash Dist Supt	Fwds sketch of connection for ultra audion receiver used at communication office; has 2 to 5 times audibility as the IP76 receivers used. W. Fwd Wash--For comment and rec. 12/20
209127	12/18	To M. Is.	HULL LAWRENCE P. BELL & SONS WASH DC M Is gives name plate data and nos. of remodeled ultra audions issued to destroyers 1/24 on re-modeling ultra audions, and serial number of shipt to above boats. W
209159	12/19	To Atlantic Com Co	To--Acknowledges letter 1/6 with comment. 1/15 Co can supply arret for receiving High speed transmitting key and arret for receiving high speed signals. W. If can supply, same if certain apparatus can be obtained from Western Elec Co 1/6 or give name of manufr who can. W
209653	12-19	Pac FLT SALTEN	Reports on inaction radio installation; Milbourne & Clark receiver sets are too complicated for general use.

391-C

RECEIVING AND SENDING CTS.

898

Number.	Date.	From or To—	Subject.
✓ 209017	12/20	To S&A 4 To Pug Sd—Yard now equipped with 2 audion detectors which should be enough to receive signals. ~~Also~~	Rest shipt of one 3-stage audion amplifier from 4 different yards to Wash for remodelling and disposition. W Ditto 3 shipt repts. 12/21 RB 12-2 Ditto 4 ships. 12/22 Fwd Marine Corps—1/3 Pug Sd recommends retention of for Cordova 1/5
✓ 209220	12/20	To H. Is.	Acknowledg a receipt of report on radio frequency of different coils, and calls atten to fact that report is numbered as an F sheet instead of A sheet. W H. Is fws correctly <u>copy</u> of page 1-5
✓ 209282	12-19	NY	Quenched spark gap; competitive ratings of; fws revised report. W
✓ 209334	12/21	To T. B. Miller	Bu is int. w. et al. i. a small electrolytic detector for purpose of detecting unknowns wave signals. Will be pleased to assist in any manner. W Re—ask when reply may be expected. 12/9
✓ 209339	12/21	To Sperry Co	Informal receipt of letter re delivery of low power radio sets. W
✓ 209465	12/22	To Wash	Rest est for model receiver for 20,000 meter radio receiver of this range. W
✓ 209545	12/26	To S&A	Rest shipt of one Marconi receiving set from ILLINOIS to Wash. W
✓ 209691	12/26	To De Forest Co T	Rest report status delivery 3 short range audion transmitters for ships, reqn 12. W Co (F) 3 low power transmitting sets delivered Nov 3rd, Washington Yd. W 12/27

RECEIVING AND SENDING SETS.

Number.	Date.	From or To--	Subject.
205596	11/15	To S&A	Reqt shipt of certain radio apparatus from Norfolk to Wash for disposition. W
205704	11-14	W shn a	Anode replacements; fwds print. W
206604	11-16	<u>Darien</u>	Audion bulbs; received in bad condition; fwds shipping tags; states improperly packed. W Fwd S&A--12/1 RB 1-10 To--Instrns have been issued covering. 1/11
207049	11-29	NY	Quenched spark gaps; made of copper; fwds plan; request it be delivered NY for test. W To S.H. Dawson--Reqt quotation on 24 sparking surface plates. 1/5 To--Gives action on. 1/5 S. S. Dawson quotes prices 1/23 To Dawson--On completion of experiments will advise. 2/3
207192	12/5	To Chasn	Reqt serial number of combined audion ultra union detector filter type assigned to radio laboratory. W Chasn gives number 12/11
207316	12/5	To M. Is.	Reqt serial numbers of short wave receivers installed on MILWAUKEE, ST LOUIS and BATOCA. W M Is 12/14, Pug Sd 12/28--gives numbers. W
207660	12-6	Phila	Rotary non-syn spark gaps; fwds print (2-letters). W To--Appvs with some changes. 12/11
207925	12-6	Phila	Phila fwds vandykes 1-2 ditto W To--Appvs. 12/11

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 207668	12-7	John Firth	Baldwin phone; troubles experienced with due to bubble in mica die. Have supplied Baldwin with special mica and request test of phone fitted with. W To—Will be glad to make test of if furnished with sample. 12/26
181669	SEE CARD 63		To S&A—Reqt shipt of quenched spark gap and 3 sets treated fish paper gaskets from NY to Norf. 12/8 To NY—Instrns. 12/8 To Norf—Directs overhaul gap and submit report to Bu. 12/8 To NY—Reqt reply to Bu letter of 12-8. 1/12 NY quenched spark gap with fish paper gaskets shipped to Norf 1/13
208098	12/11	M Is	Ticker detectors; detailed report of assignment of W
✓ 208225	12/11	To S&A	Reqt shipt of one receiver transfer panel from Wash to PENNA. W To—Ditto for CONNECTICUT. 12/11 To—Ditto for MICHIGAN. 12/11 To—Ditto for SO CAROLINA. 12/11 To—Ditto for NEW YORK DELAWARE ARKANSAS FLORIDA TEXAS WYOMING NC CAROLINA MONTANA UTAH OKLAHOMA NEVADA BIRMINGHAM OLYMPIA COLOMBIA. 12/12 To—Ditto for VIRGINIA SO DAKOTA S. CAROLINA MINNESOTA COLORADO INDIANA ST LOUIS MISSOURI SAN DIEGO WASHINGTON VESTAL CHAS. SAN FRANCISCO BALTIMORE NEBRASKA BROOKLYN. 12/13
✓ 208226	12/13	To S&A	Reqt shipt of audion amplifier from Fire Island to Wash. W

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
204504	11/4	To GE Co	Fwds copy of radio transmitters blue print specns. W
204790	11-4	NY	Spark gaps: gives proposed distribution of those called for on reqns 679 and 554. W To—Gives distribution of. 11/14 NY asks action taken on requisition 554 12/7 NY asks action on requisition 679 12/7 Fwd S&A—12/14
204984	10-24	Clark, Geo H	Rrc radio transmitter (Hysteresis) key developed by Alexander, of the GE Co. Reports on. W
205009	11-8	Norfolk	Refusal of Washn. Yard to ship more than 12 radio buzzers. Fwd S&A—12/11
205213	11-3	Washn	Washn refuses to fill request for buzzers head sets cords, on account of quantities already shipped. W Fwd S&A—Shipt rec. 11/11
205214	11-7 11-10	Clark, GH Washn	Development of new type radio receiver by enlisted personnel; recommends Gunner Eaton be allowed to take up patent. To Wash—Appve reqt. 12/20
205027	11/10	To S&A	Reqd shipt of 6 audion generator bulbs from Wash to M. Is. W

RECEIVING AND SENDING SETS.

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Number.	Date.	From or To—	Subject.
191591		SEE CARD 68 Mellon asks where receiver is to be sent for test 1/9 Fwd Wash—1/12 RA—27 To Mellon—Comments on tests. 1/29	To Mellon—Apparatus at Wash. Can make repairs if desired. Test will probably be held about Nov. 20. 11/11 C. M. Mellon request receiver be re- turned by express 11/28 To Mellon—Have made arrgts to ship by express 12/5 Fwd Wash—Instrns. 12/5 RA 12-12 Reqt shipt of radio receivers from Phila to Wash for disposition. W
205358	11/13	To S&A	
205402	11/13	To Panama Canal	Fwds copy of specs for 1 2 5 and 10 KW radio transmitters. W
205454	11-9	At Flt	Buzzer instruction sets; fwds print and description of. W. To Wash—Directs prepare plans and est. 11/24
205459	11-11	DeForest Co	Oxide filament tubes; revised bid giving prices, terms of payments, and copy of injunction against Marconi Co. W To—Have appvd reqn for 925 tubes. 11/21 Co ack and thanks 30 for continuing this type of apparatus on proprietary basis 11/25 Reqt shipt of certain receivers from NY to Wash for disposition. W NY reports 12/7
205398	11/14	To S&A	
205535	11/14	To Phila	Ask present locatation of Fessenden radio receiving set Type G Serial #15, last report loaned to CUMMINGS. W Phila Fessenden receiver, type G #19. In Machinery Division 11/23
205391	11/14	To S&A	Reqt shipt of radio transmitting sets from NY to various ships. 918

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
203063	10/20	To M.Is.	Ask what ships receivers #W-41. Ab #W-42 Ab #W-60 and #W-55 were installed on. W M.Is gives assignments 10-31
203299	10/17	Fed Tel Co	New type of relay key for use of arc sets, called hysteresis key. W To--Will test key at Arlington. 11/8 Fed Co. quotes 11-13 To--Comments on. 1/4
203492	10/25	To Marconi	Ask if will submit audion detector and oscillator bulbs for test. W
203634	10-26	NY	Fish paper gaskets for quenched spark gaps; proposed specs covering. W To--Appvs drawings with recommendation. 10/28 NY fws vandyke showing gaskets 12-20
203675	10-19	Marconi Co T	Request curves received reduction for incorporation in new receiver. W
203708	10-22	Butler. RM	Asks if can buy IP76 receiver. W To--Not often sold to public. 11/2
203790	10 25	Was n	Misc receiver drawings; fws. W
203955	10-23	DeForest Co	Receptacle and plug for Navy audion bulbs; fws print. W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
203832	10-28	Austin, Dr LW	Special detector bulb; fwds report on. W
✓ 203833	10-28	Austin, Dr LW	Oscillating audion; measurement of radio signals with; fwds report.
✓ 203835	10-28	Austin, Dr LW	Reports on use of nitrogen for filling audion bulbs. W
203989	10/30 NY revision will be completed by Dec 9th 12/6	To NY	Ratings for quenched spark gap. Appvs general method of determining the value by quality as well as by price. Offers suggestions. WH Ask when corrected drawing will be received. Holding reqn. 11/28
✓ 204091	10/31	To Gen. Elec. Co.	Reqd status of development of magnetic control key for use with radio telegraphic systems. W
✓ 204094	10/31	To Wash	Fwds print of DeForest Co showing dimensions and structure of audion bulbs and receptacles. Directs prepare print showing tip only of bulb. W
✓ 204321	To--Instrns 12/9 11-1 Bost		Bost fwds prints and sample 12-18 Standard key contacts; fwds drawing. W To--Drawing disappvd. 11/4
204448	11-2 Washn	To--Will use 3 sizes as listed. Directs draw up new drawings. 11/27	Best print showing size recommended 11-14 Receiver plans; fwds W Best fwds plans 12/6

CARD 77

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
NY Reqn 554	10/10	To NY	List modified in reqn for 12 quenched spark gaps with spares, for stock.
201953	10/11	To Benj Liebowitz	Temperature of incoming and outgoing water of a Poulsen arc; fwds data of test made at radio station, Bost 876
✓ 202060	10/12	To De Forest Radio To—Comments on proposed changes. 10/19 Co data not yet received 10/19 Bost fwds prints with estimates 12/12 To—Shi—335 & prd, work auth. 12/14	Gives changes contemplated in award recently made to, in the audion control boxes. Reqt est. inc. cost. W To Wash—Reqt plans and est for audion adaptors. 10/12 Co states changes desired will entail long delay and heavy expense; suggests another plan 10/13 To—Comments on requirements. 10/17 Reqt shipt of one 5 K.V. radio trans mitting set to Key West. W To—Reqt shipt of one 2 K.W. trans set to NY. 10/17
✓ 202211	10/13	To S&A To Key West—Reqt plans and est for install of. 10/17	
✓ 202458	12/14	Marconi Co To—(T) Proposed change specs embodied new specs to be issued shortly. 10/19	Radio receivers; specifications for; states in order to meet specifications covering variable condenser, either a very large condenser or a large number of air index taps required; request instructions. W To (T) request wire reply 10/18 To—Specs have been revised. 10/18
✓ 202569	10/14	Dr. L. W. Austin	Rooms Oscilaudions; reports on test of, comparison with De Forest audion bulbs. W
✓ 202682	4/21	NY	Copy of radio to WYOMING, relative to ratio Hudson filament and Western Elec bulbs. W

RECEIVING AND SENDING SETS.

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Number.	Date.	From or To—	Subject.
✓ 202600	10/17	To DeForest ~~DeForest, re: futh. or data~~ ~~re: first filament 10-31~~ To—Gives data re: reqd. 11/2	Re: est on manuf of one experimental audion bulb. W De F Co reports mailing to Bu Standards 10/20 To—Thanks for prompt action. 10/24 To—Re: another audion bulb. 10/30
✓ 202587	10/17	To Key West	Have re: audion amplifier shipt to Wash for remodelling. W To S&A—Re: shipt of one audion amplifier from Key West to Wash. 10/17
✓ 202013	10/16	To Commandants and CO	Disposition of old radio head tele sets. Directs forward to Wash for repair and reissue. W Key West -- 2/18. W To Key West -- 4/27 American Patrol Detachment--CO Raleigh, N.C. on radio set 11/1 To S&A Re: shipt. of telephones from Wash. to R.L.I.G.H. 12/3
✓ 203038	10/19	Wireless Spec App Co To—Test will be expedited 11/21	Rotating spark gap; states will submit sample if any prospect for orders. W To—Will conduct test at Phila. 10/23 Fwd Phila—Copy of above letter. 10/23 RB 10/31 Wireless Co re: Phila test 11-18 Fwd Phila—11/21
202838	10/20	To Wash	Re: drawing and est for manuf of 20 long wave receivers. W
202839	10/20	To Wash	Ditto for 36 short wave receivers. W
203061	10/20	To NY	Gives assignment of Navy type receivers short wave. Ask what ships were installed on. W NY gives assignments 10-30 To—Ask what ship receiver No. 2 installed on, or where located. 11/2 NY assigns AA receiver No. 2 WILLIAMS 11-15

1916

✓10

RECEIVING AND SENDING SETS.

Number.	Date.	From or To.	Subject.
197697	8/26	To Phila	Radio telegraph detector protective relay wiring diagram; desires alteration of drawing and revised prints issued to Bureau and the other yards. W Phila fws revised prints 9/5
198408	8-25	M.I.s	Audion and ultra audion, combined detectors; gives assignment of these on station and request authority to assign 4 in stock to Radio Laboratory, Eureka, S UTH DAKOTA. W To—ppvs assignments. 9/15
198566	9/6	Marconi Co	Asks what is considered an efficient radio receiver coil; also copy of Dept's classification of radio apparatus. W To Wash Id has been instr to send prints. 10/10 To Wash—Reqt to fwd prints of tests recently made on the constants of rec. coils. 10/10
198876	8-21 9-9	Portland Radio Sta Supt	Quenched spark gap; scheme for operating; fws plan W To Supt via Bost—Comments on. 10/16
199085	9-9	Washn	Crystal detectors; and phones for radio receivers recommends changes instructions as to what is to be shipped with new and repaired sets. W To—Gives instructions. 9/28
198954	9-14 ~~21-22-23-24-25-26-27-28-29-30~~	To S&A. (10)	Reqt shipment loading coils from Wash to Yards. To S&A—Ditto. (12) 9/15 To S&A—Ditto. (21) 9/16 To S&A—Ditto. (26) 9/19 To S&A—Ditto. (8) 9/22

RECEIVING AND SENDING SET. 898

Number.	Date.	From or To--	Subject.
✓ 199840	9-19	Austin, Dr. LW	New oscillating audion circuit; prelim report. W
✓ 199071	9-22	To NY.	Gives assignment of quenched spark gaps under contract 804 NY. W NY assignment of 10/6
200293	9-23	Norf	5 kw self cooled quenched spark gap; fws plan. W
✓ 200513	9-25	NY	Quenched spark gap, fish paper gaskets for; fws print describing method of installing. W
✓ 200563	9-28	Pug Sd T	Standard two KW transmitting set; request plan. E
✓ 201190	10-5	Asixtic Flt T	Reqt 200 ultra audion bulbs. W To S&A--Reqt shipmt ultraidion bulbs to Cavite. 10/6
201495	9/29	M Is	Location of ticker detectors. W To--Reqt information of assignment of tickers to complete Bu record. 10/28
✓ 201316	10/6	To M. IS.	Remodelling of audion amplifiers. Reqt infor as to when this work will be completed. W
M Is (1) request authority to assign audion to Standard ZERO and ORION 8/24		To--Auth conversion of. 10/27	
To--(1) Disappvs. 8/24		Reqt shipmt of radio apparatus from Phila to Wash. W	
✓ 201414	10/7	To S&A	Phil'a receivers ex ALABAMA shipped NY 10-28
Fwd S&A--11/2			

RECEIVING AND SENDING SETS;

1416

Number.	Date.	From or To	Subject.
195009	7-29	To H.V. Roome.	Super-sensitive oscillation; offers to test apparatus at Bu Standards. W
	11/22	Roome comments on report of test	Roome reports shipment of 12 oscillation bulbs for test 8/3
	1/5	To—Bu will co-operate in any tests.	Roome entire lot can be used 8-15
		Roome reports reasons for delay in sending sample oscillations	2/6 To—Gives result of test. 10/18
195120	7-31	To Phila. RB 3-23	Radio telegraph; caps; non-synchronous; rec'd copy of drawings. W
			Phila fws plans 8/11
195414	7/27	F. Lowenstein	Lowenstein quenched spark gaps; request that requirements of 1000 volt per gap be waived in gaps to be furnished under contracts 804 and 25028; gives reasons; NY disapproves. W
	8/2	NY	To NY—Instructions. 8/7
176539		To Flecher—Will return trans by express. 1/25	
		CARD 59	Andrew Flecher; states apparatus sent was a transmitter and not a receiver; claims possessed is a thief 8/3
		Fwd Wash—Ask if apparatus on hand at Wash. 1/11	To Flecher—Refers to Patent Of ice. 9/23
		Wash telephone transmitter turned over to shipping section for ship	Flecher will submit a correct and true model 10/19
		ment to Flecher; now model not to	To Flecher—Will make test of. 10/30
195819	8/7	John Firth	Flecher request return of model 1/6
			Request return of combined composition receiving set, wave meter and decimeter submitted under schedule 9213; request be returned over to Bureau of Standards. W
			10 Wash—Directs be turned over to Bu Standards. 8/14
195865	7/18	Phila	Rotary non-synchronous spark gaps; gives list of those being manufactured and requests stock number for. W
	8/8	S&A	S&A request action 9-12
			Fwd S&A—11/14

RECEIVING AND SENDING SETS: RADIO. 898

Number.	Date.	From or To--	Subject.
✓ 195915	8/4	Washington	Reports on test of the Mignon radio receiver, submitted by the Electron Mfg Co. W To--Mignon Wireless Corp. - quotes Report -8-23
✓ 196276	8-12	To NY-M.Is-Phila.	Asks disposition of Fessenden heterodyne receivers. NY shipped Newport with SALEM set 8-17 To Canal Zone--request report on receiver 8/22 RB from M Is--located at yard; reports on 8/30 Darlen 8-31
196544	8-15	To Wash.	Directs yard prepare design of container for "B" batteries of audions. W Washn submits estimates 9-19 To--Gives directions for manuf and delivery of. 10/12
196834	8-16	NY	Marcani duplicate break relay keys; unsatis; test abandoned. W
197096	8-9	NY	Spark gap units; recommends silver surface in lieu of copper of all units for. W Fwd S&A 8/26 RB 9/23 Fwd S&A--Rec be no resilvered. 9/26
197251	7-17	Olongapo	Spark gap plates; repairs to; plan. W
✓ 197340	8/21	John Firth	Request revised specifications for sending sets; asks also for copies of blueprints. W

RECEIVING AND SENDING SETS;

1916

Number.	Date.	From or To—	Subject.
✓ 191476	6-22	To S&A.	Reqt shipment ultradion detectors and bulbs from Wash to M.Is. W
			Fwd Wash—11/20 RB 12-7 Mellon reqt cabinet be sent to him 11-17 Mellin reqt appt 11-7 To—Gives report of test. 10/30 Simpler. states Mellin can remedy 11-4 Radio receiving apparatus which permits cutting out all except message to be received; request investigation. W
191591	6-24	To Simpler. 11-7 Co makes appt 12th 10-9 10/11 Fwd Wash—Will test Oct 12 10/11 RB 10/28	To—Offers to test at Wash: 7/29 Hand keys for relay keys - send prints to Boston and Bureau W NY fws prints 7/6 NY fws corrected drawings 7/24
✓ 191799	6-26	To NY	Clark on leave - suggest appt. Wednesday W
✓ 191808	6-24	To De Forest	
✓ 192319	6-30	NY	4 Federal Co radio receiving sets under purchase contract 350 ordered shipped Wash; already issued. W Fwd S&A--Rec shipment be made. 8/8 RB 8/25 Fwd S&A--Noted. 8/31
✓ 192240	?	Fitch, RO	Belini crystals for wireless detectors; request orders for. W To-- Offers to make test of at Wash: 7/13
✓ 192482	7-3	NY	Lowenstein 10 kw radio transmitter delivered contract 24700; fws description, list of spares, etc. W
✓ 192398	7-3	To NY.	Reqt plans of main operating keys for use with 30 K.W arc radio assets; asks assignment of same to date. W NY operating keys, arc set; fws plans 7/20

RECEIVING AND SENDING SETS. ADM

Number.	Date.	From or To—	Subject.
192623	6-24	<u>NY NM</u>	Request wiring diagram for radio receiving and sending sets. W for instruction purposes. W
193853	7/17	De Forest Co	Fwd Washn re control panel 8-21 RB 9/1 Quotes price and requests Bureau purchase an oscillation transmitter panel and cabinet now at laboratory, Washington yard. W
	8/9/7	To S&A--(2) Reqt shipment gen set to ~~Marx~~ Pug 3d and anode holder to Guantanamo. 8/9	Fwd Wash--For comment and rec 7/20 RB 7/28 To Wash--Bu has prepared reqn for oscillation. 8/9
193853	7/17	De Forest will make control panels 8-14	To--9/5 Quotes price of adapters for the 5000 hour ultra audions; all ultra audions will now be manufactured in company's own glass department. W To--Comments on; Bu will prepare reqn for 100 adapters for use with present audion control boxes. 7/25
193863	7/17	Dr. L. W. Austin	Adjustment of audion circuits; reports on. W
194239	6/20	Asiatic Flt	Receivers assigned to DALE, ELCANO, BAIN- BRIDGE, GALVESTON and HELENA; one for store. W
194312	7/14	M Is	Batteries for three stage amplifiers; asks when shipment may be expected. W To S&A--Reqt shipment of firm Wash. 7/31
194298	7-22	To Norf.	Radio telegraph; reqt yard prepare and forward to Bu complete set of specfns for reactance regulators. W Norf understands ground covered by conference of yard's radio aide with Bu's force 7/27 8/1
194637	7/26	Dr. L. W. Austin	Reports on buzzers submitted by Col. Firth. W To John Firth--Returns sample, satis. 8/9

RECEIVING AND SENDING SETS.

1916

Number.	Date.	From or To—	Subject.	
188143	5/18	To New Orleans	Radio stock; asks whether steps are being taken to carry stock as req'd by 169880-876; asks if stock of audion bulbs is adequate	876
188508	5-17	Washn	Reports on test of Hallberg relay.W Fwd Nori— 5/26 RB 6/6 To—Directs modification in design and manufacture of 5/26 Fwd Nori— 6/20 RB 6/26	
188479	5/20	To Sub Sig Co	Suggests use on audion in connection with test of sub signal receiving sets; reqt apparatus be ready by June 19th	711-3
188838	5-24	Mignon Wireless Corp	request test of radio signalling receiving cabinet that will receive damped and undamped waves.W To—willing to make test at Wash Yd 5/27 Co cabinet completed; reqt shipping specs 7-2 To—Ship to Wash Id. 7/13	
188999	5-22	Phila	States IP portable receiver 218 reported lost on Phila survey 103-40 is probably on board CAESAR; removed without authority by CAESAR operator.W To CAESAR—reqt serial numbers of sets receivers on board 5/31 CAESAR gives number 6-6	
189232	5-25	Dubilier, W.	Request test new form small range radio transmitter.W.	
188385	5/27	To Comandants and COs	Audion bulbs; when filaments burned out, effort should be made to reunite ends; record to be kept of each bulb through Wash Id; bulbs should be promptly disposed of when they become unserviceable.W To Wash—Fwda copy above; reqt record x system for audion bulbs issued. 6/8	
M is reports on test of 25 repaired audione bulbs 7/18		To M. Is. Comments on 8/4		
		To UPAB—2/12		

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To--	Subject.
✓ 189232	5/27	To William Dubilier	Willing to test small range radio transmitter at Wash Yd after first testing at NY; sample buzzer should be shipped to Wash. for test. W
189233	5/27	To NY	Directs test of William Dubilier's small-range radio transmitter. W NY reports on test 6-23
190075	6-5	Washington	Test of portable receivers: received under sched. as 213; report by GH, Clark. W To S&A--Rec as to award. 6/8
✓ 190342	6-8	Navyn	Request audion bulbs and batteries for observatory. W To S&A--Reqt apparatus be furnished. 6/10
✓ 190971	6-16	To Wash.	Reqt information as to present condition of certain radio receiving sets. W Washn 6-27
✓ 191286	6-12	Austin, Dr. LW	Permissible wave lengths with spark sending set; reports on. W
✓ 191302	6-13	At Flt	Comparative test of Western Elec and Hudson filament bulbs. W To Asks type of detector used in tests. 7/6 At Flt silicon antimony detector used during test 7-8 To Western Elec Co--Gives results of tests. 7/19

RECEIVING AND SENDING SETS:

1916

Number.	Date.	From or To--	Subject.
✓ 185905	5-2	To Wireless Spec Co.	Offers to test set of mica transmitting units at Radio, on the 5-K.W. spark set. W Frith handled by him personally 5-4 At Torp no added apparatus 5-8
✓ 186798	5-3	Bost To Bost--6/28 Bost print 6-20 To--Reqt single key contact be designed. 5/25 To NY--fws copy above. 5/25 Bost fws schedules 6-2 Bost fws vandykes 6-13	Bost revised plan key contacts 8-30 Auxiliary hand radio keys for 2 and 5 sets; fws prints. DW To--Waiting drawings from NY. 5/8 To NY--Asks if standard ready key has been designed at NY. 5/8 To Bost--6/23 NY fws white prints 5-16 To Bost--Appvs with additions. 6/6 Reqt data on design and manuf of radio transmitting set embodying the Chauffee arc principle; Bu will be pleased to designate a representative to witness ites operation and test. W
✓ 186394	5-3	To Putting & Washington.	
186954	4-26	M.I.s	I-P-76 receivers; request list of serial numbers and location of all sets now on Pac Coast. To--Submite list: 5/28
✓ 187095	5-4	Manhattan Elec Sup Co	Arc radio receivers; amateur type; fws catalog and request specs covering requirements. W
✓ 187248	5-5	Lavender, Lt RA	Reports on test of direction finder on BIRMINGHAM. W
✓ 187301	5-9	Marconi Co	Will submit sample spark gap for test to NY. W To--Reqt sample be completed and submitted for test: 7/20
196798		ABOVE	Bost key contacts; thread per inch not common standard 7/13 To Bost--Appvs RB 26A-1064A as standard. 7/19 Bost fws vandyke 7/31 To Bost 8/25
Bost standard key and prints 7/15		contacts; fws vandykes	

BELOW

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 187376	5-4	At Flt	Comparative test Hudson filament and Western audion bulbs; favors Hudson. W
✓ 187653	5-12	To Western Elec Co.	Notifies of shipment of long wave radio rec set to CO from Wash for experimental work. W To S&A—Reqt for shipment. 5/12
187909	5-13	Washn	Submits estimate for manufacturing 25 receiving switch panels for radio receiving table. W
✓ 188284	5-16	Clark, GH	States receivers returned to Washn Yd for repairs generally gave vital part of apparatus removed making them scrap material only; request instructions prohibiting any change in or removal of any part of. W
✓ 188296	5-18	At Flt	Fwds table showing number of bulbs used by various BS, and source of current supply. W
188139	5-18	To Wash.	"1916 May" order for 50 short range radio receivers; reqt estimates for manuf. W To Wash— Ditto for 20 long range radio receivers. W Washn estimated held up waiting results of experiments 8-23 To—Comments on. 11/11

RECEIVING AND SENDING SETS:

1916

Number.	Date.	From or To—	Subject.
185165	4-17	Washn	Ultra audion bulbs; recommends changes in specs.W.
185444	4-17	At Flt	Belini Rasi direction finder; correct to within 3 to 5 degrees on BIRMINGHAM; if other vessels to be fitted recommended wooden mast and hemp rigging. W Fwd Dept 1a Rad Ser--Comments on 5/6 RB 5/24-- GAR does not consider practicable to use only wood masts and hemp rigging. Fwd Dept--5/2
178193	4-22	SEC CARD #60 To Dept Interior--(Secsig) Reqt patent of Kolster be given precedence ahead of routing applications. 5/8 To Atl Flt--Reqt arrangements be made for quarters for Lowell. 5/16 To S&A--Reqt shipment Kolster meter from Wash to FLORIDA. 5/16	To Atl Flt--NY--Radio direction finder; J.A. Kolster of Dept Co. Inc. will report to yard in connection with installation on WICKING; expenditures and cost in advance of estimates. To S&A--Reqt ship out "Kolster meter from to NY for 4/22 Fwd Col--Reqt contract be made/ 4/22 To Atl Flt--Directs transfer of radio direction finder be transferred to another ship for test. 5/6 Fwd Dept--Noted. 5/23
185905	4-20	At TorpmFlt To S&A--Reqt shipment. 5/23	Radio direction finder; reports on use of; not accurate if shore stations short wave lengths. W To Via Atl Flt--Comments on; continue experiments on. 5/2 Fifth To Via Atl Flt--Suggests certain experiments be made; have Reqt shipment of audion for use in test. 5/22 NY 1851194; tabular mentioned a Ark can; reqt Marconi Co be encouraged to submit sample for test. W-R To Marconi Co--Ser. 1a sample must be tested before award can be made. W-R
186288	4-29	NY	Naty type radio receivers; request operating instructions. W Fwd Wash--Directs NY be furnished. 5/3

COPY OF AGREEMENT FILED 11/14,

RECEIVING AND SENDING SETS. 698

Number.	Date.	From or To—	Subject.
✓ 186326	4-29	Clark, GH	Chauffee arc transmitter; report on. W
✓ 186418	4-17	Newport Radio	Fwds unsatisfactory audion bulbs (Nor rece)
✓ 186348	4-25	M. Is	Spark gap; mica rings; rect specs covering. W Fwd NY—For above information. 8/5 RB 5/18 To NY 8/25
✓ 186518	5-1	DeForest Co	New type ultra audion receiver; change will permit secrecy. W To—Comments on; offers to test apparatus at Wash Yd. 8/15 To Wash—Re test of. 5/17
✓ 186498	4-29	Clark, GH	Recommends that sample No 6 head telephone be returned to Wireless Imp Co W
✓ 186251	5-1	To Manhattan Elec Sup Co Clapp-Eastham Co. Wireless Spec Co.	Asks cheapest small compact radio tele- graph receiver, amateur type, carried in stock W Wireless Spec Co quotes prices and time of delivery. 5/2 Clapp Eastham 5-8
✓ 186607	4/30	G. H. Clark	Direction finder; gives description of newform developed by the Bellini-Tosi Co in France. W
✓ 186669	5/2	Stromberg, Carlson Co	Rect report on test of radio head set. W To—Bu will furnish copy test. 5/6 To M. Is—Rect copy test. 5/6 RB submits copy of report in triplicate. 5/20/7 To—Quotes report of test. 6/7

898 RECEIVING AND SENDING SETS:

Number.	Date.	From or To—	Subject.	
✓ 183898	4-7	To NY. (R)	(Cross) Asks date completion test 5 K.W. radio sets for JAMESON ROMAN DAVIS ALLEN. W NY (r) Not until Aug 1st 4-8	
✓ 184429	3-6	Commander Welles	Bellini Toaf direction finder; request description of. W	
184133	4/11	T. Marconi Co	Bu has recommended award to contract under schedule 9245 to Marconi Co for direction finding apparatus; recd copy of description of apparatus together with prints	876
✓ 184642	4/13	De Forest Co	Writes further relative to the Tungsten filament bulbs; states will fill order on requisition 479 with Hudson filament. W	
184488	4/13	To Radio	Directs audion amplifier now at station and no longer required be turned in at Wash for remodeling	841
184704	4-17	To GE Co. Western Elec Co.	Gives outline of conclusions arrived as to use of radio telephone from operation of apparatus installed in the Fleet. W	
185002	4-13	AUSTIN, Dr. LW	Reports on test of Western Elec Co detector bulbs. W	
185129	4-18	Wireless Spec App Co Wireless Co. commence delivery next 30 days	Detector renewals for; suggests changes in requirements of contract 405.W. To Wash—Fyde sample for use in inspection on deliveries. 4/27	

RECEIVING AND SENDING SETS:

Number.	Date.	From or To--	Subject.
181452	3-13	To Pug Sd.	Gives assignment of audion ultraudion detectors. To M.1s--Fwds copy above. 3/13 To S&A--Reqt shipment detector from Pug Sd to Tatocosh. 3/13 To S&A--Reqt shipment of detector from M.1s to Cape Blanco. 3/13
181685	3-10	DeForest Co DeForest make allowance \$50 4-15	Will fill order under regn 497 with lamps containing Hudson filament; are forwarding Tungsten filament audion tubes to Laboratory for test and request permission to supply this type on future orders. W Fwd Wash 3/20 RB 3/22 DeForest Co delay in securing wire 3-21 DeForest no reduction in price 3-30
181907	2-27	Olongapo	Submits estimate and request authority to manufacture spark gaps for repairing quenched spark gaps. Fwd NY for recommendation 3/20 RB 3/30 To--Auth manuf of: Furnish NY with sample plate and furnish Bu with description. 4/7 To N.Y. fws. Cavite method 8-28
181889	3-18	To NY.	NY reports on 11-3 Norf type Reqt comparison be made between various spark gaps on regn 1194 and those of M.1s Norf and NY types; have reqt shipment of spark gaps from M.1s and Norf to NY 3/18 W To Norf--Fws copy above. 3/18 To S&A--Reqt shipment spark gap from M.1s to NY. 3/18 M.1s fws M.1s test: shpd NY10-16 To S&A--Ditto from Norf. 3/18 NY status of mfg 3-31 To NY--Asks if other assignment necessary. 4/6
182167	3-13	Austin, Dr	Reports on test of Western Elec Co radio detector bulb; of lon er life than DeForest Audion. W To Western Elec Co--Quotes report of test. 4/17

RECEIVING AND SENDING SETS 898

Number.	Date.	From or To--	Subject.
182182 M. Is 4-22 Fwd Wash-- 5/9 RB 5/23 M. Is submits data on 5-6 To M. Is--Auth changes in: 8/15	3-21	M. Is	Conversion of 3 stage audion sets into single step detector; submits print showing proposed method; request authority to change installation in TBDS.W Fwd Wash--For comment and rec. 3/22 Bost fwrds G.H. Clarke comments and prints 4/5 Fwd M. Is-- 4/10 RB 5/8 Fwd M. Is--Auth for running in apparatus. 4/17
182105	3/20	To Wash via S&A	Reqt shipment to Cavite of Hudson filament bulbs for use in connection with radio audion receiving apparatus. 876
182327	3-22	Washn	Reports number of receivers manufactured during 1915. "
182622	3-20	NY	Recommends Bureau assign necessary detectors and telephones and receivers for all new installations. W To--Sets issued in future will be equipped with tele head setn and detector. 3/27 To Wash--Reqt sets be equipped when issued by yard. 3/27
182710	3-24	DeForest Co	Special audion amplifier detectors; states recent approval changed from 5000 to 1000 hours; gives reason for.
182778	3-18	M. Is	Audion bulbs; states 50% of recent shipment have reversed grid and wing colored sleeves. W Fwd Wash-- For comment and report. 3/25
182887	3-7	Marconi Sarnegie Co	Special form of mercury interrupter sending set supplied with Pierce sets; request report; Yards forwards. W. To--Reqt detail of information desired. 3/29 Marconi Co gives reasons for 3-31 To--gives data on. 4/5

RECEIVING AND SENDING SETS.

1916

Number.	Date.	From or To	Subject.
✓ 180277	1/21 2/28	Cavite S&A	Standard radio receiving sets, type IP76: stock exhausted; asks if to be furnished with additional: W Fwd S&A--Bu will make shipment. 3/4
180261	2-28	To NY.	Expedite completion of Mark VI radio wave changers and loading coils now under manuf. W To-- Letter should read "Mark VII" in lieu of Mark VI wave changers. 3/4
180262	2-28	To Wash.	Prepare reqn for 25 radio audion-ultraudion detectors similar to those purchased under contract #184. W
180392	1-20	Bur au Steandard	Relative to direction finder developed. W
180398	2-21	M. Is	Ultra audion bulbs; submits specs recommended for. W Fwd Wash-- For comment and rec. 3/7
✓ 5 180821	2-29	Great Lakes	Wireless relay and recorder submitted by Dr. Hall; recd authority to test. To-- tests authorized. 3/6
✓ 180685	2/26	M Is Fwd S&A-- 4/6 RB 4/29 To S&A-- gives assignment of receivers. 4/5 M. Is gives distribution of receivers	Receiver No. 21, originally assigned MAUREE, is assigned Yerba Buena; No. 25, originally assigned Radio Laboratory, assigned MAUREE. W 4-13-- Asks when rec'd and under what auth. 3/7 in office 3-23
✓ 180649	2/29	Dist Supt Bost Bost monthly report 5-12 Fwd Rad Ser 5/17 RB 5/20 To Bost-- 5/23	Report of test on Bellini-Tolai direction finder conducted in connection with Cape Cod Station. W To Bost-- Comments on. 3/16 Bost submits report 4-6 Fwd Dept via Rad Ser-- 4/14 RB 4/20

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓180643	3/3	Emil J. Simon	Reqn 1194 for quenched spark gaps; relative to submission of sample sets Fwd NY-- 3/7 RB 3/13 To--Will be necessary to submit samples. 3/7
180889	2-24	Washn	Radio receivers for first lot of 12 kw sets.W
180892 VOID	3-2	Arlington	Request increase in money allotment.W
180869	2-26	Stotz, Gunner C.C.	Fwds description of design arc relay Recommends adoption for all 15 and 30 kw stations; also reimbursement for patents.W Fwd Dept--Rec be auth to patent invention.4/10
✓181330	3-10	DeForest Co	Quotes price \$1000 for 6" bulb transmitter complete with ultra audion receiver. W To--test information in connection with proposed undamped wave transmitter for submarines. 3/14 DeForest answers 3-29
✓181329	3-10	DeForest Co	Quotes price \$1000 for DCQ quenched spark transmitter submitted for test. 3/17 RB 4/18 Fwd Wash--for comment & rec. 3/17 RB 4/18 To-Bu will repair transmitter. 5/9 To Wash--Return to CO after test. 5/9
✓181408	3-11	Great Lakes	Dr R.E. Hall's wireless relay; fws result of test and sketches. W
181491	3-4	At Fleet Personal	Recommends Kolster direction finder be sent to WYOMING for test.W
183342	3/20	San Juan	Fwds schedule of communication with TENNESSEE and reports trouble with ultra audion bulbs 635

REPAIRING AND SUPPLYING

Number.	Date.	From To	Subject.
178846	2-10	Clark, GH	Reports on audion bulbs turned in by New Orleans. W
179227	1-10	Cavite	Radio receiving sets: IP-III: reports stock exhausted. W Fwd 3&A--Have recd shipment for stock. 3/13 To Asiatic Flt--Have recd shipment of 3/13 To 3&A--Recd for shipment. 3/13
179240	2-16	To Atl Sub Flo. Pac Tor Flo.	SUBS: have recd shipment of radio audion receiving apparatus for: recd report on after thorough trial. W To 3&A--Recd for shipment. 2/16
179339	2-16	DeForest Co	1500 Hydson filament bulbs: cannot proceed with order until delivery is completed on reqn 445.W.
179340	2-16	DeForest Co	Cont 184: 200 bulbs: claims payment for 187. W Fwd Wash Via 3&A--Rec payment in full. 2/21
179317	2/9	Pac Flt	Fwds suggestions of Gunnér W.N.Fanning, for using different tones instead of dots and dashes for sending code messages; typewriter and duplicator, operations of shore stations 876
179472	2-18	To NY.	1-K.W. radio transmitter: fwds description of for use in connection with test of apparatus upon delivery. W
179639	2-10	M. Is	Fwds letter from B.M. Burgland quoting price and guaranteeing ability to refill unserviceable audion bulbs. W To--Submit requisition for. 2/25 M Is contract awarded F. H. Gerruth: will submit report when bulbs are returned, etc 2/9

RECEIVING And SENDING SETS. 898

Number.	Date.	From or To—	Subject.	
179566	2/19	To BIRMINGHAM	Bellini-Tosi direction finding apparatus: asks disposition of	138-6
179638	2-11	M. Is	I-P-76 receivers in store; recommends distribution to CORP Destroyers. W	
To--	6/7	To M. Is. Receivers check with Bu record with exceptions.	M. Is. (1) request action 3/25	
To--	asks disposition 8/22	10/4	To-- (1) Issue authorized. 3/25	
✓179743	2-16	M. Is will submit later 8-31 fwds list 9-21 M Is 10/12	To-- (1) Issue authorized. 3/25	
2-19	Ports S&A		To-- (1) Issue authorized. 3/25	
179546	2/19	To Atl Flt	Marconi receiver turned in by TENN: asks disposition. W	5-4
			To 34A--Have retad shipment to Wash. 2/26	
			To 34A--Rest for shipment. 2/26	
179899	2-23	NY	Fwds copy Notice to Mariners in which an- nouncement is made of opening of Naval Radio Direction Finder Station at Cape Cod; Reqd Nav ships avail themselves of this sta- tion and report be made as to value of	802
✓180100	2-11	M. Is	Transmitter inductance coil: values of inductance: fwds report. W	
180293	2/23 2/28	National Elec Sig Co NY	To-- Asks when est may be received. 8/12/16 RS design in experimental stage; est in about 1 mo. Receiver panels: relative to suitable material for W	8/18

RECEIVING AND SENDING SETS: 098

Number.	Date.	From or To—	Subject.
✓ 177732	1-26	DeForest Co.	Rect authority to test single bulb Oscillation telephone and telegraph transmitter at Washn laboratory in lieu of on a vessel. W Fwd Wash-- 2/7 To-- Offers to test at Wash? 2/7 DeForest Co reports shipment 2-8
177717	12-6	Austin, DR	Reports on life test of audion bulbs. W
177849	2-1	NY	List of receiving sets shipped Washn 2 Fwd Wash-- 2/3
178193	1/28 2/3 2/4	Dept Commerce Supt Radio Dept	At Ft installed on FLORIDA for test 5-9 Reports development of radio direction finder and states are prepared to demon- strate to Nav. Department Fwd Dept-- Noted. 2/7 Interior 5-16 Dept Commerce By Standards will demonstrate 2-7 Fwd and Ser-- 3/11 To Dept-- Re receiving P.A. Volater services, 3/11 To Dept-- Re contract for patent 15,000. 4/10RB 4/21
178184	2-4	To SEA.	Rect shipment automatic transmitting apparatus from Norfolk to Wash. W
178402	1-29	Pac Flt	Submits recommendations for connections for ultra audions. W
178393	1-30	AtaFlt	Radio direction finder; asks if one developed by Bureau of Standards is satisfactory. W
178432	1-28 To--Noted results test. 3/4	Robertson, CA	Offers to submit low wireless relay and recorder for test; invention of Dr. R. Hall: W Robertson, reports result of test at great lab's 2-29
178474	2-8	To Phila.	Radio direction finders; direct's work be submitted. Philas 2-15

FA Kolster personal 3-20
To Dept Commerce-- Rect loan of
services of P.A. Volater for experi-
mental work in this connection. 3/11
Kolster offers for 15,000 3-28 To Dept

RECEIVING & SHIPPING SETS

Number.	Date.	From or To	Subject.
		(SEE BELOW)	
✓ 176597 Bunnell stand 184	1-18 1-24 1/20	Bunnell, J. H. Co Fwds samp. Jobe detector Fwd Wash--Fwds. 1/31 Wash	To-1/31 Fwds sample of new radio key with description. W Fwd Wash--for comment and rec. 2/21 RB copy test 2/17 629 Ultra audions; reports rejection of 1st 13; reqt instructions relative to testing of remainder To J. H. Bunnell: gives results of tests; unsuitable for naval use. W Quenched spark gap: reqt orders for. W
176597	2-19	See above.	
✓ 177158	1-25	Pfund, Richard	
	1-25	To S&A.	NSA Wash recn 445 for 1500 Hudson filament bulbs for audion ultraudion detector; reqt change in specs for. W-2
✓ 177238	1-16	Buchholz, S	Rotary quenched spark gap: operated by compressed air. W reqt description of. 2/21 Buchholz further 2/29 To--to desired for naval use. 3/3
✓ 177236	1-19	Horner, W. H.	Fwds description of Multi-Audi-Pone used in connection with receiving both damped and un-damped waves. W
✓ 177488	1-27	DeForest Co	Confirms understanding that one bulb in 100 to be picked for test in connection with recn 445. W Fwd S&A--2/1
✓ 177642	1/31	Darien R	Last shipment 36 ultra audion bulbs. De- Forest, unsatis; reqt shipment 36 more. W To--Return bulbs to Wash. 2/1 To S&A--reqt shipment bulbs to Darien. 2/1 Darien only 9 good bulbs in last snipt 2-10 - Fwd Wash--For comment. 2/25

1918

RECEIVING AND SENDING SETS:

Number.	Date.	From or To--	Subject.
		To PITTSBURGH--Ask if receiver Ba #W-92 is on board. 5/28	
174420	12-21	To S&A.	Rect shipment of long range type of radio receivers to ships. WUSS PITTS--List of ships to S. Diego. 7/25/17
		S&A status of delivery of receiver to USS SAN ANTONIO 4-21	
174548	12/20	Atl Flt RB 5-14	Rect authority to transfer receiving sets ARIZONA to NEW YORK, NEW YORK to TEXAS, TEXAS to ARIZONA. W
		To-- Transfer authorized. 12/24	
174421	12-21	To Atl Flt.	To NEW YORK--Asks number and range of 1/12 NEW YORK telefunken not recd 1-25
			Apparatus for receiving undamped radio oscillations; instructions issued to issue to ships; gives allowance of untransmission bulbs. W
174616	12/22	Wash	Recommends manufacture of loading coils for receivers at yard. W
			To--Appvs est for. 1/12
174604	12-23	To E. Is.	Rect estimates for manuf of two 1/2 P.W. radio transmitters. W
174607	12-23	To NY.	Authorizes yard to supply Federal Mel Co drawings of SC-PW. arc radio transmitters upon request; Bu has made recn for. W
174419	12-24	To S&A. SEE BELOW	Rect shipment tapper radio detector to SCORPION. W RB 2/14--re fr ALBANY to STEWART.
		To CAESAR via S&A--Transfer	Rect shipment to Olongapo. 12/27
		detector to LEBANON. 1/6 RB 225	/Fwd S&A--1/6 S&A Fwd 2-15
		TexMex--Fwd S&A--2/15	to JOSTIN, on hand 1 is. RB (WASHINGTON) 2/25
174915	12/27	RB 2/4--one ordered trfd from GLACIER C. A. Robertson	Wireless relay and recorder invented by R. E. Hall; states will make demonstration in New York within ten days. W
			To--Offers to assist in. 12/30
174419		SEE ABOVE.	To S&A. 3/1 RB 5/16
		To GLACIER--Asks disposition of	Rect shipment motor tapper detector from Wash. 3/1
		ticker detectors 3-4	S&A WASH MAYB INT 3-2
		CINCINNATI none on board 3-4	Fwd S&A-- 3/4 To CINCINNATI--3/14
		GLACIER 3-15 CINCINNATI no record 4-7	

Number.	Date.	From or To--	Subject.
175008	12-28	At Flt	Copy of circular letter to vessels of fleet giving allowance of ultra audion bulbs and instructions for use.W
175077	12-28	At Flt	Ultra audions; suggests that they be fitted with one knob for turning on and off bulb.W Fwd Wash-- For comment and rec. 1/4 Washn agrees with Bu suggestion 1-6 Fwd Ati Flt--1/10 RB 1/24
175081	12-20	Parker, JT	States ordinary Trunston light responds to radio signals and can be used for receiving.W Fwd Wash-- 1/3 RB 1/8
1916			
175050	12/30/15	T Bost	North Truro; direction finder; directs further tests with a view to ascertaining accuracy for determining direction of passing ships
	12-31	To Asst Secy.	NSA Bu Reqn 160-1916; for 5 20-K.W. radio sets; submits data on; Federal Tel Co. W-R
175344	?	Eason	Makes comparison between Navy (Cohen) primary and secondary coils. Wireless Specn 1-P-76 receiver as used at Arlington.W.
176091	1-12	Sollaitor	Form of proposed agreement with Dr. Cohen to purchase drawings of radio receiving apparatus.W To-- was agreement. 5/7
176419	1-10	M.Is	Audion bulbs; disposition of unserviceable; request authority to repair on Pacific Coast. Cost--Cost appears excessive. 1/20 Plecher re patent number 9-16 Plecher re test set--Apparatus not suitable. 7/13 Asks number of patent. 1/25 Plecher offers to send transmitter 4-18 Washn reports on plecher 5-17
176539	1-15	Plecher, A.	Plecher has fwded sample to Wash Y d 5/2 CO-- Can be tested 4/25 CO-- Can transmitter will be Plecher states did not conduct proper test 6/20

RECEIVING AND SENDING SETS.

Number.	Date.	From or To--	Subject.
✓ 173032	11-17	Mar Dept	Audion detector and amplifier; asks advantages of W To--(See) Gives advantages. 12/8
✓ 173310	12-4	Clark, G.H.	Reports inspection of audion ultra audion cont 184.W
✓ 173315	12-7	DeForest Co Qu	Quotes price and gives description of motor generator set for audions.W To--Comments on. 12/15
✓ 173354	12-8	To Western Elec Co.	Gives results of test of head telephone set for radio receiving as compared with Bladwin telephone in service. W
173411	12-9	To S&A.	Reqt shipment radio receiving set from NY to Wash. W
173556	11-29	Pac Flt	M. Is type of quenched spark gap; reports on.W
173557	11-29	Pac Flt	Audion bulb filaments; reports on successful repairs of those burned out in service.W Fwd Wash-- 12/13 RB 12/16
171363	11-16	TO Bost	Asks assignment of two 2 kw radio transmitting sets under cont 221
173751	12-13	To S&A.	Reqt shipment audion ultraudion detector with storage battery from Wash to ships.W To S&A reqt shipments from Wash to Radio Stations 12/15 To S&A reqt shipment of apparatus for BUSHNELL NEVADA. OKLAHOMA. NICHOLSON. WASH. CORTH: CELESTINE. ERICSSON. WINSLOW. MELVILLE: TUCKER To S&A--Reqt shipment to radio laboratories. 12/17
		To Ships--Notifies of assignment and shipment. 12/22 to S&A--Reqt for shipment to NEW YORK & COLORADO. 12/27 Washn reqt instructions, re shipment to Boston 1-14 Fwd S&A -1/16RB26 Fwd S&A - 2/10	

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RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To	Subject.	
172438	12/13	NY	Reports in detail on difference silver and copper gaps; COLUMBIA	167-6
173625	12/10	Bost	Cape Cod Radio Sta; Bellini-Tosi direction finder; reports on	8 02
173887	12-8 12-11	NY Washn	Reqd 90 radio head gears for stock.W Fwd S&A -Rec be supplied by Wash. 12/17	
173910	11-26	Radio Laboratory	Reports on comparative test of Western Elec and Baldwin beam telephone set.W	
173998	12/15	To Ports via S&A	Reqt shipment of radio receiving set, ex LABUCAN to Wash. to be held for further disposition by Bu.W	
174254 M. Is ()	12/18 replies To M. Is available	Headquarters, Marine 12-31 Corps. 12/29 Apparatus	Reqt radio receiver and transmitting condenser for Nicaragua.W To S&A--Reqt shipment 1/4/16 To M. Is (R) As if available. 12/20 NY (R) 12/23 M. Is recom receiver exUnalga 12-30	
174326	12/15	Atl Flt (Personal)	Direction finder; comments on.W	
174332	12-20	To Atl Flt.	Sample vacuum tube bulbs for use with radio ultracondensers; Western Elec Co will ship to WYOMING bulbs for trial.W	
174416	12-21	To Wash.	Reqt estimates for manufacture of radio receivers to be known as 1917 type. W	
174417	12-21	To Bost.	Report on radio direction finder: reqt copy of be mailed to fleets. W Bost have mailed copies to 12-27	

1915

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 171705	11/19	To Phila	Director indicators for ships; auth experimental work with Bellini-Tosi receiver to provide means by which an enemy's approximate bearing can be ascertained. W
171944	11-19	To S&A.	Specs for radio receiving apparatus; fwds for printing. W RB 12/9 Fwd S&A-- Returns proof. 12/11
✓ 171943	11-20	To NY.	Auth use of radio laboratory receiver by Western Electric Co in connection with tests of audion bulbs. W To--Will supply yard with audion-ultraudion detector for same purpose. 12/1 To Western Co--Instructions issued for use. 12/1
✓ 172025	11/20	Phila	Rotary non-synchronous spark gap. W
✓ 172034	11-23	To NY.	Audibility meter; originally intended for SALEM; asks disposition of. W NY reports shipment Phila 11-30
✓ 172101	11-23	To Deforest RT&T Co.	Instruction pamphlets for use in connection with LCO audion ultraudion detectors; reat. delivery be expedited. W
✓ 172189	11-18	At Flt	Reqt investigation of of report that European countries using direction finder correct to within one degree. W To Atl Flt--12/20
At Flt recommends radio direction finder be installed on flag ship. BS squadron 12/7 will answer by letter 12-15			To Atl Flt (D) 12/14 At Flt recommends sending to Phila for improvement 12-15
✓ 172150	11-24	Firth. Jcm	Reports taking over agency for Baldwin head telephones. W To-- Ack receipt of. 11/26

696 RECEIVING AND SENDING SETS:

Number.	Date.	From or To—	Subject.
✓ 172258	11-26	To Deforest WT& T Co.	Re acceptance tests of new combination audion ultradion detectors in producing oscillations; asks if tickler coils are to be supplied with sets. W
✓ 172476	11-29	To Western Elec Co.	State sample head telephone set recently tested at Bu Standards equals app'd type; ear pieces should be made larger. W
172575	11-29	Washm	Long wave length receivers: signal test completed Nov 24; work on drawings being expedited. W
✓ 172607	11-30	DeForest Co	Audion and ultra audions: have changed connections for tickler; fnds revised instructions for use. W
DeForest print mailed; connectors to		To Wash--Fwd copy above: 12/1 RB 12/4	
laboratory 12-3		To--Procedure satis. 12/1	
To Wash via S&A--All vs manu coils. 12/10		Washm reqt mfg Litz coils for 12-3	
172621	11/27	Bost	Cape Cod; estimate for permanent installation of Bellini-Tosi direction finder 502
172754	12-2	To NY.	Bellini-Tosi direction finder apparatus: rect information as to present conditions of. W
To Atl Flt--Have rec'd shipment to BIRMINGHAM for experiments. 12/13		NY Secoria 12-8	
		To S&A--Rec'd shipment direction finder from NY to BIRMINGHAM. 12/11	
172755	12-2	To Pac Flt.	Audion amplifier and storage batteries; asks assignment of. W
		Pac Flt reports on 12-27	
		Fwd W. VIRGINIA--1/15 RB 1/28	
172860	12-3	To Wash.	Radio receivers; instructions re repairs to. W
✓ 172864	12-3	To Deforest RT & T Co.	Combined audion-ultraudion detectors: rect oscillations be furnished with. W
DeForest re supplying tickler coils 12-7		De Forest; protest against amount charged 2-4	
To--(T) At Wash 3d. 12/3		FWD Dept via S&A 3/7	

19

RECEIVING AND SENDING SETS.

Number.	Date.	From or To.	Subject.
✓ 170144	11-1	Lowenstein, F.	Rest not yet successful; additional tests Thursday.W
✓ 170172	11-2	Washn	Belloni-Tosi direction finder; special report on; fws 2 copies with photos.W
✓ 170202	11-3	Clark, GH	Reports on operation of new type arc control key devised by Dr. L. Cohen.
✓ 170406	11-4	Lowenstein, F. T	Test of receiving set; reports on.W
170471	11-6	To S&A.	Reqt shipment relay keys from Wash to NY.W
✓ 170729	10-8	Nat Elec Sig Co	Revolving electrode realy key; have received from Washn; reqt comments on.W To--Report of test will be fwd at an early date. 11/11
✓ 170779	11-6	Western Elec Co	Fws head receivers for test by Bureau.W
✓ 170759	10-30	Holcombe, E.	Reqt loan of a receiving set.W Too--Unable to furnish. 11/11
170942	11-10	Washn	Fws special report on 20 watt audions.W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
171201	11-8	M. Is	Reqt supply of I-P-76, 1912 receivers for use on torpedo boats. W To--Will sup. ly when available. 11/16 RB 3/21
171157	8-2	Clark, GH	Recommend changes in design of combined detector and amplifier in future contracts. W
171158	8-2	Clark, G.H.	Reports on test of Ultra audion returned from Chasn. W
171354	11-16	To Wash.	Radio long wave length receiver: reqt first lot of 10 be expedited. W
171293	11/3	Atl Flt	Standard wiring for receivers: fwds plans for ships fitted with two receivers. (Plans not received.) W At Flt will forward another copy 11-26
171545	10/26	Wash	To--Reqt plans retd to. 11/20 At Flt retd fwds plans 11-29 To Wash--submit est or menuf 24 standard rec switch panels. 12/7 Cohen receiver: fwds plans. (Not received.) W
171399	11/2	R. H. Hough	Compilation, curves, etc., in connection with his transmitter for secrecy sending. W (For previous correspondence see 635-1) To--Comments on. 11/16 Hough fwds diagram 11-26 To--Order to experiment with. 11/30
171474	11-17	To S&A.	Reqt shipment radio receiver set from Phila to Wash for stock. W
171597	11-19	To S&A.	Reqt Wash Yd be designated supply yard for "EVERYREADY" dry batteries for audion apparatus. R S&A circular letter designating 12-4 S&A confliction in instrans relative to supply yard for dry batteries 1-17 To--S&A is designated 1/21

RECEIVING AND SENDING SETS:

1915

Number.	Date.	From or To--	Subject.
✓ 166864	9/27	DeForest Co.	Recommends that life of 175 hours be considered minimum for ultra-audion bulbs.W To--Comments on. 10/5
✓ 167174	9/25	De Forest Co	Audion detectors; quotes price for ammeters; asks type of battery to be bid on; etc.W To--Instructions. 10/5
✓ 167198	9/26	G. H. Clark	Submits estimate for repairing Ballini-Toni direction finder.W To Wash--App vs est for. 10/4
167021	9-30	To NY.	Asks disposition of radio receivers delivered under contract 350. W NY 3 sets in store for WYO, NY and San Juan 10-4 To S&A--Reqt for shipment. 10/5
✓ 167312	10-2	Fowler & Co	Wireless telegraph detectors.W Fwd Dept-- For Rec. 10/9
✓ 167455	9-23	Wireless Spec App	New form silicon detector; fwsd.W
✓ 167767	9-24	Aero	Fwsd report from Naval Attache London stating that Zeppelins are guided by means of radio from 2 widely separated stations in Germany. DAW Fwd Aero--Comments on. 10/13 RB 11-12 Fwd Aero--11/16
✓ 167845	10-8	DeForest Co R	Reqt return of sketch submarine detector.W To-- Returns. 10/9
✓ 168173	10-13	To Wash.	Auth increase of wave length range for short wave radio receivers from 5,000 to 5,200 meters. W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To--	Subject.	
✓ 168762	10-8	S&A	Fwds bill L. Siebold for duty and clearance fees receiver shipped from Amsterdam.	
168685	10/18	To WORDEN via Chasn	Two radio receiving sets on board loaned by Chasn Yd; directs vessel turn oneln at Chasn for shipment to Washn Yd	487-6
168639	7/26/14	Hooper, Lt. S. R.	Reports on Cooper-Hewitt receiver	882-3
168572	10/6	Granshaw	Calmito; fwds report on crack in brass arc chamber transmitting set	851
168829	10/20	M Is	Reqt shipment of ultra audion bulbs to replace those sent Cordova	809
✓ 169322	10/22	Atl Flt	Copy of fleet circular relative to using ultra audion receivers for receiving from arc stations; fwds print showing connections. W	
✓ 169575	10-25	Clark, G.H.	Reports on test of combined detector submitted by Wireless Spec Co. W	
		To Wireless Spec Co.--Have prepared reqn for sample submitted. 11/16	Test satis; reat quota- Wireless Co. quotes price \$30.11-3	
✓ 169797	10/27 10/29	NY S&A	Specs 16r1 for head gear for radio receivers; asks if any change desired. W Fwd S&A--Will prepare reqn for 11/3 To S&A--Reqt for shipment. 11/3 S&A Washn Yd distributing point for 11-13 Ultra audions; reat stock of receiver condense- sers for use with. W To--Have reatd shipment of. 11/4 To S&A--Reqt for shipment. 11/4	
170151	10-27	M. Is		

1015

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 163563	8-16	Nat Elec Sig Co	New form relay keys; rec'd results of test and return of apparatus. W To--Tests now being conducted. 10/9 To Wash-- Fwds copy above. 10.9 Washn reports return of 11-4
164147	8-21	Washn	Ultra audion condensers for use as bridging condenser; submits estimate for mfg; Washn type recently tested shows only suitable one. W TO -- appvd 8-26
164122	8-21	Washn	Variable condenser for use with audion; reports on samples submitted by Various Mfgs; Washn yard only suitable one. W
164121	8-20	Washn	Reports return of a radio receiver for Nat Elec Sig Co. Was for te-st. W
✓ 164618	8-11	DeForest Co T	States combined 125 volt filter and filament on audion will work out on Navy light circuits
✓ 164996	9-2	DeForest Co	Audion; sample instruments ready for shipment 9-3. W
165091	8-30	M. Is	Req't shipment of Ericsson buzzer from NY for use with receiving apparatus. W To--Have rec'd shipment. 9/7/7 To SEA--Req't for shipment. 9/8/7
165042	9-4	To Wash.	Req't estimates for manu of 50 frames for air condensers for use with ultraudion receiving apparatus. W

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 165645	9-11 9-11	Sirbeck, E. Chief Elec FULTON	Submits sketch of connections in receiving set for receiving arc signals; reqt permission to publish for benefit of amateurs. Fwd Dept--Comments on. 9/16
165724	9-13	M. Is	Reqt shipment of audion bulbs for stock. W To--(T) Shipmet made Sept. 9th. 9/14
✓ 165921	9-13	Clark, CH	Reports on life test bulbs. W
✓ 166317	6/8	Clark, G.H.	Reports on test of head telephone sets submitted under <u>Schedule 6709</u> . W
#10	9-23	To Pug 3d.	Radio receiving set; survey #10; reqt further information on. W-Y
✓ 166661	9/12 9/23	Davis, H.E.C., Maj., USMC Atl. Ft.	States interned German vessel at Guam was able to determine direction of radio signals, also nationality of senders; unable to report whether direction finder used. W To Rad Ser--Comments on. 9/27
166697	9/24	DeForest Co.	Submits price for no-voltage motor generator for use with audion set. W
166676	9/23	Wireless Spec. Ap. Co.	Fwds new form of detector for test. W To--Will make test of. 9/25

RECEIVING AND SENDING SETS:

1915

Number.	Date.	From or To—	Subject.	
✓ 162188	7-31	To S&A.	Reqt shipment of audibility box from Wash to Post for radio laboratory. W	
162093	7/30	To Ships-Yds	Ultra-audion; have requested shipment of from Wash	876
✓ 162415	8/2	De Forest Co	Have shipped samples RJB, audion detectors. W	
162311	8-3	To Yards.	Wave changers and audion apparatus for spark radio transmitters; comments on re supplying. W	
162433	8-3	To S&A.	Reqt shipment of 20 watt generators audion sets for radio laboratories from Wash to NY-M. Is-Pug Sd- Bu Standards. W To--Reqt shipment be cancelled. 11/18	
162445	8/2	Norfolk	Development of a quenched spark gap used in hydrogen; recommends be not attempted at that yard. W To--Will not be undertaken at Yd. 8/6	
162490	8/3	Wash	Reqt authority to manf coils for Bu Standards and Naval radio laboratory. W To-- Appvs. 8/6	
162507	8/4	Crenshaw R	Quinto: Western Elec receiver many times better than Austin's; Co reqt authority to leave set	851
162546	8/3	Boat	Recommendations for changes in design of combined detector and amplifier. W	
163862	8/17	De Forest Co	Ultra audion; desirable to substitute ship's circuit for storage battery. W	
CANCEL	THIS ENTRY: ENTERED ON OTHER SIDE OF CARD			

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 162681	7/12	Bu. Standards	Reports on test of telephones.W
✓ 162678	6/18	Bu Standards	Reports on results of test of the quenched arc, arc, and quenched spark; test carried on between Wash Id and U.S.S. LEBANON.W (Cross to Wash Id Radio)
✓ 163009	8-9	To E.H. Armstrong.	"Fed back" circuit for radio receiver amplifying apparatus; asks what method of procedure should be followed in order to procure use of this circuit for Naval Use.W Replies will call 8-18 To - re appointment 8-18
✓ 163343	8-12	Washn	Estimate for manufacture variable condensers for audion and ultra audion app.W
✓ 163368	8-9	Baldwin, N.	Telephone head sets; made arrg with John Firth as selling Agent; will deal thru him; or direct with Bu. W To - present arrg. satisfactory 8-14
163554	8-13	Phila	Radio direction finder; experiments with; fws report on.W.
✓ 163862	8/17	De Forest Co	Ultra audion; desirable to substitute ship's circuit for storage battery.W To 8/20
✓ 163861	8/16	De Forest Co	Relative to changing IP76 and other tuners to operate with Arc audion without bridging condenser.W Red NY--To Co 8/20 RB 9/11
✓ 163563	8-18	To Washn. & NESco/	Return of radio relay NES Co reqt action 10-5

RECEIVING AND SENDING SETS:

1910

Number.	Date.	From or To--	Subject.
160415	7-13	To Ainsworth, C.D.	Reqt data on electric wave detector which is claimed to be superior in some respects to the audion detector. W Ainsworth still an experiment 7-16
~~160550~~			
160650	7-15	To NY.	Low resistance loading coils for use with continuous oscillation radio transmitters; reqt be investigated. W NY recommends & issued to NY and remain ng be issued to laboratory no charge 7-22 To--Instructions. 8/3
160651	7-15	To M.Is.	Reqt estimates for manuf of six arc type radio transmitter 15-K.W. complete. W
160795	7-16	Marine Corps	Reqt literature on audion receivers. W TO -- IWS 8-25
161017	7-17	Washn	DeForest quenched arc transmitter; reports on test of; recommends purchase as experiment. W
161018	7-17	Washn	Reports test of DeForest filter for use with audion type detector. W
161035	7-16	Washn	Recom- Reports shipment of one type AA Cohen receiver to M.Is. W
161119	7-20	DeForest Co.	R.J.V detector; delivered to Mr. Clark; fitted with inferior battery; recommends Navy adopt better type. W Fwd Wash--Submit report on tests of 7/22 To--Bu will test other type of battery referred to. 7/22 Co. will express another 7/23 Fwd Wash-- 7/23 To--Reqt price of 50 audion detectors. 7/28

RECEIVING AND SENDING SETS. 698

Number.	Date.	From or To--	Subject.	
161426	7-22	VESTAL	Ultra audion receiver; rect print showing manner of connecting. W TO -- fwds 8-25	
✓ 161501	7/24	Richard Pfund	Quenched spark gap with metal spacing washers; calls attention to: fwds sketch. W To--Will give consideration. 7/27	
✓ 161508	7/24	SAN FRANCISCO	Rect blue print of ultra audion receiver. W TO -- fwds 8-25	
✓ 161633	7/12	En. Standards	Reports on test of National Elec Signal Co's receiver. W (Copy)	
161778	7-28	To S&A.	Rect shipment of Coehn receiving sets from Wash to yards for ships. W Wash 7/31	
161986	7-28	To NY. (R)	Shipment rectd to Best radio apparatus now on MAYRANT. W	876
162002	7-28	To Wash.	Rebuilding of 3-step radio amplifiers; report practicability of making. W	
162092	7/29	De Forrest Radio Co	States are shipping to G. H. Clark one 20 watt oscillator; rect investigation. W Fwd Wash-- 8/3 To--Comments on. 8/3	
✓ 162114	7/27	G. H. Clark	Recommendations relative to change of 12 volt ultra audion detector stands to 6 volt type. W To Wash--authorized 8/13	
✓ 162166	7/26	Kilbourne & Clark Co	Radio telegraph transmitter; have developed new style; rect test. W To--Will arrange for test of. 8/3 To Pug Sq-- Re test of. 8/3	
162367	7/29	G. H. Clark	Reports on test of De Forest audion, type RJB, storage battery. W	

1915

RECEIVING & SENDING SETS

Number.	Date.	From or To--	Subject.	
157139	6-7	Phila	Reqt new type audion detector for use expert radio aids. W To--Will issue when rec'd under present contract/ 6/15	
157117	6-7	Phila	Relative to expert radio aides instructing radio men on board ship on the uses of new audion detectors and receivers. W To--Ack receipt of. 6/16 To Ships & Yards--Instructions for operators may be had by Expert Radio Aids at fms. 6/25	
157360	6-10	NY	Marconi receivers; fwds sample of wire proposed for coupling bands; believe will be satis. W To--Satisfactory to Bu. 6/29	
263	6-10	NY	Telephone head sets; reqt copy of test on sample submitted with bid	629
157442	6-9	Key West	Average life of bulbs, ultra audion, received less than 96 hours	617
157388	6-12	TO Yards & Pac Coast Radio Supts	Equipment for medium powered radio stations for simultaneous sending and receiving	876
✓158085	6-15	Bost	Reqt authority to give A.G. Carlson report on test of his detector. W To-- Appvs. 6/19	
✓158237	6-16 To-- 6/22	NY	Duplicate receiver relay keys; received w Marconi sets cont 21507; will not be required with original sets; recommends be issued to yard radio set, and some ship for observation. W To--WYOMING--Reqt report on operation. 6/22	ith
✓158588	6-17	Firth, John	Personal letter to Austin; Danish Govt finds I-P-76 receivers better than Cohen; reqt return of sample head phone. W	

898 RECEIVING & SENDING SETS:

Number	Date	From or To	Subject	
✓ 158985	6-26	To Fritz Lowenstein:	Transmitter for use in connection with an ordinary ship antenna for distances not over ten miles; reqt data on. W Lowenstein 7-2 Fwd by -- take up with Lowenstein. 7/6 RB 7/22 To -- RT will take up. 7/6	
✓ 159435	6-26 7-1	At Flt Dept	Radio direction finder; stratigical problem emphasizes need of securing W Fwd Dept -- Comments on. 7/3 To Phila -- Reqt Yd conduct experiments on. 7/6	
✓ 159466	6-27 Supt Radio	Hazleton, G. 629	Secrecy sender. To -- Reqt detailed information on. 7/18	
159584	7-2	Nat Elec Sig Co	Reqt results of test of new receiving outfit with single variable tuner. W To -- Comments on tests of. 7/17 Nat E S Co. comments 8-30 To -- Ack receipt of. 8/31	
✓ 159867	7-6	Rawls, P.C.	Reqt test of high frequency oscillator detector. W To -- Will arrange for test of. 7/12	
159790	7/7	To Post	CAPE COD; report of progress of work on radio direction finding apparatus; reqt outline and status of	502
✓ 160092	7-9	To Wash.	Asks probable date of delivery of second lot of Cohen radio receivers under manuf at Yd. W	
✓ 160503	7-13	De Forest Co	Submits prints of wiring diagrams audion detectors, and amplifiers. W To -- Ack receipt of. 7/16	
160328	7-13	To Firms Manhattan gives data information re cases 1-14	Reqt estimates for supplying small variable condensers for use in connection with radio ultraudions. W To Wash -- Ditto. 7/13 Clapp Eastham 7-17 Mislock, W. H. Co 7-15, Electro Imp Co 7-16 Manhattan Elec Sup Co 7/22	
Manhattan Elec Sup quotes prices 8/18			Post estimate 7/29 Wash submits estimate for manufacturing variable condenser 8/6	

RECEIVING AND SENDING SETS:

1915

Number.	Date.	From or To—	Subject.
153010	4-22	To Wash.	Manufacture of Cohen radio receivers; asks status of manuf on long and short range. Washm cannot make for 10,000 4-26
✓ 153463	4-22 4-27	Baldwin, Nat. S&A	30 more sets will be ready in few days; can arrange to supply 20 additional. W Fwd S&A-- 4/29
✓ 153793	4-30	Wireless Spec App Co.	Offers 20 to 100 miniature receiving sets for \$59-\$89.50 each. W To--Will not purchase at present. 5/5
✓ 154073	5-4	DeForest Co.	Ultra audion detectors used with one step amplifiers; copies of instructions. W To--Comments on instructions for 5/25
154248	5-10	To Yards-Ships.	Ultraudion; fws report on prepared by Naval Laboratory, Bu Standards. W ORION recd copy 5/2 TO ORION 8-25
155490	5/19	Richard Pfund	Newport certain pages of circular missing 7/13 Recd orders for his spark gaps. W
✓ 155614	5/14	De Forrest T&T Co	Audion amplifiers and ultra audion receivers; states have developed system whereby can do away with B batteries and substitute for them any 110 volt source. W To--Will make test of at Wash Yd if desired. 6/5
155793	5-24	Wireless Spec Co.	50 detectors, type I-P-155; mfgd and ready for delivery; asks orders. W To--Contemplate purchase near future. 5/25

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.	
155982	5-26	M. Is T	Unable to purchase ultra audion bulbs for less than \$5.00; reqt be shipped from Eastern Yard.W	
		To S&A--	Reqd for shipment. 5/27	
155941	5-26	To Chan.	To--(R) Will be shipped from Wash. 5/27 Radio detector stands; reqt be investigated with a view to developing a standard detector stand for adoption by Naval Service.W	
156040	5-25	Washn 29	28 type A Navy receivers; - get approval of additional estimate for adding extra coil to pick up circuit.W To--Appva. 6/4	
155990	5-21	Supt Radio	Location of vessels by radio; recommends development of reliable form of direction finder.W Fwd Dept-- 6/2 (See 148933-898).	
153731	4-30	To Yards.	Ultra audion; fws instructions for using.	876
✓156279	5-27	Clark, G.H.	Cohen receiver; M. Is reports unfavorable on failure to eliminate interference; recommends At Flt and other yards make reports on it. Fwd At Flt-- 6/3	
✓156499	6-2	DeForest Co	Quotes price of \$745 for combined audion and ultra audion detector.W To--Do not desire to purchase. 7/21	
✓156606	6-3	Taylor, F.J.	Reqt investigation of an attachment for transmitting and receiving sets to insure secrecy.W Fwd NY-- Fws copy reply. 6/25 RE 8/13	
156906	6-5	To--Take up with NY re test of: 6/25 Taylor 6-25 To--6/30 At Flt	Navy type receiver type A; supplemental report on.W	

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 150476	3-15 3-23	Rousen, Ensign, H.H. Navyn	Feds print of a new radio rig for receiving. W For cutting out interference. W
✓ 150654	3-20	Clark, G.H.	New type sending key for arc control; designed by Fed Tel Co for snips use. W.
✓ 150650	3-19	Clark, G.H.	Reports on test of Coenn type A short wave receiver. W
✓ 150635	3-25	Clark, G.H.	Ultra audion and amplifier, Radio T&T Co. recommends changes and improvements. W.
✓ 150701	3-1 3-19	CONNECTICUT At Pitt	Navy Radio receiver type A; reports on test of. W To-- Ack receipt of: 5/29
150744	3-10	E. Cote	Receiver operating without antennae or grounded wires; sketches. W To-- Recd plans or description of: 3/29
150829	3-26	NY	Prelim test of Nat. Elec. Sig. Co. variable receivers. W
✓ 150885	3-29	Lee DeForest T	2 kw arc type snipped Friday; can arrange test with Clark on Wednesday. W To-- (T) Clark will be ready Wed. 3/29
✓ 150877	3-27	Pfund, E.	Spark gap; rectifier to apparatus bid on reqn 225. W

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To--	Subject.
150945	3-20	At Flt	Navy Receiver type A; reports on rest. W To--Ack receipt of. 5/29
✓ 150927	3-29	DeForest	Relative to test of 2 step combined with one step for ultra audion. W
151182	3-27	Pac Flt	Reports receipt of Ocean radio receiver. W
✓ 152 003	4/8	NY 1534-809	Radio transmitters, new type National Electric Signalling Co; fws transmitter of; recommends new fixtures be given no weight in considering awards on schedule 8028. W
152107	4-5	M. Is	Bureau type of radio receiver; fws reports from operator at San Diego; favorable. W
✓ 152261	3-17	Recruiting Station, Des Moines	Rawls radio detector and condenser; reports on. W
	4-13	Supt Radio	To--Returns with comment. 5/2
152267	4-14	To NY.	Remodeling of Garwood radio transmitting sets; recd recommendations on. W NY recommendations 4-26 NY re practicability of repairing 5-12
152845	4-19	Phila	Reports on experimental work with Ultra audion detector and receiver. W
152905	4-21	To S&A.	Recd shipment 20 Baldwin hand telephone sets to NY. 4/21

RECEIVING AND SENDING SETS.

1915

Number.	Date.	From or To—	Subject.
✓148933	2-24	At Flt	Quotes from Log of Glasgow showing that British Squadron was able to tell direction of German Fleet at Falkland Islands; thru radio messages: rect direction finder for At Flt.W Orig thru Dept. 3/10 Fwd Dept--Comments on. 3/12 RB 4/24--conducting experts To--RE radio direction finder. 3/6 Fwd Dept-- Noted, 4/27
✓149014	3-6	NY	Audion apparatus: states 35 Hudson bulbs shipped Guantanamo in lieu of M.I.s as originally reported: also reports on issues to TENNESSEE.W
149024	3-5	Phila	Rect instructions relative to repairing I-Pull receiving set. W To--Prepare recn for repairs. 3/8
✓149116	3-8	Clark, G.H. T	Washington Yard design arc relay key: Fuller recommends certain changes in W. Orig fwd Wash-- Re changes in. 3/11 Washn changes involve no ad expense 3-18
149313	3-10	Washn	Cohen receivers: states cost exceeded original estimate of \$750. Submits estimate for mg next 24 sets.W
149505	3-12	Hancom T	Rect b/p of Cohen receiver, wave changers etc.W To Wash-- Rect prints be furnished. 3/15 Washn prints being revised 3-17 To 1-19--will be mailed from Wash. 3/26
✓149495	3-11	Wireless Imp Co.	Rect their name be placed on list for furnishing 5 kw wunched spark gaps. Fwd NY-- for comment. 3/12 To-- 3/12 To 1-2A-- Rect name be placed on list. 3/12 rb 3 18

898 RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.	
149683	3-15	To M. Is.	Development of hydrogen cooled quenched spark gap: rect yard take up question of. W	
149713	3-15	To NY.	Marconi radio receivers: improved spare parts for: rect tests made of steel band which changes the coupling in receivers. W	
149821	3-16	To S&A.	Reqt for shipment of bakelite dielectro from NY to M. Is. W	
✓ 150013	3-15 3-17	Crowley, G. M. Supt Radio	New type detector. W To-- No need of apparatus. 3/24	
149429	3-18	To Norf.	Authorizes yard to manuf spark gaps. W	903
✓ 150340	3-3 3-15	RHODE ISLAND: At Ft	Directions finders: fwds wiring diagram proposed: re ommands installation. W	
✓ 150335	3-17 3-22	Recruiting Sta.. Des Moines Supt Radio	P. C. Rawls: reports on radio detecting condenser; overcomes vibration. W	
150435	3-22	Washn	Recommends that order for 50 sets type A Cohen radio received be issued at this time in order to make use of special tools. W Fwd Wash via S&A-- Comments on. 3/29	
150398	3-19	Phila 6000-357	Experimental work: ultra audion detector and receiver. Suggestions. W	

RECEIVING AND SENDING SETS.

1915

Number.	Date.	From or To—	Subject.
✓146633	2-6	Washn	Cohen receiver; status of mfg; improvements in design suggested, etc. Fwis efficiency curve showing results with solid and Litz-Endraft wire. W To--Appls modl suggested. 2/18
146838	2-4	NY 809-30	Fwis elementary wiring diagram of power circuits for quenched spark transmitters. W To--test print as suggested by Fwd to various yards for comment. 4/13
147081	2-9	NY 809-32	Estimate for adapters for detectors; Fwis sketches. W
147565	2-13	Baldwin, N.	Order completed with exception of one set; Asks re future orders; also for return of any instruments which have proven defective. W To--states sets satisfactory. 2/25
✓146486	2-17	To Richard Pfund.	New type of spark gap supplied Arlington station; state no prospect of purchase of extra gaps in near future. W Pfund asks if test satis. 2/15 Fwd Rad Ser-- for comment. 3/26 RB 4/2--very commendatory. To--state test satis. 4/3
148113	2-12	At Ft	Navy Receiver type A: reports on. W Fwd Wash-- Comments on 3/13
148149	2-24	NY	Audion amplifiers; submits report showing issues of material delivered on cont 336. W To--Asks if certain shipments have been made. 3/1

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
148580	3-2	Phila	Reports on experimental work with ultra-audion detectors and receiver for same. W Fwd S&A-- Re shipment of 3/4
148581	3-2	Phila	Conon receiver; reports non receipt of. W Fwd Wash-- 3/4-3-30 To--will ship latter part of Mch. 3/12
✓ 148575	3-2	DeForest Co	one and two step emplifier; reports shipment to Washn. W
✓ 148758	3-3	Nat Elec Sig Co.	Submits new form of relay key for use with spark gap sets. W To--will be test in near future. 3/9
148771	3-3	National Elec Sig Co.	Additional data relative to sample single variable receiving set under test. NY Id. W To--Will give results of test when rec'd. 3/9 To Wash-- Re test of 3/10 RE 3/31 Washn report receipt from NY 3-27
148847	3-3	NY	Reports receipt of single variable receiver from National Elec Sig Co. Recommends complete test of at Washn Id. W To--Have rec'd shipment of to Wash. 3/9 To S&A-- Reqt for shipment. 3/9
✓ 148922	3-5	DeForest T&T Co.	States sample ultra audion is made of oak wood as suggested by Mr Clark; asks probable requirements. W To-- Comments on 3/9 Co comments 7-13 Co recom 2 step 3-12
✓ 148923	3-5	De Forest Co.	Will print instructions for use of ultra audions as soon as order is received from navy for instruments. W

RECEIVING AND SENDING SETS.

1915

Number.	Date.	From or To -	Subject.
✓ 143673	1-4	VERMONT	Lowenstein relay key; defects in mfg. W Fwd NY -- For comment 1/7 To -- Ack receipt of 1/7 Fwd CO -- 1/20
✓ 143894	1-5 1-7	Clark, G.H. Washn	Ultra Audion detector cabinets: suggestions for wiring of W
DeForest will	proceed 1-12		To DeForest RT&T Co -- Fwds copy report; rept quotations on 1/9
143856	12/18	PATUXENT	Refuses to accept telephone head set of Baldwin type; asks for Wireless Specialty 336-6
143969	1-8	To NY	Have rec'd shipment of receivers from NY to Olongapo W To Olongapo -- Ditto 1/8 To S&A -- Rept for shipment. 1/8
✓ 144125	1-9	DeForest Co.	Undamped wave transmitting sets: 1 and 2 kw sizes: gives description of W
Wash 1/23 -- returns DeForest Co's letter of 1/9.			Fwd Wash -- Gives Bu's reply. 1/21
DeForest will ship to Washn 1-28			To -- Rept set be delivered Wash Yd for test. 1/21
✓ 144276	12-8	DeForest Co	Oscillating audion: re: t Bu return one copy of instructions for operating W
			Co rect action 1-19
			To -- Returns 1/23
			Co returns 1-29
✓ 144287	1-11	At Flt	New type radio receiving set: have transferred from NEW YORK to WYOMING for test. W
✓ 144561	1-15	Wireless App Co.	Fwds corres with Boston quoting prices for crystals and metals for detectors. W.
Fwd Bost -- 2/5			Fwd Bost -- 1/21 To -- Matter taken up with Bost. 1/21
144929	1-19	To NY.	Have rec'd shipment of I-P-76 receiver to from Chas. W To S&A -- Rept shipment. 1/19

RECEIVING AND SENDING SETS 898

Number.	Date.	From or To—	Subject.
145212	12-16	Cavite	Reports disposition made of receiving sets and number in store. W Fwd SAA-- Noted. 1/23
145220	1-22	To Pac Flt.	Have recd shipment from Wash to the SAN DIEGO of Cohen receiving set; recd report on when conclusive results can be drawn. W To M. Is-- Ditto for radio station. 1/22 To Phila-- Ditto. 1/22 Fwd Wash--Notified of recd for shipment. 1/22 To SAA-- Recd for shipment. 1/22 To La 3-4 To M. Is--Was shipped 2/26. 3/12
145529	1-25	Cohen, L.	Wireless receiver; fwsd print and submits bill covering patent rights. W Fwd SAA-- For settlement. 2/1
145639	1-27	Dept 8246-205	Copy of agreement with Dr. L. Cohen for purchase of drawings and patent rights for his receiver. W.
145847	1-29	Cohen, L.	Fwsd sketch showing application of apparatus covering his patent for transmitting and receiving apparatus; completes drawings required by agreement. W.
145979	1-14 1-23	Wireless Spec App Co. Bost	Crystals for use in overhauling radio receiving sets; Wireless Co refuses to quote. W Fwd Mass-- 2/5
146218	2-3	To NY	Have recd shipment of 20 head telephone sets to yard from Wash. W to SAA-- Recd for shipment. 2/3

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.	
140027	11-18	Phila	Re: authority to do experimental work on receiver and set circuit for ultra-audio. To: Authority granted with instruction. 11/21 Fwd Wash--Approve shipment of. 12/11 To: Have read shipment of. 12/11 To S&A--Reqt ship ent wash to Phila. 12/11	
140296	11-23	To Wash.	Instructions re receiving sets under manufacture. W Fwd Wash--Approve changes in designs. 12/23	
140365	11-23	Sweet, Lt Comdr T	Ultra audion delivered are not wired according to Bureau prints. W To M. Is-- (H) Instructions. 11/24	
✓140650	11-19 11-27	Carlson, A.G. Dept	New radio detector. W To Post--Instructions. 12/5 To Carlson-- Will test at Post. 12/5 To Post--Instructions. 1/11	
Chadbourne reports on 1-7 140800	11/30	NY	Radio motor generators for 10 and 5 kw sets; submits estimates for manufacture, including racks, transformers, switches, insulators	882-3
✓141198	12-1	Baldwin, Nat.	Can now mfg 30 telephone sets per month; unable to secure supply for stock due to large number of orders. To: Ack receipt. 12/7	
✓141689	12-9	DeForrest Radio & T Co.	Ultra audion; wiring diagrams of wave oscillator; gws print. W	
✓141727	12-5	Lowenstein, F.	Transmitter condenser developed by Signal Corps; reqt Navy procure permission to use W	

RECEIVING AND SENDING SETS: 898

Number.	Date.	From or To—	Subject.
141873	12-12	Washn	Cohen receiving set; sub states Litzendrant wire is required for primary loading coils: 111 increase cost \$25. per set. W To--Appvs modi proposed. 12/14
141818	12-11	To Yards & Ships. CL	Disposition of unservicable audition amplifier bulbs: all bulbs unfit for use to be shipped to Wash Yd. W To SARATOGA & VESTAL--Ditto. 12/15 To Phila--Fwds copies of corres. 12/18 Asiatic Flot reqt copy of letter 10-27 3-26
✓141985	12-12	Stromberg, Carlson Tol	Co Radio head sets: fwds description of, cuts, etc. W
✓142059	12-15	Clark, G.H.	Bellini-Tosi direction finder: prelim report on instrument to be used at Cape Cod. W. Fwd Bost-- 12/16 RB 12/3
✓141996	12-10	Beardsley, C.T.	Audion amplifiers: reat data on. W. To--Nat available. 12/18 Beardsly reat action 12-19 To-- 12/24
✓142516	12-19	Lenz, C.A.	Fwds sample of crystal rectifier for radio receiving sets. W. To--Samples will be tested. 12/24 Lenz fwds samples 3-8 To-- Ack receipt of sample. 3/12
142827	12-11 12-22	Walsh, Hon. A.B. Dept	Fwds letter from C.A. Malloy requesting Dept investigate a detector. W/29 To--(Secy's sigl) Comments. 12/29
142723	12-22	To Wash.	Asks if certain apparatus have passed acceptance tests.
✓143035	12-26	Fwd Wash Co - 1/16 To NY	5-12-20 Fwd Wash--Take matter up with contr's. 1/2 Spare spark caps for fleet during cruise to California: reat issue of. W NY lists those available 1-5

RECEIVING & SENDING SETS:

Number.	Date.	From or To--	Subject.
135352	9-30	To Comdt's & CO's.	Fwds copy of report of G.H. Clark concerning audion type radio rec apparatus for their information. W SAN FRAN recd copy 12-17 To San Fran-- Fwds. 12/23
135949	10-2	Eriaccon Mfg. Co	High frequency buzzer; asks what type required by Navy Dept. W To-- Gives information. 11/14
Bu #105	106	Fwd Dept.	NSA Bu #105/1915 for 200 telephone head set for radio, complete, at \$11 each. competition waived in favor Wireless Specialty Apparatus Co. W-R
136697	10-13	M. Is	Reqt authority to issue receiving set and detector to YORK TOWN AND WEST VIRGINIA. W To S&A-- Reqt shipment from NY to W Va. 10/14. 10/18-- Instructions 10/14 Fwd S&A-- 10/21
136687	10-12	To Wash.	Notifies of inspection of audion material to be held at yard.
137263	10-15	Plechar, A.	Reqt investigation of new telephone head receiver. W To-- Pleased to test any device care to submit. 10/21
137378	10-15	Tuska, C.L.	Asks if Bu can supply piece of silicon arsenic for making test with Audion amplifier. W To-- Not available. 10/21
139668	11-13	NY	Status stock of Baldwin head telephone receivers exhausted; require 40 for immediate delivery. W To-- Have recd shipment of 6 from Wash. 11/23 To S&A-- Reqt shipment. 11/23 To-- Have recd shipment of telephones from Wash. 12/12 Fwd S&A-- 5/11 Fwd S&A-- Disappvs reeqn 1498 for. 12/12 To S&A-- Reqt shipment. 12/12 Fwd S&A-- 4/29
RB 3/29	3/29	NY	NY renew reqt for head tel set. 3/25 S&A Dept-- Reqt reeqn for be inc. 3/25 Dept has no record of reeqn. NY gives reasons for reeqn for Pickard receiver 12-18 Fwd S&A-- Rec reeqn call for 80 instead of 50. 3/30 RB 4/9 Fwd Depa-- 4/10 RB 4/21--authorizes increase from 100 sets to 110.

898 RECEIVING & SENDING SETS:

Number.	Date.	From or To--	Subject.
898			
137694	10-27	To Yards, Ships; M.I.	Ultrasonic detector; notifies of shipment and gives instructions for use.
		BIRMINGHAM sent copy 1-12	To S&A-- Reqt shipment. 10/27
✓ 138485	10-27	To BIR-- Fwds. 1/16	To Honolulu--Instructions for experimental work with receiving from Tuck. 11/3
			M.I. copy of letter re secrecy 11-6
			Will have new shop equipped first of year: can supply 30 sets in 30 days. W
			To-- Acknowledges. 11/3
138406	10-31	To DeForest R.T. & T Co	Ultrasonic apparatus purchased under NSA
			By reqn 344, contract 313; no "full wiring diagrams" are supplied; reqt be fwd to Wash Yd. W
			DeForest will bring wiring diagrams 11-16
138498	10-26	Plecher, A.	Telephone receiver: fws drawing and patent description. W
			To-- Comments. 11/10
138690 VOID	11-4	Exp. Sta	TEST
139364	9/30 11/10	Cavite S&A	Fwds copy of store invoice covering 16 audion amplifiers; asks for what use intended. W
			Fwd S&A--Should be issued to Radio Station, Cavite. 11/17
✓ 139346	11/2	Atl Torp Flo	Reqt telegraph senders and keys for TBDS. W
			To via C-in-C--Additions to allowance. 11/13
			To S&A--Reqt purchase of 100 Morse Telegraph sounders. 11/13
139513	11-13	Austin, Dr. L.W.	Improved oscillating audion : receiving apparatus. W
			To Yards & Ships--Quotes report. 12/5

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 133775	9-4	Firth, Joan	offers 12 sets of Dr. Cohen's new type receiving sets at \$295. W
133807	9-4	Wireless Spec App Co/	Offers 50 sets, I-P-76, series 1912 \$272 each; series 1914 \$390. W future orders 33-1/3 ^{ps} higher. W TO -- will purchase 1912 type 9 8
✓ 134039	9-9	To Radio T&T Co.	Audion detector - make early shpt under Reqs. 344 to Washn. Yd. Radio T&T Co status of shipments 9-10
134545	9-12	NY RB from NY 10/26	Radio receivers in store: reqt authority to repair. W To -- Appvd. Bu will has submitted reqn NSA 82 for purchase of material. 10/7 9wd NY -- 10/8 NY replies 10-13 To- 10/16
134600	7-21	Asiatic Flt	Copy of circular letter with directions for care of Audion amplifiers bulbs. W
✓ 134740	9-17	To NY (R)	Quote Inform Hill pfund gap after three days use showed white silver surfaces but later turned dark due to fibre insulation: test of gap at Arlington means little.
✓ 134995	9-22	To NY	Bu has submitted reqn (#82) for 15-1-P-76 radio recivers to be delivered at NY: instruction re shipment to vessels. W To CO COMMINGS-- Shipment reqt from NY of radio receiver. 9/22 To S&A-- Shipping instructions req. 9/22 To M.Is--Auth installation. 1/25

RECEIVING & SENDING SET. 898

Number.	Date.	From or To.	Subject.
✓ 135077	9-22	Austin, Dr. L.W.	Reports on new type telephone head set submitted by Wireless Spec App. Co. W To Wireless Co 9-22 Reports results of test. 9/23
✓ 135310	9/25	Radio T & T Co	Fwds samples of labels used on cartons containing bulbs. W To-- Arivs. 9/26
✓ 135288	9/25	Radio T & T Co	Re Forrest Ultra Audion detectors and receiving apparatus; fwds copies of directions for operating. W To-- Arv receipt of. 9/26
✓ 135265	9-25	To Radio T&T Co.	Req expedite delivery of material called for on NSA Bu regn #344-1914. W Co replies 9-28
135267	9-25	To NY	Bu has recd shipment of radio material from NY to Boston. To S&A-- Instructions. 9/25 To NY-- Shipment to Phila. To S&A-- 9/25 To Phila-- Instructions. 9/25 To Boston-- Instructions. 9/25 To Bd I&S-- 10/1-- Lists apparatus available for use during trial trip.
✓ 135459	9-26	Radio T&T Co	Ultra audion; fwds print of wiring diagram; confidential. W
✓ 135809	9-16	Arizona Venture Corp	Fwds specimen of ore for use on radio detectors. W To-- Comments. 10/2 Dr Austin; reports 10-1
135757	10-1	Friend, Richard	Spark gaps; gives data on to show advantages of his type; unable to bid on complete sets; recd orders for gaps in order to keep his factory going. W To-- Comments. 10/10

RECEIVING & SENDING SETS.

1914

Number.	Date.	From or To	Subject.	
131191	7/30	To Chas	B-1; sub sig sending and receiving sets; asks where sets removed were transferred	464-7
✓ 131503	7-28	Clark, G.H.	Reports on test of head telephones submitted by Wireless Imp Co. W.	
131504	8-3	Clark, G.H.	Compilation of data on various uses of Audion. W.	
131522	8/4	To S&A	Radio receivers: request shipment from Washg to NY for stock 20 Wireless Spec. app. telephone head sets and 10 Baldwin sets. W	
131555	7-20	MARYLAND	Spark gap - "Boston" type Wireless Spec. Co. - adverse report on - heats	280-6
✓ 131690	8/6	To Radio T. & T. Co.	Audion material, reons. 87, 344, and 32; asks when may count on delivery of W	
✓ 131691	8/6	To Western Elec. Co.	Wheatstone telegraph transmitters and tape perforators; request descriptive matter and price lists of W Western Co. matter handed to Lt. Wright; price depends on quantity 8-31	
131753	8-6	NY	Standard relay key contact; f.wds. tracing; in connection with Schedule 6811a W To-- returns tracing app'd C/W	
✓ 131869	8/8	To Ericsson Mfg Co.	Ack. receipt of bills for high frequency buzzer; instrument now under test. W Co quotes 8-10 To-- 9/21	

RECEIVING & SENDING SETS: 898

Number.	Date.	From or To—	Subject.	
✓ 131923	8-8	Radio Tel. & Tel. Co	Status of delivery of ampliphones.W	
132119	8-5	NEW JERSEY	Rotary tickler detector: rect instructions for using.W Fwd NY instructions.8/13.ra 8 13 Ret---8/15.ra 8 13	
132124 VOID.	8-7 8-11	CO NY	Rect small second hand ~~late~~ feed pump; Yard has one in store.Y	
132125	8-10	NY	Quenched spark gap plates: rect authority to purchase samples of different makes W To---Bu will approve rect for sufficient number of gap units.8/15.	
✓ 132177	8-5	NY	Loading coils with pick off arms for radio transmitters: rect \$300 be allowed to complete details of design.W To---appd.8/15.	
132527	8-17	CO	K-2 reports Wireless Imp. sending set N.G.	421-6
132849	8-21	WALKE	Telefunken receiving set unreliable	471-6
✓ 133596	8-19 9-2	Baldwin, N. S&A	Unable to furnish bond for 100 sets: rect be allowed to furnish in lots of 20 of contract be placed thru Wireless Imp.Co. W Fwd S&A---Comments. 9/4	
✓ 133638	9-2	To Wireless Specialty Apparatus Co.	Bu states it would be embarrassed to return the sample key as rect in your proposal before execution of the contract. Sample will be included in the ten required if it meets with your approval. Co agrees: rect in future samp be ret 9-4 Fwd S&A 9-8	

RECEIVING AND SENDING SETS.

1914

Number.	Date.	From or To—	Subject.
✓128891	6-24	Clark, G.H.	Reports on test of hand and relay keys submitted under schedule 6709. W
✓128915	7-1	Arlington 351	Baldwin head receivers: recd 3 pairs for Station: states superior to Wireless Spec. and French type during recent test. Eiffel tower: were used in Paris. W To--- & SIA request shipment, Washn to Arlington. 7/3.
✓129025	6-26	CONNECTICUT	Audion amplifier: have transferred to MINNESOTA to make test. W
✓129246	7-7	Radio T&T Co.	DeForest tele receivers: fwsd print showing resonance curve. W To---Ack. 7/9
✓129391	6-30	At Flt	Audion amplifiers: reports transfers from CONN TO MINN; FLORIDA TO NY; tikker detector NEW JERSEY TO WASHN. W
✓129630	7-10	Nat Elec Sig Co	Invites attention to new relay key. W To---request complete details. 7/14.
✓129726	7-10	Radio Tel & Tel Co	Co. 7/15 have small relay for 2 to 10-kw set not yet patented: will supply one for test. W Amplifiers: instructions for use of; fwsd amended copies. W
✓129768	7-8	Wireless Spec. Co.	Fwsd Pickard comments re new telephone head set. W
✓129768	7-9	Wireless Spec Co	Fwsd head telephone for test: invites attention to copper clamping of diaphragm on ear pieces. W To---returns set for rewinding to 1000 ohms. 7/21.

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 129843	7/14	To N. Baldwin	Offers to manufacture his sets at Portsmouth yard under royalty basis; also offers employment to supervise such manufacture. W
✓ 130248	7-3	MINNESOTA	Audion amplifier; exp test; W To S&A request shipment of from ship to NY for repairs. Fwd CO via NY 7/21. r 9 10 Fwd CO-- for information. 9/11. 101
130473	7-21	Wireless Spec Co.	Special relay key; fwds drawings showing mounting on Bakelite base. W
To—Bu when can	has submitted, begn for; asks be delivered 7/29 Co 45 days 7-		30 To—Bu has no use for such. 7/24. Co quotes price on relay key not mounted on base 7-28
130456	7/21	TO YARDS.	Radio detectors - proprietary; purchases for whole service made at NY yard; fwds copies of correspondence. W
130550	6-23 7-21	Cavite S&A	Reports stock of radio receivers sets exhausted. W To S&A request shipment of material from NY to Cavite. 7/24. Ret S&A desirable to keep a few receivers in stock at Cavite. 7/24
130820	7-24	Ericsson Mfg. Co.	Offers to supply high frequency buzzer at \$10. W To - submit sample 7-28
✓ 130878	7-20	Baldwin, Nat.	Replies to proposal of Govn to mfg head sets under royalty; refuses permanent employment offers to give service for \$10 per day and expenses for a month's demonstration of his manner of manufacturing. W To Dept--Enca copies of letter from Baldwin re manuf of radio telephone set. 8/26. 103
✓ 131304	7-28 7-31	Winn, H.L. Supt Radio	Reqt information as to purchase of I-P-76 receiving set from Govn. W To H.L. Winn. None for sale. 8/3

RECEIVING AND SENDING SETS.

1914

Number.	Date.	From or To—	Subject.
127380	6/13	NY	Reports number and type of radio detectors on hand.W
✓ 127380	6/13	To NY R	Request information as to number and type radio detectors on hand and due under contract and also due under existing stock requests.W
✓ 127538	6/11	NY 855-110	Installation of an experimental set on Fire Island lightvessel for testing out fog signals for Lighthouse Board. Revised est.W Fwd NY --rec. 6/16 To ---appd. 6/26.
✓ 127922	6/19	Louis Cohen	Submits report on his high frequency alternator, with sketches.W
127930	6/20	NY	Reports on generator short circuit sending system as applied to Marconi transmitters 5-kw: gives advantages of.W
✓ 127904	6/20	To Radio T & T Co	✓ To NY and Marconi Co. generator short circuit sending system appd 6/22 Makes statement in their bulletin C-14 that they are prepared to supply oscillating audions of higher power than the standard form. Asks to quote prices and other particulars on ultradion bulbs.W
No. 8	6/20	To HELM via Asiatic Pit	Ship's survey 61 of June 15th: worn out detectors should be surveyed for repairs as a navy yard can build up new one around remains of old detector cheaper than one can be purchased at present high cost, owing patent situation.W

RECEIVING AND SENDING SETS 898

Number.	Date.	From or To—	Subject.
✓ 128070	6/22	NY 855-114	Telephone receiver cord for radio use; reports on test of. Submits samples. W NY 6/24; Western Elec. Co. inquire if samples are satisfactory. W To---specfns appd. 6/29. To Western Elec. Co. satisfactory. 6/25. To NY. Fwds copy. 6/26.
✓ 128225	6/12 6/24	NY 855-705-260 S&A 27-224	Telephone receiver cords for radio head sets; recommends changes in specifications for. W Ret S&A. red specfns be amended. 6/25
✓ 128084	6/23	To William Dubilier To---Ack. 7/17.	Result of test of his radio transmitter. W Dubilier Elec Co. additional data on 6-27 To---fwsd copy regn and specfns for four sets; asks if satisfactory. 7/10. Dubilier quotes prices 7-13 Oscillating audion; quotes price for complete set and gives capacity. W Co-6/26. corrects quotation. W
✓ 128333	6/25	Radio T&T Co.	
✓ 128441	6/26	Wireless Spe. App. Co. Fwd NY-- 11/21 To W. Is--Have reqt shipment. 12/8 To S&A--Reqt shipment. 12/8	Detectors and wrenches for; quotes prices. W To Dept. comments. 7/2. To---gives prices quoted by Co 7/2 NY re discontinuance of mg 7-7 M. Is reqt be forwarded 11-15 Austin Reqt report on combined r. hand; and relay key. W To---gives quotations from report. 7/3.
✓ 128499	6-27	Wireless Imp Co.	
✓ 128769	6-25	Mitchell, Hon J.J. To---and NY submit to NY for test. 7/22	Reqt Bu investigate S.F. Bickford Bishop multiphone. W To---No record of using instrument. 7/1. To---comment. 7/11. Fwds further data 7-18
✓ 128812	6-27	Wireless Spec. App Co	Minimal detectors; fwsd reqt for proposal from NY to furnish pure silicon; impossible to do so; reqt information on head telephone set sent for test. W. To---returns proposal. 7/1.

RECEIVING AND SENDING SETS.

1914

Number.	Date.	From or To—	Subject.
125813	5/26	Arlington 271	Audion amplifier: reports on test of.W
✓ 126137	5/26	N. Baldwin	Receiving sets: steps taken to prevent corrosion of washers: requests return for repairs of any defective sets. Also requests Bureau expedite payment on 12 sets shipped to Mare Island.W Pmd S&A—reqt payment be arranged for 6/1
✓ 126185	5/30	Richard Pfund	Spark gap: further data on.W
✓ 126189	6/1	To Naval Academy	Authorizes acceptance of offer of Radio T & T Co of loan of audion amplifier for instructional purposes during midshipmen's cruise.W To ILLINOIS directs audion amplifier be delivered to N. Acad. 8/17 TO MISSOURI del. N. Acad. 8/16.
126214	6/2	To S&A (2 letters)	Radio ticker detectors: request shipment: gives list of vessels and radio stations. to be shipped from NY and Mare Is.W
	6/3	To Yds.	ditto
No #	6/2	To Pug. Sq.	Reqn. 171 disapproved, for radio receiving sets: Bureau about to begin mfr of a new type. 2-R rb 618
✓ 126353	6/3	To Wireless Spec Co	Detector tester: asks if have one available for early delivery, also price and whether it embodies all the improvements over previous models as suggested by Dr. Austin.W Co. 6/10. est. \$50 to make changes.W

RECEIVING AND SENDING SETS..698

Number.	Date.	From or To--	Subject.
✓ 126707	6/6	Radio Telephone & T Co.	Ultraldion detector; quotes price and gives description, etc. W To---regrn prepared for certain. 6/9. To---6/12
126994	6/2	Colon Fwd NY. 7/10. rl 7 28	Audion amplifier; reports on test of; favorable. W To---To S&A--shipment reqstd from NY to Colon of three dry cells for same 6/11 Crenshaw re supplying batteries 6-27 Reqs information as to whom and what quantities the double Audion bulbs purchased on M.N.S.A. req. 104/1912 from the Radio T&T Co have been shipped. W NY 6/13. gives distribution. W
12704 0	6/10	To NY	Directs take great care to prevent bulbs from falling into hands of persons not in the Naval Service 6/20 Spark gap mfrd by Richard Pfund - reports oh. Gap not fitted. Recommends have special 5-kw gaps designed for necessary voltage on shipboard use. W Fwd Dept--requesting authority to place proprietary regn 6/13 To B. Pfund asks as to price, etc. 6/17. Pfund 6/20. bid \$360 did not include cooling app; will increase price \$115. W Fwds Bulletins on the audion detector, audion amplifier, and receiving apparatus. W To---ack 6/12
ARK transf to FLORIDA 7-6 127159	6/11	To Flts and Ships, Yda. Nav Acad and Colon Arlington	
R. Pfund ack order 7-7			
✓ 127169	6/11	Radio T. & T. Co.	Reqst NY be instructed to keep small supply of dry cells in stock for audion amplifiers which the Bureau has in service. W rt 78 Ret---7/8
127149	6/11	To S&A	Re purchase and distribution of audion amplifiers, etc. W Norf rect copy 8-11 To Norf. fwds copy of letter of June 12th. 8/14. Norf returns 8-21 War Dept fwds receipt for bulbs 12-15 Fwd S&A-- 12/28 To---Rect stock of bulbs not less than 100 be kept on hand. 4/23
127146	6/12	To NY	

1014

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
123919	5-1	Wireless Spec App Co.	Quotes report from Tropical Radio Tel Co. on their receivers and tuners; favorable.W
✓ 123961	4-17	Fed Tel Co.	Reports shipment of telephones and cord for use with Tikker.W
123974	5-2	M. Ia T	Reports receipt of 2 phones from Baldwin; no shipping papers for other 10 sets.W
124415	5/8	To Radio T&T Co.	Ultra audion; request descriptive matter and quotations.W
✓ 124418	5/8	To Norf.	Receiving sets: asks if the two 1-P-78 turned in by the NW HAMPSHIRE. Also asks if one is in Reserve Acct removed from STRINGHAM.W Norf. 5/12.
✓ 124769	5-6 5-12	Radio Tel & Tel Co D63t	Reforeat Audion detector;W To--Sacy's Sig--5/14
124839	5/14	To S&A	Shipment requested from NY Yd to Wash Yd for the Wash Radio Station, two type 1-P-111-L radio receivers purchased from the Wireless Spec App Co under ctn 19920.W Fwd S&A 6/15
✓ 124873	5/14	To Math. Baldwin	Criticizes method of attachment of the armature to the mica diaphragm on radio telephone head sets; enclosed copy schedule 6709, class 51, 100 telephone head sets.W

RECEIVING AND SENDING SETS 698

Number.	Date.	From or To—	Subject.
✓ No. #	5/14	To Radio Tel & Tel Co	S. E. Reqn 87, audion amplifiers and double bulbs: price high, what type to be supplied?
✓ 124896	5/14	Wireless Spe. App. Co.	Stroboscopes: calls attention to demonstration of. Also recommends using the small entry form on a 1-P-111 receiving set; quotes price. W
✓ 124985	5/15	Radio T&T Co.	Audion amplifier plugs: reduces quotation to \$2.50 W To — 5/16
✓ 125013	5/15	Lewis Cohan	Fwds drawings covering his wireless receiver and submits bill in duplicate for 50 sets. W
✓ 125455	5/21	Richard Pfund	Fwds prints and quotes price on his new improved type of spark gap. W TO -- reqt further inform 5-28
✓ 125443	5/21	Radio T&T Co.	Ultraudion: quotes price; Fwds prints and specifications covering. W
✓ 125552	5/22	Arlington	Spark gap mfrd by Richard Pfund: reports on test. Recommends Dept purchase. W
✓ 125774	5/25	Wireless Spe. App. Co.	Fwds two new detector stands with silicon and Perikon. W TO -- will be tested 5-28

1914

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.	
121888	4-8	Dept Commerce	Memo result of conference concerning best type of transmitting and sending set.W	
122249	4-7	Baldwin, N.	Telephone head sets: will be able to ship 14 of the 30 sets by Apr 22; telegram garbled; request confirmation by letter.W To—desired 12 sets be shipped to M.Is. to arrive by 25th inst. 4/13.	
122658	4-16	Radio Tel & Tel Co	Audion amplifier and detector: have forwarded to Bu Standard for exhibit American Physical Society; DeForest will call at Bu. W	
122758	4-13	Baldwin, N.	States if 12 sets required for immediate shipment are required in addition to order for 30 cannot make shipment by time required.W	
122729	4/18 4/20	To NY, Colon, CALIFORNIA. S&A. ✓ TO YARDS	Radio receivers: request shipment from NY to Boston, Norfolk, Charleston, Key West, Pur. Sd. M.Is. Colon, San Juan, Guantanamo, CALIFORNIA.W Chas. issued one receiver 4-8 to Chas. two receivers shipped by mistake: request be shipped to Pensacola 4/27. Fwd S&A. request shipment to Pensacola. 4/27.	
123127	4/17	The Ericsson Mfg Co.	Calls attention to their buzzer.W To—desires sample and quotations 4/23	BELOW
123201	4/23	Pug Sd T	PACIFIC FLEET: have authorized purchase 10-kw Federal Radio set vice JUPITER, now at M. Is.; sending to C-in-C; will obtain 30-kw set for San Diego	494
123127		SEE ABOVE	To Ericsson Mfg. Co. Ask. Asks if may expect shipment of sample buzzer for test laboratory. Bu. Standards. 4/30.	

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To—	Subject.
123322	4/24	Radio T. & T. Co.	Quotes price for furnishing amplifiers and bulbs and gives time of delivery. W
123377	4/25	To NY T	Fwds immediate wiring diagram 1914 type I-P-76 receiver. W
123588	4-15	Wireless Spec. Co.	I-P-6: receiving sets: have delivered 13 instead of 12; reqt contract be increased; states new tuners delivered with receivers do not infringe sustained Fessenden patent claim. W
123613	4-20	Baldwin, Nat	Reports unavoidable delay thru failure to receive magnet wire and cords. W
123677	4-9	FLORIDA	De Forrest Audion amplifier: reports on test; states doubles transmitting range of any station when working with station equipped with same instrument. W
123126	4/28	TO FLEETS: Canal Zone, Supt. Radio: Key West, W. Is. Arlington	Preliminary instructions for use of audion amplifier for elimination of static disturbances. W
123799	4/30	To NY	Radio receiving sets, type I-P-76; gives Bu's record of those in store at New York; asks if receivers were shipped to ALBANY, Illinois, Burrows and Macdonough; also gives record of those in store. W
Ex NY 5/14 lists. W		To NY 5/15	NY gives list 5-5 NY further 5-8
NY 5/19 letter of 11/11/13 re shipment of sets to Kodlak, Cordova and Pt Loma inadvertently filed by GSK. W			To—asks to whom receivers were issued; gives Bu's record. 5/6

RECEIVING & SENDING SETS.

1914

Number.	Date.	From or To--	Subject.	
118805	2-14	Rfund, R.	Reports sending new type spark gap to Arlington for trial: reqt orders. W	
19832	2/28	NY	Reports final inspection of 5 kw radio sets Wireless Spec. App. Co. Very sat.	629
119146	2-13	Cohen, L.	Receiving set: reports Sir R. Lodge has filed interference claim: may delay award cont for 2 or 3 years. W	
119234	3/6	To Radio T&T Co.	Returns bill for material furnished under K. J. A. Sp. recon. 184: requests be fwd to GSF NY yard. S&A N	
119280	3-6	Cohen, L. (See below) To Dept--Reqt auth to submit recon for purchase of plans Dr. Cohen's invention at cost of \$7,500.00/ 12/19 Fwd Dept--Re contract. 1/19	Transmitting and receiving set: quotes price for drawings covering W To Dept. request auth. to submit recon for purchase of plans. 3/11. 184 21 To Wash. detail draftsman for preliminary work on mfg of sets. 4/23 To Dept -- signed copies of cont 5/14 Reqt return of or payment for motor tikker now at Radio, Va. W	
119730	3-3	Federal Tel Co		
19820	3/7	NY	Asks if sample new type receiving set submitted to this satisfactory. W	629
119899	3-13	Wireless Imp Co	2 kw transmitter broken antennae inductance: offers to replace free of cost. W To---NY and S&A request shipment to NY for repairs and return. 3/20.	
119280	see above		Fwd Dept--Submits comments of Dr/Cohen re wording of contract. 1/23	

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
120035	3-14	Dept Commerce(Navyn)	Have issued ruling that Marconi magnetic detectors are for efficient as receivers for distances over 100 miles and as required by law on Merchant Marine. Marconi Co have protested against decision; reqt Navy opinion also results of any tests made. W To---comments. 4/1.
120383	3-19	NY 705-239-1	Galena crystals for radio receivers; fws samples; submits proposed specs; recommends purchase of 100 pounds; lists firms that can supply. W. Fwd Dept. req purchase; also of other materials. 3/23 RB 4 15 appd
		Fwd NY submit plans and est for construction of detector stands. 5/4.	To Wireless Spec App Co—Complains of high prices charged for crystal detectors 4/23
121146	3-30	Radio Tel & Tel Co	Audion amplifier have developed bulb using tantalum filament which will last over 480 hours; reqt order. W To---Will accept. 3/31. Co have taken up question of ext time due to furnishing inductor generators 4-1
121159	3-30	Wireless Spec. App Co	Reqd telegraphic order for 22 receiving sets at \$390 per set in order to make delivery before infringement notice; can be served on company. W Fwd Dept. req purchase. 4/4 RB 4 7 appd To---app. 4/6. To NY fws copy of telegram. 4/6. Co reqt group tuners be ordered 4-8. To---not desired to purchase any group tuners. 4/9.
121552	4/4	To NY	Multiple segment mercury interrupters; asks if report directed in Eq. #127,708 of May 28 th 1906, was actually made. W NY report never made 4-7
121729	4-7	M. Is T	Require 12; prefer Baldwins. W Baldwin 4/c (T) can ship 14 sets by Apr. 22d. W To N. Baldwin. Order for 30 sets mailed; asks how many sets can be del. W. is 25th inst. 4/7. (T) to M. Is. asks minimum number required before sailing of BUFFALO. 4/7 (T) to M. Is. shipment arranged. 4/8

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 116752	2-3	Radio Tel & Tel Co	Reports delivery of 10 amplifiers to NY Ya. W To---ack.2/4
✓ 116640	1-29	NY	I-P-76, 1-12 receiving set; recd instructions re supplying detectors for. W To---requests submit recd. for detector renewals sufficient for six months for repair work.2/3
✓ 116895	2/5	To Washn.	Radio receiver developed by Dr Louis Cohen; request estimates for manufacture of. W ack.
✓ 117017	2/4	J.H.Clark	Gives brief report on Telefunken, R.E.S., Marconi, and Lowenstein quench spark caps; suggests that services of Mr. Lowenstein be obtained to develop spark gapard transformer. States Lowenstein's tubular cap on the BIRMINGHAM gives excellent satisfaction.W
✓ 117167	2-6	NEW JERSEY	Telephone head sets; recommends spare discs be furnished with. W To---request further information re plac- ing on allowance list.2/10. NJ Gives reasons for recd 2-18
117168	2-6	NEW JERSEY	Head set; telephone cords furnished with not satis. W To---asks where obtained.2/10. NJ gives history 2-12
✓ 117064	? 1/26	Cohen, L.	Provides description of his secrecy sending apparatus. W To---comments; Bureau will make test of plan.2/9.

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To--	Subject.
✓ No #	2/11	To NY	Cerussite detector renewals; desired not be purchased from Marconi Co. Request estimates for six month's supply. W-R
✓ 118012	2-12	Radio Tel & Tel Co	Amplifiers; additional instructions re use of. W
✓ 118044	2-17	Radio Tel & Tel Co	Reports 3 amplifiers tested at NY and proven satis; reqt one be installed at Arlington. W to S.A. Request shipment from Arlington to Company of amplifier. 2/19 and Arlington via WSRN. 2/19 Reqt reply 2-27 To---shipped to NY Feb. 25th. 3/2
✓ No #	2/19	To Davao and Cavite	Cavite survey #18. Whenever any part of a DETECTOR remains, it should be rebuilt or repaired and held for issue. W-R
✓ 118167	2-16	Baldwin, Nat.	Have 15 sets nearly completed; can deliver within 30 days; 15 more sets 45 days; submits new type shell. W ✓ to R.S. Halsey/ submit reqn for necessary telephone discs 3/21 "o---will submit reqn for 30.3/6
✓ 118605	2-16	Clark, G.H.	Reqt Lowenstein break key be shipped to Washn Yard for test purposes. W
118753	2-21	NY 405-855-10	Audion Amplifiers; gives reasons for delay in inspection. W

RECEIVING AND SENDING SETS.

1913

Number.	Date.	From or To—	Subject.	
✓ 113633	12/27	To Federal Telegraph Co.	Tikker detectors; request price for 28 motor-driven.W	
19920	12/22	Wireless Spec. App.Co.	Minature receiving set, returned by NY Dec. 27, therefore contract must be dated Monday Dec. 29, in lieu of Dec. 1st.	629
✓ 113678	12/31	To NY.	Detectors; bids under reqn.126; order placed thru error. Asks if have sufficient stock for next four months.W NY gives number 1-23	
			1914	
114001	12-29	WYOMING	Reqt authority to to transfer Bellini-Tosi received to NY Yd. Understand no further test desired.W To---via NY.appl.1/5.	
✓ 114410	1/2	To Washn	Cohen receiver; issue of drawings prepared at yard. to Dr.L.Cohen, authorized; original drawings should be retained.W	
114841	1-11	Clark, G.H.	Heterodyne receiver: fnds sketch showing buzzer type developed by J.E. Schell, chief Elec'n; recommends be ordered to Washn to perfect.W End Supt.Radio.1/14. RR 113	
114919	1-13	Wireless Spec. App Co	Triple amplifones; furnished last July for Naval Observatory; reqt payment. W To---request information re deliveries made on pu.reqn.12.1/12 To---comment.2/6	

RECEIVING AND SENDING SETS. 698

1914

Number.	Date.	From or To—	Subject.	
No "	1/16	To NY	Necessary to carry in stock spare DETECTOR renewals, carbobinadam and cerusite, or detectors supplied by Marconi Co. W&R	
115617	1/21	to Chas. & S&A.	Light-vessel #13: request shipment of receiving set NY to Chas. for.	678
115647	1-14 1-21	NY Washn	Experimental Fire Island light ship: portable radio set for; Washn has not received shipping instructions. Set NY 1 1/2 kw set was carried to NY by Subinspr. Clarv. 2/4	
115134	1/26	To Dept.	Telephone head sets: gives list of bidders on schedule 8120. Subins recommended to S&A that all bids on class 142 be rejected. Request auth. to submit reqn for 30 sets in favor of Nathaniel Baldwin. Dept authorizes 28233-1015 2-3 To N. Baldwin request price of telephones. 2/4	
116199	1-24	Federal Tel Co	Quotas price for motor tickers. W	
116192	1-22	Sweet, H.W.	High frequency impedance telephone receiver: reqt data on. W To M. is value at 500 cycles twice the D.C. value. 1/30.	
116476	1/31	To Radio T&T Co.	Audion amplifiers: request copy of printed instruct one which will accompany each set ordered. W Radio Co lwdn proof: ready 2-7 2-4 To --- Ack. 2/6	
116609	2/2	To S&A	Radio material: request shipment from NY to Washn, Key West, Ware Island, Pac. Fleet, North Head, WYOMING: FLORIDA: CONNECTICUT. W To Key West, Colon, Arlington, WYOMING, FLORIDA, CONN. Pac. Ft. M. is. instructions for experimental use. 2/6	

RECEIVING AND SENDING SETS:

1913

Number.	Date.	From or To--	Subject.	
✓ 111517	11-26	Wireless Spec. App Co	Reqt. report of test on miniature type set.W To---Bu has no such report.12/1.	
111389	11/27	C.O.	CASSIN: reports Garwood set worthless.reqt Wireless Spec. Set.	443--6
✓ 111526	11/29	To Radio Telephone Co.	Audion amplifier: test at Naval Radio laboratory: favorable results attained. Bureau desires quotations.W	
✓ 111704	11-25	Dept Commerce	Approves expenditure for installation experimental radio set on Fire Island light vessel for test.W End NY.12/3 RG 1 C	
✓ 112033	12-4	NY	Reports on test of 3 phase transmitter submitted by Wireless Imp Co. W	
✓ 112139	12-9	Radio Tel Co	Audion detectors: quotes price \$45. in lots 10 single \$50. W	
112179	12-3	Radio Tel Co	Four prints showing elevation of De Forreata Audion amplifier. W To---request further information.12/9. Co further inform 12-12 To---Recn being prepared for: request diagram.12/16 Co rws print 12-18	
75	12/9	NY	Bellini-Toai apparatus: make what test de- sired.	625

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To-	Subject.	
✓ 112363	12/10	To S&A	1-P-76 receiving set; request shipment of one from Bu Standards to Wireless Specialty Co. for repairs, and return.	
112665	12/13	To M. Is. & S&A	Detector tester and amplifone, reqt shipment from Wash to M. Is.	818
112623	12/15	To Boat. & S&A	CAFE COD: Stone receiver; request shipment to Washn yard, for Arlington Sta.	802
19921	12/16	To Brook	Radio transmitting sets, ordered Wireless Int. Co. Directs a certain place of mfr. as Company has not replied to Bu's letter.	629
113074	12-17	NY	Reports receipt radio head sets from N. B. Edwin reqn 107; asks what tests to be made. NY directs issue of six to vessels of AT. FLEET. 12/23 NY names vessels sets assigned to for test 12-29 NY lists vessels issued to 1-16	
✓ 113629	12/26	To S&A	Jellini - Tosi radio direction finder; request shipment from NY to Washn of two sets, purchased from Marconi Co., Cont. 75. W	
✓ 113704	12-26	Wireless Spec App Co	Reqd return of miniature receiving set shipped to NY Laboratory.	
113034	1/218	To NY	Reqd issue and shipment to Wash. for laboratory of 6 sets detector renewals.	916

RECEIVING AND SENDING SETS.

1913

Number.	Date.	From or To—	Subject.
109998	11/11	To Eng. Sd.	Three receiving sets will be supplied from NY. Bureau desires all sets turned in at yard be repaired, if possible, and held for reissue. W
110622	11-15	NY	Estimate for installing radio set on Fire Island Light vessel in connection with testing of fog signals. W To Dept. request appr of Dept of Commerce be obtained. 11/18
No. "	11/17	To S&A	New York recn. 321, for headgears, for receiving sets; rec. specrs be amended. R
110664	11/18	To Ports. & S&A.	PADUCAH: survey #1: receiving set turned in from; request shipment from Ports to New York yard. W
✓ 110723	11/18	To NY R	Services Weneratti cannot be spared to continue D. A. tests. If advisable test between ship and Fire Island, observer should be detailed from yard force. W
110734	11-18	NY 865-69	Head telephone receiving set: asks if any special make has been decided upon. W To---states what have been approved. 11/21.
✓ 110940	11-21	Hallenbeck, Chas	Reqt. report on. W To---not suitable for naval use. 11/24
✓ 110941	De Forest 11-19	L. D	Have expressed Audion amplifier to Washn and reqt. be sent to Bu Standards for test. W

RECEIVING AND SENDING SET. 898

Number.	Date.	From or To—	Subject.	
✓ 111080	11-18	Baldwin, N.	Offers to sell English patent on receiving set for \$500. W To--- suggests sell to some English com- pany. 11/25	
✓ 111085	11-17 11-20	CONNECTICUT At Ft	Fessenden transmitting key for 5 kw set: unsuitable and recommends no more be issued. W Fwd 1414. 11/25 Ret CO via At-Fit. for further comment. 12/16	
✓ 111267	11/22	NY 935-655-24	Reports on test of 3-phase radio transmitter submitted by Wireless Improvement Co.,	
1110862	11/20	Supt. Radio	Recommends changes in reports required from Naval Elecs.	742
111264	11/24	NYth	DASHIN, Garwood receiving set, survey on condemns, reqt instructions re issuing replace set.	443--6
111244	11/22	Port Royal	Reports on condition of radio rec. set.	848
111223	11/25	To NY	ONTARIO radio receiving set, turned in from NY station, desired be transferred to	524--6
111438	11-21 11-26	Jallenbeck, Chas Dept	Reqt result of test of . W	

RECEIVING AND SENDING SETS.

1918

Number.	Date.	From or To—	Subject.
108336	9-11 9-17	Peters, A.F., Chief Elecons Asiatic Fleet	Parikon detectors: reports increase in sensitiveness and value as detector by scraping with piece of iron; rect. BU opinion as to reasons for this. W TO HELENA via Asiatic Fleet. Idea not new. 10/31.
✓ 108531	10-21	NY	Detectors and receiving sets: submits list of those purchased during past fiscal year. W
107739	10/11	To NY & S&A	Detector tester, reqt shipment, NY to Wash. 916
✓ 108817	10-27	At. Flt R	Reports receipt of Audibility boxes: satis. W To—asks present assignment of 5 audibility meters 10/21 At Flt reports on 11-11
✓ 108860	10-27	Austin, Br. L.W.	Reports on efficiency tests. W To At. Com Co. fws/copy of portions of report of test. 12/22.
✓ 109213	10-31	Wireless Imp Co.	Rest test of 3 phase radio transmitter set. W To—Willint to test at NY yard. 11/1 Fwd NY. 11/1
✓ 109320	10/22	Nathaniel Baldwin	Will construct non-magnetic metallic parts of German silver. Offers to sell patent. W To—request information re patent. 11/4
✓ 109248	10-31	TO NY	Asks status of delivery of tickers reqn. 55: NY (R) have passed inspection 11-1

RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.	
108938	11/4 VOID	To Dept via Supt. Radio VOID	Quarters for operators at radio station	
5890	10/31	To NY	Radio receiving sets. request information as to the number of sets under, the issue of which has already been authorized, to whom will be issued, and authority for.	706
109578	11/6	NY	Reqt auth. to expend \$300 additional for developing break key system improved BS installation.	876
133	11/5	To S&A	Receivers. Bu. recommends substitution of one 1-P-76 1914 type and one 1912 type in lieu of those contracted for. Wireless Spe. App. Co. 629	
✓ 109650	11/7	TO SHIPS; AT FLEET; S&A	Radio ticker detector; shipment requested from NY yard, with spare parts and instructions. Ciclops detector not recd 1-5	
5890	11/3	NY	Gives list of unfilled orders for receiving sets	706
109928	11/10	Dr. L. W. Austin	Detector tester, Wireless Specialty App. Co. Recommends certain changes in W To Wireless Spe. App. Co. Asks if can make changes without addtl cost or extension of time. 11/10	

RECEIVING & SENDING SHIPS.

1913

Number.	Date.	From or To—	Subject.
✓ 105438	7-31	Fanning, W.N. Ch.Elec	Galena detectors: reqt. be given credit for discovery of use of; also recommends polished silicon buttons for tickers. W
✓ 105962	9-17	DELAWARE:	States cords furnished with radio head sets defective. W Fwd NY. for rec. 10/20. RB
✓ 106059	9-13	Baldwin, N.	Reqd. orders for additional receivers. W
✓ 106799	9-26	At. Flt	Audibility boxes for use receiving work: reqt. be supplied to WYOMING: FLORIDA: CONNECTICUT: KANSAS. W (R) to --- will be sent by Wireless Specialty Co. 10/23 (R) to At. Flt. five boxes shipped. 10/24 To 3&A. advising 10/24
✓ 106950	10-2	Wireless Spec. Co.	Receiving sets 1-P-111: have 9 sets on hand and quotes price \$10. each. W To --- cannot place reqt. for 10/3
✓ 107249	10-6	Cohen, L.	Electro static wireless receiving set; unable to transfer limited patent right due to interference suit of patent; grants Bureau authority to manufacture as many as required pending result of suit. W Fwd Solicitor. for comment. 10/9 RB 10 14
75	9/24	Marconi Co.	Bellini-Tosi direction finders sets have been ready for delivery, awaiting instruc. 629

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To—	Subject.	
✓ 107293	10/6	To Dept.	Request authority to purchase "Detector Testers" and "Audibility Boxes" from Wireless Specialty App. Co. W J. L. Spd	
75	10/7	Marconi Co	Bellini Tosi, gives reasons for non delivery	629
✓ 107649	10/11	To Wireless Spe. App. Co.	Request price for 3 detector testers and 20 audibility boxes. W Company quotes price 10-14 To - will place order for 2 in lieu 3 each on account of inc. price 10-15	
✓ 107660	10-13	NY 733-52	Quenched spark gaps; est. for mfg. W NY submits estimates 10-27 To - will not take action at present. 10/30.	
107762	10 13	To East	East. Regn 243 for detector stand type 1-1-75 r quest explanation as to why necessary to purchase - CAPE COD STATION.	802
✓ 107926	10-15	To N.Y.	Detectors and receiving sets - directs report on number and type in store 10-15	
✓ 108041	10/16	Wireless Specialty Co.	Detector testers and debility meter; gives estimate of apparent high cost and also approximate delivery. W	
108494	9/26	To Norf.	VERMONT: re shipment of receiving set	456--6

1913

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
✓ 103432	8-11	Thew, G.E.	Gives description of his secrecy receiving set. W To---Suggests furnish Bu with drawings. 8/13
✓ 103537	8/13	To NY	Desired one 1912 imp. type 1-P-76 receiving set be assembled for issue with 2-kw transmitting sets purchased from Wireless Imp. Co. on NY reqn. 1742 W
✓ 103777	8-6	Wireless Spec. App. Co	Fwds tips for use on receiving head sets. W To---samples not received 8/22 Fwds samples 8-23 To---comment. 8/25
103855	8-17	At. Flt 915	Beleni-Tosi director: cannot be used on BS with cage mast. W
✓ 103868	8-13	Federal Tel Co.	Fwds copy of orders to F. Pearce Co. for discs. W
✓ 103965	8-15	Dept Commerce	Recommends using North Hook Beacon in lieu of Ambrose Light Vessel for testing out fog signals. W Ref. rpt. via Supt. 9-13
No #	8/22	Memo to accompany NY reqn. 329	Receiving sets: recommends that competition be waived; gives reasons. W

RECEIVING & SENDING SETS: 898

Number.	Date.	From or To--	Subject.
104306	8-25	Austin, Dr.	Wireless Specialty Co. amplifones; reports on and recommends test on snip. W To Wireless Spe.App.Co. quotes report on test. 8/26. Wireless Spec.Co. quotes price 8-26
104732	8-25	Baldwin, Nat.	Quotes price on receiving set; can furnish 2 a week. W To--will submit reqn for 6 sets 10/1 To-M. Is. and NY- reqt be given opportunity to bid 10/1
104776	8-30	NY	Reqt/estimates for manufacture of quenched spark gaps. W
104840	9/5	To NY	NY NSA req. 339 for radio receiving sets cancelled. W2
104922	7/26	C.O.	ALBANY: Receiving set, reqt instructions how to use in order to prevent interference 108-6
105048	9-4	NY 855-41	Estimate for establishing radio signal at North Beacon, Sandy Hook for experimental work with Dept. Commerce. W To N.Y. Bu. will ship 1/4 set for tests 9-13 (R) to--reest est. for 10/1 signal 11/13
105195	9-8	To N.Y.	Asks if can supply from stock 15 to 20 head sets for use during a test. W NY gives number in stock. 9-10
105355	9-9	Marconi Co	Direction finders; have been passed thru Custom House; fnds report on trial of made on Portland. W
105383	9-5 9-10	Commerce Dept	To--Reqt copy of letter of 8/29- 9/11 Recommends use of Fire Island light vessel for testing out direction finders. W Ref. Reqt. via Supt. 9-13

RECEIVING AND SEND:SETS.

1913

Number.	Date.	From or To--	Subject.
100437	6-27	Clark, GH	Ticker shipped by express yesterday. W
✓ 100341	6-26	TO Pearce, F. & Co.	Rotary ticker; asks when may be read. W, Pearce shipped Dr. Austin. 6-27
✓ 100465	6-27	Marconi Co	Bellini-Tosi apparatus; names what will be included in at price quoted. W To---rean submitted for two sets. 7/2. Marconi Co. 7/3 have telegraphed to London for two sets. W
✓ 100624	6-25 6-30	Dept Commerce Dept 12479-640	Re joint experiments between Navy and Light House Board with direction finder to test but value as for signal. W To NY Fwds copy of corres reest est. 7/3. OVER Fwd Subt Radio: rean submitted for two sets Bellini-Tosi direction finding appa- ratus for experiments. 7/3. RB 7-11
✓ 100828	7-3	At. Com. Co.	Telefunken compass; gives description of, etc. W To---comments as to high price. 7/9 At. Com. Co. replies to criticisms. 7-9 To---Rean submitted for one installation. 7/15
✓ 101052	7-2	McClatchie, S.	Invites attention to pneumatic quenched spark gap. W To Bu willing to test; request for details. 7/10.
✓ 101092	7-3	Baldwin, N.	Fwds screws omitted from receiving sets and offers to replace those furnished by more effective sets. W OVER
✓ 101157	7-7	NY 855-705-79	To---will be advised when tested. 7/10. Galena crystals for detector; price excessive; regt. authority to manufacture at yard after patent situation is looked up. W

RECEIVING & SENDING SETS: 898

Number.	Date.	From or To—	Subject.	
101092	7/10	* SEE OTHER SIDE	Telephones for radio set. To At. Fleet. directs test of those purchased from Nathl Baldwin. 7/10. * * * To S&A. Request shipment from Washn Yd to WYOMING. 7/10. To N. Baldwin. Test proved satisfactory. Reqt. price in lots. 8/19	
101598	7-9	NY 855-705	Receiving sets type i-P-76; asks proper quantity to keep in stock. W To NY 7/17 Dept. 8/28 directs req. be withdrawn so as to permit competition by public press advertisement.	
101520	7/15	To NY	Detector renewals: request description of material which is issued as renewal for various types. W	
101549	7/15	To Washn.	Manufacture of experimental radio receiving set and electrostatic telephone; Directs submit necessary requisitions for material and estimates. W	
102325	7-25	NY 855-35	Fwds description of material which has been issued for detector renewals. W	
102378	7-24	CONNECTICUT	Reqt. authority to turn on oil detector	159-5
✓ 102747	7-14	Hallenbeck, Chas	Fwds his receiving set; invites attention to compactness. W To --- Will test. 8/2.	
100621	8/	SEE OTHER SIDE	To Dept. rec approval of project. 8/4. * * * To NY instructions. 8/14.	

RECEIVING AND SENDING SETS: RADIO

1913

Number.	Date.	From or To—	Subject.
✓ 98597	6-2	Marconi W.T.Co.	States Bellini Tosi direction finder is protected in US by 3 patents; and fwds letter from Mr. Bellini relative to recent tests by Italian Govn. W
/ 98571	5/27	M.Is.	Pacific Coast. reqt improved receiving sets. 895
98661	5/27	C.O. MONAHAN	Reqd that receiving sets in store for destroyers building be issued. 298--6
✓ 98767	6-4	Wireless Spec.App.Co	Galena chrystals; understand order for Colon and suggests that new type perikon elec. detector be sent station.W
98955	6-6	Marconi Co	Quotes price of Bellini Tosi direction finder.W To---Request description; comments.6/12. Marconi not too high 6-15
✓ 99076	6-9	Wireless Spec.App.Co.	Fwds bill for perikon elec. detector delivered to G.H.Clark.W
✓ 99360	6-6	Wireless Spec.App.Co	Perikon elec. detectors; fwds samples for Bureau approval.W To---returns detector.6/26.
✓ 99389	5-29 6-13(7)	Commerce, Dept Dept 12479-640	Reqd. Navy cooperate with Light House Service for testing out direction finder for use as fog signal.W. Ret Dept. comments: Bu desires to co-operate.6/14. Dept copy of letter to. 6-18
99395	6-9	At.Flt	Bellini Tosi direction finder; reports on prelim test.W

RECEIVING AND SEND SETS: 898

Number.	Date.	From or To—	Subject.
99309	6/13	To Yds. etc.	Instructions for tuning radio receiving set 905
✓ 99899	6-19	Marconi Co	Quotes price of Marconi-Bellini-Tosi apparatus. W To — comments as to price etc. 6/23. To Dept. Fwd several papers with comments. 6/23. R.B. approves mfr. by Govt. 7/15
100116	6-23	NY T	Bellini-Tosi apparatus; original cost \$1106. Estimate to manufacture \$350. W
✓ 100163	6-13 6-30	Marconi Co NY 855-708-69	Fwd sample of "Dilector" for use on panels of in lieu of rubber; believes to be non-warping. W To NY use of satisfactory. 6/24. To Marconi Co. use of satisfactory. 6/24. To Marconi To Marconi Co. asks from whom can be pur- chased. 7/3. Marconi Co. Continental Wire Co 7-7 To Co. & NY directs send samples to NY. 7/15
100005	6/21	To NY	Bellini-Tosi direction finding device. Request estimated cost for construction. W
99985	6/18	C.O. JARVIS	GARWOOD radio receiver, unsatisfactory, reqt be replaced with I-1-76 250--6
100195	6-24	Marconi Co	Bellini-Tosi app: Stenog: error putting \$ in lieu of: fws printed matter. W To — Ack. Asks to which type price quoted applies. 6/26.
✓ 100228	6-18	At. Flt.	Bellini-Tosi apparatus is not responding to waves of incoming signals; circuit wave meter can be used on sending signals only. W Fwd Dept. too expensive for purpose used. 7/3

RECEIVING & SENDING SETS: Radio.

1913

Number.	Date.	From or To—	Subject.	
✓ 96180	4/28 4/30	D. McWhorter Norf.	Radio recording device for recording calls, etc. Fwds print of one developed. TO Norf directs submit estimates. 5-2 Norf sub. estimates 6-17 To Norf. est appd. 6/20.	
✓ 97222	5-14	Austin, Dr. L. W.	Reports on experimental receiving set designed by Dr. L. Cohen. W.	
97184	5/13	To NY	Receiving sets: request number and type issued in each six months' period since Jan. 1, 1910. W	
✓ 97385	5-14	Bu Light Houses	Reqt. information re Bellini & Tosi direction finders in connection with fitting light stations with Fog Signals. W To --- gives information 5/17. To At. Fleet. Request report WYOMING 5/17.	
97354	5/15	To E-1 via Sub. Flo. AS&A	Perikon-Electra radio detector. reqt ship- ment from N.Y. to Newport for test on E-1.	401--6
✓ 97463	5/17	To Marconi W.T. Co.	Bellini-Tosi apparatus: request informa- tion as to ability to supply. W Perly 5/19. Will be in position to supply in a short time. W To --- 5/20.	
✓ 97599	5-17	Gage, Edw. G.	Quenched spark gaps; open frame construction; fws prints. W	
✓ 97580	5-12 5-14	Kregohl, A. Supt. Radio	Device for reporting electrical waves. W	

RECEIVING & SENDING SETS: RADIO. 898

Number.	Date.	From or To--	Subject.
97661	5/17	NY GSK	Gives lists of receiving sets issued since January, 1910. 7
✓ 97719	5-20	Clark, G.H.	Recommends purchase of Galena crystals for use in detectors; Signal Corps of Army recently purchased large quantity. W
✓ 97738	5-19	A. Fresno	Fwds description of his new recording receiving set. W. To---Bu willing to test. 5/21.
✓ 97871	5-20	Cohen, Dr. L.	Reqt. Department's aid in expediting granting of patent for receiver. W To---will give aid. 5/23. To Sec of Interior. 5/26. Interior IAM set for conference 5-29
✓ 98121	5-17	Gage, E.G.	Fwds design of quenched spark gap receiver. W To---Ack receipt; comments. 5/27.
✓ 98158	5-21	Baldwin, N.	Gives reasons for delay in making delivery and reqt. Bureau try out head band, fwded. W To---re fitting headband. 6/7.
✓ 98492	5/28	Wireless Spe.App.Co.	Advises against purchasing Galena crystals in bulk for radio receiving set. States should be fitted by experienced engineer. W To---request copy of reqn 5419. 5/31. Wireless Co. fwds enclosures. 6-3 To---Ack. 6/4.

RECEIVING & SENDING SETS. radio

1913

Number.	Date.	From or To--	Subject.
✓ 91814	2-27	At. Flt	Lowenstein receiving set: fwds additional report from WYOMING. W o Lowenstein. Fwds copy. 3/10. Fwd NY. 3/10. BB 3--
✓ 91905	2-24	N. Baldwin	Quotes price for receiving set. W To --- Fwds spec's: requirements. 3/14. TO --- requirements. 3-27
/ 92024	3-5	Placher, A.	Had received notice Bu. is using his Siren rotating spark gap at Arlington: asks who installed same. W To --- 3/10.
✓ 92066	3-8	At. Communication Co.	Meissner spark gap: fwds copy of letter to NY re test of W.
92660	3-12 3-17	NY S&A	Reports only 4 type L-P-76 receive. sets on hand. W Ref. S&A Rec. six months' supply be purchased for stock at NY. 3/18. pur-
93194	3/23	At. Flt.	Recd auth. to transfer BELLINI TOSI direction finder from BAILEY to Flag Ship for further test. 903
U 93291	3/26	To Cavite via Asiatic Flt. To NY and S&A.	L-P-76 receivers: request shipment of four NY to Cavite for Asiatic Fleet. W
No #	4/29	To S&A	Bu. recn. 345: bids for radio transmitting and receiving sets. \$10,000. R

RECEIVING & SENDING SETS. RADIC. 898

Number.	Date.	From or To—	Subject.
✓ 93393	3/21	Lathaniel Baldwin	Relative to further tests on his receiving sets. Fwds check for \$4. covering cost of special cords. W for reply see 91205-898
93630	3/28	NY	Relative to shipping of I-P-76 receivers to Cavite. W
✓ 93870	4-1	Marconi Co	Cerussite detector: asks if report has been received from SALEM. W. To---Report not received. 4/2.
94491	4/9	To Washn. & S&A.	Radio receiver: request shipment of one I-P-76 to Wireless Specialty App. Co. W BB 4-14 Fwd S&A desired that receiving set be shipped to Co. 4/16.
✓ 95051	4-15	Wireless Spec. App. Co	Reqt. Bu can purchase special I-P-176 detectors satisfactorily tested on SALEM band at Chasen. W To Bu Purchase 10 and send one to Jupiter 4-19 NY. 4/24. states recon. forwarded. W
✓ 95071	4-11	Marconi Co	Fwds Cerussite detector for examination. W
✓ 95133	4/16	Wireless Improvement Co.	Transmitting panel sets 2-kw. states have surplus stock and quotes price covering same. Also fws specifications. W Fwd. Dept. 4/18 BB 4-4 Fwd NY- test 5/1 BB 7-2
✓ 95327	4-19	TO SALEM & S&A	Heterodyne receiving set: ship to Bu. Standards. W S&A 4/22. instructions will be followed. W Fwd GSE Washn. 4/23 BB 5-1 Fwd S&A 5-2
317	4/23	Wireless Spec. App. Co.	Amplifones, re change in deliver, states seven already sent to New York. 629

RECEIVING & SENDING SETS. Wireless.

1912

Number.	Date.	From or To—	Subject.	
✓ 85203	12/16	To Wireless Spa.App.Co.	Receiver cords for double head receivers; Requests sample and description. (31d on NY Reqn. 682).W Fwds sample of head receiver cord.12/18.	
85636	12/19	At. Flt.	Radio installation, recommends changes in. make and break keys, spreaders for side aerials, changing variable speed motor generators, receivers capable of receiving wave lengths of 6000 meters.	493
✓ 85835	12/24	To Washn.	Manufacture of radio receiving set, exper- imental type. (Dr. L. Cohen inventor.) Expenses chargeable to EofV. W	
✓ 86450	12-27	Baldwin, N.	Receivers: fwds by mail and quotes price for same. W. To---Reqn prepared for.1/4. 1913	
86880	9-6 1-4	Cavite NY	Perikon detectors: Chalcopyrite cups for: go 1 nger used; reat. instructions re filling Cavite a reat. for. W Fwd SAA- with recommendations 1/9	
87390	1/13	To Key West & ARKANSAS	Silicon-Arsenic detector, delivered to G.H. Clark by WIRELESS SPEC. App.Co. Requests be invoiced to ARKA.SAS instead of KEY West. 121--6	
90688	1/26	C.O.	WANNING: Wireless Spec. Co's receiving set, fwds diagram showing additional double throw switch to secondary circuit.operates satis.	203--6

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To—	Subject.
88153	1-14	Baldwin, N.	Ack. purchase of receiving set submitted and asks if Bureau can use any more.W. To---data re test of telephones; asks price.2/13.
✓ 89239	1-31	Marconi W.T.Co.	Invites attention to a new radio detector patented by T.H.Lyon made of Cerusite crystal. W To---Bu desires to test one on SALEM; asks price.2/7.
✓ 89272	2-1	H-C Co	head Radio/telephone; fwsd sample of modified set.W. To---Ack; will be tested.2/5. To---Returns receivers, comments.3/10.
✓ 89771	2-8	Marconi Co	Cerusite detector; quotes price and will send one to SALEM as requested.W.
89795	2-1	At. Plt	Report on Lowenstein radio sending set installed on W-OMING for test. W Fwd NY.2/10. RB 2-10
✓ 89936	2-6	G.H.Clark	Recommends stations be supplied with cheap receiving sets for line listening in purposes.W
89896	2/10	To Washn & S&A	Request shipment of six audibility boxes, delivered under NSA recon Bu.219, to yards and stations specified.W Phila reports receipt after SALEM left.2-18 To-Phila. &S&A shipment 2/25
90104	2-12	Austin, L.W.	Reports on Baldwin L-P-76 receiver and H-C head receiver.W.
90221	2-13	Marconi Co	Cerusite; reports delivery to SALEM for test.W

RECEIVING & SENDING SETS.

1912

Number.	Date.	From or To--	Subject.	
81019	10/25	To NY T	Heterodyne receiver: directs have Subinspr Hill examine at Bush Terminal Saturday.W	
81661	11/2	Wireless Spec. Co.	Personal letter re new type of 1-p-76 minature type, canal zone set. lyden Jara, micrometers, adjusting detector.	876
✓ 81887	11-2	Cohen, L.	Reqt. Bureau undertake development of receiver on new principal: which practically eliminates interference.W. To---Bu desires interview.11/8.	
82287	11/9	Telefunken Co.	TBDS will install 2 new detectors and stand, free of charge on, equipped with their instruments.	496
✓ 82623	11-9	Howard, A.	Re his improved detector. W. To---Bu solicits full description.11/15. Howard reports further.11-19	
82615	11/14	To C.O.L	SYLPH: requests detector be returned to Bu. of standards.	423-6
✓ 82984	11-12	M. Is 1336	Receiving set made up by E. Reber.W. To---test approved.11/20.	

RECEIVING AND SENDING SETS, 898

Number.	Date.	From or To—	Subject.	
83526	11/25	C.O.	STERETT: PESSERDEN receiving set unreliable reqt Wireless Spec. Co's set.	411--6
84012	12-2	Wireless Spec.Co	Reports 1913 type I-P-76 receiving set ready for test. To---Reqst set be fwd for test at Arlington. 12/3.	
83998	12-2	NY 855-705	Will send long distance signals Dec.4th with Lowenstein transmitter delivered under contract 17471; reqt. Bureau Standards listen in.W. To---Gives result of te t. 12/7.	
84198	12-4	Wireless Spec. App.Co	New type I-P-76 receiving set; quotes price on; will forward one to Washington Yard for test this week. W.	
84420	11-29	State Dept	Fwds report from Consul General Paris on Bellini-Tosi direction finder.W.	
84708	12/10	To S&A	NEW ORLEANS, reqt shipment Wash to N.O. of a Federal Telegraph Co. radio receiving set for use in connection with tests.	821
85290	12-16	Cohen, Louis	Fwds patent specs and diagram covering his new. To---Willing to purchase data for con- struction of receiver for demonstration purposes. 12/20.	

RECEIVING & SENDING SETS.

Number.	Date.	From or To	Subject.
76129	8/12	Wireless Specialty Co.	1,000 meter receiving sets. Requests duplicate prints of aeri-als for use in connection with test of. Invites attention to error in rate of capacity of aerial at New York yard. W To--directa communicate with N.Y. 8/20
✓ 76705	8/7	Andrew Flecher	States system has gone beyond experimental stage and requests opportunity to build two stations, Miami and Colon. W To--information not sufficient to judge 8/27
/ 77052	8/29	Wireless Spa. App. Co.	Miniature i. f. ll receiving sets. States have ten sets ready for delivery, and quotes price. W To--Will place requisition. 9/3.
✓ 77333	9/4	E. C. Siggers	Andrew Plechers receiving set and method of grounding. Cwds drawing and explains advantages of. W To -- not in position to take action 9-7
✓ 77384	7/31	Nathaniel Baldwin	Writes further relative to his receiving sets. W
1 77981	9/13	To Wash	Frequency buzzers for radio station. Cwds rean covering, mird by Signal L. M. Ericsson Telephone Co. W

RECEIVING AND SENDING SETS: 898

1912

Number.	Date.	From or To—	Subject.	
78446	9-17	Holtzer Cabot Co	Fwds sample of radio head receiver. W. To--will be tested 9/20 To-- reports 10/5 will submit larger samp. 10-7 To Clapp Eastham - reas. return 10/9 To Holtzer-Cabot, returns 10/19	
/ 78581	9-21	Spec. Wireless App. Co.	Reqt. authority to examine all I-P-76 receivers on ships of fleet during mobilization. W To -- to general overhaul desired. 9-24 To At. Flt. reqt. facilities for rep. to inspect sets. 9-24 To-ter iss. on granted 9/25	
/ 78626	9-21	Telefunken Co	Double head telephone receiver for radio work; reqt. test of one manufactured by Weston Elec. Co. W To -- Fwd 2 sets for test. 9-24 Telefunken fws sample 9-26	
78718	9-24	TO NY	Prepare reqn. for 8 sets I-P-76 rec. sets. 9-24W	
80191	10/14	To C.O.	SALEM: I-P-76 receiving set, turned into store on survey #2, in good condition.	384--6
✓ 80465	10-12	Baldwin, W.	Status receivers on which Bureau made adverse report worked fine; states probably Bu. made an error in testing. W. To--Quotes price at which will purchase 10/19	
✓ 80587	10-16	Wireless Spec. Co	Purchase of perikon detectors; fws statement and list of business transacted between Dept and Company covering detector invented by Picard. W To-- lists 10/23	
✓ 80492	10/8	Wireless Spec. app. Co.	Reqt instructions for Improved I-P-76 receiv- ing sets. W Company forwards booklets. 10-27 To-- Ack. 10/24.	
80779	10/22	Exp. Sta	Bellini-Tosi, direction finder, wave length used during test, 600 meters.	903

RECEIVING & SENDING SETS.

1912

Number.	Date.	From or To—	Subject.
74690	7/31	NY 651-705-659	states F. Lowenstein's transmitter, schedule 4210, ready for test August 2d. Recommends signals be taken by Bureau standards. To—No signals were detected at Bu. of Standards. 8/3.
74377	7/27	To NY, Washn, S&A	Tel-funken radio station tester; request shipment. Washn to NY.
75000	8/5	Colon via Key West T VOID	Have found necessary to order radio set being purchased in Panama, to Camp Elliott for inspection and test. W
74982	8/2	Clapp-Eastham Co.	Notes approval of their 1-kw transmitter for small vessels and submarine boats. Refuse to definitely commit themselves as to adaptability for wireless telephones. W
75059	8/5	Wireless Spec. App. Co.	Detector crystals: object to furnishing for installation by Navy electricians; rec. be inserted by company. W To—Will see that reqns call for detector cups instead of for crystals alone. 8/12
75058	8/5	Wireless Spec. App. Co.	Special receiving set for receiving at 10,000 meters; reqt to be furnished with minimum antenna capacity. W To—Fwds prints. 8/16.
75141	8/5	NY	States stock of 1P-76 receiving sets reduced to 11; requests instrns. rel to renewal of. W

RECEIVING SETS: 898

Number.	Date.	From or To—	Subject.	
✓ 75114	8/5	Wireless Spec. App. Co.	Rec. sets. 1P-76; states have 15 sets in stock. W	
✓ 75191	7/30	Baldwin, Nathaniel	Fwds two receiving sets for test; gives description and instructions for use of. W To—Ack receipt; will be tested 8/7. To—set tested and returned 8/18.	
74895	8/3	To N. Acad. & S&A	Quenched gap; Request shipment from Washn yd to Naval Academy. W	
75455	8/7	Expr. Sta. 1198	Fwds. STRINGHAM'S rept. on radio tests for week ending July 27th covering Bellini-Tosi direction finder. W	903
✓ 75658	8/13	Wireless Spe. App. Co.	Aeroplane receiving and sending sets; asks if Bureau contemplates ordering a quantity. W To—Not contemplated to place any orders at present time 8/16.	
✓ 75649	8/10	Andrew Flecher	Relative to use of earth antennae with his receiving and sending sets. W	
7567C	8/11	Andrew Flecher	States has ordered a diagrammatic sketch with complete station with his resonant system, sent to Bureau. Claims to be pioneer. Objects to establishment of German and English stations when Americans hold pioneer patents on all important improvements. W To— 8/19	
✓ 75789	8/14	Wireless Spe. App. Co.	Fwds Seabury detector for test at wireless laboratory. W	

RECEIVING & SENDING SETS.

1912

Number.	Date.	From or To—	Subject.	
69248	5-20	Radio Laboratory	Reports on test of Clapp Eastham transmitter. W To Clapp-Eastham Co. Gives report of test. 5/28.	
70112	5-31	Clapp Eastham Co	1-kw transmitting set; rect. explanation of certain points in connection with test report. (1) to---Will make addtl prel. test 3d. 6/1.	
71084	6/5	Colon	Reports on new type detector received from Wireless Spec. Co.	808
71293	6/9	CO	CASAR: Relative to status of perikon detectors on board	146-6
71437	6-13	CO	NASHVILLE: rect. new receiving set.	300-5
72026	6/25	To NY	Bellini-Tosi apparatus: upon completion of antenna and fittings, directs prepare for shipment to Expr. Sta. for test by STRINGHAM and BAILEY. W	
72428	6-28	NY	936-855-70 Reports on test of transformer and 10 kw enclosed spark gap furnished by Wireless Spec. Co. for Key West. W	
72199	6/24	Panama	Reports on receiver in use and suggests Wireless Spec. Receiver be sent to replace Mass. Wireless Co.	527
72915	6-28	NY	936-855-21 Test Bellini-Tosi direction finder; rect. be prepared for shipment and test of STRINGHAM or BAILEY. W To---reqst nec. scrap wire be shipped to Expr. Sta. 7/9. To Res. Corp. Group. advising of rect to ship wire. 7/9.	

RECEIVING & SENDING SETS. 896

Number.	Date.	From or To—	Subject.
74126	7/20	G.H.Clark	Report on comparative test of Clapp Eastham and Telefunken 1-kw transmitters. To Clapp-Eastham Co. report of test 7/30
62650		SEE CARD 18	WARRINGTON, 7/23 Ask when may expect. NY 7/31 GSK Shipped by express to Norfolk today. To NY. A. C. Clapp. Best shipment of 1-1-76 rec. set when available to Norfolk. 7/27. TO WARRINGTON. Shipped 7/31st. 8/5. Have new type receiving set 1-1-111-3; quotes price.
74405	7/26	Wireless Spe. App. Co.	
74401	7/26	Wireless Spe. App. Co.	Type 1-1-175 silicon arsenic detector with micrometer adjustment. Has special advantages for use in tropical zone; quotes price. Also aeroplane receiving set.
74437	7/26	NY 936-855-73	Tests in connection with radio sets under schedule 4250. Recommends that Bureau standards be communicated with in regard to same Monday, 7/29, at 3 P.M.
74412	7/26	Expr. Sta. 248 Test No. 211	Report on test of May-Nelson rotary pump. D
74530	7/29	Wireless Spe. App. Co.	Protests against submission of regulations calling for material for use with detectors. To --- comments. 8/2. Carry several hundred jars in stock. 8/6.
74596	7/30	Wireless Spe. App. Co.	Jars are making up 1-1-76 receiving set capable of receiving waves up to 10,000 meters.

1912

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RECEIVING & SENDING SETS

Number.	Date.	From or To—	Subject.
63995	3/19	NY	McCALL: Fessenden receiver from in in store 269--8
64387	3-22	GEORGIA	Reports satisfactory operation relay key. Wireless Spec. Co. W. BELOW To Wireless Imp. Co. Recn. 293 changed to call for only relay key: separate recn. will be made for ship. 3/28. To---instruns. 3/28
64551	3-15	Griffith, D.D.	Asks if Bureau are using Slaby-arco sets. W. To---Gives reasons for discontinuing use of 3/26. To---fwds sketches. 4/9. 3/28 recd a dtl information.
64651	3-19	NY 855-705-603	Belini-Tossi direction finder: contract 602; estimates and arr. for testing. W To---Directs proceed with test. 3/28.
64977	3/18 3/28	Fletcher, Andrew Capt.	Alleges infringement on receivers. W Ret Asst Secy. gives data. 4/1.
64387		SEE ABOVE (OVER)	To Wireless Imp. Co. Quotes report from GEORGIA. 3/30. Wireless Imp. Co. state OVER recn. not recd. 6-25 To Co. and C.O. di- rects CO submit recn. 6/26. GEORGIA recn. sub cover relay key No. 2.7-8
65570	4-5	Lowenstain, F.	5 kw transmitters: fwds complete test results. W To---will be considered in award of cont. under schedule 4250. 4/11.
65573	4-6	NY	Re method of taking up wireless receiving sets turned in by EIC team & LOUISIANA. W
65689	4-2	Baldwin, N.	Will submit special telephone receiver and reqt. sample of one now used by Navy Dept as guide. W To---Carnot fur. sample. 4/9.

RECEIVING&SENDING SETS.

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Number.	Date.	From or To—	Subject.
66002	4-6	MISSOURI	Wda expenditure invoice for, turned in at Phila. 29/11. -- Direc's invoice to Phila. radio sta.
66156	4-9	At. Torp. Fleet	States STRETT is only vessel who has elec. detector; reports transfer set from WARRINGTON to MISSISSIPPI. W
66406	4-12	NORTH DAKOTA	Special report on magnetic detector Marconi type made on Board. W
66544	4-16	NY 855-66	Turned in by MICHIGAN & DELAWARE; have been repaired; rpt. instructions re issuing. W
66803	4-18	Key West	Reports receipt Telefunken receiving set from LUISIANA Apr. 15th. W
67049	4-19	York 2192-1855	Reports make rec. sets and detectors on board. W
67068	4-24	Lawenstein, F.	Act. order for 5 kw transmitter tested at NY NY directs test 4/26. AB 5-1 To---NY to test 4/26.
67435	4-26	Mobley, G.P.	Envs photo and description of his nat. break key. W To---Will test at Bu Standards if one is furnished. 5/1.
64387		SEE OTHER SIDE	To Wireless Imp. Co. GEORGIA is awaiting certified bills from Co. 7/10.

RECEIVING AND SENDING SETS:

Number.	Date.	From or To--	Subject.	
✓ 61746	2-8	Baldwin, N.	Has patent receiver set to use in place of ordinary telephonereceiver.W. To---if desires test, requests fwd full description of 2/23.	
✓ 61818	2-21	NY	Reqt. instructions re sending approved type W-S Co. receivers to Key West in view of the fact that 2 have already been furnished.W. To---Directs hold in store imp. Type 1-1-76 receiver ref. to in 40872-858, 6/10/11. 2/26.	
61858	2/13	C.O.	TRIPPE: Telefunken receiving set not desired: Wireless Specialty receiver installed and working satisfactory. Have transferred to BURGOWS.	448--6
62060	2/24	Bost	Wireless Jreg. receivers received from NY urgently needed at station. reqt permission to stub out	843
62024	2/20	C.O.	MISSISSIPPI: reqt head receivers for:	291--6
No 4	3/1	To Norf.	Silicon detector, item 2. Norf. recon. 670; Bu. has rec. item be canceled. Requests recon. be submitted for Lyon detector.W	No.#
✓ 62650	2-27	Norf 1260-1855	TFDS: reports those on board W To---WARRINGTON SEA. Reqt shipment of Fessenden rec. set, Norf. to Phila. for MISSISSIPPI. 3/6.	CARD 20
62612	3/1	Phila	MISSISSIPPI: induction coil for; have one in store and recommends furnishing in lieu of purchasing new	291--6
✓ 62783	3-4	Jonas, R.E.	Reqt. that Navy Head Bend wireless receiver be sold to him. W To---Bu obtains from Wireless Improvement Co. 3/6.	

RECEIVING & SENDING SETS: 898

Number.	Date.	From or To—	Subject.	
62950	3-5	Baldwin, N.	Fwds drawings of his telephone receiver for wireless work. W. To --- Receiver too large. Watch-case type desired. Suggests make up pair and fwd to Bu. 3/7.	
62926	3/2	G.O.	FLORIDA: recd I-P-76 tuner in place of Fessenden receiver now on board.	205--6
✓ 63234	3-9	Wireless Spec. App. Co	Reqt. Bureau submit requisition covering relay keys sent to GEORGIA and Mr. Todd. W. (T) to Colon. Asks whereabouts of relay key 3/15. To GEORGIA. Request report of test. --- To NY. Reqt copy of cont. #203.3/15. To --- Bu: recd. #258 made to cover 3/26.	
✓ 63524	3-12	NY 855-705-595	Reports receipt of Bellini Tosi direction finder: reqt. instructions re testing. W	
✓ 63497	3/13	To Torp. Flo. At. Flt.	Request names of TDS whose radio receivers are furnished with electrolytic detectors only. Will approve substitution of Leyden jar condenser, 1425-ON, after July 1st, if recommended. W	
63537	1/12	Futuila	Reports receipt of receiver, etc. Asks for what purpose intended, climate bad on instruments stored.	846
63804	3-18	Colon W	Wireless Specialty relay key is in righthand compartment apparatus lockers, Washn Id. From Clark. W	
63932	3-15	NY 855-62	Retary spark gap rec. set: prints and est. for manufacturing ten (10). W To Washn. Fwds prints: reqt. est. for construction of this type. 3/20. Washn. 3/20 gives estimate. W To Washn. Id. directs proceed with mfr. 4/1.	

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.	
59274	1/22	To JERINCHAM DOLPHIN. and L.ACADEMY.	Forwards copy of directions for operating the transformer and quenched spark gap of wireless set.W	
59269	1/22	To C.O.	DOLPHINE: fessenden receiving outfit, direct transfer to Washington Sta.	189--6
59711	1/27	To EY	Transformers and quenched spark gaps delivered under L.S.A. Bu. recon. ltr. Directs acknowledgement: Directs install one set on FCE; ship as follows: one set each to HARS, PECOR and 70 CAR four to Cavite for Asiatic Fleet. Fwds copies of Directions for Operating.W	
59744	1/26	C.O.	Dolphin: reports transfer of FESSENDEN receiving set to NY	189--6
60071	1/29	C.O.	PAULDING: reat Marconi receiving set be replaced by L-P-76 receiver	337--6
60136	2/1	To NY	Remiesta whereabouts of variable condenser for receiver of L-N-W. Telefunken set. Bu.recon. ltr. which was to be shipped to Naval Wireless Laboratory, Bu.Standards, for test.W	
60127	2/1	To At.Flt	PORTABLE SET: Pocket receivers being purchased for use during target practice: instructions to use, and requests special report on results obtained.	897

RECEIVING & SENDING SETS: 898

Number.	Date.	From or To--	Subject.
✓ 60417	2/5	Wireless Spec.App.Co	Fwd invoice for one 1-P-76 receiving set shipped to wireless laboratory. W. Receiver has been placed on R. PAYSHIP. 2/10.
60573	2-5	NY 91-33	States variable condenser for 1 low Telefunken received shipped Washn D.C. Fwd Washn. Requests be delivered to Bu. of Standards. 2/7. R 2-17
60523	2/5	Key West	COLOW: quotes wireless from COLOW: states HARRIS's TELEFUNKEN detector insufficient rect transfer of receiving set in possession of sub-inspector, re-inspecting BALLOA SITE. 808
✓ 61316	2/15	To Washn.	Bu. reqn. 188 for Lyron detectors; have been tested at Bu. of Standards. Two are in use in experimental portable sets; and directs invoice two to STRINCHAM and BAILEY.W
✓ 61409	21-6	Clark, Geo.H.	Fwds report on tune shifter.W. Fwd Washn. Recst estimate of time and cost for mfr. 2/17. 13-10 Fwd Washn. Directs mfr. 3/10. R 3-21
61206	2/14	NY (To)	McCALL: & detectors, asks for data on those on board 269-6
61438	2/16	NY	McCALL: has on board one perikon detector and imp. type 1-P-76 receiver 269-6
✓ 61486	2/17	To Norf.	Request report of types of wireless receivers and detectors in use on board destroyers now at yard.W
✓ 61542	2-14	NY 926-250	Fwds prints of directions for using transformer with quenched spark set. W. Request rec concerning the arc operation described on 8-12. 2/20. 1/3 operation used by Lowenstein; since discontinued for spark operation. NY 3-2

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RECEIVING & SENDING SETS.

Number.	Date.	From or To--	Subject.
57439	12/21	Pug.Sd 269	Test. authority to carry one 1-P-76 set in stock. W To---appd.1/3.
✓ 57536	12/27 1/2	NY SEA	Reports Telefunken set from LOUISIANA received in damaged condition. W.
✓ 57537	12/27	NY	Reports Specialty receivers 231. inspected; unsatisfactory; received from MICHIGAN. W To Tex West. Repairs necessary before shipment. 1/3. To---Test information re shipment of receivers to Tex West. 3/30.
57686	1/4	To C.C.	FLORIDA: test of Wireless Specialty App. Co's detector type 1-P-172 was satisfactory, but price is unreasonable. 205--6
✓ 57829	1/2	Plecher, A.	receive That will send only from special transmitter; states patent is now pending; asks if Navy will undertake test free of cost. To---Willing to test; solicits drawings. 1/10.
✓ 58094	1/8	NY 936-855-45	Reports on test of plate condenser submitted by Wireless Spec. Co. W To Wireless Spec. Co. type extracts; recd price on condensers. 1/13. To NY approves form of condenser. 1/13. Requests number type one p 76 wireless receivers under contract not assigned. W
58076	1/9	To NY T	
58173	1/10	NY T	9 type 1-P-76 receivers under contract unassigned. W SEA. Shipment of five requested. NY to SEA. Is. -- 1/15. Directs submit rean. for 15 type 1-P-76 receivers. 1/10.

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To--	Subject.	
✓ 58334	1/11	To Expr. Station	Aeroplane sending set used in wireless experiments. Forwards bill from National Electrical Supply Co., and asks if all items have been received. Directs return to Co. of motor-gen. and wire ammeter borrowed. W BAILEY, returns bill all items recd. 1/17 Fwd S.E.A. in conn. with Bu. resp. 243. 2/27	
58740	1/16	NY PO T	Wireless specialties receivers; gives price and asks if satisfactory. W (To)---Bld of Wireless Specialty App. Co. satisfactory. 1/16.	
58889	1/16	To Colon	A FORTC BELL: Fertilizer detectors; room made for two; requests report after trial.	800
✓ 58988	1/15	Plecher, A.	Reqt. aid in getting his invention for wireless receiver, etc., before Congress. W To---Bu. will examine prints if furnished. 1/19.	
✓ 59065	1/17	Plecher, A.	Asks that Bureau build antennae and furnish address of manufacturers who will manufacture his apparatus. To---Gives names of firms mfr U.T. apparatus. 1/22.	
59005	1/19	Exp. Sta	TESTS: Fwds report from Bailey on result of Wireless Specialty I.P.S.C. receiver	903
✓ 59185	1/19	Wireless Spec. Co	Comments on report of test of plate condensers. W To---Noted. 1/23.	
59230	1/19	Wireless Spec. Co	Fwds photos of type 1-P-76. 1912 series. Set. W To---ack. 1/23.	

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.	
55781	12/8	NY	Reports on inspection and test of quench spark gap and transformers delivered under 3d Reqd. 188. Recommends no further installation of quench spark gaps delivered under this reqd. until report has been obtained from BAILEY, STRINGHAM and DOLPHIN. W	
55609	12/9	To NY	Fwd C.O. DOLPHIN, STRINGHAM and BAILEY. Reports desired. 12/12. R.P. 18 To Pitts. Yds. Ships. & Lt. House inspection for fwd copies of NY Print showing Rotary spark gap, suitable for 2-k.w. 60-cycle set; rect plans and estimates for a simple construction be submitted. W	OVER.
55698	12/6	NY	Test of Clapp-Eastham sets, reasons for delay in	876
55783	12/9	NY	Apparatus, cont. 12874; states these quench spark gap outfits best results cannot be obtained with turbo-generators, etc	876
56072	12/14	To NY	Reqm. 202. 7 receivers latest type 1-P-76 to be delivered to NY for WISCONSIN, ILLINOIS, PENN., TENN., KANSAS, ARIZONA, and Arlington Station; directs receiver for Arlington be shipped to Washn Yd. after inspection and test. W	
56323	12/16	To S&A & Washn	Resender sending inductances; rect shipment from NY Yd to Washn for wireless laboratory. W Ret S&A. Recd one U-55 turn inductance be shipped in place of the 40-turn. 1/10.	

RECEIVING & SENDING SETS. 898

Number.	Date.	From or To—	Subject.	
56513	12/19	To NY To S&A	Marconi valve tuner; ordered shipped from Washn to NY for return to Marconi Co. W Reat shipment order for. W	
53064		See cards 13 and 14	At. Flt. MAINE. 12/22.	
✓ No #	12/23	To Washn NFO	Bu. Reqn. #202. wireless receivers: rec. acceptance of bid of Wireless Spec. Co. R	
✓ 57006	12/21	Andrew Pleacher	States has patented a receiver which cannot be influenced except by transmitter built for same. Reqs test. W To --- Reqs further information. 12/29.	
57046	12/27	To W.D. Terrell (T) <u>VOID</u>	Directs ship to Annapolis duplicate Edison battery outfit	
55781		From Other Side.	proper method for connecting secondaries of transformers of Telefunken w. t. sets. 12/28. To Pug. Id. Fwds prints showing method for connecting secondaries of transformers. 12/29.	
			1912	
57280	12/29	To C.C.	RELAINE: reqn 90. reqt further information rel item 24. for crystals for perikon de- tector. Directs submit requisition for crystals	182--6

RECEIVING AND SENDING SETS.

Number.	Date.	From or To—	Subject.
54324	11/5 11/23	CHESTER At Fleet	Wireless receivers; states none packed or awaiting shipment. W
54186	11/19	Clark, G.H.	Invites attention to special synchronous rotating spark gap, recommends Chasn. Make 5 for use at Southern Stations. W Yd. Chasn-Directwork: reqn for motors will be add. 12/6. R.B. 4-4 to Chasn. hold up matter till Mr. Clark returns. 4/6.
54438	11/21	Phila. 2034	Reqst. Vandykes of impedance coils. W To-Fwds. prints. vandyke later. 12/1.
54409	11/24	To JAA	Exp. spark gap: recd shipment from NY Yd to Chasn.
54522	11/24	C.O.	ROE: reports receipt of a PICKARD receiving set and requests instructions re disposition of REES-EDEN set
54674	11/28	To Washn	Relay key: directs manf of one similar to that installed in Yd. W
54760	11/28	To Chasn	Shipment of exp. quenched spark gap from NY Yd. for use of G.H. Clark authorized; Clark will report and adjust Yd station in about two weeks. W
54759	11/28	To Washn	Telefunken 1-kw quenched spark gap set ordered shipped from NY Yd. for test at Bu. of Standards; recd be fwd to. W

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RECEIVING AND SENDING SETS. 898

Number.	Date.	From or To—	Subject.
✓ 54859	11/29	Clapp-Eastham Co.	Notes report on quenched spark gap receiving set, and replies to criticisms. W To--Will make further test of 1-k.w. transmitting app. with later type appliances. 12/4.
✓ 54892	11/29	To NY	Directs test of two 5-k.w. induction coils and a 10-K.W. quenched spark gap from Wireless Spec.App.Co. W in connection with supplying set for Key West. W To Wireless Spec.App.Co.-If desire test of quenched gap and transformer, deliver to NY Yd. 12/1.
54937	11/29	Washn	Reports delivery of pyron detectors on reqn. 188 on the 28th inst. W
55017	12/2	To NY	Reqn. 251. NSA Ports.; directs one spark gap, Telefunken dielectric type, be furnished. W NY 12/18. Not instore; if purchase desired, request print and spec'ns. W To--Gives inf. 12/27.
54964	12/2	To NY	NSA Bu. Reqn. 186; directs expedite inspection and test of quenched spark gap and transformers. W
✓ 55333	12/5	Clapp-Eastham Co.	Quotes price on quench spark gap transmitter recently tested at New York. W To--Noted. 12/11.
55348	12/5	NY 736-855-41	Requests sets to be delivered by Wireless Specialty, for test be not delivered until 1st prox. W
53064		From Card #13. See card 15	To Key West-States shipment directed Card 15 to receivers from MICH. & LOUISIANA. 12/7. To Phila. MO. 12/8. To At. Flt-GA.. MONT., R.I., MICH., OHIO, IDAHO, MO., N. CAR. LA., DEL., MISS., MAINE. 12/8. BLRB 12-272 RHODE ISLAND 12/12. Gives number. OHIO 12/12. IDAHO 12/14. MONTANA 12/14. BLRB From Atl. Flt. 12/16. GEORGIA 12/14. MISSISSIPPI 12/15. NO. CAROLINA 12/17. BLRB Atl. Flt. 12/20

RECEIVING & SENDING SETS:

Number.	Date.	From or To—	Subject.
✓ 50392	10/6	Telefunken W.T.Co	Asks if telephones and cord set sent to Washn Yd. for test, under contract 101 are satisfactory. W. ... NB 10/12 To—States satisfactory. Asks if can furnish horizontal type receiver. 10/31
41703		JEE CARD 9	to NY Asks if wireless S. equality A.L. Do receiver has been shipped to Torp. 11/15/13 8:30 AM 11/15/13. RB 11-18
✓ 50866	10/11	Telefunken W.T.Co	Quotes price on sending and receiving sets complete: 1, 1-1/2 and 2 kw. W. Fwd NY. Directs insp. Asks if any can be used for ship use. 10/14. R. 10-16 Urges acceptance. 10/13.
✓ 50897	10/7	Standard Wireless Equip	Reqt. authority to submit their receiver to one of the Pacific Stations for comparative test. W. Is. Directs arrest with writer to ship set to yard for test at Yd. 10/14. RB 12-6
✓ 51177	10/12 10/14	NY S&A	5 sets for W. Is. just passed inspection: will ship by express Oct. 13. N Ret S&A. Noted. 10/24.
✓ 51845	10/13 10/22	Norfolk At. Flt	Reqt. information re disposition of set turned in by KANSAS, W. Fwd S&A. Reqt shipment of received to Washn Yd. 11/4. RB 11-24
51982	10/26	To NY	WEARSARGE: Wireless transmitter; requests that prints be forwarded to Phila Yd. 257-6
52082	10/26	NY 855-705-466	Reports inspection of 1 and 2 kw sets, Telefunken and recommends purchase. W. To Dept. Reqt. auth. to submit reqn. for Telefunken sets for TBD3. 10/28. RB 11-18 Fwd At. Torp. Flt. 11/3. RB 11-7

RECEIVING & SENDING SETS: 898

Number.	Date.	From or To	Subject.	
✓ 52357	10/30	Clapp & Eastham Co	Fwds photos of 2 kw quenched spark gap transmitting; also asks if report on those submitted to NY for test, has been received. W	
51894	10/31	To S&A	Fwd NY report required. 11/4. BB 11-21 To--Will advise as soon as test results are received. 11/25. To--rel. report. 12/1. Shoemaker relay key; reost shipment from NY yard to Jupiter.	816
52455	11/1	To NY	TEST: CONERERS, asks if there is a set in stock	903
✓ 52794	11/2	Wireless Spec. Co	Pickard receivers; fwds bill. W.	
✓ 52832	11/6	Telefunken Co	Notes approval of horizontal type receiver and pyrites detectors; will submit improved design of latter. W. To--Ack. 11/8.	
✓ 53064	11/5	At. Flt 1593	Receivers; fwds report on distribution of. W To Norf--shipt recd from N.HAMP. to CAESAR. 12/7. To NY--Directs repairs to. See Card #14. turned in by MICH & DELAVARE. 12/7. To S&A--Recd shipt orders for above. 12/7.	
✓ 53221	11/17	To Norf. T	Directs deliver wireless receive to RCE with invoices. W	
53959	11/17	NY 936-855-35	Reports test of Clapp Eastham 1 kw transmitters. To Clapp-Eastham Co--Quotes from report and makes suggestions for bringing set up to requirements. 11/27.	
53275	11/18	To Washn.	Pyron detectors; fwds copy recn LEE. Bu. Directs advise Bu. when received. W	

RECEIVING & SENDING SETS.

Number.	Date.	From or To—	Subject.	
48847	9/14	NEW HAMPSHIRE	Reports turning into store wireless receiver received from OHIO for special work.W To - instructions re invoicing 9/19 Reports. 9/29	
48907	9/8	Telefunken	Detectors; reqt. order.W. To - AS's 15 will furnish quenched spark gaps and transformers for 2 & 3. S&A direct purchased 9/26	
48792	9/14	NY	Spark gap developed by F. J. Wiman; present for test by Natl. Elec. Sig. Co. Refers on test. To - Horf. Instructions re invoicing 9/20	9C1
48751	9/15	To E.C.	MISSISSIPPI: approves turning in of defective Stone receiving set, directs invoice price be corrected.	9C1--6
48982	9/14	Horf	Asks that disposition to be made of wireless receiver turned in by NEW HAMPSHIRE. W	
49032	9/20	TO N. Ia. S&A, SAN FRANCISCO TENNESSEE:	Directs shipment of Wireless Spec. receiving sets from NY to CINCINNATI: SAN FRANCISCO; TENNESSEE; SITKA. W	
49080	9/20	Telefunken Co	Cont. 101 Reports shipment of condensers & detectors to Wash. by express and fwds prints describing same	629
49248	None	No letter	Fwds instructions for operating relay key, with prints.W.	

RECEIVING & SENDING SETS: 898

Number.	Date.	From or To—	Subject.
✓ 49407	9/20	Standard Wireless Equip. Co.	Reqt. test of receiver. W To --- notes not prepared to test at present. 9/30. Ewd. M. is --- test inspection, if considered desirable. 9/30. E B 12-5
✓ 49430	9/25	TO Chas. Norf; Key West Pensacola, & S&A	Relative to shipment of inductances for use of G. T. Clark during inspection visit.
✓ 49511	9/22 9/25	Boston Assoc. Factory Mutual Fire Insur. Co. Dept VO 1 D.	Reqt. information re use of Pack valves. D. 678
✓ 49456	9/13	TO S&A	Reqt. shipment of receivers to Guam and TENNESSEE. W.
✓ 49696	8/21	NEW ORLEANS: ---	Submits additional commendatory report on spark gap designed by Chief Elecn. E. Sirbeck. W
✓ 49685	9/28	TO NY	Listening in key; reqt. prints. W.
✓ 49892	9/13 3/29	Navy. Attache, Paris S&A 10692	Bellini-Tosi direction finder apparatus; reqn. 75; asks if free entry is possible. W
✓ 50309	10/2	NY 926-188	fwds prints of listening in key for. W
✓ 50205	10/4	TO S&A & Washn	Ship, I-P-76 to Washn for use in Laboratory. W
✓ 50353	10/5	Wireless App. Co	fwds copy of letter from their engineer to NY stating that type I-P-76 receiver rejected on contract 500 is all right and reqt test by D. Austin. W To --- notes comments from NY Yd. 10/16.

RECEIVING & SENDING SETS:

Number.	Date.	From or To—	Subject.	
✓ 46010	8/11	TO Wireless Spec.Co	Type 1-P-76: directs as many be delivered as possible on contract 500 during next 2 weeks. W	
✓ 46701	8/14	Telefunken Co	rxwds detector furnished with resonance relay. W Co-- acknowledged receipt. 8/31.	
✓ 46848	8/21	Nav. Intel 11268	Belini-Tosi direction finder not adopted by Italian Govn. W	
✓ 47038	8/23	VERMONT	Reports receipt of Wireless Specialty Co receiver; will retain in old type until after target practice. W	
46995	8/23	To S&A	LOUISIANA: recd shipment of Telefunken receiver from Wash. Id to vessel	268--6
47038	8/17	Ports	EAGLE: reports type receiver now on board. submits estimate for repairs. recommends new one.	195--6
✓ 47170	8/24	TOLOUISIANA	Type 1-P-76 receiver: reports are shipping Telefunken type. W	
✓ 47258	8/26	At. Flt	Additional receivers for target practice not received by certain ships. W To -- least ship at two receivers. 8/26	
✓ 47299	8/26	Warren Steam Pump Co VOID	Suggests arrangements for furnishing prints VOID	Monday 8/26 698
✓ 47469	8/28	Wireless Spec.Co	Personal letter re new form binding post on detectors and delay in furnishing 1-P-76 receivers; states have sent relay key to GEORGIA at own risk. W To -- least one be shipped direct to ship. 8/30. To GEORGIA. Desires test be made. 8/30. TO -- key test at washn/ would be pleased. 9/19	

RECEIVING & SENDING SETS 898

Number.	Date.	From or To—	Subject.	
47530	8/29	NY	ATLANTIC FLEET; receivers for target practice reports distribution	493
47615	8/31	Wireless Spec. Ap. Co	Reports fwding relay key to GEORGIA; gives information concerning W 2nd NY Regt rec. regarding test 9/1. Test will be made at NY 9/1. RRG-B	
48090	9/2	TO SO. DAICTA.	Recon. CO. Transposing switch cannot be installed without further information as to purpose to be used. W	
48362	9/11	NY	Asks if any I-P-76 receiving sets enroute; only three Telefunken rec'd. W TO M. Is. Distribute at discretion 9/13 2nd NY Regt. made for S. for M. Is. 9/13 RRG-21 TO M. Is. (T) None enroute 9/13 Whosefor M. Is. held in accordance with Bureau letter May 5th; none used; one for BUFFALO not shipped. W.	
48554	9/13	Tennessee	RRG: directs transfer of Wireless Spec. Co. receiver.	195-6
48700	9/15	TO At. Flt	Wireless receivers; re distribution among fleet. W to - Instructions for distribution 9/15	
48723	9/12	NY	Went. 12899: Telefunken Co. Reports on disposition of detectors & receivers rec'd under 629	
48807	9/15	SOUTH CAROLINA	Report on test of Marconi magnetic detectors. W	

RECEIVING & SENDING SETS.

Number.	Date.	From or To--	Subject.	
✓ 43000	7/7	Wireless Spec. Co	Quotes on detectors made of iron pyrites. W	
43168	7/10	TO NY	Transmitter inductances for: reqt. vandyke. W	
43279	7/10	L.de Forrest	ATTN: quotes price on 2 kw quenched spark set for delivery M.I.s.	876
✓ 43426	7/16	New Orleans	Kwds photograph and description of Mercury Vapor noiseless spark gap, originated by E. Sirbeck, Chief Elecn. W to Army Asiatic Flt. Not of sufficient value to warrant patenting. 7/14.	
✓ 43591	7/13	Telefunken W.T.Co	States application on iron pyrites protectors has been allowed: form has not yet taken place...	
✓ 44000	7/16	LAMSON	Reports receipt of Wireless Spec. receiver in regn. 47: VIRGINIA not yet transferred receiver: reqt. order be cancelled. to-- receiver not be retained: directs transfer of arconi receiver to VIRGINIA. 7/29.	
✓ 44009	7/17	SOUTH CAROLINA:	Reports no Wireless Spec., old type on board.W.	
44029	7/18	NY 926-145	Kwds vandykes of transmitter inductance.W	
✓ 46010	8/11	To Wireless Spe.App.Co.	Cont. ITC: Type 1-1-76 wireless receiving sets. Requests as many as practicable be delivered within next two weeks. *	

Rec. & Send. 898

Number.	Date.	From or To—	Subject.	
43970	7/19	To NY	Cont. 15232: quenched Wireless apps. directs inspection	629
44165	7/24	To Firms	ALPARATCS: reqt quotations on quenched spare gap sets	876
✓ 44469	7/25	Nav. Intel	Ballini: Toal direction finder: fwds copy of report from Naval Attache, Paris. W To NY: Fwds copy Bu ragn. 75 for set to be delivered at yd. 8/2.	
44973	7/31	TO NY	Reqt. report as to assignment of type I-P-76 sets. W	
⁵ 44248	8/2	MY 1194	All I-P-76 receiveing sets contract 378 have been received and issued: states on contract 500, 24 assigned by bureau. W	
45309	8/3	To C.O.	NEBELASKA: perikon crystals for receivers: prefers to furnish one or two at a time owing to deterioration	308--6
45019	7/27	Stringham & Bailey	TESTS: reports on DUPLEX Key	903
45141	7/11	Telefunken Co	Cont. 12899: re: t return of detectors replaced by new ones	629
45906	8/10	At. Flt	At. Flt: reqt all ships not supplied, be furnished with extra receiving set for autumn target practice	493

RECEIVING AND SENDING SETS

Number.	Date.	From or To—	Subject.	
41862	6/21	VIRGINIA	States Wireless Spec. Apparatus Co.'s receiver was received; old type packed as directed. W. To -- Directs old type be del. to the LANDING. 6/30.	
U 41702	6/21 7/7	To At. Hlt. Jac Flt. COs M. 1st M. 1st	Instructions for transfer and for shipment of wireless receivers--certain vessels. MARYLAND: none on board. Report of MINNESOTA. 7/15. MAINE - reports receipt of wireless receiver. 8/2. NORTH CAROLINA reports receipt: old one ready for transfer. W. 9/1 WEST VIRGINIA report rect. 8/30 COLORADO reports receipt. 8/31 SOUTH CAROLINA: Reports. 9/22 NEW HAMPSHIRE 9/25 NY YD. 11/16. APPARATUS: quenched spark apparatus: cont. 14811, reqt. auth. to make certain changes	CALL 13 876
41884	6/22	Garwood Elec. Co		
41857	6/21	Chas.	JUPITER INLET: telefunken receiver: rect plans for wiring, installing and instructions for operating	816
✓ 42040	5/22	PRESTON	Reports Marconi receiving set transferred to the GEORGIA. W	
✓ 42108	5/23	PERKINS	Reports rel to transfer of wireless receiver from PERKINS to MISSOURI. W	
✓ 42120	6/24	NY	States Wireless Specialty received will be delivered to OHIO; magnetic detector not installed. W	

RECEIVING & SENDING SETS

698

Number.	Date.	From or To	Subject.
✓ 42078	6/24	To NY	Directs that sufficient number of coils be furnished to give wave length of 1000 meters on colliders or TBDS, and remaining coils be retained at yard (Refers to Contract 12874). W
✓ 42310	6/27	TO Washn	Directs Sub-Inspector Clark submit rough diagram of receiver arrangement for shore stations. W
✓ 42457	6/26	PAULDING	Gives type of wireless tel. receivers equipped with. W Directs Marconi set be del. to the GEMASIA after old type set has been recd from VIRGINIA. 6/30.
No #	6/30	TO MISSISSIPPI	Reqn. 347 for 12 minerals perikon and 6 minerals pyron. Item changed to "One set."
No #	6/30	TO OCTOPUS	Reqn. 4 for portable W.T. set. Comparative tests now in progress to determine satisfactory type for submarines. 6/30.
✓ 42860	7/5	Telefunken W.T. Co	Quotes price for Iron Pyrites detectors. W To -- Reasts number of patent. 7/11.
✓ 42617	7/1	TO KANSAS & SOUTH CAROLINA	Directs transfer of TELEFUNKEN co. receiver from South Carolina to Kansas. W KANSAS reports receipt. W 9/30
✓ 42620	7/1	TO Wireless Spec. Co. & Telefunken Co.	Reqt. quotations on 25 and 100 wireless detectors. (iron pyrites) W

RECEIVING AND SENDING SETS:

Number.	Date.	From or To—	Subject.
39789	5/27	TO Brook (NY Yd)	Asks if wireless receivers, imp. type in stock. W
✓ 39856	5/27	Marconi W.T.Co	Quenched spark sets; quot a letter pointing out disadvantages from use. W To -- Comments. 6/5.
Reqn 127	5/26	Ref to NY	re supplying Wireless Specialty Receivers to Smith, etc. B. B. Set for Smith has not been shipped. Of the three older type I-P-76 on Reqn 309 - one was delivered to Terry, one to Key West. Remaining set under insp. Recd by MONTGOMERY. Receivers for Drayton & Perkins have been issued.
✓ 40135	6/2	To Reserve Torp. Div. Chas.	Forwards "Instructions for I-I-76 Set" "I and 33 vessels.
	6/14	To Stations.	To Stas.. Chas. & M. is-Fwds copies. 12/22.
✓ 40328	6/2	Clapp & Eastham Co	To Ships & Fleets-Fwds copies. 12/27.
			Will ship quenched spark receivers to NY June 6th for test. N. To -- NY to test. 6/6.
40002	6/7	TO Dept	Ballini-Tosi wireless direction finder; Test. Naval Attache re inquiries concerning its adoption abroad. W
✓ 40619	6/7	Marconi W.T.Co	Quenched spark sets; comments on results obtained from, etc. W To -- Acknowledgment. 6/13.

REC. & Send. sets 898

Number.	Date.	From or To-	Subject.	
✓ 40879	6/10	To VA-CA:NEB:ihila, Loy West. JAA. To JAA To Barr. Bay, NY	W.T. Receivers: Shipment of, cont. 378. do. Reast shipment to SMITH. do. Reast shipment from NY. To NY. Directs issue of spec. receiver to NY Sta. and old type be shipped to JAA. 6/12. To JAA. Reast shipment to JAA. 6/12. To DIRECTOR, GEORGIA, VIRGINIA. In- structions for transfer of receivers. 6/20. To VIRGINIA. Earlier type receiver may be retained on board during battle practice. 7/29.	
40984	To C.O.	6/12	SMITH: orders shipment of one type 1-P-76 from NY Id.	402--6
40985	6/12	To C.O.	SUPPLY: have ordered shipment of type 1-P-76 from NY	422--6
41103	6/7	Eug. Sd	TATCOSE: estimate for mfg air cooled spark gap and antenna reaction coil	838
40135	6/15	To Stations.	Forwards "Instructions for 1-K-76 Set."	
41273	6/8	NY	PREPARATIONS: fws print showing transmitter inductance, type B with rack for, etc	876
41596	6/13	NY	925-955-7 W.T. call shifting appliance for receivers; fws print and estimate for man. W RPT -- mfr and test auth. 6/20. RPT -- 20	
41469	6/16	NY	KEY WEST: recommends auth. of quenched spark gap set for, similar to that auth. for Fire Island	817

RECEIVING & SENDING SETS:

Number.	Date.	From or To—	Subject.	
✓ 37730	5/2	Nat. Elec. Sig. Co	Break keys for: reon. 290: rect. to be informed voltage to be used. W To -- 110. voltage required. 5/4.	
No #	5/5	To S&A	Amplifones cont. 317: cancellation not desired: found satisfactory, and will be shipped to 3077A C. L	
✓ 38033	5/5	To NY and LOUISIANA KANSAS: NEW HAMPSHIRE	Inspection and adjustment of Wireless apparatus by Subinsp Clark on LA, Kan, and New Hampshire: directs work be facilitated in any way possible. BB-5 reporting vessels not at NY.	
38033	5/	TO NY, KANSAS: LOUISIANA NEW HAMPSHIRE:	Subinspector G.H. Clark will adjust measurement of various wave lengths. W	
38180	5/6	NY 855-705-220	Receiving: submits plans for using with turbo generating W.T. set. W Act direct a assembling and shipment for 3123 P.C. OF WILCOX, YOSKITE and K. Acad. 6/7. BB-5-12	
✓ 38168	5/1	To Weather Bureau Towson, Md.	Req. 1. piece of carborundum for detector. W To -- Bu has none. 5/11.	
38029	5/5	To S&A, Buffalo & Wash.	UNALASKA: relative to shipment of amplifones 845	
38313	5/9	S&A	UNALASKA: M.Is. reporting receipt of detector shipment to: via BUFFALO	845
✓ 38353	4/25	Clark, Geo.H.	Reports on test of Wireless Specialty Co detector. pyrite crystal with flexible contact. W	
38336	5/10	To Buffalo	Unalaska: states receivers and amplifones are to be distributed at C.O. discretion	845

898 REC. & Sending

Number.	Date.	From or To--	Subject.
V No #	5/11	To S&A	Wireless Specialty App. Co. submits bill. 380. for two amplifiers, cont. 4/7/34 recon. 167. Bu. rec payment.
✓ 38315	5/10	TO S&A	Request for shipment orders for 1. T. apparatus from New York yard to various points. Stations. Advises of shipment request. Instructions will be fwd as of date 5/18.
✓ 39128	5/17	Ericsson Mfg. Co.	Reqt. to be allowed to bid on, W To Specns 16-1-5 fwd. 5/24.
✓ 39260	5/20	Nat. Elec. Sig. Co.	Quotes price on quenched gap sending. W Fwd NY. for comment and rec. 5/21. RB 5-31
✓ 39458	5/22	Clapp-Eastham Co.	States will ship one K.W. type C quenched spark set to New York Yd. for test; quotes price. W d NY. Directs test, if set is submit- ted, and report made. 5/23. RB 5-31 Fwd NY. further instrns re test. 6/5. RB 5-9
39525	5/24	To Boston & S&A	MISSOURI: recd shipment of WIRELESS SPECIALTY Co receiver, new improved type, from NY. to Boston 292-6
No #	5/26	To NY	SMITH: Recon. 127: Asks if reqn has been filled. Asks if receivers were issued to DRAYTON & PERKINS. W
39803	5/27	NY T	6 receivers, imp. type available for shipment. W.

RECEIVING AND SENDING SETS.

FILE No.	From or To— (Dated)	Subject.
✓ 36900 4/22	United W.T. Co	Break device for; reqt. Mr. Martin witness demonstration. W. Fed NY for comment. 5/3 R.B. Mr. Martin to witness. 5/9 to Mr. Martin will be directed to witness. 5/10.
✓ 36928 4/18	Wireless Spec. App.	Ampliphones; states unsatisfactory delivery has been replaced by set sent to Bureau Standards. W
✓ No # 4/21	To NY	SMITH; ship's rean. 127. Directs that older type receivers be furnished smaller vessels and improved type to battleships, etc. W
✓ 37217 4/25	Clapp Eastham Co	Invites attention to new type quenched spark gap transmitting set. W To -- suggests test at Washn Yd. 4/26. To --. Would like test made at NY. 5/19.
✓ 37258 4/25	At. Flt 20839	fwds report on duplex break for use with. invented by Elecn. Hudson and Linville of the PANTHER; States operation is practically perfect. W To --. Comments. 6/28.
37252 4/26	NY	KEY WEST & COLON; recommends no action be taken towards duplicating quenched spark gaps in connection with bid of Nat. Elec. Sig. Co. 817
✓ 37411 4/29	TO NY	fwds copy of rean. 309 covering 3 W.T. receivers delivered by Wireless Spec. App. Co. W
✓ 37648 5/2	TO S&A & NY	Directs ampliphones be turned in at NY and returned to Wireless Spec. App. CO. Unsatisfactory.



RECEIVING AND SENDING SETS:

FILE No.	From or To— (Dated)	Subject.	
✓ 35602 4/6	Austin, L.W	Reports on test of old and new types 1 P-76 receivers furnished by Wireless Specialty Co. W	
✓ 35614 p 4/7	TO S&A	Receiving sets on NY reqn. 1059; contract with Wireless Elec. Apparatus Co. Reqt. to be amended to cover additional cost of \$25. per instrument. W EB 4-17 Fwd S&A. Rec. date of delivery of new type be made May 31st. 4/27. EB 5-11 Fwd NY 1.0. 5/11.	
✓ 35850 4/6 1/9	Wireless Spec.App.Co NY	Receiving set on contract 378; states will be ready to ship within week. W	
36178 4/14	TO NY	Reqt. test of wireless call shifter by clock work, so operators can be connected with three receivers at the same time. W	
✓ 36427 4/14	SOUTH CAROLINA	Reports non-receipt of Marconi magnetic detector; unable to make test during Battle practice. W	
✓ 36521 4/18	Wireless Spec.App.Co	Recommends perikon renewals for receiving sets be not purchased in large quantity, as they deteriorate. W To -- Acknowledgment. 4/21.	
✓ 36561 4/19	TO NY	Directs plan be submitted for effective use of wireless telegraph receivers furnished by National Elec. Sig. Co. for use with Turbo Gen. Y	
36391 4/18	To NY	FIRE ISLAND: directs reqn be submitted for dynamo spark gaps.	812
36555 4/19	To NY; Norf. & S&A	APPARATUS: directs shipment of transmitting sets on cont. 12874 to Norf. for installation on MARSY HECTOR; VULCAN; INCALS.	876



RECEIVING & SHIPPING SETS.

FILE No.	From or To- (Dated)	Subject.
✓ 34018 3/17	United W.T. Co	Reqt. representative witness demonstration of brake device (transmitter) W Fwd NY. Bu. directs insp. and report on. 3/18. R.E. 3/24
✓ 34352 3/22	TO At. Flt.	Directs test of Marconi magnetic detector on SOUTH CAROLINA. W To Norf. Fwd copy NSA ream 246 for 4; directs be turned over to At. Fleet. 3/25.
✓ 34596 3/23	Wireless Spec. App. Co.	Quotes price on listening-in keys. W
✓ 34748 3/27	TO NY Yd	Fwds copy of requisition No. 274, covering listening-in keys, etc., to be delivered at that Yd. W
✓ 34869 3/27	NY 855-31	Break; rel to the inspection of United Wireless Telegraph Co's.
✓ 35078 3/28	New Orleans W.T. Sta.	Tuner and receiver; reqt specns. covering in connection with preparing specns. for new. W To J&A. NY. Fwd New Or. Request shipment 4/1. R.E. 4/8
35459 4/5	NY GSK 10522	Reports disposition of type 1-P 76 W.T. receivers; have none to ship to New Orleans. W R.E. 4/13
35385 4/3	Bost	To NY Wireless Spec. App. Co. to fur. 1-P 76. 4/8. Fwd N. Or. 4/8 NEW JERSEY: no receiving set in store; reqt one be supplied. 313--6

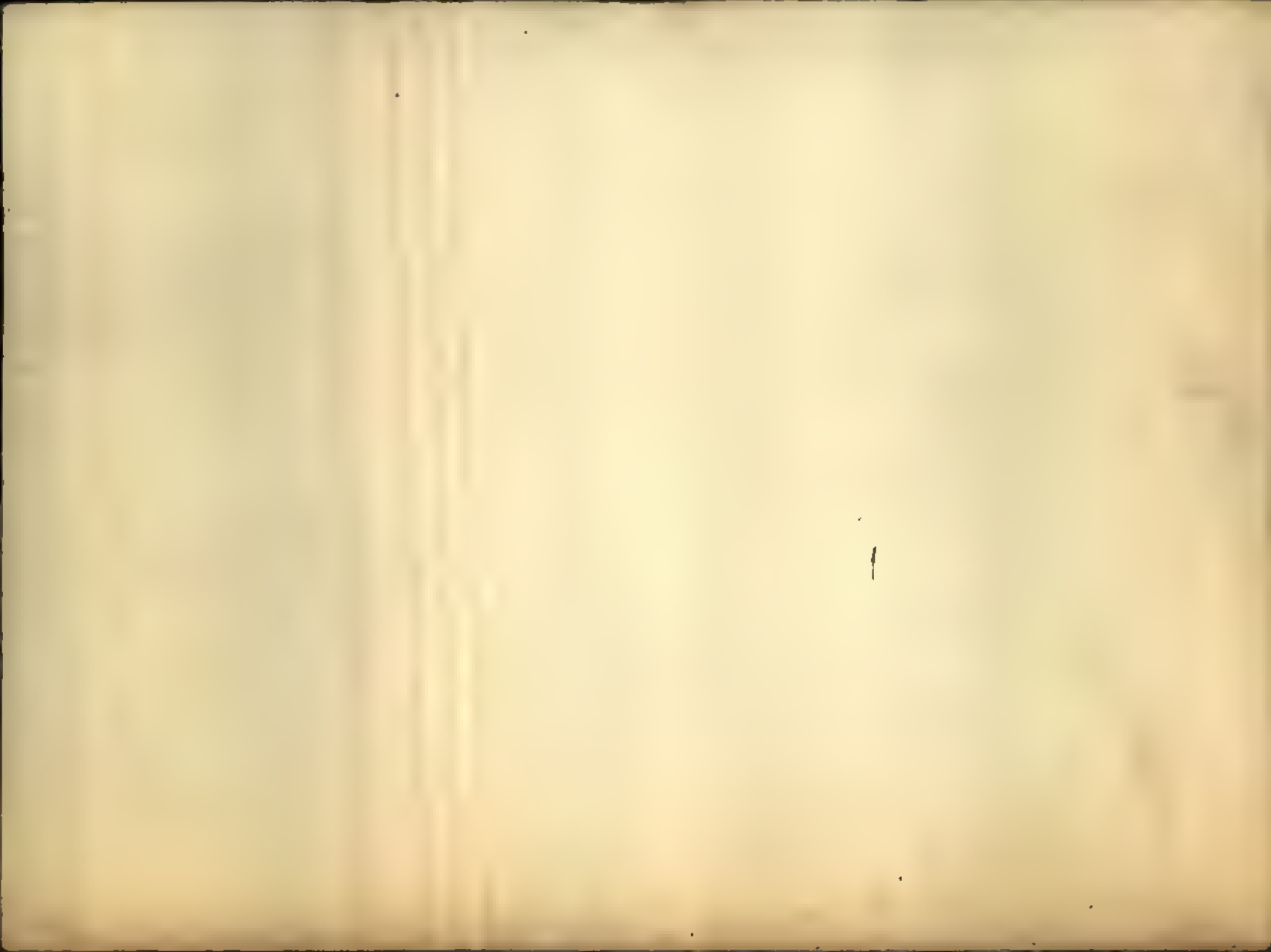


RECEIVING & SENDING SETS.

FILE No.	From or To— (Dated)	Subject.	
✓ 31594 2/14	TO Wireless Spec. App.Co	Amplifones; states none satisfactory; directs no more be shipped until they have been fairly tested. W	
✓ 32087 2/20	Wireless Spec.App.Co	Quotes price on battery boxes with 10 cells for receiving and sending sets. W	
32253 2/23	TO W. Is. - S&A - NY Yd.	Shipment of wireless receivers from NY to W. Is. for wireless stations. North Head. Table Bluff, Unalaska, Kodiak, St. Paul. W To W. Is. NY Yd. shipment reest. to S&A reest. ship. 5 Wireless Spec. receivers. 9/13 to W. Is.	
✓ 32630 2/28	Marconi W.T.Co	Magnetic detector; quotes price on W To - reest. quotation 3/4	
32653 2/27	NY Yd 92-115	Quenched spark gap type K-3; no drawings; 828. W	
✓ 32659 3/1	TO NY Yd. & S&A *	Directs shipment of 2 wireless receiving sets; to Bu. Standards under contract 13899. W B.L. to S&A R.B. 3/8. Fwd S&A. Fir. 1 del. of receivers to be made at Wash. Yd. 3/8.	
32703 2/28	C.O.	N. CAROLINA: reqt ampliphone	320--6
✓ 33112 3/6	Marconi W.T.Co	Magnetic detector; Can deliver ⁴ in 7 days. \$99. each. W.	
32640 3/4	Garwood Elec. Co	Sched. 706; invites attention to fact that they are pioneer mfrs of quench spark sys.	706



FILE No.	From or To— (Date)	Subject.	
30342 1/30	C.O.	DELAWARE: rect perikon detector be mailed to day: ship sails tomorrow	182--6
30451 1/31	C.C.	DELAWARE: reports receiving perikon detector and wireless receiving set:	182--6
30515 1/28	NY	DELAWARE: reports perikon detector shipped	182--6
30683 2/1	NY	CASIME: reports no mercury turbine interrupter in store for wireless	180--6
30797 2/3	To Telefunken	APPARATUS: Cont. 12899: states detectors furnished with receiving sets are defective and will have to be replaced: also handles on rheostats be replaced on all sets delivered	876
✓ 30909 2/4	Telefunken Co	Resonance relay: quotes letter from home office relative to microphones being intentionally supplied with an excess of carbon and reasons therefor. W	
30963 2/6	To Washn	DELAWARE: Perikon detector: directs be invoiced to ship. Reqn. 214 submitted to replace.	182--6
✓ 31011 2/7	TO NY Yd	Quenched spark gaps: reqt. dup. prints of type A-20. W	
✓ 31326 2/10	Wireless Specialty	New listening-in key with special telephone cords for wireless, sent to Laboratory for test: quotes price. W To -- Recst price 2/18.	
31437 2/11	Telefunken	Cont. 12899: have made arret to replace detectors and fuses: and correct handles on rheostats	876
✓ No # 1/9	To C.O. MONTANA	Reqn. 5 for carborundum for wireless specialty detectors: Detector renewals should be named as such on reqn. and purchase from Wireless Specialty Apparatus requested.	



RECEIVING & SENDING SETS.

FILE No.	From or To— (Dated)	Subject.	
28392 11/25	C.O.	NEW ORLEANS . spark gap: reqt permission to change in accordance with sketch submitted	314--6
✓ 28456 12/29	NY 6751	Interrupter: Required on Cavite Shipment Request 494, are obsolete; requests instrns. re supplying Ret. C&R. No future purchases. 1/9.	
28808 1/10	Lowenstein, F	TRANSFORMERS: quote prices on: gaps for quenched spark operations	904
29069 1/13	To C.O.	IOWA: receiving set: survey on board:	244--6
28733 1-13	To NY	Telephone Receivers, Sched 3218, to be tested at yard.	706
29085 1/13	Nat. E.Sig.Co.	SMITH & ROE: quenched spark gap: price on	402--6
29283 1/14	C.O.	S. CAROLINA: reqts detector for	407--6
29285 1/14	C.O.	MASS: new receiving set for	281--6
29417 1/17	NY	TRANSFORMERS: quenched spark gaps &: reqn 180, asks for what vessels	904
✓ 29629 1/16 1/20	Wireless Specialty S&A	NPO Contract 317 for amplifones; states did not agree to supply any improvements made within a year free of charge. Ret S&A. No record in files; withdraws recommendation 1/23.	
✓ 29648 1/21	TO Wireless Spec. App. Co.	Amplifones; regn. 167; directs three be delivered to Bd. Standards for test.	
29704 1/21	Norfolk.	CASINE: no mercury interrupter for on hand	150--6
✓ 29768 1/21	NY 285-2-285	Reports test of Ducretet induction coil.	
✓ 29863 1/24	Wireless Specialty	Reports shipment to Washn. of portable rec. set repaired. To -- Ack. receipt 1/30.	



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REGULATIONS

1922

Number.	Date.	From or To—	Subject.
648078	11/1	Bureau Standards Labr.	Report on standardization of transmitted wave lengths W. to note—Reqs corrective adjustments be made 11/7
651875	11/1	Bu Standards Labr.	Report of transmitter wave lengths W
652166	11/21	Rug 3nd	Reqs instructions be modified so that quarterly inspection of station can be made at discretion of coast W to rug 3nd— comments 12/21
652176	12/1	Dept	Copy of letter to 14th District giving change in regulations covering status of district radio mtl offices W

REGULATIONS

1911

Number.	Date.	From or To—	Subject.
643958	12/9	Dept	Rel to change in wave range TD set installd 736-53 at Boston W
✓ 653777	12/14	Dept	Fwds changes & additions to general radio calls W
✓ 654149	7/11	Communications	Fwds statistical report in conn with radio reports. W.
654281	12/19	Dept	Copy of letter to 9th Dist. directing radio stations listed be closed and placed on inoperative basis. W. 9th Dist 12/21 T. Stations placed out of commission W To 9 Dist- reqsts inform 1/5/23

REGULATIONS

1922

Number.	Date.	From or To—	Subject.
✓ 645531	10/11	PCCS	Recommends assignment of 10,500 meters normal working wave, San Francisco super primary. W.
✓ 646089	10/19	Dept	Changes wave length for San Francisco. W.
✓ 646133	10/9	Operations	Cavey-proposed change in transmitting wave. W.
646130	10/19	Dept	San Francisco assigns wave length. W.
✓ 647330	10/27	PCCS	Copy. Will submit info re rel to controller and other particulars Siberia Station W Pacif Coast Supt. Copy- 10/28 W.

REGULATIONS

1922

Number.	Date.	From or To—	Subject.
554804		FWD FROM CARD 30	Norf 10/25 Copy action 5 District W Fwds 5th Dist CC O-I-C Rese rch Lab- by stand rds 11/1 To Comits yards - Washn-Chess-Key West-N O- NY- Norf - 15th Dist- Bu Standards- Guantanamo 12/9- request wave length measure- ment schedules of bu let listed be advanced as listed for dec check - 12/9 San Juan 12/29 W To San Juan- Fwds on let of dec. 29/22 1/18/23
647100	10/26	Dept	Submits comments of 4th Dist rel to closing of var ous radio stations W
647249	10/27	COMMUNICATIONS	K E Cayey Normal transmitter wave will be transfered to 8785 meters W

913

REGULATIONS

1922

Number.	Date.	From or To—	Subject.
643354	9/28	Dept	Copy of letter to 6th Dist. fwding recommendations for new compliments of District communications activities. W
643355	9/28	Dept	Copy of letter to 7th Dist. fwding recommendations for new compliments of District Communications activities. W
643360	9/28	Dept	Copy of letter to 8th Dist. fwding recommendations for new compliments of District Communication activities. W
643625	9/27	Dept	Copy of letter to 1st Dist fwdg recommendations for compliments of Dist Communications activities W
64.775	9/30	H. J. Ziegemeier	Copy of memo to Chief of Naval Operations regarding closing of radio stations. 7 H. J. Ziegemeier - Gives further inform re- garding closing of radio stations. 30/5 W. Memo for Chief of Operations. 30/5 W. Stations listed closing of recommended 10/5

913

REGULATIONS

1922

Number.	Date.	From or To—	Subject.
✓ 644089	10/3	Dept	Copy of letter to 8 and 9th Dist. changing normal transmitting wave at New Orleans station to Great Lakes. W.
✓ 644283	10/4	Dept	Copy of letter to Guantanamo fwding recommendations covering compliments for radio activities, Guantanamo Dist. W.
✓ 644282	10/4	Dept	Copy of letter to 16th Dist. fwding recommendations covering compliments for radio activities 16th Dist. W.
✓ 644363	10/5	Dept	Copy of letter to 13th Dist. fwding recommendations covering compliments for radio communication activities for 13th Dist. W.
✓ 644440	10/5	Dept.	Copy of letter to 9th Dist. fwding recommendations covering compliments for radio communications activities for 13th Dist. W.

REGULATIONS

1922

Number.	Date.	From or To—	Subject.	
627840		from card 39	Fwds Navy— Recreation allowances for R note control and Receiving Stations W 9/11 a Cavite— (T) Cannot charge "Ray Misc" item against engineering appropriation. Request instructions. 9/19 W N.Y.— \$200 additional required. 9/22 W To Cavite— (T) Allotment authd 9/20 To NY— Auths allotment 9/29 Newport Torpedo Sta 10/19 "eqst copy of letter of June 24th W To Insp Ordn— in-charge— Newport— Fwds cc of multiple list of 6/24 W 10/27 To Washn— maintenance allotment cc Anacostia— 12/21 To Comdts— Districts— Stations— Supt. Annapolis— rel preparation of rons for radio snow stations for mats or services properly chargeable to annual maintenance, NY— or special project allotments cc S&A W B 12/19	
641594	7/10	Pacif Fleet	Radio telegraph— discussion of pro- cedure instructions W	742-1
642570	9/22	Dept	Subm copy of standard procedure adopted rel to Government radio broadcasting. W	902

1922

Number.	Date.	From or To	Subject.
642971	9/27	16th Dist. (T)	Request instructions covering allowance list for quarters for Asiatic Communication to Cavite (T) No Comdt may furnish at discretion with funds available 9/27
643142	9/25	Dept	Copy of letter to Districts re: failure of certain stations to answer calls W.
643302	9 27	Dept	Copy of letter to 4th Dist. submitting recommendations for new compliments of District Communication activities. W.
643353	9/28	Dept	Copy of letter to 5th Dist. fwding recommendations for new compliments of District Communications activities. W.

REGULATIONS

1922

Number.	Date.	From or To—	Subject.
✓ 632496	7/13	Dept	Copy of letter to State Dept. stating no comments are to be made on international apportionment of wave lengths. W
✓ 633370	7/18	Dept	Comments on status of closing of various radio stations W Fwds Operns via Naviga Dir Comms 8/12
633901	7/17	New Orln.	Subm report of expenditures against maintenance allotment, radio stations in 8th Dist. W.
✓ 636229	8/2 8/4	Atl. Battleship Force Atl. Fleet	Nomenclature of Navy waves and calibration of condensers on receivers and transmitters— recommendations W. Fwds Washn 8/9 RB 9/2 W Fwds Atlantic Fleet 9/11
636			

582-1

REGULATION

1922

Number.	Date.	From or To--	Subject.
639510	8/18	Pacif. Fleet circular	Lists general radio calls assigned. W.
		474	
640100	8/31	Communication	Request comments in conn with limiting use of Com report. W. To New Communications - Limiting use of Radio telegram 10/12 W
640175	8/31	Atl. Batlamp Force	Copy letter to Communications submitting recommendation rel to standard instructions to be issued covering communications to obviate delays. W.

REGULATIONS

1922

Number.	Date.	From or To—	Subject.
616578	From card 37		To Chasn- Wave length adjustment Gives instrns 6/23 W Chasn- Request Bureau Standard check wave length 7/21 W To Chasn- Wave length adjustment 7/21 To Chasn- gives instrns cc O-1-C Bu Standards- Washn Dir comms 8/19 Chasn- Request Bur Stand check wave length 8/25 W. To Comdt Charleston- Rqsts test 9/8 W cc Nav Communications Dir Comms 9/16 tests of meters cc Bu Standard-
627840	6/24	To Fleets-Yards-Stations Bases	Annual expenditure allotments for main tenance and operation of Shore Stations of the Naval Communication Service W Great Lakes- Request copy. 6/26 W Norfolk 6/30 T Norfolk transmittor out of commission W To Great Lakes- F is letter 6/30 W To Norf- F is copies of letter 7/17 W More Isl- Request increase allotment \$750. 8/2 W To MI- increase authd 8/16 NY- Recommendations with correspondence cov recreation allowances for Guantanamo. 9/6 W
631155	7/3	Earl Harbor	To Comdt Earl Harbor- Total such mainten- ance 1102,400. 7/8 W

REGULATIONS

1922

Number.	Date.	From or To—	Subject.
621978	7/10	Cavite (T)	No information recd regarding allotments for radio stations. W. To Co dt Cavite - Maintenance letter fwd 24 June. Say - \$ 95,000. Olmstead 1000 Vladivostok 8000 Shanghai 400 Peking 7000 W
550706	END FROM CARD 30		To Radio Corp of Amer - Asks for comment 7/12 W Radio Corp of America - 7/13. W. Radio Corp - Will not distribute further inform. 7/19 W

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REGULATIONS

1922

Number.	Date.	From or To—	Subject.	
622932	5/9	Communications	General policies rel to assignment of normal transmitting wave lengths to shore radio stations. W.	
✓ 627269	5/7	Chasn.	Request cov transfer of maintenance funds from Savannah station to North Island compass stations. W	
627416	6/9	Nav Intelligence	Quotes Canadian law rel to amateur receiving outfits and fee which must be paid. W	881
✓ 628391	6/14	D.N.C.	Operating plan for shore station fiscal year 1924 W	

Number.	Date.	From or To -	Subject.	
613903	3/10	POCS	Recommends transpacific super primary stations be operated with one single transmitted wave length at each station.	W.
614136	3/15	Bur-Memo.	Gives personnel of technical advisory committee for radio division. W.	
615133	3/6 3/22	MI Communications	Request single wave length operating for both local and high power Mare Island station and San Diego Sta. to set at 7900 and 9800 respectively. Rwds MI via Dir Comms - Pacific Coast Comm Supt cc C-1-C Pacific- Asiatic Fleets Coms 11-12-14-16 Disps- 3/30	RB 5/20 W
615175	3/22	Atl. Destroy	Copy of letter to Destroy sqdm. giving instrns rel to radio abstracts and tolls, destroys going out of commission. W.	

1922

Number.	Date.	From or To—	Subject.
16578	4/1	Our Stands. Fabr.	Subm report on standardization of transmitted wave lengths. W. Communications— Request reduce difference in wave lengths Washington Navy Yard & Bayville. 4/5 W. Communications 6/19 W
302184	FROM CARD 36		Aug. 30. Rvwds recommendations cov revision of maintenance allotment for various stations. 3/27 W. Aug 15. Recommendations cov annual maintenance allotments. Tutuila. 3/31. W. Various stations. 3/10 W. request from Boston. Rvwds yearly expenditure report in detail. 4/8 W. Various recommendations. 4/4 W. Various recommendations. 7/15 W. To 12 Dist. transfer of existing pigeon stat on 4/13 Philis- Recommendations cov revision. W. 4/12 Naval Academy- Subm recommendations. 4/13 W. MI- Recommendations cov revision. 5/3 W. N.Y. - Subm estimates cov yearly maintenance allotment various stations under cognizance of N.Y. 6/2 W. (16 letters) N.Y. - Ambrose channel radio piloting cable should include estimate cov. 6/2 W. N.Y. 6/3. Subm estimates. W. To NY- report on transfer of funds. 6/5 W. To NY- re allotment 6/17 To NY- allotment made 7/14 15 Dist Request increased maintenance W 10/9

Number.	Date.	From or To—	Subject.
610410	2/17	Communications	Calls attn to discrepancies in wave length assigned to Cayey. W.
610409	2/16	Communications	Request normal transmitter wave at Guantanamo be changed from 2750 meters to 1870 meters W.
610409	2:25	To Guantanamo	Change in normal transmitting wave-due to interference with Arlington. W.
569586	FROM CARD 32		Ord. 2/28 W. To Ord-rect Chasn furnish one Maxim rifle and automatic pistol for Savannah radio station-2:28 W. Communications- Copy action to PACS 4/29 W.

914:REGULATIONS: 1922

Number.	Date.	From or To—	Subject.
611103	2:28	To 5th Dis	Operation and upkeep of shore radio stations— suggestions, W.
612184	FROM	CARD 34	Fug 3d.— ASK what quarterly calibrations stations are to be charged. 2/23 W. To Pug 3rd.— Gives information work 3/11 12th Dist.— Recommended annual allotments for stations in 12th Dist. 3/7 W. Washn.— Fwd correspondence and recommendations as to allotment for maintenance for fiscal year 1923— 3/14 W. 11th Dist.— 3/10 Fwd recommendations. W. Norf.— Fwd annual maintenance allotment for light vessels shore radio compass stations in 5th Dist, fiscal year 1923. 3/13 W. 9th Dist.— Supm estimates. 3/21 W. and 10th Dist.— 3/23 W. 31 to improve use of 300 meter wave length by vessel. W.
612149	2/24 2/2	TO WASHDC Communications	
613136	3/8 3/9	Dept Commerce Communications	Fwd copy of letter from I. Vermilgys complaining of interference caused by operator on board Ohio on 360 meters. W. Communications 2/22. W.

REGULATIONS

1222

Number.	Date.	From or To—	Subject.
606962	1/27	Worf.	Request radio and radio compass stations listed be furn with copy of U.S. Naval regulations. To 1st Dist- 2/16 To 3 Dist- 2/16 To 5 Dist via 2/16 To 2d Dist- 2/28 7
607486	1/20	15th Dist.	Request copy of monthly radio report, dated 6/1/21 W. To 15th Dist via Comdt- rel 15th Dist 2/15 15th Dist 2/28 7
607722	2/1	Bur Stand Lbar-	Report on standardization of transmitted wave length. W To Key West- Request action be taken re: green- to 1st Dist- 2/10 Key West- 3/1 7
607806	2/1	Communications	Copy of tele ram to PCCS directing change normal transmitting wave of Cavite. W.
607805	1/16 2/2	PCCS Communication	Encls letter from PCCS, rel to normal re- re-aligning waves for stations in 13th Dist. W. To PCCS- 3/11 RB 3/13/22, stating nec to provide new recd var and amplifier. To PCCS- expenditure authd cc Dir Comm 3/15 To Dir Comm- Gives Action taken cc Pug Snd 3/15

REGULATIONS

1922

Number.	Date.	From or To—	Subject.
608181	2/3	Communications	Gives changes to be made in transmitting waves to Harbor, Manistique, Chicago, and Detroit. To Dir Comms - Gives 3/27 W Inform 3/31
608481	2/1	13th Dist. 476	Recommends monthly radio report be marked "For Naval Use only" instead of "Confidential" W To 13th Dis-Instrns Re use of Monthly Radio and Sound Report-2;21-W
608535	2/7	Cash. (T)	Polly Island compass station maintenance exhausted - request auth to transfer Tybee Island allotment. 7/9 To Cash (T) A the allotment 7/9 Cash- Maintenance allotment for Tybee Island transferred to Polly Isl. 2/10 W
609128	2/7 2/8	Marine Corps Communications	Request auth to make withdrawals and reductions in Marine Corp allotted strength at radio stations listed. W. Rwd Comm-comments-2;24-W

REGULATIONS

1921

Number.	Date.	From or To—	Subject.
593978	11/1	Bur Stand. Labr.	Labr. report on standardization and transmitted wave lengths. W.
59537	11/15	Boston	Radio ends allotments of auth for material tested from 12/4 only, cov maintenance preservation of material operations of Boston. Rept reply letter 11/9-12/5 W. To Boston Dis. 1/6/22
590143	FROM CARD 33		12th Dist- Copy action to MI- 11/21 W 12th Dist- Copy action to MI 12/14 W
598314	11/30	Bur Stand. Labr.	Report on November check on standardization of transmitted wave lengths W.

REGULATIONS

1921

Number.	Date.	From or To—	Subject.
599058	11/28 12/5	PGCS Communications	Recommends spark working wave of 1430 meters for Ketchikan W. Wd P & Q 12/15 RB 2/13 W
599149	11/30 CANCELLED	Pacif. Fleet OLD error	Modifications of type TC radio telephones— Fwds copy of recommendations. W.
599154	11/28 11/30	Destroy Sqd. Pacif. Fleet ✓ To Com. te yards	Ask if description of radio instln will be required on 1/1/22 W. To Com. te yards—To Com. te Atlantic Fleets Comdr European Waters—Spec Svc Squad—Description of Radio instln is to be submitted cc 11/16 Pacif. Fleet—Circular 12/22 W
599074	8/4	Communications	Fwds copy of schedule of radio activities of Navy Dept submitted Bureau Efficiency. CW 600-2
600569	12/15	Marf.	Request decision as to whether expenses incurred for special delivery stamps should be borne by stations and/or maintenance allowance or Secretary of Navy Appropriation. KW 10 Marf—Gives info cc Dir of Comd 1/5
602154	1/9/22	✓ To Yards—Sta Lns listed	Revision of annual maintenance estimates— Recd of station estimates— Ports—Subm estimates ? W Key test—Fwds reports 2/3 W

Number.	Date.	From or To—	Subject.
566674		~~SEE CARD 31~~	Fwd Dir communications - Elimination and Priority list of Stations W 9/24
587679	9/26	Communication circular	Notification of chnges in normal transmitting waves. W
590143	10/13	Dept	Cpy of letter to 1st Dist giving procedure rel to jurisdiction of radio activities. W
CARD 34	11/8	Commandant of List should be responsible person for deterioration of communications within his dist.	To Comdant - Naval District - yards - Stations - Giv Gives instrs rel jurisdiction of radio activities under the cog of Eng outside of yards 11/3 W
591144	10/17	Ship 3821d 11/23 W	Fwds report from Radio operator on board 992 EMPIRE STATE criticising Navy arc, schedules and operators. W

REGULATIONS

1921

Number.	Date.	From or To—	Subject.
591988	?	R. Urian	First copy of radio laws: also papers and pamphlets needed by amateurs. W.
		CANCELLED	CANCELLED.
591538		SEE CARD 32	To Tropical Radio Tel Co. no inform may be obtained by Boston office re: the circuits and equipment employed by Navy for selective reception from investigation of No Boston W 10/28 United Fruit Co. 10/31 W To U Fruit Co. Boston Hagst. return of pamphlet 11/9 Tropical Radio Tel Co. 11/10 To -- Gives Action 11/15 Tropical Radio Tel Co. Returns copies of bulletin. 12/9 W
593321	10/29	Communications	In conn with request for 17145 meter wave at
		To Dir Comms instrms rel machine	sayd 11/1 W cc Dir Nav Com.
		set cc 11/15	N.Y. 11/4 W
			arc transmitter tuned to wave length
			of 17145 12/7 W.
593264	10/27	NPL T	Request Bureau of standards check wave W

Number.	Date.	From or To—	Subject.
570649	6/11	NI	Recommendations cov method of accounting for material under cognizance of N&D ship to transpacific High power stations. W&A. Rwd Y&D 6-22
569586	6-18	To Comdts Bureaus: Dist. etc Asiat Flt-9/28 (T) Vladivostok allotment insufficient. W. To C-I-C (T) Allotment granted 9/22 RB 5/25 W	Gives annual expenditure allotments for maintenance, preservation and material operation of shore stations of Naval Commun service. Request reduction in expend as much as possible without impairing efficiency of service. W Phil 6/24 W. To Comdt Guam copy S&A and M.I. 6/27 To Phila 6-28 To Norfolk 6-28 copy S&A Chasn. Rost addtl copies. 6/27 W. To Chasn. Rost 7/5 To Norfolk 7/8 Chasn 2/2/22. W
571574	6/17 6/22	Pug. Sd. Communications Fwd Pug Sd via Pacific Coast Comdt 12/17	Subm recommendations rel to wave lengths for stations in Dist. W. Rwd 1003 7/5 RB 12/5 W FCCS 7/26 W. Rwd Dir Communications 12/9 RB 12/13 W
575403	7/19	To Secty	Radio telegraph- duplication of radio work by other government depts and failure to comply with Inter Departmental agreements W 600-2
578779	8/6	To Commandants To Pug Sd	Directs radiol transmitters on vessels for over haul at yards be not returned by Yard Force unless Ship's radio off. as quiescent in returning. 8/6 W. Pug. Sd. Rost instrns rel to calibration of compass on vessels prior to departure from yard. 10/5 W To Pug Sd- Gives inform 10/21 Pug. Sd. Copy action to Pac. Fleet. 11/17 W Pug. Sd. Recommendations rel to calibration of compass on destroyers. 11/17 W. 919

REGULATIONS

1921

Number.	Date.	From or To--	Subject.
579732	8/5	ston	Fwds quarterly expenditure reports on various stations. KV.
581538	8/15 8/18	8th Dist Communications	Fwds letter from Tropical Radio Co. requesting change of time or wave length at N.A.T. W. and 30 8/33 New Prin. 9/14 W.
581390	8-24	To NO- Regst Inform 10/14 To Tropical Radio Tel Co- Fwds copies of correspondence 10/14 Tropical Radio Tel Co- Regst descrpn with photo 10/14 To Comdt Washington	To Tropical Radio Tel Co- Gives action taken- cc Dit Com- NO 10/1 Tropical Radio Tele. Co. 10/3 W. Test of Jns Fifth apparatus. Authority to test W
581801	8-24 manual 9/13	To J J McSwain To- Gives inform rel	In conn with inquiry re: restrictions on amateur radio stations. Fwds copy of radio manual. W Hon J.J. McSwain Regst 18 addtl copies of radio manual. 9/10 CW.
583541	8/25	MI	Recommends practice of furnishing blankets for barracks and dormitories be continued. To MI Gives instrns cc Pacific Coast 9/7 W
583941	9/1	Bur Stand abr.	August report on transmitted wave length W.
585732	9/16	D.N.C.	re-arrangement of transmitting waves. W.
586474	9/19	P.I.	Recommends floating or light vessel 5855131

078

Number.	Date.	From or To	Subject.
13908-273	3/30/21	Nav. Commu. Eng	Policy regarding Wave Length.
13639-297	4/5/21	Eng	Radio Telegraph-Tunes for shore stations of Naval Communication Service on Great Lakes.
13639-197	3/9/21	Comdt Radio Telegraph Eng	Tunes for shore radio stations on the Pacific Coast and in the Pacific.
13845-197	3/8/21	Atl. Cst: Supt	Radio Telegraph - New Wave Lengthh assignments for shore Radio stations of the Naval Communication Service.
13845-197-W	3/5/21	Eng Off Phila	Radio Telegraph- Wave Length assignment.
13845-197	3/18/21	1st N.D. Eng	Arrangement for shift of Wave Lengths made in 1st Naval District.
13629-197-W	3/21/21	Eng Commu	Radio Telegraph - Tunes for shore radio stations of the U.S.N. Communication Service- Comment on:
13639-197	3/16/21	12th N.D. Eng	Radio Telegraph- Telegraph- Tunes for shore Radio stations of the U.S. Naval Communication Service- Comment on.
13845-595	5/6	Eng General	Radio Telegraph- Date for change to new wave lengths.

REGULATIONS

1921

Number.	Date.	From or To—	Subject.
562929	5/7	Manilla	Copy stations in Manilla division ready to change to new wave lengths.
561196	5-24	To Comdt IM's Nav Acad Maintenance allotments for shore radio Air Stations Dist Bureau stations W Radio Stations PCS DCS	Chasn- (T) Rqst authority to transfer funds from stations under-expended to those overexpended. 6/6- W. 602 To Chasn auth transfer 6-7 Norr- Report of expenditures. 6/13 W Phila- Subm estimates. 6/13 W Chasn. 6/14 W To Norr- consolidation of maintenance allts for stations of 5th Dist- 6/17
565195	6/17	MI	Recommendations cov establishment of and Ordn 5-28 Ordn- Copy action to MI 6/3 W
566674	5/27	Communications	Elimination of priority list of Navy radio stations- Subm. W.
567885	6/4	Communications	Fixed Comm- 6/14 RB 5/23 W To Nav Comm- status of Cape May and Mobile 6/22 In conn ith length of working waves for shore stations. W. And CS M.I. 6/11 RB 7/6 And M.I. 7/11
567968	6/3	N.Y.	Subm recommendations cov addtl laborers at radio station in West Indies. KW. 635-3 To sec 6/13
568641	6/8	PCCS	Dept- Ant. prizes 6/3 W To Marine Corps 7/21 copy NY & S&A Request authority to change San Pedro spark working wave from 2750 to 1430 W

N. S. E. Form 134.

REGULATIONS

1921

Number.	Date.	From or To—	Subject.
✓ 550899	3-12	To Sec via Comm	Interdepartmental Bd on radio—recs for new Bd revise findings of 1904 W
552374	3/4 3/19 Balboa 4/7	Balboa Communications prints of Corundum flats.	Combination of offices of Dist Supt and Dist radio material officer—suggestions and recommendations cov. W. Fwd via sign via Comm 4/2 RB 4/18 W. Fwd 15 Dist via Communications 4/19 RB 5/11 W
553332	3/23 Dept-Fwds 1st Dist.	1st Dist: recommendations from 3/28 W	Copy of letter to Dept rel to jurisdiction of radio activities under cognizance of Bureau Engineering outside of Navy Yards, with recommendations. W.
554225	3/24	Cdr. Hooper	Subm report of inspection of radio stations listed in the South. W. To havign Subl recomans 4/5
554246	3/28	Norf	Request copy of regulations, latest issue, be turn. W. Fwd Dir commns cc IL Norf 4/21
554268	3/28 3/24	9th Dist. Communications	Request waive lengths be assigned to 5 KW arc set being installed at Cleveland. W. cross To 9 Dist Gives instrn cc Comm - 9 Dist 3/31
554804	3/31 6/28	Byr Stand Labr.	Report on standarization of transmitted wave lengths. W.
CD 43	15 Dist NY 10/18/22	Chasn-Norf-NO- Key West- Gantnamo- 15 Dist- Gives inform cc O-1-C Research Lab- Dir comm- RB 10/27 W.	-Comit's- Im's Yards listed- Transmitted wave lengths standarization of W 4/12 W To Norf 10/28 6-28 To Chasn tel 6-28
553322	4/14	Fwd Boston	Jurisdiction of Radio activities under cogn of Eng outside of Yards W RB 4/26, with recommendations. W. Fwd Dept--Recommendations covering the status of the Dist. Radio Material Officer. 4/29

REGULATIONS

1921

Number.	Date.	From or To—	Subject.
559152	3/7	Cavite	Acknowledges receipt of copy of tunes for shore radio stations on Great Lakes, Alaska and Pacif. Coast.
560251	4:25	Boston	Submits recommendations covering yearly expenditures allotment for radio stations listed. W
		Post. Subm re recommendations cov readjustments 5/24 W	To Boston Gives Inform 4/29 To Boston 5-1
560706	5/3	To G E Co.	Reest cooperation to maintain strict secrecy in matter of development and design of radio and sound material. Reest present foreign inspec officers from acquiring inform W
GD 32	Radio Corp. of America-5/11 W	Liberty Elec. Corp. will keep any information furnished, confidential	To Western Elec Co. rel secrecy in conn above 5/4
	Wireless Spec. 5/14 W	all cooperate	To Westinghouse Co 5-4
	with Bureau 5/11 W.		To Rad Co 5-4
	Inscr Brook/ 5/17 W		To Radio Corp 5-5
	Rad. Tele. Co. 5/17 W		To Wireless Spec Co 5-4
	To Lowenstein Co. 5-24		To Inscr 5-5
	To Dub Cond Co. 5-24		To Firms 5-5
	Dublier Cond. Co. 5/26 W		Westinghouse E/M Co. 5/5 W.
13845-197	3/26/21	Eng. Dr. Comma	To Inscr GE 5-6
			Radio Telegraph- New Wave Length Assignments for shore radio stations of the Naval Communication Service.
13419-197	3/26/21	Eng General	Radio Telegraph- Tunes for Naval Vessels.
13629-197	3/26/21	Eng- Comdt. 14th ND	(5th Eng) Radio Telegraph - Tunes for shore stations of the Nav. Comm. Serv
13629/197	3/26/21	Eng. Comdt. P.H.	Radio Telegraph- Tunes for Shore Radio Stations of the Naval Communication Service- Comments on.

1921

Number.	Date.	From or To—	Subject.
51314	1/31	<u>Eu Standards Lab</u>	Submits report of January check of transmitting wave lengths of sound.
51369	1/25	Eng. Bd.	Request authority to extend maintenance of radio stations during present fiscal year.
515337	2/7 2/8	Intern. Communications	Recommendations covering expense in primary working wave for Perf. etc.
516753	2/3	Lake Island	Radio stations in 12th Dist— Subm. list of 898 apparatus recommended for recreational.
517136	2/14	Radio Communications	Bulletin published by Dist. 12th Dist. 2-23
546652	1/28	Navigation	Copy of letter to Asiatic Fleet in connection with uniform system of instrn in radio telegraph of Fleet.
547838	2-23	To Comdt 12th Dist via	Puget SA Bureau manual of instructions— Asks if any objections using extracts from booklets in connection revision of Bureau manual as regards radio aerial activities WRB 3/25 W RB 4/8 W.

REGULATIONS

1921

Number.	Date.	From or To	Subject.
548384	3-2	To IM's Comdts	Measurement of wave lengths- W RB 3/18 W
537695	FROM CARD 28		
	4/14 W.	Recommendations for 14th Dist.	11th Dist. Recommendations cov revision of allotments. 2/19 W.
	Devito 3/25 W.		New Orln- Recommendations cov revision of annual maintenance allotments for various stations within dist. 2/26 (11 letters) W.
	Hills- Subm recommendations. 5/2 W		New Orln- 3/24 W
	Boston- Subm recommendations with estimates. 5/7 W		9th Dist. 3/15 Recommendations for radio work fiscal year 1922 not chargeable to annual maintenance allotment.
	To Great Lakes- 5-12		Nav. Academy- Subm recommendations. 3/15 W
	1. V. Subm estimates. W. 5/17		9th Dist. 3/16- Subm estimated.
	N.Y. 5/17- Recommendations cov revision of annual maintenance allotment for various stations. W.		11- Request addtl allotment of \$1200 subm estimates for revision. 3/17 W.
	19 letters on.		11- Subm recommendations cov revision at Guam. 3/24 W
	Japn- Recommendations cov revision of annual maintenance allowances. 3/26 (8 letters) W.		Nonf- submits estimates. 4/5 W.
	SEA- 6/9 W		Dist. 4/1 W.
	Ind Comdt 9th Dist 6/16		To 9 Dist 4/12
550097	2/11 2/21	Coco Solo 15th Dist.	Reqst appropriation be made cov services of cook for each radio station in Dist. W. To Dept Reqst action taken 3/24 - RB 4/11 W
550932	3/11	Communications	To 15 Dist- re Pay of cooks at Stations 3/26 From 15 Dist 4/14 RB 5/17 W. Copy of letter to Asst. Fleet giving change in assignment of way to train and mine force. W

REGULATIONS

1920

Number.	Date.	From or To—	Subject.
458693	from 24		To Boston- copies of reports have been fwded Station- 9/1 Boston- Reports were recd. 9/4 W.
499155	from card 27		To 15th Dist- rel expenditures 9/24 cc MC Cavite Copy- request correct yard to which maintenance account. Russian Island Station should be charged. 9/29 W. To S&A 10/1 To 15th Dist- 10/17 R To 15th Dist- Regulations 1/8 W. To 15th Dist- 1-17-21 To 15th Dist- 1/29 W. Norf- 4/30 W. Fwd S&A 5-5-21 RB 5/14 W. Fwd Norf 5-19
524674	10/20 10/21	Insp. New Lond. General Inspector	Request copy of Naval regulations and copy of general orders. KD.
492625	(from card 26)		Research Lab. report on test: 10-29; W To CC&S 11/5

4-3584

TRANSLATIONS

1920

Number,	Date,	From or To—	Subject.
426257	FROM CARD 24		Ad C.C. asks info rel authorization covering strength 5/18 Com back. 5/21. W. RB 5/8 W. Quarterly report of expenditures. 4/20 W. Best report of expenditure. 24/9 Pug. Sd.- Kws photo of shore radio sta. 2/19 W
V497106	5/26	Pug. Sd.	Subm recommendations covering revision of annual maintenance allowance. W.
481501	FROM CARD 25		N.Y.- Request addtl allotments listed be made, covering maintenance of telegraph lines between radio and control stations in 3d Dist. 6/4 W. Ad Yd 6-7 copy P. Harbor To Comd- request continue landlines trf to C&G of SE. 6-9 Ad Yd 6-7-8. in coll. with coll. of radio material activities in connection with communications service of Pacif. Air Detachment Ad Yd 7/7 copy Hawaii RB 7/20 W. Ad Yds & Docks 8-4 RB 8/6 W Ad Pearl Harbor 8-9 RB 9/22 W

1920

4-8542

REGULATIONS

Number.	Date.	From or To—	Subject.
✓ 487195	2/18 4/7	Guam M Is	Cannot submit recommendations for annual maintenance allowance until improvements are completed - W
✓ 484313	FROM C-25		
		Boston- Subm readjustment for annual maintenance allowance stations in 1st 1st. 4/28 W	15th Dist- Subm revision of annual maintenance allowance, La Palma. 4/5 W
		Ports - estimate of revision - 4/29	15th Dist- Subm revision of annual maintenance allowance, Colon. 4/5 W
		Post - No date- submits application for revision of allowance - W	15th Dist- Subm revision of annual maintenance allowance, Balboa. 4/6 W
		Cavite- Recommendations cov allow- ance for Los Bancos 4/2 W	15th Dist- Subm revision of annual maintenance allowance, Cape Alo. 4/6 W
		Cavite- Recommendations cov allow- ance for Cavite High Power Sta 4/4	New Crln- Subm revised estimate, annual maintenance allowance, Salvacion Radio Sta. 4/14 W
		NY - recommendations covering revision of annual maintenance allowance various stations - 5/6-W	New Crln- Subm revised estimate, annual maintenance allowance, Grand Isle Comp Sta. 4/14 W
		1- Post annual maintenance, Los Angeles Station be increased. 5/4 W	New Crln- Subm revised estimate, annual maintenance allowance, Crt Arthur Sta. 4/14 W
		To M. Island- rel increase mainten- ance for Los Angeles 5/24	New Crln- Subm revised estimate, annual maintenance allowance, Chile Radio Sta. 4/14 W
		CCS- Copy- Civil Service Com. will hold examination for telegraph operators, 6/12. 6/4 W	New Crln- Subm revised estimate, annual maintenance allowance, New Crln Radio Sta. 4/14 W
		Boston- Ask if will authorize readjustment of maintenance allowance to allow under expenditure at certain stations to compensate over expenditure at other stations. 6/7 W	New Crln- Subm revised estimate, annual maintenance allowance, Los Angeles Radio Sta. 4/15 W
		To Post n(1) authority granted 6-9	New Crln- Subm revised estimate, annual maintenance allowance, San Pedro Radio Sta. 4/15 W
		Washington- Subm recommendations covering maintenance allowance. Anacostia Blair. 6/2 W	New Crln- ditto for unrec'd comp sta 4/14 W
		To Tutuila, via HI- rel works right 6/30	New Crln- ditto for Pearl Harbor Light vessel #81 - X 6/14 W
		copy C-25	New Crln- ditto - Light house under repair. 6/14 W
		YAD	New Crln- ditto - Light vessel #102 4/14 W
		Chile- Estimates expenditures, 4th Dist stations 7/3 W	X 678-102
			New Crln- ditto - Key West Station. 4/15 W
			New Crln- ditto - Jupiter Radio Sta. 4/15 W
			New Crln- ditto - Miami Station. 4/15 W
			New Crln- ditto - Jupiter Radio Sta. 4/15 W
			New Crln- ditto - St. Petersburg Radio Sta. 4/15 W
			To Phila 7/9

REGULATIONS

Number.	Date.	From or To—	Subject.
✓ 489465	4/27	Washington 341	Discontinue annual allowance of Arlington station be increased from 14 to 20 thousand and director of communications from 25,000 to 30,000 To Cof Washington- rel to allowance for Radio and D. 4/27
✓ 490485	4/28	Norfolk	ask if Wash. Yard is responsible for radio apparatus on his ship. Bd vessels. building at Carolina Ship Bldg. Co. X 271-2 W.
✓ 491182	4/29	New Orln	Request authority to lump balances of maintenance allowances of various radio stations within 8th list. To New Orln- Authority granted- 5/6 W.
✓ 491232	4/19	Port Harbor	Sub revision of annual maintenance allowance for radio stations, fiscal year 1921. W
✓ 485914	5-1	To Im Norfolk 341	Supervision of radio material activities within various naval districts in accordance with Genl order 519- Instructions covering copy C mat Charleston W
492625	5-11	To Bur Standards To By measurement has been made by Bur Stas. 8015 an error of 2.8% To Chasn ditto 8/7 To H.Q. 9/7 Radio Inst. Bur Stand. 8/13 W Bureau Stand - Subm report. 9/30 W	Designates Radio Research Lab as Monitor station for East Coast. Lists stations assigned to Lab. Request fwd summary monthly covering. W (Ref. 492071-893-4) Bur Stand Lab- Report on standardization of wave lengths. 7/31 W. Circular 9/2/20 - Circular 10/7

REGULATIONS

Number.	Date.	From or To—	Subject.	
463252	12/13	Sayville	Routing of vessel correspondence— calls attn to conflicting orders covering.	W.
463213	12/11	Dept.	Instructions directing do no place electric barriers on Radio Station, other than those properly authorized.	W.
463494	12/15	Norfolk	Confirms telephone conversation in conn vessel to visit outlying radio stations.	W.
464313	12-23	To Yds-Stats-Annapolis	Revision of annual maintenance allowance for shore radio stations. W	
TO CARD	9th Dist.	Subm maintenance allowance for radio stations in Norfolk - Subm recommended maintenance allowance for various stations. 2/14		
26	15th Dist.	Subm revision of annual maintenance allowance . Mare Island. 4/6 W.	Mare Island - Recommended expenditures: 2-14; of a maintenance allowance. 2/14	
466147	12/30	N.Y.	Tutuila - Subm estimates of allowance re- quired: 2/12 Quarterly inspection reports, quarter ending 12/31 on stations in N.Y. Dist. which have been omitted.	W.
468341	8/30 1/2	Boston Ports.	Subm statement of charges incurred in conn with radio activities, quarter ending 6/30. K.	

REGULATIONS

1906

Number.	Date.	From or To—	Subject.
41920	1/8	To IM's Data Dept	Submission of estimates for radio repairs and alterations to vessels. Instructions
477324	2/21	To Operations	Inspection of radio stations in West Indies Rep of NY Yd Comdr R. F. McConnell designated make inspection To Ops— will not make trip 2/25 (letter of 2/21 with drawn. RB 2/28)
481500	3/17	To Cds, IM's Supt Naval Academy CO Pensacola.	Request yards reserve sufficient funds out of monthly allotments to take care of necessary expenditures within stations authorized allowances, to insure maintenance for efficient operation of all fixed radio stations. W.Y. Subm comments on. 4/5 W.
481501	3-18	To Cds IM's Naval Acad Cdt 9th and 15th Dists DNC PCCS DCS's Phil Com Supt Marine Co Co's Air Stations. S&A	Advise that maintenance yards of shore radio stations arrange to take over activities from District Cds, DCS's and assume maintenance and upkeep as part of activities of stations. W Great Lakes- 3/23 Washington- Have taken steps to take over communication lines. 3/29 W. To Comdt Great Lakes 3/29 Chila- Subm recommendations cov revision of annual maintenance allowance, shore stations. 4/6 W
TO CARD 27			
483113	3-24	To Operations	Inspection of radio stations in West Indies— Representative of NY Yd Comdr R. F. McConnell will make inspection under cognizance of Slt. Yd- W copy Comdr McC Radio N.Y. Dept- Request Cdr. McConnell complete inspection of Navassa Island Radio Sta. 3/27 W Ind Norr 4/1

REGULATIONS:

Number.	Date.	From or To—	Subject.
42657	FROM CARD 21		New Orleans 10/23- Fwds photos of Galveston Station.
		Guam: (T) request allotment be increased \$20,000 as previously recommended: W (Cross to Guam)	New Orleans Fwds photos of Port Arthur Station. 10/23
		To Comdt Norfolk-advise when may expect quarterly report of expenditures. 1-8	New Orleans- Fwds photos for Mobile Station 10/22
		Key West- Fwds photos 3/8	New Orleans- Fwds photos for Pensacola Station. 10/22
		Pearl Harbor - fwsd photos of Hella & Wallape radio Stations -3/1	14th Dist - Request increase in allotment. \$6,000. 10/16
27		Key West - recommendations covering transfer of allowance -4/10 - W	15th Dist- Fwds photos of Darien Station. 10:23
		To Key West- authorizes increase of \$156.29 4-15	Tutuila- Fwds photos- 11:4
		Guantanamo- lost disposition of signature. 5/4 D	Pearl Harbor- Tel-Auth allowance. 11:1
		To Comdt M.I.-assignment of radio ale not agreed- request upon completion of changes stations fwsd addtl photos to Bureau 5/11	To Guam- Allowance increased to \$20,000. copy to Comdt Mare Island. 12-11
			Q.Y.- Subm instrns for New Brunswick and Busch terminal stations. 12/16
			To I.R. Ny. 12-22 copy to S&A- S.O. Ny
455082	10/24	Pac. Coast, Radio Supt.	Subm instrns for handling of inventories requisition, surveys and correspondence in conn with operation of radio station. 12th Dist. W.
455676	10:14 11:3	13th Dist Com	Fwds copy of form cov radio station in 13th Dist together with station inspec and routines. W.
456903	11/3	Pac. Coast Radio Material Officer	Copy of letter to various Yards in conn with repair parts for prime movers at various radio Stations. W.

Number.	Date.	From or To—	Subject.
420676	FROM CARD 22	1-7-8	N Y 11-21 Matrl insp report light vessel #13 and #15. Pac Coast Radio Supt 11-17 RB 12/8 Norr 11-25 rec auth immediate appointment of radio inspr at 17.60 (cross 635-3) To Boston- 115 authorized 12/8 And Navy's copy to 15th Dist. 12-12 RB 12/17 And 15th Dist. 12-19 to I.N. Norr- 1-16 To Puget Sound (T) 2/24. To Key West- in conn inspection report 7/23/21 To Wash 7/23 To Comdt Key West. 7/28- in re St Augustine. W
458693	11/25	To Cdr DRC IN's Supt Navy's Supt. Y&D O&R PCOS DRC's CO's Air Stations Radio Stas. Fleets Hare Island- Exds correct pendence for action 12/15 Key West- 12/19 Key West- 12/15 RB-1:27	Radio telegraph, shore radio stations maintenance repairs and upkeep in condition for efficient and continuous operation. W Instructions covering. And M.I. copy Y&D 1/30/20 RB Key West - request 4 experienced radio repair men be added to station force - 12/10 NY to 12/11 West. 12-15 copy to D.S. Com. 7th Dist. 12th District- 1:21 Radio telegraph, visitors not to be permit visit radio rooms of naval vessels nor be given info in re to radio installn or opr methods. Request C&R issue instructions changing ledes in radio rooms to prevent light from outside
459963	12/4	To Com via Com. Comdt Fleets Dirac Com 12/15	

N. S. E. Form 134.

REGULATIONS:

Number.	Date.	From or To—	Subject.	
445532	9-9	Mare Isl.	Rqst Bur's action re Mare Isl's policy concerning establishment and development of radio shore stations. PCS comments on policy- S&A 9:19 Ad Com 10/1 Adm Cdt PS via Cdt HI PCMO 10/6 RB 11:4 Transpacific Circuit- Fwds copy of correspondence. 10:16	W
432010	FROM CARD 21		Boston 9-20 (T) Installation sanitary arrangements and water system to be completed by local contract at estimated ~~gross~~ cost of \$3000. to Boston (T) 9/23 to Boston (T) 9/27 to Cdt Boston 10/4 Hawaii 10-31 Fwds prints and detailed report of proposed purchase of land at Heala Radio Station. Ad Sol via Y&D Secty 11/18	
446727	9:3	It laird	Sug plans for operating naval radio service in order that trained operators may be retained for Navy vessels. Cross to Operation and laird	
447466	9/24	Dept	Copy of let to Mutual Tel Co regarding purchase of radio station. W	917

REGULATIONS

Number.	Date.	From or To—	Subject.
449085	10/4	To S&A	Reqst copies of forms be furnished Bureau. W
449514	10/4	Radio Test Shop	Recommendations covering revision of annual \$15-26 allowance for radio sta. Radio and distant control stations; W k.
559093	<u>From Card 12</u>		Fwd SEA 10/18 To S&A- calls attention to ltr of 10/18 asks reply 12/4 Boston- Fwds correspondence 2/10 W. Fwd SEA 4/14 Boston 5/27 W Fwd SEA 5/12 To Norfolk- accounting in comp radio installn on vessels of Ship Bd. Fwds copies letters re: procedure- 2/24/21

REGULATIONS

22

Number.	Date.	From or To—	Subject.	
286700		FROM CARD 15 To Odt Keywest	Material issued prior to 7/1/19 should be changed to anprop 1919 8/6 as to SEA To Naval Com-Fwd 10:22	
437 220	8/7	To Fleets Europ Pos	Reg advises all Co's that reports must be complete rel to installation and description of radio material on board	898
436989	8/2	Com	Memo on organization administration and operation of fleets and shore estab. and coordination of fleet estab. by Com. W. Re address of Co Wygant Com.	876
✓ 420676	FROM 20	TO CARD 24	To Mare Island- Quotes from Acting Secty instructions in reply to inquiry from Bureau re travel by personnel of radio material organizations 8/18 Boston-Report of Inspect Prices Neck Radio Sta. W 8:18 To MI- asks fwd duplicates 8/29. Fwd Bur Navigation 10/18 Phila- Report of inspection at Cape Henlopen radio station. 10/20 Phila. 10/20. To Communication 10/22 RB 10/28 Boston-Quarterly inspection report Surfside Compass Station. Cross to 919-1 11:1	
		To Balboa 11/7 To Hawaii 11/7 To Phila 11/7 To Puget Sound 11/7 To New Or 11/7 To Chas 11/7 To Ports 11/7 To Boston 11/7 To NY 11/7 To Cavite 11/7 To Norri 11/7 Portsmouth 11-14		

Number.	Date.	From or To--	Subject.
✓ 440166	8;11	Pacific Coast Radio Material Office	Report on organization of district radio material Dept #1 Yrd. W
440748	8;14	Cape May	Reest. allotment of \$400 per year for maintaining 40 Red motors. W To Phila-Increases allowance of Cape Henlopen. 8;23
432010	FROM	WARD 21	To Oct 9th 10th 11th Dists.- Recommends auth. be granted and negot be made stations CALUMET- 9/8 go to DNO Sol To Oct 9th 10th 11th- req nego be made in re to purchase of site Grand Haven 9/8 To Mare Is- radio fiscal work year 1920- 9/8 To MI- 9/9 To Puget Sound- Gives recs made by Comdt PS mod by B. R. and auth by Dent 9/10 To Pearl Harbor- work authorized lists 9/10 To Boston (T) 9/10 To Boston (H) 9/10 Boston 9:25-Steps being taken to have sanitary arrangements made. Boston-Statement cov improvements. 9:30

Number.	Date.	From or To—	Subject.
432114	7/10	NO	Copy-Reqst instruc ref to keeping repair radio equip. asks if arrangements been made concerning the performance of work. 771
425207	see 426257	<i>original entry 771</i>	
✓426257	7-16	SEE CARD 20	To I.M. New Orleans-Maintenance allowance of the Gram Island Radio Comp's Station 1920 is increased from \$500 to \$1200. W-R
SEE CARD 424		other side To 15th Dist- increase in allowance 7/2	increased from \$500 to \$1200. W-R
		To Wash- increase of allow for Indian Head 9/12	9th Dist-Sub outline of method 7/17
		Gr Lakes Submits photos.	To Great Lakes- fws circular letter 7/22
		Naval Academy-Fws photos. 10;3	✓ To Oats Am sp- Req fws photos of navy owned shore radio stations, other than light vessel stations 8/7
		6th Dist-Fws status photos. 10;3	Indian Head-Reqst allotment \$60. for painting masts. 8:12
		To 30 Boston- cy of lettr of 6/24	To NO- with maintenance allow of 250 8/13
		fwd 10 /7 c c to S&A Oct Boston	fwd Washington 8/14 R B 9-10
		9th Dist-Fws photos. 10;3	To Wash-Gives annual allowance for fiscal year of Radio Lab. 8:22
		Phila 10:13	15th Dist-Reqst annual allowance for Cape Nesta be increased to \$3,500 8:16
		Charleston-Fws photos 10:18	No expenditures made in con with flat rate radio maintenance charges for vessels other than naval quarter ending 30th. 7/18
433442	7:2	Wash-Fws photos Indianhead 10:18	
432010	7/29	To Secty	Sub outline of various projects, pertaining to radio stations for accomplishment during year 1920. W cross to 604
SEE 22		To 9th 10th 11th- outline of work for 1920 8/18 fwd Sec 8/21	Received back from Dept 8:18 approving expenditures for carrying out Naval Radio work during 1920 Cross to 604-20
		To Boston- Accomplishment of radio projects for fiscal year 1920 as outlined in auto by Dept 8/26	To Sol 8:8 Received back 8:20 with detailed comments.
		To IN Norr via DNG asks final recs 8/23	Chasn asks comments 8/23 cc to DNG
		To NY asks recs 8/23	To KW asks recs 8/29
		G L 9-4 Rec against purchasing GRAND HAVEN AND CALMET. (CROSS 793-5)	TO CARD 25

REGULATIONS: RADIO

Number.	Date.	From or To—	Subject.
✓ 433488	7/19	To Bureau Stds	Suggests appointment of one member from each of organizations, Dept. Signal Corps Bu Stds, for study and recs method of procedure W To Bu Stds - Comd S C Hooper desig 7/23
425247	FROM CARD 20 see other side		Fwd Great Lakes, reqstg copy of corresp covering yearly allowance for shore radio stations W 7/21 To Guam (T) - Radio allotment increased to \$20,000. 1-6
433911	7/21	To Command	Reqst test be made in order to determine if stations keep watch on naval ships - W reference to complain of Comdr Chief Ati Pl re unsatisfactory service W
434775	7-25 13th Dist - Tel 7:26 12th Dist - Tel 7:28 To 5th Dist - Tel 7/30 To 3rd Dist Tel 7/30 3rd Dist - Tel 7:31 Cavite - Tel - 6:6 fwd Operations 8/11 Washington 8:13 Wash - 8:21	To Wash 13th Dist - Tel 7:26 12th Dist - Tel 7:28 To 5th Dist - Tel 7/30 To 3rd Dist Tel 7/30 3rd Dist - Tel 7:31 Cavite - Tel - 6:6 fwd Operations 8/11 Washington 8:13 Wash - 8:21	Reqst be advised number of Marines desired during peace times to guard radio stations under cos of Wash Yd. W 8th Dist 7-25 (T) 6th Dist 7-25 (T) 15th Dist 7-25 (T) 4th Dist 7-25 (T) To Annap Dist. Tel: asks tel number marines if any desired guard radio stations during peace times W 7/24 To Comdt Washn - req no of marines required 7/25 7th Dist - Tel 7:25 8th " " 7:25 9th " " 7:25 Norf " " 7:25 Annapolis Station 7:26 1st Dist - Tel 7:26

REGULATIONS: RADIO

Number.	Date.	From or To—	Subject.	
418930	5:14	Ports	Outline of radio work for 1920	W
417648	5/14	To Chief Nav Oper	Inspec of shore radio stations re material matters, by Dist Radio Material Officers. W.	742
420320	6-3	To Comdt Mgrs Grt Lakes 4/11/21 W Fwd Opers 4/22/21 BB 5/9 W and Great Lakes 5-10	Reqst Comdtz and Mgrs direct Dist Radio Officers to confer and cooperation with C.C. Air Stations so that radio material activities of air service be efficiently carried on in conformity with policy outlined therein. W MI- Recs for annual allowance in con with radio app on Tacoma, Denver, Cleveland, L 8:21 7th Dist 7:12 To Annapolis fws copy of Bu Letter. 10:13	
420676	6-5	To Comdts, Mgrs, Bureau PCCS etc. To Key West (T)-Reqs compliance with instructions Bu letter 6-5th 7-15 To KW as to Commun-req comply with instruc given 7/17 Key West-7:16 Tel. Boston-Asks status of routine radio inspec of ship Brd and 6:4 NY	MI-Quarterly inspec report San Domingo. 8:2 Gives instructions re to inspection of shore radio stations by material officers as regards other than personnel operation matters. W 15th Dist-In con with personnel carrying out work. Tel 6:27 Boston-Sub Rep of readint at Railroad Adm vessels. 7:17 Chatham. 7:28 To Boston Tel 7/18 arc chamber of arc set. 7:26 Annual allowance for Colan, Darien, Balboa, Coco Solo, reqst report of fvd to Bu be fvd to radio material officer 3rd Dist. W To- NY- fws copies of corresp 6-7	
423612	6:4	NY		
425223	6:9	Com	Conference in con with reduction radio personnel on shore, ship bulletin, discussion of of Com chart over land com. etc.	W
420683	see card 27			
see 420676 also				

Number.	Date.	From or To—	Subject.	
389235		From Card 18	NY-Submits estimate 6:13 To MI re to San Domingo City- r dlo st. at San Domingo City omitted from author of allowance, equip inv lced to Dominican Govt 6:16 11th Dist-Reqs for revision of allowance 6:16 Wash-Estimate of Eric allowance 6:18 To NY- rel to maintenance of 6:16 Gunp-Reqs for revision. 6:24 Pearl Harbor 9:8 To Oat Hawaii via MI Supervisor- req make effort to maintain sta PH within allowance 10/2	
425720	6:3 6:11	MI 12th Dist	Reqst maintenance of radio station Yerba Buena be designated also under cognizance of MI. Fwd's photos of San Diego. 12/15 are island- sh. if our desired new photos taken. 5/2 W.	W
427759	6:14 6:20	Norf SEA	Info as to main sup station for radio stations within 5th Dist. To SEA- all stations placed under yard Wash for maintenance except those located along Severn & Potomac Rivers under yard Washn. 6/25	W
426257	6/24	To Comdts. IM's Stations	Yearly allowance for shore radio stations W 1:12 6:16 Pensc-fwds photos 8:19	
SEE 21		To 9th 10th 11th Dist- does not approve reqs, but if req to exceed skpd will consid req for trans port of one to another station 7/5	To Phila fwd copies of ltr 6/28 To Com t 9th 10th 11th- summary of corresp 7/7	
24		MI-Tel-Asks what navy yrd has juris- diction over Vladivostok. 7:10	SEA 7:1 MI-Req action 7:9 To Station Siberia Satellite MI Tel 7/12 Charleston-fwds photos 10:16	
		GI-Reqst action 7:14		

REGULATIONS RADIO

Number.	Date.	From or To--	Subject.
359093 see card 18	3-25	To Comdt Guantanamo Wor-Report of expenditures 7:19	Guantanamo and Navassa Is radio stations placed under yard NY for maintenance and supplies, effective July 1st 1919 to St Thomas, placed under jurisdiction of yard Y 5-26
TO CARD 23	7:19	fwd NY cc to Guantanamo 7/24 MI-Quarterly report of expenditures To S&A asks fwd statement 8/18 To NY comments and info req in gun with exp made WALDEN 8/18 cc to S&A S&A-Gives charges. 9:20 To S&A- req furnish statement 9/29 fwd Oct St Thomas via Oct Guantanamo and IM NY 10/3 RB-1:27 NY 10:6 TO S&A-Reqst copy of let. 10:8 S&A 10:14	New Orleans-Asks what steps shall be taken by yard to collect charges radio instal. W 3:21 To Shipping Bd. Reqst necess instruo be furnished rep at N.O. re collec 3-31 To Secty Navy Sol- reqst be advised if any legal objections to navy continuing flat rate so vice for Shipg Bd va sels and privately owned vessel whose owners apply for for period after peace is established- W 5-27 NY 5:16 Wor-Reports high charges to various vessels 7:18 Guantanamo-Asks if will provide spec allotment for power, fuel ice, etc at Guantanamo. 7:14
413631	1/2	To Operations	Is not to be used for any other activities of air service.
413670	4:18 4:24	3rd Dist Com	Asks correspondence sug estab f card system for keeping inventory at radio station with approximate estimate of cost. W
415547	5:24 NY 7:8	To 9th Dist	(Old No) To Navgn- transfer of radio material activities under supervision of instrucns 6-4
415022	6:2	Dayton Dowb Co	Sub quotations on pumps.

Number.	Date.	From or To--	Subject.	
398576	From Card 18		To 15th Dist- Approves recs. 5:3 3rd Dist- Fwds correspondence. 5:7 15th Dist- Sub req for workmen. 4:22 fwd Cnaen via Y&D 6-8 fwd Navgn via Commun 5-9 RB 5:22 fwd NY 5-31 RB 6:3 fwd Nav 5-24 RB 5:29 To 15th Dist- cannot provide yeomen for this duty 6-4 To S&A- Info sub in accord with req 5-21- 6-10 To Nav- reest orders to Lt W. Eaton 6-14 fwd S&A 7/10 S&A 7:3	W
415549	5:3	To NY	Radio material activities within the 9th, 10th and 11th Dist. under supervision NY.	W
416470	5-8	To N.Y.	Reest expenditures in conn w maintenance allowance be reviewed and recs sub. for increase or such as already authorized not sufficient to meet necess expenditures. W NY-Recs for increase in allowance to various stations. 5:19 To S&A- rel to allotments overdrawn for sta during period of w.r. due to cancellation in S. L. Dept. 5-26 To Commun- re info	
417539	5:10	Boston	Submits statement showing maintenance allowance necessary during the fiscal year 1920 for radio and compass shore stations.	W

REGULATION: RADIO

Number.	Date.	From or To— (SEE CARD 19)	Subject.	
359093		SEE CARD DUB 17	9th Dist-Req further instruc. Advise all Wdts. to be placed under jurisdiction of Comdt East N- To 3-1 R B 3:8 fwd NY via 3rd Dist 3-3 To 15th Dist 2/3 R B 3/5 fwd Communications 3-8 R B 3:11 To Ports- call atten to ref a and d 3-9 To Ports- re above- 3-10 fwd NY 3-10 To Boston Tel- 5000 chrg Engr 1919 author provide facilities DRMO as recommended 3-10	W
3/12 Com		To Re maintenance repairs and replacement of parts of radio installations on vessels other than Naval vessels flat rate charges for To Phila Key West- Quarterly report 6:2 Cavite- radio material origin To N.Y. 2-20 RB 24 To Phila- comments 3-24	Advise all Wdts. to be placed under jurisdiction of Comdt East N- To 3-1 R B 3:8 fwd NY via 3rd Dist 3-3 To 15th Dist 2/3 R B 3/5 fwd Communications 3-8 R B 3:11 To Ports- call atten to ref a and d 3-9 To Ports- re above- 3-10 fwd NY 3-10 To Boston Tel- 5000 chrg Engr 1919 author provide facilities DRMO as recommended 3-10	34
398576	3-4	To Comdt Ports via Indus Mgr. Comdt Bos fwd Chasr 3-17 Balboa-Sub rep. W 4:14 To Portsmouth 3-19 To Mare Island equipmt for ship bd vessels 3-19 Ports-Sub radio data. 4:7 To S&A- fwd 4:28	Advise all Wdts. to be placed under jurisdiction of Comdt East N- To 3-1 R B 3:8 fwd NY via 3rd Dist 3-3 To 15th Dist 2/3 R B 3/5 fwd Communications 3-8 R B 3:11 To Ports- call atten to ref a and d 3-9 To Ports- re above- 3-10 fwd NY 3-10 To Boston Tel- 5000 chrg Engr 1919 author provide facilities DRMO as recommended 3-10	
See Card 19		15th Dist 5/2 Submits report of Annual Maintenance Allowance. New Orleans 5:15 R B 5:22 Guantanamo- Rcs for revision of annual maintenance allotment. 5:14 Port-Revision of annual maintenance allowance. 5:21 C/O SAPO- 5:28 Cavite 5:28 3:9 Chat	Advise all Wdts. to be placed under jurisdiction of Comdt East N- To 3-1 R B 3:8 fwd NY via 3rd Dist 3-3 To 15th Dist 2/3 R B 3/5 fwd Communications 3-8 R B 3:11 To Ports- call atten to ref a and d 3-9 To Ports- re above- 3-10 fwd NY 3-10 To Boston Tel- 5000 chrg Engr 1919 author provide facilities DRMO as recommended 3-10	
397235			Advise all Wdts. to be placed under jurisdiction of Comdt East N- To 3-1 R B 3:8 fwd NY via 3rd Dist 3-3 To 15th Dist 2/3 R B 3/5 fwd Communications 3-8 R B 3:11 To Ports- call atten to ref a and d 3-9 To Ports- re above- 3-10 fwd NY 3-10 To Boston Tel- 5000 chrg Engr 1919 author provide facilities DRMO as recommended 3-10	
To Card 20			Advise all Wdts. to be placed under jurisdiction of Comdt East N- To 3-1 R B 3:8 fwd NY via 3rd Dist 3-3 To 15th Dist 2/3 R B 3/5 fwd Communications 3-8 R B 3:11 To Ports- call atten to ref a and d 3-9 To Ports- re above- 3-10 fwd NY 3-10 To Boston Tel- 5000 chrg Engr 1919 author provide facilities DRMO as recommended 3-10	
401749			Advise all Wdts. to be placed under jurisdiction of Comdt East N- To 3-1 R B 3:8 fwd NY via 3rd Dist 3-3 To 15th Dist 2/3 R B 3/5 fwd Communications 3-8 R B 3:11 To Ports- call atten to ref a and d 3-9 To Ports- re above- 3-10 fwd NY 3-10 To Boston Tel- 5000 chrg Engr 1919 author provide facilities DRMO as recommended 3-10	
396118	2/17	Com	Sub list of work tunes to be used when transm official traffic stations listed W 908	

Number.	Date.	From or To—	Subject.	
403520	2:26 3:11	PCS Pacific Coast Super	Edw's prep radio material organ chart for Pacific Coast 1st Comdt Puget Sound 6/28 RE 7:21	W
404408	3:21 3:20	6th Dist Com	Edw's report on radio organ and sub recs concerning transf from Navy Yrd to Dist Commandant Organ 1st 6th Dist- 3-25	W
403418	3-19	To New Orleans VOID	Tel: req notification whether attic detrimental to good radio comm at present Late W VOID	
404012	3-20	To Comm	Quarterly inspectn report of Nav Radio Station, errors in W	
401475	3/14	To Comdts Yds & Sta	Advises that vessel operating o in American waters will be fitted w 2 spark gap in accord - ance w pre-war policy, the rotary gap being employed only for auxiliary purposes- 898	

1516

~~SECRET~~ 3-5 17

4-3391

REGULATION RADIO

[illegible]

REGULATIONS

Number.	Date.	From or To—	Subject.
369093	12-28	To all Dists and Stations-	RE maintenance, repairs, and replacement of parts of radio installations on vessels, other than Naval vessels—Flat rate charge for
		To 3rd Dist 1;2 received back 1;15	To 13th Dist-(M) 09424-Lab and storage facilities should be permanently retained 12-28
		foreign ships" 1/-21	Fwd 5th Dist 1/-28
		Fwd 5th Dist 1/-21	To 14th Dist-RE jurisdiction of radio activities under the cog of SE withing various Nav Dists 1/-28
		Fwd 1st Dist 1/-21	To Dept-Roc that 14th Dist be auth to employ 1 radio elec for ship radio work 12-28
		Fwd 12th Dist 1/-21	1/-28
		Fwd 2nd Dist 1/-21	1/-28
		Fwd 1st Dist 1/-21	1/-28
OVER		To all Dists- RE jurisdiction of radio activities under cog of SE withing various Naval Dists 1-21	1/-28
		Fwd 3rd Dist 1-21	1/-28
		Fwd May via Nav Comm 1--3	1/-28
		To 1st Dist (T) 11318 see 11020	1/-28
		To 6th Dist-RE jurisdiction of radio activities 1/-28	1/-28
		To 14th Dist-Navary 1/-28	1/-28
		Radio service from China Mail 1/-28	1/-28
		To 14th Dist-09428 1/-28	1/-28
		Cov red by flat r to office 1-21	1/-28
		13th Dist 1;18 back 2;6	S&A - 1;14
		Fwd Ch Nav Oper 2/11	Fwd 3rd Dist 1-13
		Dent-Corresp rec back disap	Fwd 4th Dist 1-21
		transit radio personnel from Navy	To Cdr Adm- Fwls additional copies of circular letters -List of American and Ird. Guantanamo- 2;6
380572	1-10	To S&A	Reqs shipment from Norf to Cape Hatteras for charging unit one g nca 3/4 battery
			Pearl Harbor- Reg Lt Brier be detailed as radio officer. W Tel 2;20
			W
368923	1;14 1;26	Annapolis Station Com	Spn plans for high power radio station and other arc stations, detailed reccs.
			W

Number.	Date.	From or To—	Subject.
395121	2;14	Insp'r Phila	Conf tel conv in con with report on radio work under Phila office.
359093	OVER		Fwd 14th Dist 2;5 R E 2;21 fwd 3-1 2-25

REGULATIONS: RADIO

Number.	Date.	From or To—	Subject.
233492		M I SEE CARD 14	allotment for Training School, Cal.
		4th Dist-Quarterly Inspection report Cape May Section base. W 1:23	2nd Dist - List light vessels be equip with radio apparatus for which allotment of \$600 is reqst.
		S&A-Fwd req from Washington for accounting number 2:8	To Bu. re. line status of radio stations of Pacific B. O. 7/17
		Fwd S&A 2/17	Pearl Harbor-Reqst action. 8:30
		FS S&A-Req additional allotment of \$2,000 for Report Station. W 3:24	Fwd. BU NAV. 8/30.
		To Puget Sound- increase of allot \$2000 4-2	To Inter. HCo. Fwd. copy of inspect. report. 8/30
		To Washington 11:2 RB 4:11:19	Nav.- Decision relative to jurisdiction and maintenance of radio schools. 8:30
		rwd omdt Wash 6/30	Pearl Harbor- 8:31
			International Radio Tel Co - 9:9
			To H. S. L. re allowance for Pearl Harbor R. Sta. & Dis. Com. 7/12
			To Bu. re. maintenance & jurisdiction of radio school. 8/14 Fwd. and Dist. 9/14 rec 9:17
			To Wash. Allots amt. for radio experiments. 8/17
			rwd 2nd Dist 5:25 received back 5:17
			To Mare Is. re jurisdiction of Rad. School at Marshall, Cal. 9/24
			Com- Fwd estimate of NY for distant com super. W 9:45
			re. estimate of Line. 10:15 in Dist.
			Pearl Harbor-Req reply to letter of 9th Tel To NY. re. maintenance allowance of NY 10/2
			2nd Dist - 10:1
			To Second Dist. 9/14 R. B. Oct. 15
			Pearl Harbor- Tel. Req allotment \$300 10:23
			To Bost- Makes allotment of yearly maintenance allowance for Boston Light Vessel 84 11-1
			re. estimate of Line. 10:15 in Dist.
			To Director Naval Comm re status of radio station and section patrol radio 11-14
			To NY. re increase of allotment. 11-22
			To Wash. increases yearly maintenance allow. 11-29
			To NL. re experimental work. 11-29

Number.	Date.	From or To—	Subject.	
357775	10/3	S.D.	Request station be supplied with copy of naval radio regulations Pwr Director Nav Comm 10-23	W.
353203	10/10	To W	Request station be supplied with copy of naval radio regulations Pwr Director Nav Comm 10-23	375
353203	10/10	To W	Request station be supplied with copy of naval radio regulations Pwr Director Nav Comm 10-23	375
359093	11-14	To Comdts & Yards To Shipping Bds. In re Above. 12/18 To Bug Sq. Authorztn cannot be obtained at this time for purchase or rental of building re ferred to in ref. 12/18	re jurisdiction of radio activities under the omniscience of the BSG within the various Naval Districts W To 2nd Dist, re status of stations in 2nd Dist. 11-26 to 12th Dist. organization effect 11:25 Com Supriament Phila. Airt report. 11:27 12th Dist. Receiving Unit from 11:28 12th Dist. but its report of head. 11:22 To 1st Dist. Will be 11:30 To 1st Dist. (T) 11525 Doubtful if Dept would prove additional rental space for reasons given 11-29	
		Ewd 3rd Dist 1-2		
		Ports - Submits report 1:1		
		12th Dist. Reg authority for 2 additional floors. 12:31		
		To San Francisco 12th Dist. 1-23		
		To Insp. Phila. - Post all reports re aircraft radio app be subm thru Comdt 4th Dist. - 2/15		
		Fwd NY 7:24 RD 9:30		

914 - REGULATIONS: RADIO

1918

Number.	Date.	From or To—	Subject.
213900	6-13	4th Dist	Radio stations in District - fwds revision annual maintenance allowance.
322654	6;25	Communication	Copy of circular letter, reports that communication regulator of 1918 will be issued shortly
233492		See CARD 12	Asks if any rental charges have been paid
See CARD 16		Trent Lakes - Reqt infor relative to action taken by Bureau in connection with allotment of Com. Grant 1918. 7/19	on radio stations. W Pearl Har. - Asks if allow. To Com. Ind. Mrs. & als. Re yearly allowance for Shore Radio Stations. 7/18
321132	7:11	Naval Com	Phila. 7:17 7th District - 8:6 Ports - 8:22 To Phila. Allot. aut. to cover expenditures in excess of allot. at station. 7/19 To NY. Repts. that all ref. to Barnegat Bay St. cont. An ltr. of 7/18. 7/22 Key West - Reqt for allowance on radio Key West - fwd reqt as listed for allowance. 3:2 Copy of circular letter containing instruc. in connection with com. with ship at sea. 7
32700	7/17	SEE other side of this	To Com. Ind. Mrs. & als. Allow. for Radio Stations. 7/27 Frisco Training Sta - fwds deviation of annual allowance for Yerba Buena. 7:22 To SF. incl. cont. authorization of Allow. for Bu. at t. 7/31. to FCCSupt. (1) Allow. of \$10000. for ensuin. i. year. 7/31

RECOMMENDATIONS: RADIO.

Number.	Date.	From or To—	Subject.	
274324	1-16	Comm	Reqt recommendations concerning commercial radio stations and location of direction finding stations in connection with bill giving control of commercial radio stations to the Navy.	919
273889	2/4	To Comdts 1st C Supt-W. 2-14 To PCCS—Gives action. 2/23 Ports-log book was sent Feb. 18th. 3/27 To Wash—Fwds as requested. 4-27 To Ports—Fwds as requested. 4-27	Radio stations log books. Replacing of form NSE 22 by form NSE 267. Fwds books. W Boston 2-7 requests instructions for writing up log sheets. Ports—reqt instrns re furnishing station with log books. 2/7.W To Ports—Fwds add'l copy of log book. 2/15 To Dist Com Supt Bost—I instrns re submitting logs. 2/19 Various stations listed - asks if come under NY Yd - W Fwd S&A via Dept. 2/19	
282261	2/14	3rd Naval Dist S&A		
281344	2-23	Director Nav Communica.	Asks if any changes in radio regulations covering working tools. (Cross to have lengths)	
286700	3/8	To Yards Statl ns Canal Zone—Submits recommendation for stations. W 4-3 Naval Academy 4-17 Norf—4/13 Prisco Station - Fwds revision of annual maintenance allowance. W M Is - submits revision of annual maintenance allowance for various radio stations - 4/22 - W To Puget Sound 4/8 RB 5/2	Revision of annual maintenance allow. Directs submit application for, if considered necessary. W 2nd Nav Dis—3/14 (NY sub. revision of maintenance allowance of stations listed. 3:11 To Prisco—3/23 Guantanamo—Request revision of allowance. W 3-21 VOIDUSS PENNSYLVANIA 3-25 VOID NY 3-28 4th Nav Dist—Submits estimates. W 3-28 Key West W 4-3 Ports—submits recommendation. 4/3 Pearl Harbor—4/26.	SEE CARD 15
	4/24	Vernin Is—rqst maintenance		
		3:8 to yards, received back from NEW ORLEANS	5:20	

REGULATIONS: RADIO. 914

Number.	Date.	From or To—	Subject.
233492 To 2nd Dist - Sub report of Insp of NL radio sta. W 292991	SEE CARD 12 - SEE CARD 16 3/20	Pacific Coast	To Pearl Harbor--(T)Makes add'l allot. 3/16 M 18 - W. 3-19 To Phil. Is. as per re. 7/24 To 1st - Reqt. allow \$300. for each of stations listed. 7/30 To Key West. ASKs 11/30. read. for each station. 7/31 Copy of circuls to all radio stations on the Pacific Coast giving instrns relative to use of log book from 257 replacing N-22 - W
299165	4/16	To General Supplies Com.	Reqt Fwd copy of General Schedule of Supp. lies. 1918. W
302597	4/19 5/1	NY Y&D	Reqt instrns relative to probable charge for maintenance of wireless stations from 3rd Naval Dist. FWD Y&D--5-4
305234	4/30 5/8	7th Dist Communications.	Request share radio station outside of Key West be put under control of 6th Dist as far as relates to a/tis, repairs and maintenance. W Fwd Dept, 5-15 Fwd Director of Nav Comm 5220
305774	4/11	Pearl Harbor	Reqt 2 copies of radio regulations for Fwd Communications--5-11

REGULATIONS: RADIO.

Number.	Date.	From or To—	Subject.
249986	9/19	To Chasn	Semi-monthly radio reports. Re advantages of continuing reporting list of job orders on hand. W Chasn--9/25.W
251276	2/16/16	Chasn (Personal)	Cooperation radio work; regulations to govern. W
252422	10/1	Sayville	Semi annual radio reports issued by Bureau; request be furnished with. W To—No policy to furnish. 10/5
253279	10/8	To Bost	Directs correct semi-monthly report by giving drawing numbers complete, and revised prints sent to Bu and to all yards. W Bost 10/18
255335	10/31	To NY	Repairs. Reference cards for. Fwds samples, with detailed instrns re filling out. W
246302	CARD 12		Great Lakes can make repairs naval vessels at Great Lakes 11/2 7th Nav Dist 11/2 12th Naval Dist (T) request copies of letters 11/5 W RB from 1st Nav Dist 11/6 N Orleans--11/5. OVER 4th nav dist--11/7.W 5th Dist 11/7 Chasn 11-28 Hawaii 11-15 Dep't of Navy 1-5
To 12th Dist—Fwds copies of previous letters. 11/8 Hawaii 10/30 To Pearl Harbor—Fwds copies of corres as listed. 11/20 12th Dist 11/17 Hawaii 11/14 To Yards—Invites attention to letter of 8/30, should vessels be taken over; re purchase of radio apparatus. 11/26			

REGULATIONS: RADIO. 914

Number.	Date.	From or To—	Subject.
246302	12/5	To Yards Stations Supts. OVER	Fwds booklet giving data, re radio equipment for merchant ships. Comments on. W Fwd Dept—12/5 Phila 12-7 To Shipping Board—12/8 Pearl Harbor (R) asks what is chargeable with repairs to radio on Army Transport inspection 12-12 To Phila—Fwds copies of Bu letter of Dec 5th. 12/11
		To S&A—Directs have New Or1 obtain stock of spare parts. 3/13 To Grt Lakes—Directs prepare reqn covering radio equipment on Fwd LTR 5/28 Marconi Co—Request further info. W 4-2 To Marconi Co—3/30 To Marconi Co—4/13 Marconi Co—4/13 To Marconi Co—4/19	To Dept Commerce—Fwds list of vessels commandeered by Shipping Bd. and reqs re radio apparatus installed on. 12/11 New Orleans 1-12 To Pearl Harbor—(T)12/13 To 3rd Dist—12/13 To Pug Sd—12/13 To New Or1—12/19 Dept Commerce 1-5-18 1-5-18 Pug Sd 1-4 To 8th Nav Dist 1-18 RB 1-29 Phila renews request for 7 copies of mimeographed or printed circular letters 1-29 Fwd New Or1—2/1 To Phila—2/4 To Nav Com—Fwds corrected list of vessels. 2/23
272196	1/12	To Yards Com Supts	19 "Description of radio installation" Form NSE 25-A Directs submit at once. W 4th Nav Dist 2-6 Cavite - 6-3
273741	1-11	Cape May Section Base	Request 2 copies of Naval Regulations covering radio. W

REGULATIONS: RADIO.

Number.	Date.	From or To—	Subject.
212724	1-26	Indian Head	Recommends change in Radio regulations relative to "maine" ships standardizing their time: (Cross time signals) Fwd Nav Com--3/12
✓ 217518	3/12	To Yards Pac Coast Supt	Directs make rec re revision of maintenance allow for radio stations prior to June 1st, if considered necessary. W Re Arlington request maintenance allowance be increased to \$16,000 3/19 Arlington estimate for director's office 3/19 To H. Is. Phil. Pag Sd--(T) Directs wire annual maintenance ests. 6/6
✓ 224997	4/21	Post Supt	Recommendations for new money allowance. K&W
✓ 225066	4/27	To NY	Lists radio sets which will be assigned to vessels taken over by Govt, to be held at NY. W

914 REGULATIONS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 230970	5-21	M. Is	Rec annual allotment for stations under M Is. W M Is (T) gives allotments required for commercial stations taken over and all radio stations under M Is 6/7 M Is (T) gives annual allowance for sta- tions coming under M Is 6/10 To—(T) Reqt each radio stations est annual allott. 6/9
✓ 233492	6/15	To Yards & Dist Supts	Submits plan for yearly allow for shore radio stations. W
	To Phila—12/19		To—Further instruction. 7/9
	To Pearl Harbor—(T) Disappvd. 3/7		Wash letter not received 7/11
SEE CARD	Pearl Harbor—T reqt further instrns. 8/10		To Wash—Fwds copy of letter of June 15th. 7/17
15	To Pearl Harbor—(T) Ask reasons in detail for necessary 50% inc. 3/11		To Yards—Lists add'l to list - district patrol radio stations. 11/6
	Pearl Harbor (T) submits average monthly expenditures 3/14		To—Amends letter of 6/15. 11/15
241183	7/30	To Capt Todd	4th Nav Dist 12-12 Fwds outline of basis of radio organization. W
246302	To Phila—10/29	Newport gives	ports assigned to material section at Newport 10/30
	8/30	To Yards S&A Supts	S summarizes radio installations under jurisdiction of Navy Yards, Atlantic Coast. Status of. W
	San Francisco (T) - reqt copy of letters referred to 10/2 W		Ports 9/4
	To Grt Lakes—10/6		6th Nav Dist 11/1
	M Is 10/10	Phila 10/19	To Grt Lakes—Fwds copy of above letter. 9/8
	To—Reqt list of ports assigned to Yard within Dist. 10/27		San Francisco 9/5
248149	9/10	To Ports	To—Detailed instrns in connection with repairs to. 9/22
	Ports—1/31		Fwds copy of plan for the Co-Ordination of Radio work at Navy Yards, with comments on. W
	To Ports—3/8		T Yards—Ports Yard will be included in semi-monthly radio exchange in future. 9/10
			Ports request certain information in connec- tion with 924

REGULATIONS: RADIO:

Number.	Date.	From or To—	Subject.
192601	7-12	To Yards—Stations.	Recommend that annual inspection of radio stations by Public Works Officer be made at same time as District Radio Supt in order that conflicting recommendations will not be made. W NY request district radio superintendent notify yard when ready to make inspections 7/20 Fwd Dist Supt Dept—Take up with NY. 7/25 RB 7/28
198327	8-3	Dept	Circular: Naval Radio Service to be known as "Naval Communication Service", and former Supt. to be known as "Director Naval Communications". W
198738	9/5	AEL Flt	Copy of proposed regulations for fleet instructing vessels in port to use arc sets for practice purposes, etc. W At flt copy of regulations 9-24
200652	9/29	To Yards.	Adjustment of calling and working wave lengths for ships equipped with arc radio transmitters. W
203328	10-9	Electrician	Regt data on radio regulations. W Fwd Dept—10/25
204244	8-3	Dept	Radio service to be known as Radio Communication Service; outlines duty of Director. W

REGULATIONS: RADIO

Number.	Date.	From or To—	Subject.	
204926	11/11	To Radio Stations	Instructions re use of "Machinery Index Book". W	
	Fwd Phila--	Fwds 3 copies to. 12/15		
206818	11-16	De Forest Co	Darion reqt 3 copies 12/5 Fwds copy of letter to Commander Todd re proposed regulations; particular reference to regulating undamped wave stations.	864
207061	11-24	M.I.s	Allowance for; understands are on annual basis; Bureau letter refers to quarterly; asks if shall be divided into 4 parts. W	
			To—Allow on annual basis. For present annual allow will not be divided into 4 parts. If deemed necessary, however, Bu reqts comment. 12/7	
207198	12/4	To Nav Com	Rec appointment Officer of Aid for Infor each Naval District. W	
207051	12/4	To Comdts, Dist Com Supt and Stations.	Lists relative efficiency of various stations and districts. W NY complaints of efficiency standard given To NY--Comments on. 12/26	
208774	2-20	Bd on Organization Radio Service	Report of; f.w.s.; approved by Secy July 14, 1916. W	
Sur 22	12/29	To Post	Directs orders be issued to keep a systematic record of equipment and materials at J. I. I. S. A. Y	
210906	1/8	NY	alcohol tank for arc set; present location on upper deck radio station contrary to regulations; recommends special compartment be built for	876

REGULATIONS: RADIO

1915

Number.	Date.	From or To -	Subject.
169510	10-26	NY	Reet new instructions relative to wave lengths, various classes of ships. W
170328	11-5	To Yards-Stations.	Radio wave length assignment; gives lengths for naval ships. W
176207	1-15	To Yards.	N.S.E. Form #74: quarterly expenditures of radio station; fwda. K
177057	1-10	At Flt	Reports on use of shore stations in relaying messages between division of fleet; reet rule as laid down. W To Supt by mail without fwding and 1/25
177347	1-18	At Flt	Operation orders by radio: instructions for handling. W
177518	1-26	New Orleans	GIVES reasons why their yearly allowance of funds should be increased. AW
177465	12-30 1-27	Brooks, E.J.Co S'A	Regulations calling for sealing of radio apparatus on foreign vessels in American ports; propose to furnish tin button seals. W Fwd Operation--1/31
177721	1-22	San Fran Sta	Submits allotments desired for radio sta. W To--Instrns re request for allotments. 2/5

REGULATIONS: RADIO. 914

Number.	Date.	From or To—	Subject.	
181492	3 /3	Supt Radio	TENNESSEE; copy of orders for maintaining communication with while on trip to South American ports	431-6
✓ 188387	5/27	To Various	Radio apparatus not to be altered without authority from Bureau; suggestions for changes welcomed.	
188386	6-12	To Yards.	Inspection and maintenance of shore radio stations; calls attention to Naval Instrns covering. W New Orleans regt additional information 6/16 To New Orleans--- 7/21	
190266	6-16	To Yards-Radio Supts.	Plan for yearly allowance for shore radio stations; make yearly allowance and instrns for charging. W	
		To NY--Rest info on quarterly report of expenditures over allow since 12/19	To Sta-- Fwd's copy above 6/16	
		NY 1/3	Ports regt further info re inspection 6-26	
		To NY--Auth transfer expenditures Aero Sta allotment required 6-24	To Ports-- 6/30	
		Receivers to an expenditure not maintenance allow. 1/8	To Aero Sta--Makes allotments. 7/5	
		To NY Regt statement re expenditures to Yards-- Fwd's forms for reporting quarterly reports of radio expenditures 8/3	To Chasn--Should have enough form MSE 74 to last several years. Regt that this be looked up. Supply here exhausted. 10/13	
		of station at Fire is NY, 11-15	Chasn cancels request 12/20	
		To NY re expenditures at Belmar 11-16	To Pac Coast Com Supt--Instrns. 12/13	
		New York 5:1	To NY--Regt detailed list of expenditures under "Repairs and renewals, \$1,159.92" San Juan Radio station. 12/19	

1915

REGULATIONS: RADIO:

Number.	Date.	From or To--	Subject.	
161790	7-29	To Atl Flt-Yards.	Send station call letters when making test of new radio set in order Bu Standards may distinguish. W	876
164343	8-25	S&A	Proposed accounting system for radio stations on shore. W Retd-- Comments on. 8/30	
164419	8-27	TO M. Is. & Pug Sd VIA Supt Radio	Radio improvements for Pacific Coast; approves estimates. To M. Is.--(R) Wire date completion San Diego and Point Arguello stations. 11/12 M. Is (R) San Diego Dec.1; Pt. Arguello Jan.1 11/12	
164807	8-31	Ports	Fwds copy of letter from District Supt Boston District, to Portland and Ports stations: violation of regulations: stations under control of Ports yard. W Fwd Nav--Recommendations. 9/2	
164973	9-3	To M. Is-Pug Sd-Pac Ct.	Special eng allotments for radio purposes: instructions re. W	
165214	9-3 9-7	Penrose, Hon Boise Dept	Reqt Commercial Radio Traffic Regulations be sent to American Phil Soc. W Fwd Dept--Rec matter be handled by Rad Ser. 9/8	
163343	9-27	SEE CARD #8 To Boat via S&A.	Increase in allowance: Boat: changes allowance. W To M. Is-- 10/4 TO Canal Zone 10-20 no Yards--Reports not rec'd. 2/7 RS from Wash 2/16	

914 REGULATIONS: RADIO:

Number.	Date.	From or To--	Subject.
167726	10-8	To Yards & Stations.	Directs radio personnel be cautioned not to discuss radio tests with civilians owing to certain patent litigation in connection with radio inventions now pending. W To Phila.--Directs Expert Radio Aid Forbs be especially cautioned. 10/9 To DELAWARE--Ditto for Chief Elec Lee. 10/9 To Bost.-- For Lee. 10/11 RB 10/18
168251	10-12	NY	Reports expenditure quarter end Sept 30 for NEW York, Fire Island, San Juan, Sayre, Illa, Colon, Balboa, Darien. W TO NY via S&A will be delayed one quarter 10-19
168689	10-19	TO Yards and Stations	Precautionary measures in connection with are radio installations; in connection handling and stowage of alcohol. Chasn 10/22 RB from Great Lakes 10/28 Guan 10-27 COLORADO 10-28 To Yards-Ships--Further. 11/29 11/12/16

REGULATIONS; RADIO;

Number.	Date.	From or To—	Subject.	
141082	12-3	To Dept Via Nav. (RS)	Organization of Radio Service and of Communication service in general; submit comments on AC	
✓ 142060	12-14	Clark, G.H.	Regrts instructions be issued that will prevent radio officers on vessel removing pamphlets, and books, and making same inaccessible for use of enlisted operators..W	
✓ 145281	1-7 1-21	Cordes, H.G. Pug.Sd	Curves of radio wave lengths; RWCs print of proposed publication; asks if agrees with standard wavelengths adopted by Navy. W. Rwd Pug Sd-- No objection to publication of standard wave lengths. 1/30	
146419	1-27	At Torp Flt	Copy of rules and instructions issued to radio operators.W.	
✓ 146907	2-10	Supt Radio	Reqt test by the U.S.J. NEW YORK to show relative efficiency of 4,000 and 6,000 meter wave length.W. 10--test cannot be made until arc sets are installed on. 2/13	
147867	2/20	Dept	Copy of order regulating sending of Mobilized Naval Communication and Radio Communication	892
✓ 148958	3-3	Kettner, Hon.W.	Rwds request from 8 radio operators, amateurs, requesting that their stations be reopened.W. Rwd Rad Ser-- 3/5 To--Have Rad Ser for action. 3/5	

REGULATIONS: RADIO.914

Number.	Date.	From or To--	Subject.
153405	4-26	Supt Radio	Suggested wave lengths for stations in New England when new station at Boston is put in operation. W. To--ack receipt of. 4/30 To Boston--Gives adjustment of wave lengths. 4/30
153343	4-27	To Yards & Stations	Proposed plan for closer supervision and accounting of expenditures for radio shore stations: fwds. W. To Newport--8/9
✓ 153343	4-28	Newport 8/2 To certain S&A plus meets approval with certain modifications 5-14	To S&A-- Fwds copy for comment. 4/27
		Indian Head 5-14 New Orleans 5-17	Nav Acad 5-7 NY 5-10 NY 5-10 Boston 5-8
		Port 5-13 M. Is 5-8 T S&A--6/22	Phila 5-11 Ports 5-10 Washn 5-11 Narr Bay 5-11
		Guantanamo 5-14 Hawaii 5-13 Cavite 7/17	Pug. Sd 5-7 Kw. West 5-11 Great Lake 5-12
		To Yards--Fwds plans for allowance. 6/17	Arlington 5-14 Chas 5-13 Fwd Key West--6/8 RB 6/14
153876	3-18	DELAWARE	Recommends commissioned officer be detailed to take charge of all high powered radio stations to govern handling of messages, censorship, etc. W
	4-23	At Ft	
157214	5-10	To Yards.	Wave lengths of medium power radio are transmitters; gives meters to be tuned to to transmit on wave lengths. W
✓ 157472	5-18	Supt Radio	Submits table showing great increase in messages handled; suggests rules and methods for preventing congestion of fleet. W
	6-4	At Ft	
✓ 160294	7-8	To Yards.	Radio installation of vessels, examination and overhaul of on arrival of vessels; instructions re. Y-W To New Orleans--Ditto. 3/11
✓ 160392	7-7	Pac Coast Radio Supt	Reqt allotment be made for his office. WK To--Allotment will be authorized. 7/21
✓ 161101	7-16	At Ft	States operation of "Three Atlantic" order greatly reduces interference; recommends be enforced when vessels are 20 miles off shore coming or going. W

REGULATIONS: RADIO

1914

Number.	Date.	From or To—	Subject.	
✓ 118340	2-17	At. Flt	Recommends instructions be issued to shore operators relative to different wave lengths that can be used by ships. W	
✓ 118339	2-17	At. Flt	Standard wave lengths; rect shore operators be informed of new nomenclature. W	
120020	3/8	At Flt R	Radio drill beginning March 9th, program.	493
120693	3/23	At Flt	Copy of circular letter for operation of radio during Spring target practice	493
120710	3/22	At Flt	New instructions re use of wave length shifters, sending messages, etc.	493
121063	3-28	Supt Radio	Proposed general memo of rules governing operation of Navy Radio Stations. W	
VOID— Simply a copy of 122540-914				
✓ 122540	3-28 4-10	Supt Radio Dept	Proposed memo governing radio communication by fleet between vessels of fleet, shore sta- etc. W Lwd Dept—rec. 5/19	
123959	4-22	At Flt	Copy of regulations covering radio switches watches of fleet. W	
✓ 125315	5/18 5/19	Hon. Chas. S. Thomas Dept.	Requests data on regulations governing amateur stations. W To -- for Dept Sig 5-22	
✓ 130526	7-17 7-21	Genl Board Aid for Material	Genl Board criticism and suggestions on memo of Supt Radio as to proposed regulation of Government radio communications as applied to needs in time of war, and Naval and commercial use in time of piece. W. To Aid for Material. returned; request copy of complete corres. 7/24 To Aid for Material; comments; rec appoint- ment of a Board. 8/3	

REGULATIONS: RADIO 914

Number.	Date.	From or To—	Subject.
133708	9-3	Supt Radio	Circular No. 11; new form of instructions for collecting tolls for messages, etc. W
134588	9-2	M. Is 9316	Recommends card system for keeping inventory of material be installed at all radio stations and regulations amended accordingly. W To-- ⁴ prvs plan. 10/22 M. Is submits proposed 11-18
✓ 134607	6-12 7-5 8-10 9-10	At Flt Supt Radio 4269-49 Genl Board 419 Dept	Radio communications; proposed rulings for communicating, handling messages, radio stations and establishment of an office of Communications at Navy Dept. W Fwd Dept Via Ord-- Comments on. 9/25
134870	9-19	Supt Radio	Hand book of regulations for radio service: Reqt Bu direct Mastm to ship a box of by express to M. Is. W Fwd S&A-- Reqt shipping be issued. 9/21
✓ 135522	9-24	Thomson, Hon. C.M.	Reqt publications relative to rules for operating radio apparatus. W To-- Secy's sigl gives information re obtaining. 9/29
✓ 139844	11-16	Supt Radio	Copy of circular letter re collection of tolls commertian messages. W.
139878	11-14	Supt Radio	Copy of circular letter re handling messages for Govn Depts: direct messages never be accepted with charges collect. W.
✓ 14 0955	10/19	Dept	Fwds amendment to radio telegraph regulations as issued by Canadian Government. W

REGULATIONS: RADIO.

1913

Number.	Date.	From or To—	Subject.	
100780	7/3	To Norfolk.	Requests that when reports of inspection of radio stations are forwarded, the action taken by yard on recommendations of insp. Officer be indicated in forwarding endorsements.W	
/-/LL7 101007	7-7	TO Dept	Nav. Instructions 1913; page 534 I, Art. 5251; reqt. amendment; re forwarded desc. of radio installations.K	742
✓ 101424	7-11	Dept	Messages: rules issued that cable address shall be used in sending except where forwarded as domestic telegram.W.	
✓ 101999	7-19	NY 2003-74	Ends print of forms for recording adjustments of radio sets. W	
102249	7-24	Supt Radio	Circular to radio stations stating all movements of vessels on detached service will be sent out at 2:00 AM.W	
✓ 104134	8-16	Supt. Radio	Sending of messages and payment for same; revision, in accordance with London Convention.W	
✓ 105530	9-7	At. Flt 893	Quotes radio regulations issued.W	

REGULATIONS: RADIO: 914

Number	Date	From or To	Subject	
✓ 105711	9-7	At.Flt	Fwds copy of fleet regulations. W	
✓ 107522	10-1	Supt Radio	Circular No. 29, covering multiple addresses for counting words, correcting list of radio W	
✓ 108418	10-11	At.Flt	Copy of special regulation governing radio communication during Mediterranean Cruise. W	
✓ 108556	10-22	At.Flt	Med. Cruise: fwds copy of instruction covering radio work including schedule. W	
108863	10/23	At.Flt.	TESTS, re schedule with ARLINGTON during run to Europe.	903
✓ 109370	10-3	Dept	Fwds corres between War Dept and Supt Radio relative to regulations issued governing wave lengths to be used by Navy to prevent interference. W Fwd Dept endeavoring to expedite 11-10	
110396	11-13	NY	855-66 Recommends new system of wave lengths. W To --- decided to establish new system; recommends comments. 12/2/29 TO YARDS. fwds copy. 12/29.	
✓ 113773	12-29	NY	855-85 Comments on At.Flt suggestions for new system wave lengths. W To --- Comments. 1/3.	

1912

5 ✓

REGULATIONS: RADIO:

Number.	Date.	From or To—	Subject.
✓ 83397	11/23	To 23 VESSELS ✓	Fwds Form #25, "Description of Radio Plant", and requests one copy be filled in and returned as soon as practicable. W
✓ 83661	11-25	At. Flt	Reports on wave length used by Naval Station overheard by UTAH at Chasn. W
84113	12-1	Wilson, W.S.	Reqt. copy of W. (Enc with 84582-914)
84582	12-6	McGuffage, W.J.	Reqt. copy of W. To Supt Radio. 12/13.
85541	12-16 12-19	Chasn Supt Radio S. A	Recommends more frequent inspection of radio stations due to complications in handling commercial messages, etc. W. Fwd Nav. comment. 12/23.
1913			
✓ 88257	1/22	To Simons, M.	Fwds copies. 1/22.
89223	1-27	At. Flt 179	Copy of order prohibiting use of high power radio circuits while power is on deck. W.
✓ 91069	2/6 2/20 2/25	Pug. Sd. Supt. Radio 515-55 Dept.	Commandant 13th Naval Defense Dist. requests that he be authorized to require certain messages from Pacific Coast stations even though stations themselves are maintained by Mare Island yard; Dept states has authority. W To W. Is. Fwds copy of corres. 2/27. Ret Dept. 2/27.

REGULATIONS: RADIO: 914

Number.	Date.	From or To—	Subject.
✓ 91638	3-4	NY;	Wave length adjustments; submits proposed b/p form for reports from individual ships in compliance with regulations. W. To---approves form 29F42-A; disapproves form 29F28-A. 3/6.
91917	3-1	At. Flt	Re use of "Cortnet" in radio signals. W
✓ 93170	3-14	At. Flt.	Recommends coast stations use longer wave length. W Fwd Supt. 3/24 RB 3-2 Fwd At. Flt. 3/7 RB 3-12.
✓ 93238	3-21	At. Flt 575	Submits revised drill schedule for fleet. W.
✓ 99283	5-11	NY 855-19	Recommends new classification of standard wave lengths of ships, shore and portable sets. W To---comments. 5/14.
✓ 99384	6-7	Supt Radio	Circular No. 17: rules for special signalling, abbreviation, unofficial sending, etc. W
✓ 99616	6-11 6-14	NY 855-19 At. Flt 1059	Comments on NY proposed system of standard wave lengths; approved. W
✓ 100377	6-25	NY	New system standard wave lengths. W To---comments. 6/26. NY switch will be comp. early Sept. 8-19
100673	6-20	At. Flt 1145	Recommends letters K and R be omitted from names of standard tunes. W Fwd Radio. 7/2.

REGULATIONS: . RADIO

1912

Number.	Date.	From or To—	Subject.
81171	10-25	At.Flt	Fwds copy of issued to fleet. W.
81473	10-28	Miller, R.F.	Reqt. copy. W. (Enc with 84582-914)
82254	11-8	Culler, J.A. (Miami University)	Reqt. copy. W. To---Fwds. 11/11.
82517	11-12	Troth, R.	Reqt. copy. W. To---Fwds. 11/14.
82599	11-12	Miller, R.F.	Reqt. copy of. W. (Enc with 84592-914)
82664	11-14	Striegel, E.H.	Reqt. copy. W. (Enc with 84592-914)
82667	11/14	To Mayer, J.R.	Fwds copy. W.
82667	11-10	Texas Co.	Reqt. copy. W.
82808	11-16	Nat. Elec. Sig. Co.	Reqt. copy. W. (Enc with 84582-914)
82884	11-15	Flint, C.O.	Reqt. copy. W. (Enc with 84582-914)

REGULATIONS: RADIO: 914

Number.	Date.	From or To--	Subject.
80619		SEE CARD NO. 3.	M. Is. covering, and stations under. 11-15 Hawaii 11-8 To NY. Asks if have motor gen. suitable for NEW JERSEY. -- To NEW JERSEY, changes should be considered a request for repairs. 11/23. Pug. Sd. 11-19 Nav. Acad 11-25 To M. Is. approves changes made at Pac. Coast stations. 11/25. Chasn 11-26 for stations under. 11-26 NY motor generator referred to available for NEW JERSEY. 11-26. PADUCAN 11-14 To Chas. Noted. 11/29. To N. Acad. appr. no change. 11/29. To NEW JERSEY, NY and S&A. Reqt shipment of motor generator. 11/29. Pac. Flt. Reserve. 11-25 To Pug. Sd. via S&A. Leiden jars and racks added to allowances of 12 ships. 11/30. To Pac. Res. Flt. Reqt est. on OREGON. 12/2. NY for ships under 12-4. PREBLE 11-29 STEWART 12-2 WHIPPLE 2-3 To ALABAMA via Phila. Reqt est for alterations. 12/10. To Pac. Torp. Flt. desires changes of radio sets of TDS be held in abeyance. Desires M. Is. inspect and submit estimates. 12/10. PAUL JONES 12-5 Pac. Torp. Flt. 12/12. Res. Torp. Group. M. Is. 12/13. reqt copy. To Res. Torp. Group. Fwds copy of circular letter, instructions. 12/25. To Pac. Torp. Flt. (2) instructions re alterations or repairs. 12/23. TO WISS. Recn. 98. Asks as to necessity for material. 12/24. M. Is. for TDS 12-24 To M. Is. Instructions re WHIPPLE, and one other TSD. 1/11. Newlt Torp. sta. 2/3.

REGULATIONS: WIRELESS:

1912

Number.	Date.	From or To	Subject.
✓ 62983	3/7	To At. Torp. Flt.	Requests Equipment Form #123 be filled in for TBDS. (Description of T.T. Lant). W
✓ 69406	4-29	C&L	Fwds letter to Wireless Inspector, ship, NY directing him to follow Austin rule for operating distance. W
44272		SEE CARD #1	To GULCOA: Calls attention to par. 6th. of 74144-876 of July 29th. B/S. To Cavite, letter of 7/26/11 has been superseded. 6/9.
75645	8/13	To Washn.	Publications for Coast Artillery School; directs fwd certain. L
✓ 78454	9-20	At. Flt	Recommends regulations covering naval shore stations be changed to call for standard calling wave length of 1250 meters. W To--comment 9/23
✓ 78585	9-11	Atlantic Flt	Fwds copy of radio instructions to submit form for recording and sending messages. W.
79312	9-28	At. Flt 1281	For shore stations; recommends instructions be issued for relaying messages thru nearest station instead of trying to send direct. W Fwd Post. Newpt. NY. Phila for comment 10/14. B.B. 12-14 Fwd Supt Radio. 12/14.
✓ 80054	10-9	NY 855-74	Rect. instructions relative to standard wave length to be used for calling, communi- cating and distress signals for Navy Sta. W To--Requirements re NEW HART SHIP E. 10/15.

REGULATIONS: RADIO: 914

Number.	Date.	From or To—	Subject.
✓ 80562	10-14	At. Flt	Recommends change in call letters owing to close resemblance between Radio position, general call and distress signals. W
✓ 80581	10-17	O&L Radio Inspector, New Orleans	Reqt. copy of Navy regulations. W To---Fwds Spe.Order No.98.10/21.
✓ 80656	10-19	Stewart, C.H.	Reqt. copy of Navy regulations.W To---Not yet issued.10/21.
80619	10/21	TO STATIONS: FLEETS: VESSELS.	Changes in radio stations preparatory to handling commercial work; regulations governing. W NY reqt. copy.10-24 Nav.Acad.10-24 To NY.Fwds copies of letter of Oct.21st. 10/26. ALABAMA 10-30 MISSOURI 10-29 Pensacola.10-29 Pac Reserve. Flt/ 10-26 EAGLE 10-30 WEST VIRGINIA; 10-29 Norf 10-30 ARETHUSA Boat (Light Ship 85) 10-8 NEW ORLEANS. 10-31 Pac.Torp. Flo 10-29 Bu notes can only use wave lengths of 1000. 1200 and 1400 meters; will app. to have station inspected.W Approves installation separate aerial. NORTH CAROLINA 11-4 Newport 11-5 Phila 11-4 Boston (Cape Cod, Light Vessel #85) 11-4 Washn 11-6 Bu will supply wave meter. Directs communicate with wireless Spe.App.Co.re repairs to 1-P-76 receiving set.W Recat shipment Donitz wave meter to Newpt.11/8. To New Orleans & N.Acad. Notes.11/8 RE 11-12 Ret Guantanamo.11/12. RB 11-20 To Washn & Bost. Changes appd.11/11. Cape Penlopen.11/8. NY.11/11. To Phila.Note Cape Penlopen.11/13 Shipment of Leyden Jars; changes at Phila. BLRB11-10 appd.1W. Beaufort.11-13 Approves estimate for Beaufort.11/16.Ports 11-16 Colon & Porto Bello 11-11 To Colon. approves rec.11/21. NEW JERSEY11-21
SEE CARD NO. 4.			
	11/1	To Pensacola	
	11-4	TO Norf	
	11/7	To Newpt.	
	11/8	To Newpt.NY,S&A.	
	11/13	To Phila,NY,S&A	
	11/16	To Norf.	

REGULATIONS, WIRELESS.

Number.	Date.	From or To—	Subject.
✓ 45251	7/28	NY 855-38	Covering calling wave lengths; submits prints of aerial inductance covering short length wave, etc.W To—Ald. Directs number be made for installation on vessels; directs furnish other yards with prints.8/11.
✓ 47186	8/24	NY 855-41	Standard calling wave length; reports on status of, of vessels at Yd.W To—Ald. Directs wireless sets. Instructions.8/30. To NY assigns Telefunken Set on NSA recn.189.9/13
✓ 48190	9/8	TO Navgn	Transmits information for Hydrographic Office on recent rules issued to W. Stations in connection with calling wave lengths. messages for merchant ships, etc.W.
✓ 50881	10/9	TO YARD STATIONS.	For airt Hydrographic Office reprint on naval stations and their services to shipping, and table of distances. C Reqt. copies for War College. 10/12 To Narr. Bay. Fwds table of distances/ 10/16.
✓ 50843	10/5	Pac. Flt	Standard calling wave length; fwds reports from various vessels on their wireless installation; states have given orders to make reqn. for wavemeters. W To—Asks if any improvement in gen ral efficiency as result of change of wave length to 600 meters.10/14. Pacific Fleet; Fwds reports from cruisers.11/12 MAILAD 11/13. To—Gives object in estab. new stand. length.12/5. Re.t. data re. W To—fwds data.11/2.
✓ 52452	10/26	Morton, R.A.	

REGULATIONS: WIRELESS: 914

Number.	Date.	From or To—	Subject.
✓ 52902	11/3	C&L	Ask. receipt of pilot chart and regulations and reqt. to be advised of any changes made. W
✓ 53257	11/4	BUFFALO	Requests complete Telefunken 2 kw set to replace one in use, in order to comply with. W 144-6
✓ 55112	12/4	To Washn	"Quarterly Report of Messages": Fwds 200 copies for insertion in wireless log books. W
60040	1/31	To Mare Is. & Puget Sd W	"Recommend changes Eq. Form 123. Description Wireless Plant." Expedite. To YARDS. Requests rec as to revision. 2/1 Chasn. 2-3 BLP 2-9 Newport; Boston 2-6 and for comment and rec. 2/8 Key West 2-5 Norfolk 2-9 Pug. Sd. 2-8 NY 2-10 2-17 Washn. Phila 2-20 Ports: 2-21 M. Is 2-24 Colon 2-23
62279	2/28	To Dept.	Rec. substitution of "radio" for "wireless", and "radiogram" for "wireless telegram" or "wireless message." W
62525	2-29	Dept 12 479-500	Authorizes above. W
✓ 62567	3-1	Dept A. S. 144	Orders use of "Radio" in lieu of "Wireless" and changes names of Cape Elizabeth to Portland, Point Loma to San Diego, Table Bluff to Eureka, Unalaska to Dutch Harbor. W C/L to Mare Is. and Ports. advising of change in names. 3/2.

FILE No.	From or To— (Dated)	Subject	
35226 3/24	Colon	JO. TO BELLO: reat copy of regulations for government of stations for use at:	831
✓ 40422 4/24	Dept	Special order 98: regulations governing control of shore W.T. Stations. W	
	Circular to Yds	Yds form 123 "Description of Wireless Plant" and directs all changes be entered therein as made. W.	
✓ 41045 6/13	To Yards & Stations	Whenever W.T. set is installed in any vessel of Navy. Form 123 to be filled out and copy forwarded to Bureau. W To NY & Norfolk invites attention to. 11/29.	
41045 6/17	Norfolk	Reat "Description of Wireless Plant" W Ret -- two copies fwd. 6/21.	
✓ 44261 7/22	TO M. Is T	Gives wave length to be used for ship and shore stations. W	
✓ 44272 7/25	To Fleets & Ships & Yards.	Establishment of standard calling wave lengths for ships of 600 meters and for shore stations of 1,000 meters. Instructions. W REID-7/29, 1st Lt. 8/4. to Acad. trans former, 3111, directs change from direct to coupled. 1/9	CARD 3
✓ 44861 7/24	M. Is 631	Reports instructions issued re adjusting of Alaskan Stations. W.	



Number.	Date.	From or To—	Subject.	
229016	5-17	G. H. Clark	Ewds report on test with buried wires, as aerials, conducted by him at his house.	875
238455	7-12	Geo. H. Clark	Radio compass: suggested improvements using multiple turning receiving coils.	919
238440	none	Geo. H. Clark	Preliminary report on grounded antenna at transmitter.	975
238439	none	Geo. H. Clark	Ewds reports of experiments of under water radio conducted at New London in 1916.	875
253580	9/29	G H Clark	Method of eliminating atmospheric distur- bances in radio telegraph receivers de- veloped by Marconi Co. by using buried antenna loops, etc.	
255757	10/16	G H Clark	Gives substance of a conference with Mr Vanderwoude, formerly employed by the German Telefunken Co on radio apparatus on German submarines, shore sta, etc.	652
259921	11-7	To G.H.Clark, Belmar	Quotes telegram signed by L.J.Lesh in connection with assistance in securing blueprints. W	918
261078	11-15	G. H. Clark	Reports test of Marconi balanced engine system of static reducing at Belmar Radio Station. W	908
266019	12-3	Geo H. Clark	Recommends continuation of experiments on Marconi static eliminator at some other station than Belmar; recommends Miami; also writes relative to the G E Co's amplifier. W	908
N 538	12-24	Inspr Cincinnati	James Clark Jr Elec Co reports of status of Machine tools. S	629

CLARK'S REPORTS: RADIO.

Number.	Date.	From or To—	Subject.	
278285	1-28	G. H. Clark	Ends weekly report of progress on anti-static devices - W	908
308344	5-14	G H Clark	Recommends inexpensive buzzer outfit on board chasers for testing out circuits	1-2-6
308334	5-14	G H Clark	Reprots on service value of various tubes on 1/2 KW panel sets installed on subchasers	1-2-6
308345	5-14 5-17	G H Clark New London Dist Base	Reprots on necessity for an anti-vibration holder for detector--submits recommendation for design	1-2-6
308347	5-14	G H Clark	Use of small radio receiver on submarine chasers for telegraph communication-submits report on experiments	1-2-6
308346	5-14	G H Clark	Wiring for radio telephone sets-submits report on inspection of and submits suggestions	1-2-6
313106	6-4	G H Clark	Report on preliminary experiments on methods for reducing interference for quenched gap radio telegraph transmitters	908
325685	10/24/17	G H Clark	End report in conn w duty performed in establishing Transatlantic receiving base Belmar	920
334382	8/3	G H Clark	Reports on inspection radio receiving set 562-6	

Number.	Date.	From or To—	Subject.	
186608	4/29	G. H. Clark	Mica condensers; recommends test at Arlington; furnished by the Wireless Spec App Co developed by William Dublier	882-1
186607	4/30	G. H. Clark	Direction finder; gives description of new form developed by the Bellini-Tosi Co in France	898
186650	4/29	Clark, G. H.	Telegraphones; prices submitted by the Telephonograph Co; recommends purchase of instrument for test	909
188090	5/12	Clark, G. H.	Memo relative to radio for submarines	907
188284	5/16	Clark, G. H.	States receivers returned to Washn Yd for repairs generally have vital part of apparatus removed making them scrap material only; request instructions prohibiting any change in or removal of any part of	898
189193	none	(Geo. H. Clark (Memo)	Analysis of bids on schedule 9707, antennae wire for high powered stations	906
190256	6/8	Clark, G. H.	Adverse report on porcelain insulators submitted by Ohio Insulator Co	911
196266	8/10	G. H. Clark	Atl Com Co and Nat Elec Signalling Co suit; heterodyne; sums up possible available testimony and list of witnesses	896-1

CLARK'S REPORTS: RADIO

Number.	Date.	From or To--	Subject.	
199812	9-6	Geo. H. Clark.	500 cycle generators for; describes those used by Signal Corps and those made by the H-C Co. DAW.	918
204412	11/2	Clark	Slaconsett; reports breakdown station.	802
204984	10/24	Clark, Geo. H.	Arc radio transmitter (hysteresis) key developed by Alexander of the GE Co.; reports on	898
208214	11/7	Geo. H. Clark	Development of new type radio receiver by enlisted personnel; recommends Gunner Eaton be allowed to take up patent.	898
209240	12/17	Clark, G. H.	Reports on test of buried wire type of antenna at station of J. H. Rodgers, Hyattsville, Md	875
210503	?	Clark, GH	Experiments for making use of break key for listening in while sending to determine if receiving operator is getting message.W	898
210442	1-1	Clark, GH	Suggest economy in use of paper.	600-1
214426		Clark, G.H.	Domestic Engineering Co; gasoline engine and generators for radio equipment, light-houses, fog horn warning sets, etc; re difficulty in locating Washn representatives, etc	882-3
224848	4-25	G. H. Clark	Reports on inspection of radio set for dirigible at Curtis Aeroplane Co's works	918

1915

Number.	Date.	From or To—	Subject.	
167251	9/26	George H. Clark	Antennae for 30 kw arc sets; recommends test of insulation of	875
166856	9/26	Clark, G. H.	Co-ordination scheme; reqt additional of new class, No. 62; wire conductors	876
167198	9/26	G. H. Clark	Submits estimate for repairing Bellini-Tosi direction finder	898
169144	10-19	G.H. Clark	Wavemeters - methods of calibrating	893-4
169143	10-19	G.H. Clark	Arc wave changer - reports on test of	905
169575	10/25	Clark, G. H.	Reports on test of combined detector submitted by Wireless Spec Co	898
170202	11/3	Clark, G. H.	Report on operation of new type arc control key devised by Dr. L. Cohen	898
170018	11/1	Clark, G. H.	Same re variometer wave changer for arcs	9 05
171157	8/2	Clark, G. H.	Recommends changes in design of combined detector and amplifier in future contracts	898
171158	8/2	Clark, G. H.	Reports on test of Ultra audion returned from Chas	898 121158
173310	12/4	Clark, G. H.	Reports inspection of audion ultra audion cont 184	898
174131	12/9	Clark, G. H.	High powered stations; suggests change in specs to call for additional insulators	911
175656	1/3	Clark, G. H.	Portable radio sets submitted for test under schedule 8876; submits report on	897
178846	2/10	Clark, G. H.	Reports on audion bulbs turned in by New Orleans	898

CLARK'S REPORTS: RADIO.

Number.	Date.	From or To—	Subject.	
180854	1/30	Clark, G. H.	Torpedo notes on Hammond radio control of	791
180867	9/23	Clark, G. H.	Radio aides; gives history of education, etc. of those now employed and recommends sliding scale of promotions; encloses statement from Western Elec Co as to pay of their technical employees	655
182804	3/7	Clark, Geo H.	Submits estimate on present key and estimate for key suitable for station; Darien	851
183343	3, 31	Washn (G. H. Clark)	Spark wave changing switches; G. H. Clark submits proposed improvements and submits print	900
185022	4/15	Clark, G. H.	Reports overhearing curious transmitter sending variations of letter "v"; suggests secret signals; recommends stricter censorship over transmitting key during test as well as regular work	787
185409	7	Clark, G. H.	Recommends employment of H. B. Meissner radio aide at Pensacola	635-3
186357	4/28	Clark, G. H.	Method of eliminating static disturbances in arc and spark receiving and preventing interference when sending with spark sets	908
186374	4/28	Clark, G. H.	Radio towers; suggests method of telephone communication between men working on towers and force on ground	890
186326	4/29	Clark, G. H.	Chauffee arc transmitter; report on	898
186498	4/29	Clark, G. H.	Recommends that sample No. 6 head telephone be returned to Wireless Imp Co	898

1915

Number.	Date.	From or To—	Subject.	
142388	12/15	Tuckerton	Fwds photos made by G. H. Clark for use in his report	891
142524	12/17	Tuckerton	Fwds photos from Clark	891
143894	1/5	Clark, G. H.	Ultra Audion detector cabinets; suggestions for wiring of	898
144646	1/15	Clark, G. H. Co.	Reports inspection of apparatus made by DeForrest AT&TCO 1 and 2 kw transmitting sets, 2 00 watt transmitting telephone set; recommends test of a complete 2 kw set; also that test be made of oscillation portable sets	876
149116	3/8	Clark, G. H. T	Washington Yard design arc relay key; Fuller recommends certain changes in	898
150655	3/19	Clark, G. H.	Marconi high power station at Bolinas, Cal; description of	891
150652	3/19	Clark, G. H.	Federal Co south City station; report on inspection	891
150651	3/19	Clark, G. H.	Interference by South City station with Arlington, San Diego signals; states change on 100 meters by either station will remedy	908
150653	3/20	Clark, G. H.	5 kw arc set mfg by Fed Tel Co and installed on 88 Ventura; reports on construction	876
150654	3/20	Clark, G. H.	New type sending key for arc control, designed by Fed Tel Co for ships use	898
150650	3/19	Clark, G. H.	Reports on test of Cohen type A short wave receiver	898
150635	3/25	Clark, G. H.	Ultra audion and amplifier, Radio T&T Co; recommends changes and improvements	898

CLARK'S REPORTS: RADIO.

Number.	Date.	From or To—	Subject.	
154469	5/9	Clark, G. H.	Choppers supplied with 30 kw are set from Fed Co not required for high powered set; recommends be surveyed and issued to Experimental laboratories	876
156279	5/27	Clark, G. H.	Cohen receiver: M Is reports unfavorable on failure to eliminate interference; recommends At Ft and other yards make reports on	898
156367	6/1	Clark, G. H.	Reports on test of antennas on roof of SWAN bldg; recommends erection of 2 60' masts	615-26
161514	7/23	G. H. Clark	Reports on installation of arc at Chasn	807
161964	7/28	G. H. Clark	Reports on inspecn Chasn	807
162114	7/27	G. H. Clark	Recommendations relative to change of 12 volt ultra audion detector stands to 6 volt type	898
162367	7/29	G. H. Clark	Reports on test of De Forest audion, type 14 A.B., storage battery	898
164123	8/19	Clark, G. H.	Portable mast invented by J. Raas; reports inspection of; worth investigating	890
165631	9-9	Clark	Screw anchor for radio field sets; Col John Firth	897-1
165921	9-13	Clark, GH	Reports on life test audion bulbs	898
166216	9-13	Clark, GH	Portable field radio sets - suggests spec. for motor	897-1
166316	6-1	Clark, G.H.	Wave meters, r. recomds. against certain variables, coupling as suggested by M.C.	893-4
166317	6-8	Clark, G.H.	Schedule 6709 - head tel. sets - reports on	898

1914

Number.	Date.	From or To--	Subject.	
114841	1/11	Clark, G. H.	Heterodyne receiver, fws sketch showing buzzer type developed by J. E. Schell, Chief Elec; recommends be ordered to Wash. to perfect	898
116860	2/4	Clark, G. H.	GEORGIA; reports on radio installation	215-6
117016	2/4	Clark, G. H.	NEW HAMPSHIRE ; reports on, recommends Lowenstein's gap be sent to Wash. Id. for experimental use	312-6
117017	2/4	Clark, G. H.	Gives brief report on Telefunken, N.E. Sig. Marconi and Lowenstein quench spark gaps; recommends employment of Mr. Lowenstein	898
117666	2/12	Clark, G. H.	Recommends wire for antennae of portable be braided	897
118607	2/19	Clark, G. H.	Suggestions for use braided antennae wire for aux aeriels; fws copy of specns used by Signal Corps	875
118605	2/18	Clark, G. H.	Reqd Lowenstein break key be shipped to Wash. Id. for test purposes	898
123350	4/25	Clark, G. H.	Fws translation of an article by Hein on an arc generator and means for producing a musical note	882-3
123739	4/27	Clark, G. H.	Navy type wave changed Mark II; reports on broad tuning of; recommends changes to get high frequency resistance in transmitting inductances	905
125888	5/18	Clark, G. H.	Reports on test of portable radio sets purchased under schedule 5639, contract 19575; sets submitted by National Elec Sup Co, Marconi Co and Wireless Improvement Co	897

CLARK'S REPORTS.

Number.	Date.	From or To—	Subject.	
126877	6/9	To NY	Combined wave changer and oscillation transformer; fws sketch of G. H. Clark's design for criticism	905
128433	5/28	Clark, G. H.	Dubilier apparatus; reports on; photographs, prints, etc	876
128891	6/24	Clark, G. H.	Reports on test of hand and relay keys submitted under schedule 6709	898
131503	7/28	Clark, G. H.	Head telephones submitted by Wireless Dmp Co; reports on test of	898
131504	8/3	Clark, G. H.	Audion; compilation of data on uses of	898
131518	8/4	Clark, G. H.	Patents; requests ruling on expert aids taking out	896
137780	10/22	Clark, G. H.	Horizontal antennae at low height; recommends conducting tests; Mr. Mayer offers services of himself and force; has already been tested successfully in Germany	875
140272	11/21	Clark, G. W.	Reports on experimental antennae at Tucker-ton; recommends by construct one on high ground near station; present test array not satis	875
142060	12-14	Clark, GH	Reqs instructions be issued that will prevent radio officers of vessel removing pamphlets from office	914
142059	12-15	Clark, GH	Bellini-Tosi dir ction finder; prelim report on instru ent to be used at Cape Cod	898
142260	12-16	Clark	Fws report from Mr. Clark on radio set; in regard to tuning of W	146-6

1913

Number.	Date.	From or To—	Subject.	
94920	4/14	Clark, G.H.	Reports on interference test between SALEM Norfolk and Wash to test long distance apparatus at ARLINGTON.	841
97693	5/19	do	ARLINGTON: Rwds data covering all radio tests carried on, on voyage of SALEM from Phila. to Gibraltar and return.	841
97692	5/15	do	ARLINGTON: reports on the radio tests on the SALEM and at Gibraltar.	841
97718	5/20	Clark G.H.	Recommends ~~xxxxxx~~ employment of H.B. Debroot	635-1
97719	5/20	Clark G.H.	Recommends purchase of CALENIA chrystals for use in detectors. Signal corps of ARMY recently purchased large quantity.	898
99223	5/10	Clark, G.H.	BOSTON. reports on adjustment for best wave length for communication with ARLINGTON.	843
99094	6:8	Clark, G.H.	SALEM tests. calls attention to inaccurate statement appearing in Scientific American signed by S.W. Kitner relative to the success of Federal Co. was due to the use of ressenden receiving apparatus.	841
99222	6/11	Clark, G.H.	ARLINGTON: reports loss of a condenser during Arlington-Salem test.	841

CLARK's reports.

Number.	Date.	From or To—	Subject.	
99477	6/14	Clark, G.H.	Amended specs forwarded to-day, recommends including in next proposal.	875
99704	6/17	Clark, G.H.	Are preparing details of standard specs, will attend MARCONI coupling patent suit, suggests orders for himself and Hill to Sayville.	876
100006	6/21	do	Considers section 3 of specs, covering portables satis. Patent suit will require one week.	876
101044	7-7	Clark, G.H.	Marconi vs. Fessenden patent infringement suit; was summary of closing arguments.	896-1
102853	7/29	do	Test and experimental work, recd auth. to employ outside photographer to make necessary photographs, etc.	903
108890	10/10	Clark	PENSACOLA: reports on adjustment of	827
		1914		
114220	1/6	Clark, G.H.	GEORGIA: impossible to operate set on account of deep greeves.	215-6
114739	1/9	Clark, G.H.	New navy type wave changer switch, reports on installation on UTAH, GEORGIA, DELAWARE, WYOMING.	900

1911, 1912, -- 1913

1 ✓

Number.	Date.	From or To—	Subject.	
32967	11/16/09	Clark, Geo. H.	Generating sets, reports on test of copper coated Leyden Jars.	882--1
33226	3/8	Clark	NORFOLK: submits report on re-location	824
38306	5/9	Clark	Tests, reqt auth to adjust antennae of N. DAKOTA, states S. Carolina will send tonight. 1000 meters	903
38353	4/25	Clark, G. H.	RECEIVING & SENDING, reports on test of WIRELESS SPEC. APP. Co. detector, pyrite crystal with flexible contact.	898
44232	7/21	Clark G. H.	PORTS. ready for final adjustment.	832
44668	7/27	Clark	BOSTON: apparatus not yet rec'd	843
46827	8/21	Clark	WHEELING: will adjust aerial, asks if shall wait arrival of apparatus from NY.	478--6
59791	1/11	Clark	KEY WEST: report on Inspection	817
61410	11/6	Clark	APPARATUS, commercial sets, recommends adapting for Navy Purposes.	876
61409	1/6	Clark	TUNE SHIFTER, fwds report on	898
61408	1/6	Clark	TEST, reports results of readin made on board SS Alliance enroute NY to Panama.	903
64191	3/9	Clark	TESTS, fwds report on test of TRANSMITTER wave lengths from MARYLAND to COLON	903

CLARK's reports.

Number.	Date.	From or To—	Subject.	
87553	12/31	Clark.	ARLINGTON: reports on signals received from Federal Tel. Co. arc generator at, and 500 cycle spark set same station.	841
86764	1/2	G. O. ARKANSAS Clark.	Report on signals from ARLINGTON and experimental apparatus Federal Telegraph Co.	
87675	11/7	Clark	Reports on Wireless Improvement Co's 1-4 panel radio set.	876
87464	1/12	Clark	Makes report on installation on ARKANSAS. Key West, sites for Pacific Coast station, H. P. station Panama, Beaufort, and recommends new set for PHAIXA.	876
88758	10/28/12	Clark, G.H.	Murdock condenser, reports on breaking down test, states practically non-inflammable.	882-1
89580	2/6	Clark, G.H.	WASHINGTON recommendations as to status of after ARLINGTON is placed in commission.	840
89936	2/6	Clark, G.H.	Recommends stations be supplied with Cheap receiving sets for listening purposes.	898
94044	4/3	Clark G.H.	ARLINGTON: summarizes radio tests between & Salem.	841

Resistance boxes.

FILE No.	From or To- (Dated)	Subject.	
34017 3/17	Nav. Academy	STRINGHAM & BAILEY: no knowledge of dial resistance boxes being forwarded from Bu. Standards	418--6
35643 4/7	Nav. Academy	BAILEY & STRINGHAM: none on hand	124--6
35724 4/8	To QUEEN & CO.	UNALASKA: reqt price on dial resistance boxes	845
35723 4/7	To Nav. Acad.	BAILEY & STRINGHAM: asks if any more do	124--6
35901 4/10	Queen & Co.	UNALASKA: quotes price & submits description	845
		1912	
		1913	



FORM

1010

1922

Number.	Date.	From or To	Subject.
✓ 447	1/1.		Copy letter to ... giving ... gov. for
609931	2/15	C&R	Copy of letter to Yards rel to ventilation of sound proof booths in radio rooms on battleships. W.
✓ 612582	3/2	Aug. Sd.	Subm estimates cov provision of emergency radio room on NEW MEXICO & IDAHO- MISSISSIPPI W. Aug. Sd. - Copy action to ... 5/2 W. To Pug Sd Estimates a approved cc Pug Sd- C&R CO's MISSISSIPPI- NEW MEXICO - IDAHO 4/6
✓ 613822	3/12 3/13	Pug. Sd. C&R	Instln of e emergency radio rooms on NEW MEXICO ✓ MISSISSIPPI & IDAHO- submits estimates. W. Fwd Dept via Operm 3/23 RB 3/29 W Fwds C&R cc Pug Sd- Pacific- CO's NEW MEXICO MISSISSIPPI IDAHO 4/6 C&R Request action 1/6 C&R - Copy action to Pug. Sd. 4/17 W.

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ROOMS RADIO

1922

Number.	Date.	From or To.	Subject.
647788	9/19 10/26	CO FLORIDA Atl. Fleet	Fwds obsolete sketch rel to eliminating sound proof booths in radio rooms of battle ships.

Number.	Date.	From or To—	Subject.	
544982	2/4	Chasn.	Disposition of radio booths. Chasn. Request action 2/18 W. fwd S&A 2-28 Chasn- Rqst action. 2/28 W	
54				
551278	3/4	Pacif. Fleet	Instln of addtl relay in booths for protecting operators ears- recommendations cov. W.	
555230	3/28	Pug. 3d.	Copy of letter to C&R resting authority to omit sound proof booths in both engine rooms of Destroyers of Div. 22.- 29. W.	
563346	5/24	To C&R	Quoter comments of Col-C from atlantic fleet- on annual report W	493
566432	5/27	C&R	Copy of letter to Yards in conn with ventilation of radio sound proof booths on various vessels ; work on MISSISSIPPI cancelled. W.	
563346	5:14	C&R	In connection with ventilation of main radio rooms on board battleships.	493
572720	5/30	C&R	Copy of letter to Yards rel to ventilation of sound proof radio booths. W.	
593647	10:31	C&R	Copy of letter to yards authorizing work listed in connection with ventilation of main radio rooms on ARIZONA FLORIDA DELAWARE and NORTH DAKOTA. W	
OVER	12/17	Fwd C&R R- copy action to Puf. 3d- copy action to	12/20 W 12/16 W	
			Puf. 3d. Subm estimates. 12/9 W.	

1921

Number.	Date.	From or To—	Subject.
601038	12/13	Pug 3d	Radio Room on destroyers - request instrns 919 cov W
602084	12/23	MI	Arrangement plan of apparatus in auxiliary radio room on destroyers shown in compass bulletin 3-B- 13. It superseded previous plan. Gives Inform 11/31.
593647	PROG OVER		CCR- CO PENNSYLVANIA request install blower in radio room. request instrns. W Pg- 6 CCR 3/3 CCR- Copy action to Ing. 3d. 3/7 D. Pg. 1 Ventilation data for main radio room on board USS PENN. 3243 prints. 1/21 W

ROOMS RADIO

Number.	Date.	From or To--	Subject.	
460903	FROM C.A.D. 9		C&R- Structural details of battery locker giving location for ~~WOMING~~ fws prints W. fwd C'R 4/13 fwd print of battery locker. 4/9 W To C&R. rel instal 8/11	
488747	4/16	Mare Island	Recommended changes in fittings for sound proof booth. W.	
501497	6/24	C.R.	Recommends universal ventilation terminals used in comb with improvement in ventilation of radio sound proof booths on DELAWARE and subsequent vessels.	
OVER	To Pacific Fleet- alterations To provide ventilation 7/1 To Fleet that fws co- operation 7/2		To C&R- as outlined satis to Bur 6-29 Payment of \$30.00 filing fees on patent Re-Patent.	
497028	6-26	To S&A error see 876		
466585	6-25	To C&R	Recommendations with comments on work rec by Fleet. W	876

ROOMS RADIO

Number.	Date.	From or To—	Subject.	
500860	6-28	To Phila-NYS-Union-Bath	Proposed relocation of emergency storage battery. Request dated inform CC C&R	496
501497	FROM OVER		C&R- 3.1m comments. 7/6 W.	
500860	6/28	To Phila-NYS Union Bath Inspir Gramps 7/8 W	Proposed relocation of emergency storage battery. Request dated inform CC C&R	496
/ 509070	7/28	Pug. 3d. c	Fittings for sound proof booth - request information as to dimensions of. W. To Puget 3d- request info rel dimensions 8-12	
531149	11/30	To Oprns via C&R	Removal of benches from main radio room on destroyera. Recs.	496

ROOMS RADIO

Number.	Date.	From or To	Subject.	
457267	11/4	Mare Island	Auxiliary radio room on Destroyers 301-341 class: fws prints suggesting sound proof booth be installed. W. To M- not practical to make installn for reasons given. 11/15	
460903	11/22	Atlantic Fleet	Subm suggestions covering naming of radio rooms on Battleships. W. o. fws Sd. 1-19 fwd C&R 1/27 RE 7/22 W To Puget Sound (T) 1/30/20 To Comt Puget Sd. 1/3/29	
TO CARD 10	12/1	Dept. Operations. 12-24 RE 1/12 Pug. Sd. Structural details of battery locker giving 10- Pug Sd- T- asks where batteries are- 1:28 cation for ROOMING fws prints. 3/19 - A 882-1 & Batteries.		
461555	12/4	C&R	Outlet of voice tube from main radio to auxiliary radio room will be changed to bridge on Destroyers - 1.	496
462445	12/9	C&R	Copy of circular letter regarding soundproof cabin, with voice tube from main radio room to auxiliary radio room - 1.	
462472	12-12	To I.M. Ry	Radio Booths for ARIZONA-PENN- TENN and NEW MEXICO. Advise as to the exact number drawn from store for vessels listed. W N.Y. 12/17	
472354	1/29	To Ports	Alterations in auxiliary radio rooms on DESTROYERS. Reqs plans. W.	496

N.S.E. Form 134.
ROOMS: RADIO

Number.	Date.	From or To—	Subject.	
474563	2/6	Shipping Board	Fwds copy of letter from Radio Corpn of American station battery rooms are not properly protected from water W	771-2
✓ 477205	2/19	Dept	Communication office on Board TENNESSEE Fwds correspondence in conn with authorizing w. such instr. Fwd C&R 3/8 To Im NY 3/8 C&R- Copy of action to N.Y. 3/10 N.Y. 4/9. L	
479128	2/26	Pug. Sd.	Request print showing arrangement of radio compass and emergency transmitter in auxiliary radio room on Destroyers, be furnished. To Cdt Puget Sd 3/5	W.
484861	3/31	Pug. Sd. (T)	Drawings RB-7-F-159 - request authority to make changes in, in order to provide access booth entrance fittings and wave meter To Puget Sd (T) 4/1	W.

ROOMS: RADIO

Number.	Date.	From or To--	Subject.	
423264	5:23	CO DEL	Battle Ship Force 3 -location of radio room on battle ship now with fleet, sub report cov.	W
426089	6/28	Fwd Dept via Ord and Operations.	Relocation of after 4" gun. Radio Telegraph. W. Destroyers 22 to 74:	496
428764	6/19 6/25	NO Y&D	Bu type plan number 1 for radio compass house, fws prints with comments as to correction of Grand Isle and Pass A loutre compass stations be erected in accordance with station plans. W. Fwd Y&D 6/30	919
438575	8:7	Norf	Arrangement of sound proof booth, fwd prints. W	
441949	8/26	Atlantic Fleet	Proposed installation of fire control in radio room Req info covering W L	647
455039	10/26	To Phila:	Desires standard plans be adhered to, rel to main radio room on destroyers and no charg units be installed in aux radio room for charg vac tube batteries. W	898

Number.	Date.	From or To--	Subject.	
✓ 446586	9:11	Atl Fleet	Proposed change in stand plans of booths, provide lower blowers. W fwd O&R 10/6 RB 10:16	
✓ 447252	9:10	Porto Rico <u>920-4</u>	Reqst details of chauffeur or truck driver. W	
✓ 447348	9:16 9:24	San Juan COM <u>940-4</u>	Recs selection of site for remote control station and erection of same. W	
✓ 453580	10:23	Phila	Reqst vandykes of auxiliary radio room, radio compass and emergency transmitters for destroyers. To Phila fws drawing 10/25	W
454341	10/22	Pg Sd	Reqst auth to instal in main radio room of VIOLING AIRLINES NEW YORK and T.S.S telescoping voice tube out lined. WL.	W26

Number.	Date.	From or To	Subject.
570713	11/22	To J. L. ... ts, Managers Lamers, Commanders.	... re-arrangement of will ...
386353	1/17	C&R	Arrangement of radio room on sub feds prints W 96
378818	12;18	Maza Acoustile Co	Gives new descrip of new type of sound proof radio booths.
394514	2;11	Maza Acoustile Co	Sug all remaining instal of sound proof booths be made by workmen who are familiar with same.
394515	2;11	Maza Acoustile Co	Req at least one workman be present at instal of sound proof booths at Wash. D.C. To ... States that Contr. suggests to send a representative to Wash. re-installation of booth To ... ask Mazer Acous Co send rep to Wash n 3-7

Number.	Date.	From or To--	Subject.	
400505	3:7	C&R	Destroyer 22 - 68 instal of radio comp house and auxillary radio room. work in con with will not be undertaken pending further instruc.	I
403554	3:17	Phila	Radio tel coil house. fws prints.	W
403612	3:17	Norf	Arrangement of radio room destroyers 45 and 73. fws prints.	W
399499	3/14	To C&R	Gives statement as to standard requirements of size and location of various radio rooms and spaces on principal classes of naval vessels. W.	876
411152	4:15	MI T	Req plans of navy standard radio proof booth. To MI-fws vandyke. 4:26 W	W
420137	4:26 5:21	Phila C&R	Reqsst designate quantity of each size of rafts which should be held in stock. excess number to be shipped to Charleston for dead storage. fws SCA 5-25	W

Number.	Date.	From or To—	Subject.	
241019	7-27	U.S. Shipping Bd.	Fwds copy of general instructions to District Officers #1, in connection with radio rooms; gives title of district officers, etc; in connection with carrying on of correspondence.	711-2
242523	8-7	To C&R	Radio rooms. Reqt enlargement to accommodate 1 kw radio radio sets on 3rd floor. ~~W. L. LE, PERRY, and W. C. & R. P. L. S.~~	496
26642	7-27	M Is.	Hair felt and asbestos hair felt for radio room insulation in dog's boxes; recommends increase quantity under contract.	629
243163	8-1	Amer Ship Bldg Co.	Radio rooms- fws print of.	19-1-5
247060	9/1	To C&R	Quotes from Quarterly report in connection with necessary repairs on the bridge decking and bulkheads, to insure watertight integrity of the Radio Room, and reqt work be undertaken.	508-6
247480	9/5	To C&R	TEXAS. Break in fire main in radio room. Advisable not to have any water pipes passing through radio room.	876
243181	10/9	C&R	Fwds copy of circular letter containing latest instructions for insulation of radio room.	474-6
264982	12-4	To NY (2)	Standard arc room not suitable because new type arc apparatus. Arc Room must be changed to conform drawing BY F 121.	554-6
278870	2-2	NY	Type plans radio room - fws prints.	876

ROOMS RADIO.

Number.	Date.	From or To—	Subject.	
292450	3-26	To C&R.	Dat on size of standard English radio rooms. Fwds rough sketch of. W.	852.
315671	6/8	Phil	Confirms telephone conversn rel to arrang of radio room on destroyers.	876
316547	6/12	Atlantic Flt	Recommends work of planning and estimating in conn w authorized changes of antenna ameter sets enlargement of radio room etc be completed prior to arrival of ships at navy yd.	876
31710	6/18	On 26 vessels listed	Plan blueprint for re-arrangement of radio room	876
31710	6/18			876
31710	6/18			876
31710	6/18			876
336149	8/10	C&R	Proposed arrangement of interfleet radio room in commn; tower foundations-fwds prints with comments	563-6
353195	9/30	To Phila	Re arrangement of apparatus in interfleet aux radio room W	876

Number.	Date.	From or To -	Subject.	
176405	12/16	WYOMING (Personal)	Sound proof deck radio station; states worthless on account of doors being opened; only satis argt sound proof booth within radio station	488-6
177417	1/26	Pug Sd	Arc type radio station; shore; reqt plans	876
174958	12/30	To C&R	Gives requirements for	876
179894	2/17	Boat	TBDS; submits estimate for changes in radio rooms and installing instruments in connection with installing wave changers	496
180923	3-9	To C&R.	Ventilation of radio stations; re removal of pipes given off from leyden jars when apparatus is in full operation. W	408-6
182654	3/24	Phila	Proposed plans ventilating radio rooms; TBDS	496
184330	4/4	Pug Sd	Unarmored cruisers and gun boats; standard argt radio rooms; fwds vandyke	876
184443	4/6	M Is	MARYLAND, SOUTH DAKOTA & PITTSBURG; arc radio sets; submits plan and estimate for enlarging radio rooms	280-6
186803	5/4	C&R	TBDS; ventilation of radio rooms; copy of letter to Phila	496
187088	4/29	Pu G Sd	Reqt specifications for ventilating set provide for sets required for radio rooms	643
187004	5/6	NY	Request standard plans of radio rooms for TBDS as basis for drawing up standard plans for installation	876

ROOMS: RADIO.

Number.	Date.	From or To--	Subject.	
187767	5/12	C&R	Ventilation of radio rooms of large vessels; recommends that 6 or 8 vessels be selected for trial installation	876
188046	5/12	Phila	Destroyers; ventilation room; radio	496
189802	6/7	To Ships	Radio arcsets; if soundproofing in the upper deck station is inadequate forward sketch showing desired installation of a soundproof booth for	876
193696	7/14	Boat	TBDS; ventilation of radio rooms; recommends where trouble is experienced, could be placed over condensers and pipe to ventilating set of radio room	496
196479	8/14	To Y&B	Submits points brought to Bu's attention in connection with design of battery room for radio stations, particularly station in tropical locations	913
197229	8/19	Phila	TBDS; radio room ventilation; reports on	496
212280	1-15	Pug SD;	Fwds vandykes arrgt radio room on gun boats; Lovenslein apparatus.	876
213515	2-6	To Atl Flt	Reqt info as to specific battleships not at present equipped with an auxiliary radio room and for which such a room is recommended.	376
214647	3/23	Fwd C&R	Rec radio rooms of PAULding MCCALL WARRINGTON TRIPPE BENTLEY BOON TOLLY DUTRO'S MAYRANT AMETT ROE PERKINS & WALKE be enlarged.	115-6
229551	5-21	C&R	79 to 92 and 95 to 112 radio room; furniture in; fws ~~work~~ plans.	79-Q-6

1914

Number.	Date.	From or To—	Subject.	
114184	12/20	At. Fleet	Re location of radio stations on BS below water line behind armor, rect be done at next overhaul period.	876
114367	12/27	NY	Reports result of test to determine best location for radio station on vessel.	321--6
116996	2/6	To Bost	Guy Hill detailed in connection with plans for battle radio stations for ships re-pairing at Boston.	635--2
117891	2/17	Bost. T	NEW JERSEY: Space selected for battle radio room insufficient floor space and head room	313-6
120621	3/18	NY	Sound proof receiving booths in radio room; recommends no further expenditure; rect trial booth be erected in noisy shop in yard for test purposes.	131-6
121755	4/3	A T Torp Flt	Radio rooms on TBDS : reports defective ventilation and sketch of scheme for improving	496
126414	6/3	NY	TBDS 51 to 56; fws print showing size of radio rooms.	539-6
155617	5/17	O'BRIEN	Rect that radio station similar to NICHOLSON be installed Phila; recommends take up question of the relocation of radio rooms on this class	539-6

Rooms; wireless

Number.	Date.	From or To—	Subject.	
156002	5-25	At Flt	Radio booth on bridge not considered necessary except for flag ship (MINNESOTA)	290-6
157318	6-10	TO C&R	TUCKER & class; recommend enlargement of	545-6
158693	6/21	C&R	O'BRIEN & CLASS; radio room; fwds plans	539-6
158910	6/14	O'BRIEN	Enters complaint of undue amount of wood used in sheathing radio room, quarters and mountingeled conductors and fittings; applies to all vessels of class	539-8
159200	6/30	TO NY	Inform Bu as to size of radio room considered necessary for installation of a 15 kw radio arc set of shipboard	876
159732	7/6	Phila	TBDS 62-68; amount of floor space required for installation of 5 kw sets	567-6
158659	6/22	To Phila	TUCKER; TBDS 63-68; state amount of floor space necessary for installation of 5 kw sets with duplicate motor-generator and receivers	538-6
161675	7/29	O'BRIEN	Radio room; construction of; general recommendation relative to from divisions of fleet	539-6
169085	10/22	Phila	Standard plans; fwds vandykes of arrgt radio rooms on TBDS, etc	876
169235	10/23	NY	Coordination plans, radio; reqt class be assigned to cover radio rooms and general location plans .w	876

1913

Number.	Date.	From or To--	Subject.	
94081	3/22	C.O.	WARRINGTON: reqt room be shifted	473--6
95791	3/18	C.O.	WARRINGTON: re-location A-22 compartment	473--6
96054	4/6	C.O.	MONAGHAN: relative to change in location of radio room	298--6
96148	4/25	NY	DRAYTON: relocation of	192--6
96145	4/25	NY	McCALL: do	269--6
96147	4/25	NY	PAULDING: do	337--6
96146	4/25	NY	PERKINS: do	346--6
96143	4/25	NY	STERETT: do	411--6
96144	4/25	NY	TERRY: do	432--6
96267	4/25	NY	MAYRANT: relocation in ship's wash room	284--6
96268	4/25	NY	ROE do	381--6
96256	4/25	NY	WARRINGTON do	473--6
99111	6/10	NY	UTAH: test for best location of radio room, in progress, recommends no changes until completion of.	876
100892	7/3 7/3	Asiatic Fleet T Dept.	ABARENDA: reqt authority to locate radio room in superstructure; present location too hot.	100-6

ROOMS: WIRELESS:

Number.	Date.	From or To--	Subject.	
102052	7-15	NY	Reports results of experiments for best location of radio rooms, length of aerial.	876 cc
103676	8/1	C&R	TEXAS: re-location of armory & room.	132--6
105015	8/23	NY	NEW YORK: radio room, recommends be not installed until after test on FLORIDA.	131--6
108819	10/26	At. Flt.	Result obtained on Florida test warrants re-locating radio rooms on all BS below water line and raising mast.	876
109754	2/19	C.O.	Radio equipment, report of Board for, suggested changes in location room and aerial.	321--6
109691	11/5	At. Tor. Flt	TBDS: recommends changes in radio rooms, and general changes in radio installations	496
110840	11/20	Best	GEORGIA: Radio room, recommends changes in location.	215--6
111709	11/29	NY	NORTH DAKOTA: states station located half way up cage mast increases intensity of signals.	321--6

1914

FILE No.	From or To-- (Dated)	Subject.	
36650 4/20	C&R	TBDS 43-50: submits plans of rooms: arrgt.	440--6
37516 4/28	NY	ALABAMA: fwds prints	107--6
38303 5/2	NY	CULGOA: relative to changing location of: and installation of 5 kw set	172--6
45391 7/21	C.O.	RHODE ISLAND: battle wireless station: suggests using part of armory	377--5
51366 10/16	Norfolk	SAN FRANCISCO: Fwds prints showing arrgt.	389--6
		1912	
71637 6/17	CO	PRESTON - asks for change of location	362--6
71894 6/10 6/21	San Juan NY	SAN JUAN: Request sound proof booth for operating room.	835
77767 8/26	C.O.	MONAGHAN: relocate	298--6
78268 9/5	C.O.	AJAX: new location	106--6
		1913	
88307 1/21	Chas	PRAIRIE, recommends change in location of:	360--6
90811 2/18	C.O.	Radio room, recommends re-location, fwds print	313--6



ROOMS, wireless.

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FILE No.	From or To-- (Dated)	Subject	
28566 1/5	Chas.	L H. V. #53, requests consideration re submitting estimates for wireless room & 6	678
28871 1/10	C&R	ALABAMA: proposed location of: prints	107--6
28908 1/6	Ports	MAINE: proposed location: print of: Regt action taken be made to apply to MISSOURI & OHIO	274--6
30217 1/27	C&R	WISCONSIN: prints on location	484--6
31361 1/30	NY	ALABAMA: location of: Points out objection to space selected	107--6
31654 2/7	Ports	MAINE: submits prints of proposed location	274--6
31709 2/14	C.O.	BAILEY: recommends dimensions of room be increased	124--6
31828 12/29	C.O.	NEW JERSEY: fwds prints & recommendation re location of	313--6
31881 2/16	C&R	OHIO: fwds correspondence & prints relative proposed location of: and its conflicts with location of ice machine	323--6
32623 2/28	Norf.	BAILEY: regt auth. to substitute wooden for steel wireless house	124--6
33082 3/4	Wash	WASH: enlarge transmitting room, submits diagram	840
34330 3/14	Norf.	S. Carolina: relative location of:	407--6
34491 3/17	C.O.	KANSAS: recommendations re location of	255--6
35330 3/20	Norf.	INDICTOR: Mars, Vulcan: submits estimates and recommendations rel to location of wireless rooms	228--6





SECRETY:RADIO

1919

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Number.	Date.	From or To—	Subject.	
437 378942	12/21	To Director Nav Com	Fwd's copy of let sent to commercial firms removing the secrecy in U.S. use of radio To Dir Nav Intell ditto 12/21	876
459963	12/4	To Opr via Com Copies Fleets Direc Com Intell	Radio telegraph. Visitors not to be permitted visit radio rooms of naval vessels not be given info in re to radio installn or opr methods. East C&R issue instructions changing lenses in radio rooms to prevent light from outside W	914
167726	10/8	To Yards & Stations	Directs radio personnel be cautioned not to discuss radio tests with civilian owing to certain patent litigation in connection with radio inventions now pending. W	914

Number.	Date.	From or To—		Subject.		
654616	12/23	1761	Boston	Inspr machy Todd	material	4-C-6
654617	12/23	1762	Washn	Todd	material	4-C-6
654678	12/27	1786	Washn	CO Hamp Rds	equipment	918
654403	12/23	1760	Washn	CO	Transformers	918
640843	12/27	1789	Brook	NY	coils	223-6
654186	12/27	1788	Washn	SO Tutuila	material	846
654186	12/27	1787	MI	SO Tutuila	batteries	846
654246	12/27	1750	Norf	SO Washn	receiver	898
653526	12/28	1793	Washn	CO S-51	Tubes	162-0-6
640843	12/28	1790	Norf	CO	transformer	223-Q-6
654686	12/28	1795	Phila	SO NY	Amplifier	241-Q-6
654333	12/27	1801	Brook	CO	tubes	533-6
653870	12/28	1791	MI	CO	material	562-6
654928	12/28	1802	Brook	CO	voltmeters	592-6
647356	12/28	1792	Norf	Hamp Rds	material	707-11
652317	12/28	1794	Phila	Washn	material	898
654247	12/27	1755	Anacostia	Delauriers Column Co	Fan	918
655131	12/30	1808	Washn	SO NY	Insulators	46-2-6
655129	12/29	1800	Washn	SO Eng Snd	material	4-C-6
654753	12/30	1809	MI	CO	batteries	131-6
653996	12/30	1805	Washn	Boston	material	182-6
654883	12/30	1804	MI	SO Eng Snd	Condensers	627

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Number.	Date.	From or To—	Subject.	
653234	12/30	T807 Annapolis	TO Boston	micro lines 797
655396	12/30	1815 Phila	SO Washn	Transformers 918
654930	12/30	1803 Washn	SO Annapolis	material 797
654929	12/30	1806 Washn	SO Key West	Transformers 817
655097	1/2/23	1826 Washn	CONDENSER	Condenser 321-6
655096	1/2/23	1819 Norf	CO	spark gap units 455-6
655096	1/2/23	1818 Phila	CO	material 455-6
655096	1/3	1830 Washn	CO	material 455-6

Number.	Date.	From or To--		Subject		
652807	12/11	1692	Washn	SO NY	material	46-B-6
652650	12/11	1691	Washn	SO NY	material	121-6
652808	12/11	1693	Washn	SO NY	material	488-6
652793	12/11	1694	Brook	NY	motor generator	882-3
648018	12/4	1424	Annapolis	Insp'r machy NL	Microphone line	123-0-7
653118	12/12	1696	Phila	CO	battery	321-6
653120	12/12	1706	Boston	SO NY	Insulators	488-6
652746	12/12	1697	Washn	CO	Buzzer	495
653121	12/12	1707	Boston	SO Phila	Spare parts	797
653229	12/12	1708	Boston	ND	Compensators	797
652917	12/11	1695	Washn	SO Norf	Rheostats	824
652793	12/11	1694	Brook	Dubilier Cond Co.	Motor Generator	882-3
652667	12/12	1705	Washn	SO NY	tubes	898
652791	12/11	1687	Washn	C Francis Jenkins	tubes	898
627979	12/13	1711	New York	Hamp Bds	amplifiers	455-6
653230	12/13	1709	Boston	M.I.	Compensators	797
653232	12/13	1710	Boston	Annapolis	Compensator	797
653234	12/13	1713	Annapolis	Boston	Microphone lines	797
653234	12/13	1714	Annapolis	Phila	Sound matl	797
653243	12/13	1715	Wash	M.I.	Transformers	904
653237	12/13	1716	Wash	Atl Fleet	batteries	918
653238	12/14	1718	Washn	SO ports	Spare parts	69-771

RADIO SHIPMENT REQ ESTS

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Number.	Date.	From or To—		Subject.		
653253	12/14	1719	Washn	SO NY	spare parts	80X-21
653524	12/14	1725	Washn	CO	spare parts	367-6
653121	12/14	1717	Washn	SO Norf	spare parts	515-6
653525	12/15	1728	Washn	Inspr N L	Tubes	136-0-6
653626	12/ 15	1729	Washn	CO	tubes	162-0-6
646000	12/15	1826	Phila	SO P H	equipment	171-Q-6
646000	12/15	1727	Washn	P H	reag systems	171-Q-6
651635	12/18	1733	NL	SO Ports	material	135-0-7
651635	12/18	1740	Boston	MI	Equipment	135-0-7
653822	12/18	1741	Washn	CO	Buzzer	455-6
653985	12/19	1742	Washn	SO NY	material	898
651765	12/18	1732	Annapolis	San Diego	Helmets	918
653996	12/20	1743	Washn	SO Boston	Material	182-6
653755	12/18	1730	MI	SO Cavite	tubes	497
653756	12/18	1731	MI	SO Cavite	tubes	497
654128	12/22	1747	Washn	SO Phila	Equipment	918
654398	12/22	1757	Phila	Scouting Fleet	tubes	918
654127	12/22	1746	Washn	SO Annapolis	Material	920-1
654400	12/22	1759	Washn	SO Ports	Insulators	105-0-6
653996	12/21	1756	Washn	CO DEL AWARE	resistance units	182-6
654164	12/21	1758	Phila	CO NY	material	488-7
56303	12/22	1745	Washn	Hammond Radio research lab	tubes	629
654245	12/22	1749	P H	SO Washn	Amplifiers	918
654245	12/22	1748	San Diego	SO Washn	Amplifiers	918

Number.	Date.	From or To—		Subject.		
651682	12/1	1619	Boston	Phila	material	918
651765	12/1	1622	Anacostia	CO Sandiego	helmets	918
646512	12/1	1624	Anacostia	Garden City	boxes	1207
641366	12/1	1618	Chasn	Guam	Transformers	813
641366	12/1	1617	Phila	"	"	"
651770	12/4	1644	NY	Anacostia	Theodelite	919
"	12/4	1643	"	Fug Snd	"	"
"	12/2	1631	"	LI	"	"
"	12/2	1626	"	Karf	"	"
"	12/2	1627	"	Chasn	"	"
"	12/2	1628	NY	Key West	"	"
"	12/2	1629	"	NO	"	"
"	12/2	1630	"	SO 9 Dist	"	"
651992	12/4	1646	Washn	Paris	Poitiers	493
651883	12/4	1648	Washn	CO	Receiver	498-6
651920	12/4	1645	Washn	Guam	Apparatus	613
651961	12/4	1647	Washn	SO rerts	tubes	898
651968	12/4	1649	Phila	SO Washn	Tubes	898
651966	12/4	1625	Phila	Squad 1	material	918
50719	12/6	1661	Hamp Rds	CO	see shipreqst generator	198-8
651883	12/4	1650	SO	SO Washn yard	receiver	498-6
647357	12/5	1655	NL	NY	Transmitters	135-0-6
649417	12/5	1661	FR	NY	"	153-0-8
652192	12/6	1658	Phila	SO Boston	batteries	102-Q-6
646000	12/7	1675	Washn	SO I H	Amplifier	171-Q-6

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Number.	Date.	From or To—	Subject.	
650070	12/5	1652 Washn	NY insulators	455-6
643420	12/6	1657 Norf	SO NY cells	771
652317	12/6	1660 Phila	SO Washn material	898
652452	12/8	1675 Washn	SO Ports tubes	115-0-6
651635	12/7	1656 Boston	SO Ports equipment	135-0-7
652453	12/8	1677 Washn	Inspr machy FR tubes	157-0-6
6 44340	12/8	1678 CO	CO% F. L. NY Receiver	288-0-6
651091	12/7	1671 Washn	CO Receiver	508-6
6 54021	12/8	1681 Boston	SO Phila Compensator	629
631287	12/9	1682 Washn	SO Great Lakes batteries	707-11
6 590939	12/6	1676 Washn	3rd Dist Apparatus	254-771
643275	12/8	1679 Phila	Annapolis microphone lines	797
643276	12/8	1680 Phila	Annapolis material	797
577773	12/7	b 1673 Phila	Washn ammeter	851
577773	12/7	1669 Washn	Balboa Ammeter	851
633336	12/7	1670 Breck	SO + H Ammeter	876
638682	12/7	1672 Phila	4th Dist material	876
652316	12/6	1659 Breck	San Diego telephones	902
652648	12/9	1682 Washn	San Diego tubes	918
652649	12/9	1685 Anacostia	San Diego transmitter	918
652804	12/9	1688 Washn	CO equipment	918
652805	12/9	1689 Phila	CO Equipment	918
652806	12/9	1690 Phila	CO Equipments	918
652449	12/7	1674 Ny	Porto Rico meter	920-4

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Number.	Date.	From or To—		Subject.		
649879	11/18	1580	Brook	Fug Snd	material	919-58
650070	11/21	1561	Washn	SO Boston	insulators	455-6
650317	11/21	1550	Boston	New London	Compensators	797
650122	11/21	1562	Washn	Quantico	Transformer	918
650319	11/21	1564	Guam	SO Phila	Receiver	918
650320	11/21	1565	Guam	SO Washn	Amplifier	918
650321	11/21	1566	Washn	CO Guam	Amplifier	918
Phila Req.	50176	11/20	1548	SO Phila	batteries	Rqn
619719	11/24	1579	Phila	Boston	Transformers	369-6
643209	11/23	1570	Pt Isabel	SO Washn	Amplifier	747-9
650118	11/21	1563	Phila	Coco Solo	material	797
650765	11/24	1578	Washn	CO	Equipment	699-771
645512	11/24	1580	San Juan	MI	Tone trap	830
650654	11/23	1569	Washn	Hamp Rds	tubes	918
650655	11/23	1568	Philaz	Hamp Rds	Transmitters	918
644523	11/27	1589	Brook	SO Pensacola	Insulators	736-38
644523	11/27	1588	Pensacola	SO Brook	Insulators	736-38
643276	11/27	1586	Phila	Annapolis	lines	797
650658	11/23	1571	NorF	SO Boston	Compensator	797
644054	11/27	1593	Washn	NY	Insulators	911
649961	11/24	1582	Phila	Dayton	Equipment	918
649961	11/24	1581	Phila	Garden City	Equipment	918
650660	11/23	1573	Phila	Pensacola	material	

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Number.	Date.	From or To—		Subject.		
650670	11/27	1590	Washn	S Phila	Material	919-10
640800	11/27	1587	Washn	SO Phila	arc key	45-B-6
650763	11/23	1576	NY	SO Tug Snd	batteries	4-C-6
650324	11/24	1567	Washn	Insp machy Todd	equipment	5-C-6
643955	11/27	1592	Washn	Beth	material	7-C-6
650659	11/23	1572	Phila	Insp machy Gramps	batteries	9-C-6
650661	11/23	1574	Washn	Gramps	panels	9-C-6
650662	11/23	1575	phila	Gramps	batteries	9-C-6
647557	11/24	1584	Boston	NL	material	135-O-6
647357	11/24	1585	NY	NL	material	135-O-6
647357	11/24	1583	Breck	NL	Transmitter	135-O-6
649878	11/27	1594	Phila	SO Ports	Amplifier	135-21
650659	11/28	1597	Phila	Gramps	batteries	9-C-6
649912	11/27	1595	Washn	SO Boston	equipment	22-6-6
646419	11/27	1596	Phila	SO Chasn	batteries	22-S-8
646419	11/28	1598	Washn	Chasn	material	22-S-8
651472	11/29	1599	Breck	CO	material	498
54204	12/1	1623	Anacostia	Moceek Field	Boxes	629
651580	12/29	1601	Washn	Boston	material	797
651701	12/2	1621	Nerf	SO Boston	code practice set	898
640895	12/1	1620	Washn	Boston	Insulators	911
651679	11/29	1600	Washn	Bu Standards	loud speaker	916
650764	11/29	1577	Phila	Pac Fleet	radio sets	918

Number.	Date.	From or To—		Subject.		
649012	11/11	1481	Norfolk	Washington	receiver	898
648675	11/11	1477	Phila	Pensacola	meta s	19-N-6
649008	11/11	1479	NY	HENDERSON	telegraph set	511-6
649412	11/14	1487	Washn	SO F H	Insulators	88-0-6
648567	11/14	1496	Washn	CO	receiver	576-6
644528	11/14	1495	Phila	San Diego	material	707-11
646905	11/15	1491	Washn	CO	buzzer	876
610982	11/15	1490	MI	Washn	Receivers	898
649316	11/16	1499	MI	SO Washn	Receivers	2-E-6
649316	11/16	1501	Washn	CO	Receiver	2-F-6
649570	11/16	1505	Phila	Coco Solo	Ammeter	102-0-6
466585	11/16	1506	Cavite	Uniona	Transformers	495
648927	11/16	1502	Washn	Annapolis	Test Set	797
649419	11/16	1504	Brook	Hamp Bds	Telephones	902
647357	11/17	1511	NL	SO Ports	Transmitter	135-06
649696	11/17	1513	NL	SO Washn	Receivers	139-0-6
649746	11/17	1512	Washn	SO Phila	panels	1-F-6
649876	11/17	1507	Washn	Europeana Waters	Transformers	218-Q-6
649844	11/17	1517	NL	CO	Amplifier	7-X-5
649645	11/17	1518	Phila	CO	battery	7-X-6
649874	11/17	1516	Washn	CO	buzzer	488-6
647714	11/17	1514	Washn	San Diego	Equipment	510-6
649875	11/17	1515	NL	CO	Amplifiers	510-6

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Number.	Date.	From or To—		Subject.		
647356	11/16	1508	Norfolk	Hamp Rds	material	7-7-11
644337	11/18	1528	Washn	Balboa	material	793-8
644337	11/18	1527	Brook	SO 15 Dist	Amplifier	793-8
649975	11/18	1524	Porta	SO Cavite	Amplifier	806
649977	11/18	1525	Chasn	SO Cavite	Amplifier	806
649978	11/18	1526	Chasn	Cells	Amplifier	806
646905	11/17	1500	Washn	CO FLORIDA	Buzzer	876
614592	11/16	1510	NY	SO Boston	Thesdelites	919
614592	11/16	1509	NY	SO Phila	*	919
649880	11/18	1519	MI	SO Pug Snd	material	919-59
649913	11/20	1532	Boston	SO Washn	Receiver	327-Q-6
649913	11/20	1531	Washn	SO Boston	Receiver	327-Q-6
626380	11/21	1558	MI	Phila	Gear	8-Ts-9
649882	11/18	1521	Norfolk	SO Washn	material	797
649973	11/18	1522	Annapolis	SO Washn	material	797
649974	11/18	1523	Phila	SO washn	material	797
645378	11/20	1530	Pug Snd	CU	batteries	882-1
650066	11/20	1547	Washn	Navl Obs. Washn	material	898
650065	11/20	1546	Washn	Phila	Transformers	904
649891	11/20	1534	Washn	CO	Receiver	1661-K-6
649882	11/18	1521	Norfolk	SO Washn	material	797
649973	11/18	1522	Annapolis	SO washn	material	797
644335	11/20	1549	Phila	Agacostia	fans	916

Number.	Date.	From or To—	Subject.	
647721	11/1	1415 Washn	SO NY break key system	533-6
647618	10/31	1405 San Diego	Anacostia Reg. Fans	736-43
647873	11/2	1421 Washn	Anacostia loud speaker	736-43
647615	11/1	1402 Washn	SO Cavite equipment	61-771
647717	11/1	1403 Washn	SO Norf equipment	1008-771
647719	11/1	1413 Washn	SO MI break key system	898
647722	11/2	1416 Washn	SO Boston equipment	898
647614	10/31	1401 Washn	SO Boston equipment	138-6
647613	10/31	1400 Washn	SO NY equipment	316-6
647870	11/2	1418 Washn	SO Cavite break key system	367-6
647869	11/2	1417 Washn	SO Norf equipment	815-6
647884	11/2	1419 Washn	SO NY charging panel	1015-771
647872	11/2	1420 NY	CO Arc Set material	1018-771
648087	11/4	1423 Anacostia	CO Quantico material	918
648179	11/6	1441 Washn	SO Ports material	151-0-6
626110	11/6	1442 Washn	SO MI material	813
641464	11/9	1379 Phila	SO Coco Solo sirens	590-22
648148	11/6	1426 Washn	SO Chasm rectifier	807
648419	11/6	1427 Washn	SO Key West rectifier	817
648420	11/6	1440 Washn	San Juan rectifier	837
648417	11/6	1425 Phila	Atl. Fleet transmitters	918
648899	11/10	1465 Boston	CO battery	46-7
645057	11/9	1454 NYZ	Phila material	10-0-6
648898	11/10	1466 Boston	SO Ports batteries	116-0-7

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Number.	Date.	From or To	Subject.
648902z	11/10	T468 Boston	Inspr machy FR batteries 158-0-7
648900	11/10	1467 Boston	Inspr machy Lake battery 159-0-7
647613	11/9	1446 Washn	CO ships listed equipment 316-6
646877	11/9	1453 Brook	Annapolis generator 707-1
646877	11/9	1452 Phila	Annapolis generator 707-1
648626	11/9	1447 Washn	CO Anacostia Amplifier 786-43
648422	11/6	1448 Washn SO MITOMI (	Rectifier Rectifier 618
648421	11/8	1449 NY	Cayey Radio Arc set 835
648745	11/9	1451 Washn	Phila batteries 918
648424	11/6	1441 Great Lakes	CO Anacostia Pigeons 1207
648425	11/9	1445 Great Lakes	CO Anacostia supplies 1207
648963	11/10	1473 Pug Snd	Inspr machy Todd batteries 4-C-7
648962	11/10	1472 Boston	inspr machy FR batteries 4-C-7
648675	11/11	1475 Brook	SO Pensacola spark gap units 19-N-6
648960	11/10	1469 Bostonx	SO ports battery 165-0-7
649005	11/10	1471 MI	Inspr machy Union batteries 141-0-7
638344	11/8	1448 Phila	Boston material 797
645067	11/10	1455 Key West	SO -I material 1033
649006	11/10	1474 Boston	SO P H Parts 1051
649104	11/11	1480 New York	US PROOSTOOK Arc set 24-771
649007	11/11	1478 New York	ARGONNE arc set 1019-771

Number.	Date.	From or To--	1922		Subject.	
618316	10/18	1335 Phila	SO Chasn	Battery		22-G-6
645513	10/16	1315 Washn	SO NY	Receivers		Q-6
645346	10/17	1326 Norf	CO	Telephones		316-6
645395	10/18	1328 Phila	CO	Spare parts		364-6
645835	10/18	1327 Washn	CO	Transformers		918
645240	10/17	1331 Cayey	SO Washn	receiver		920-4
644528	10/19	1343 Phila	San Diego	Motor generator		707-11
645519	10/17	1321 Washn	SO Cavite	equipment		Q-6
645894	10/18	1322 Phila	NY	tube unit protectors		589-7
638701	10/19	1345 Washn	SO Boston	batteries		898
645839	10/18	1329 W. Langley	SO Washn	amplifier		918
646002	10/19	1342 Washn	Pac Fleet	Amplifier		918
646003	10/19	1344 Phila	W. Pac. Fleet	helmets		918
625850	10/20	1350 Washn	Inspr machy Washn	panels		4-C-6
625850	10/20	1354 NY	Inspr Washn- Todd Co	batteries		4-C-6
646005	10/19	1347 Boston	Inspr Todd	Compensators		6-C-6
646006	10/19	1346 Boston	Inspr Cramps	Compensators		11-C-6
646000	10/18	1330 Norf	SO P M	Buzzers		171-Q-6
633491	10/21	1359 Annapolis	Cramps	Oscillators		9-C-7
629371	10/21	1355 Phila	Elec Boat Co	batteries		123-C-6
644698	10/21	1357 Washn	Pac Fleet	material		4-6
646000	10/19	1341 Washn	SO P M	Recg. system		171-Q-6
644517	10/21	1356 Washn	CO	Material		236-2-6

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Number.	Date.	From or To--		Subject.		
640397	10/20	1349	Washn	SO MI	Amplifier	89
640506	10/24	1363	Washn	SO Guantanamo	material	1-4-6
646398	10/23	1361	Washn	CO BALDWIN	res. units	493
646285	10/23	1362	NY	SO Boston	Buzzers	876
646672	10/24	1371	Washn	NY	tubes	896
644519	10/9	1249	Washn	SO Cavite	voltmeter	806
633336	10/25	1360	Washn	Phila	material	876
643273	10/26	1373	Washn	SO Chasn	arc chamber	896
644519	10/9	1249	Washn	SO Cavite	Voltmeter	806
644528	10/28	1388	M.I.	San Diego	Deformeter	707-11
646909	10/28	1387	Norfolk	CO PROMETHEUS	material	264-6
646842	10/26	1374	Anna	SO MI	Microphone lines	797
646842	10/26	1375	MI	Annapolis	microphone	797
646906	10/26	1386	Norfolk	SO Hamp Rds	Generator	1410-771
647612	10/31	1399	Washn	SC rug Snd	Equipment	153-6
647609	10/31	1397	MI	SO Washn	Receiver	510-6
647610	10/31	1398	rug Snd	SO Washn	Receiver	808
618316	11/2	1411	Norfolk	SO Chasn	material	22-G-6
618316	11/2	1410	Phila	Chasn	material	22-G-6
647713	10/31	1408	Washn	SO Phila	Equipment	1-P-6
644341	11/2	1412	Boston	CO WORDEN	Receiver	288-Q-6
644341	11/2	1409	CO	SO Washn	Receiver	288-Q-6
644720	11/1	1414	Washn	SO Phila	Equipment	498-6
647714	11/1	1404	Washn	SO MI	Equipment	510-6

Number.	Date.	From or To—		Subject.		
644015	10/10	1267	USS McCORMICK Washn	Receiver		223-Q-6
644015	10/10	1261	M.I.	McCORMICK	material	223-Q-6
644016	10/10	1254	Washn	McCORMICK	material	223-Q-6
644017	10/10	1255	Boston	McCORMICK	material	223-Q-6
64341	10/11	1272	Boston	Washington	Receiver	288-Q-6
641599	10/12	1292	Phila	Washn	Amplifier	342-27
642607	10/10	1282	Washn	JASON	Charging panel	512-6
622979	10/11	1271	Washn	Hamp Rds	Material	707-11
644693	10/10	1253	Washn	P Harbor	Material	898
645058	10/12	1291	M.I.	Portsmouth	Transmitter	898
644054	10/11	1273	Wash	Ports	insulators	911
641276	10/11	1265	Phila	Cape Henlopen	Coils	919-10
644557	10/11	1264	Boston	Norf	batteries	1002
644295	10/10	1269	Anacostia	LANGLEY	Pi son supplies	1207
645055	10/12	1277	Washn	M.I.	Receivers	Q-6
645087	10/12	1278	New York	Phila	material	10-C-6

Number.	Date.	From or To—		Subject.		
645293	10/13	1305	Washn	Boston	material	Q-6
644981	10/14	1304	Brooklyn	USS IANSON	material	328-Q-6
642674	10/13	1299	M.I	NEW MEXICO	batteries	554-6
56303	10/14	1307	Washn	Boston	vacuum tubes	629
622979	10/13	1297	Phila	Hamp Rds	material	707-11
622979	10/13	1294	Phila	Hamp Rds	material	707-11
645290	10/13	1304	Wash	Morehead City	Audibility mater	1044
645511	10/16	1313	Washn	CO	Amplifiers	251-6
645512	10/16	1318	Porto Rico	San Diego	tone trap	430
645513	10/16	1316	Pac Fleet	Phila	material	918
645513	10/16	1317	Washn	Cavite	Equipment	Q-6
645515	10/17	1319	NY	SO Washn	Receivers	Q-6
645518	10/17	1318	Boston	SO Washn	Equipment	Q-6
645519	10/17	1308	Cavite	SO Washn	Receivers	Q-6
645661	10/18	1334	Washn	European	material	493
645661	10/18	1332	Brook	European Waters	material	493
645661	10/18	1333	Norfolk	European Waters	Material	493
645285	10/17	1320	Washn	SO NY	material	772
645297	10/16	1301	Annapolis	NL	microphone lines	797

Number.	Date.	From or To—	Subject.	
643960	10/5	1210 Washn	SO MI Wavemeter	893-4
643961	10/5	1211 Washn	SO Pug Snd Wavemeter	893-4
637265	10/5	1203 Norf	San Juan Rectifier	898
643730	10/4	1190 Washn	Anacostia material	902
641630	10/4	1188 Annapolis	Anacostia Cable	906
643955	10/5	1206 Washington	Insp FR material	7-0-6
643953	10/6	1220 MI	SO Ports coil Antenna	115-0-6
643962	10/5	1212 Washn	Davite Wavemeter	893-4
643955	10/6	1213 Washn	CO MARYLAND Wavemeter	893-4
643955	10/6	1214 Washn	CO NEW MEXICO Wavemeter	893-4
643967	10/6	1215 Washn	CO ROCHESTER Wavemeter	893-4
643968	10/6	1216 Washn	CO CALIFORNIA Wavemeter	893-4
643969	10/6	1217 Washn	CO WYOMING Wavemeter	893-4
643970	10/6	1218 Washn	CO SAN DIEGO Wavemeter	893-4
643971	10/6	1219 Washn	CO FLORIDA Wavemeter	893-4
630719	10/6	1207 Washn	Insp FR meter buzzer	7-0-6
644340	10/9	1240 CO WORDEN	SO Washn Receiver	288-Q-6
644341	10/9	1241 Washn	CO WORDEN Receiver	288-Q-6
644031	10/9	1238 Washn	CO NEW YORK Tubes	131-6
639287	10/7	1231 Washn	CO FULTON material	498-6
639287	10/7	1230 Brook	CO FULTON material	498-6
639287	10/7	1229 NY	CO FULTON material	498-6
55984	10/7	1234 CO MARYLAND	SO NY material	629
643958	10/6	1208 Chatham	SO Boston material	736-33

Number.	Date.	From or To—		Subject.		
644338	10/7	1235	Phila	SO 15 Dist	Spark Gap	793-6
643793	10/7	1227	Washn	SO MI	batteries	862-3
640895	10/7	1232	Washn	SO Ports	insulators	9113
644335	10/7	1228	Phila	Anacostia	Bars	918
639681	10/9	1248	Washn	Insp Lake	Transmitg key	159-0-6
643332	10/9	1236	Washn	SO Boston	Receivers	102-Q-6
644517	10/9	1246	Washn	SO Norf	material	286-Q-6
644520	10/9	1250	Washn	SO Norf	material	236-Q-6
54021	10/9	1247	Boston	Cramps Sex	Compensater	629
54021	10/9	1239	Boston	FR	Compensater	629
644523	10/10	1260	Washn	SO Pensacola	Insulators	736-38
644337	10/7	1233	Washn	SO Balboa	material	793-8
644619	10/10	1259	Phila	SO "	material	797
643727	10/9	1237	Washn	SO Balboa	condenser	850
641319	10/10	1251	Washn	Cape Lookout	batteries	919-8
618315	10/11	1263	Phila	Charleston	material	22-C-6
644700	10/11	1274	Washn	Boston	material	Q-6
644701	10/11	1268	Boston	Washn	Receivers	Q-6
644702	10/11	1275	Washn	M.I.	material	Q-6
645056	10/12	1290	M.I.	Washington m	receivers	Q-6
644698	10/10	1270	Washn	Pug Snd	receivers	Q-6
644698	10/11	1262	Washn	Pug Snd	material	Q-6

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642467	9/26	1134	Washn	Inspr Lake	Material	902
629371	9/26	1085	NY	Inspr Elec Boat Co	batteries	123-0-6
642254	9/26	1144	Brook	CO	apparatus	102-4-5
642069	9/26	1138	Washington	Annapolis	Apparatus	797
642467	9/26	1143	Washington	Portsmouth	Apparatus	902
642820	9/26	1140	CO BRIDGEPORT	SO Brooklyn	Repairs	1206
643075	9/28	1151	NY	SO Pug Snd	Mirrors	708
642069	9/26	1130	Washn	Annapolis	material	797
642512	9/28	1154	Washn	SO Hamp Rds	batteries	882-1
642083	9/27	1145	Washn	SO Annapolis	Radio Set	898
642510	9/28	1155	SO NY	SO Hamp Rds	Arc Set	898
642511	9/28	1156	GE Co	SO Hamp Rds	Radio Set	898
642964	9/29	1165	Phila	SO Nerf	Receiver	241-Q-6
608344	9/29	1164	Washn	Annapolis	material	820
633380	9/28	1157	Washn	Turkish Waters	Transmitters	876
643188	9/29	1158	Washn	SO Hamp Rds	tubes	898
643170	9/30	1167	Washn	CO R-22	Transmitter	99-0-6
643171	9/30	1170	NL	SO Washn	Equipment	135-0-6
643015	9/29	1172	Pug Snd	San Diego	material void	
642694	9/30	1171	Phila	CO IDAHO	condenser	563-6
51452	9/30	1166	GE	Washn	Material	629
642509	9/28	1146	Washn	Great Lakes	Apparatus	854
643272	9/30	1169	Washn	SO Hamp Rds	Receivers	898
643348	9/29	1173	Nerf	Constantinople via BRIDGE wire		1062

Number.	Date.	From or To—		Subject.		
635687	10/2	1180	NY	Phila	sound equipment	225-7
636503	10/2	1181	Anna	NY	material	488-7
636303	9/28	1147	Washn	Hammond Radio Lab	apparatus	629
643274	9/30	1178	NY	SO Phila	line	797
643276	9/30	1177	Annapolis	SO Phila	Sound Unit	797
643271	9/30	1168	Phila	Anacostia	tubes	898
64275	10/2	1182	Anacostia	Insp mat GE	Transmitters	629
641983	10/2	1101	Washington	San Diego	Apparatus	830
633336	9/26	1135	Washn	SO Phila	Material	876
643530	10/3	1185	MI	CO	tubes	898
6400 29	10/2	1183	Washn	Porta Rice	Receiver	920-4
643273	9/30	1179	Chaan	SO Washington	arc chamber	898
642968	10/5	1221	Phila	CO	Indicator	268-24
641115	10/5	1222	MI	ships listed	Panels	456-6
643279	10/3	1184	Washn	SO * H	apparatus	898
643463	10/3	1186	Washn	CO	Apparatus	898
643580	10/3	1185	Wash	SO MI	Tubes	916-2
643952	10/4	1191	MI	Insp mat FR	coil antenna	153-0-6
643722	10/4	1189	MI	SO Balboa	Antennas	590-6
643954	10/4	1201	Washn	SO Boston	Wavemeter	893-4
643956	10/5	1204	Washn	SO NY	Wavemeter	893-4
643957	10/5	1205	Washn	SO Phila	Wavemeter	893-4
643959	10/5	1209	Washn	SO Norf	Wavemeter	893-4

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603996	9/11	1037	Boston	Washington	Antenna wire	916
640659	9/9	1041	Phila	Quantic	material	918
640513	9/12	1044	MI	PH	V T Detectors	689-21
640820	9/11	1036	NY	Insp machy NYS	Transmitter	45-B-6
640843	9/14	1069	Brook	CO	Transformer	223-Q-4
637292	9/14	1063	Phila	SO Washn	Amplifier	747-15
697621	9/15	1068	MI	SO Boston	material	123-O-6
641036	9/15	1071	Lake West	SO	Generators	364-6
641312	9/16	1080	Phila	SO NY	Material	574-7
638078	9/15	1066	Washn	NY	material	1014-771
641279	9/15	1070	Union	SO NY	Compensators	797
640826	9/14	1045	Washn	Brook	tubes	898
641276	9/15	1065	Washn	Phila	material	919-10
641278	9/14	1064	Worf	SO - MI	telephones	1051
629538	9/15	1067	MI	Insp Union	Compensators	141-O-7
641281	9/16	1079	Phila	SO Worf	Material	824
639998	9/16	1077	Brook	SO Lake X	Apparatus	9 2
641016	9/15	1089	Washn	Pensacola	coils	918
641280	9/16	1072	Phila	SO NY	Coil	919-20
BAINBRIDGE	Eng 53/25	1078	9/16 Washn	GO	batteries	W R
640820	9/19	1082	NY	Phila	Transmitter	45-B-6
641632	9/19	1081	Washn	CO Cavite	Apparatus	806
641979	9/20	1086	Washn	Phila	Batteries	918

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620873	9/20	1099	Boston	SO Forts	Arches log set	105-0-6
641976	9/20	1084	Annapolis	SO Phila	Oscillator unit	699-771
641981	9/20	1096	Phila	Inspr Elec. Boat Co	Receivers	797
641977	9/20	1094	Washn	San Diego	Tone Trap	830
641978	9/20	1095	Har Harbor	San Diego	Tone Trap	830
603682	9/21	1102	Washn	CO	tube detector	496
603682	9/21	1103	Washn	SO HugSnd	tube detector	496
638392	9/22	1118	Boston	Inspr FR	compensators	797
638392	9/22	1119	Boston	New London	Compensators	797
638392	9/22	1120	Boston	Inspr AL	Compensators	797
SCIOTA	Eng 24/23	W R 9/22 1117	Washn	CO SCIOTA	Apparatus	WR
642076	9/23	1121	Washn	Annapolis	material	797
641982	9/21	1101	Philaz	Squad 1	transmitters	918
642077	9/23	1127	Washn	CO Annapolis	Apparatus	736-43
641185	9/22	1111	Hamp Rds	Va Beach	tools	824
641185	9/22	1112	Hamp Rds	Cape Hatteras	Tools	824
641185	9/22	1113	Hamp Rds	Morhead	Tools	824
639640	9/26	1136	Hamp Rds	Yards listed	insulators	10-0-6
639640	9/26	1137	Brook	Phila	Insulators	10-0-6
642078	9/25	1129	Washn	CO	tubes	160-0-6
642426	9/25	1127	NY	SO Phila	Transmitter	699-771
642480	9/25	1128	MI	CO	telephone	1003-771
641649	9/23	1126	NY	SO Hug Snd	spark gap	898

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Number.	Date.	From or To—		Subject.		
636959	9/1	998	Chasn	Point Isabel	Milling machines	853
639923	9/1	1004	Norf	Managua	Wavemeter	858
639920	9/1	1001	Washn	Anacostia	Radio matl.	876
639922	9/1	1003	Washn	Annapolis	Vacuum tubes	898
638646	9/2	1008	Santo Domingo Fortsau Prince	Pigeons		1207
639921	9/1	1002	Norf	Boston	Compensators	797
589868	9/6	1014	USS REUBEN JAMES Washb	Receiver		240-Q-6
636489	9/7	1021	Washn	STORTEVANT	Receiver	240-Q-6

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Number.	Date.	From or To--		Subject.		
56274	9/6	1015	Norrf	West Elec Co	Generator	629
522979	9/6	1019	Washn	Hamp Rds	Radio Matl	707-11
"	9/6	1020	Phila	"	"	"
"	9/6	1018	Boston	"	"	"
527690	9/6	1016	Hamp Rds	Phila	Matl	735-34
535503	9/6	1017	Washn	Phila	Batteries	918
50450	9/8	1030	GE	yards	equipments	629
624856	9/8	1029	Quantico	SO Phila	material	747-40
638683	9/8	1032	Washn	yards listed	material	876
547631	9/8	1028	GE	yards "	equipments	918
540029	9/8	1042	San Juan	SO Washn	Receiver	920-4
639134	9/9	1034	Boston	SO washn	Material	747-1
638683	9/8	1032	Washn	Annapolis	material	876
640069	9/8	1033	Norrf	SO Washn	Transmitter	898
640615	9/8	1031	MI	SO P H	Condensers	898
640399	9/11	1035	Ports	x CO	Detector	22-n-6
637818	9/11	1043	Boston	MI	batteries	123-07

Number.	Date.	From or To—		Subject.		
629371	8/30	972	Boston	Groton	Condensers	123-0-6
637817	8/30	983	Phila	USS ROCHESTER	receiver	316-6
638203	8/30	977	Boston	USS RIGEL	condensers	1014-778
639501	8/30	984	Phila	Great Lakes	tubes	854
637867	8/30	981	S Brook	Alpena	Spark gap.	870
636682	8/29	979	Boston	Annapolis	Radio matl	876
638682	8/29	978	Phila	Annapolis	Radio matl	876
638682	8/29	980	Washn	Annapolis	Radio matl	876
637705	8/31	993	Washn	New York	Vacuum tubes	46-B-6
633491	8/31	995	Washn	Phila	Wavechanger coils	9-Q-7
637818	8/30	982	Boston	Groton	Batteries	123-0-7
639763	8/31	10000	Phila	New York	Sound matl	588-7
639642	8/30	988	Boston	Phila	Compensator	699-771
638078	8/30	990	Washn	USS RIGEL	Radio Equipmt	1014-771
639643	8/31	994	Hampt Rds	Norx	Radio matl	876
639644	8/31	995	Phila	Fac Fleet	Radio equip	918
637430	8/31	997	Washn	New Orleans	uni-wave key	821
624443	8/31	975	S Brook	Boston	Radio matl.	898

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Number.	Date.	From or To—		Subject.		
639927	9/1	1012	New York	USS RIGEL	Radio matl.	1014
615645	8/30	985	Phila	Phila	Compass coil system.	9-C-6
589862	8/31	989	Washn	USS REUBEN JAMES	Receiver	240-Q-6
638272	8/31	991	Washn	USS PATAPSCO	Batteries	334-6
638959	9/2	1013	Boston	NEW YORK	Radio matl	131-6
638959	9/2	1009	Washn	NEW YORK	Radio matl	131-6
635734	9/1	1006	Phila	USS PROMETHEUS	Apparatus	364-6
639504	8/31	992	Annapolis	M.I.	Sound matl	797
639925	9/1	1007	Washn	Cavite	Radio telegraph	806
639924	9/1	1005	Phila	New Orleans	Batteries	1005

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637372	8/16	905	Boston	Inspr mat FR	Compensator	8-0-7
637958	8/16	910	Fug Snd	Balboa	Battery	793-8
637270	8/15	908	Phila	SO Washn	Receiver	898
637953	8/17	914	Boston	Inspr Todd	Compensators	4-0-7
637954	8/16	909	Pertsmouth	CO	material	205-6
538499	8/21	915	Phila	Annapolis	microphone	797
639088	8/24	953	Fug Snd	NY	batteries	46-b-5
633380	8/26	916	Washn	Turkish Waters	Transmitters	876
625709	8/25	908	Boston	SO NY	material	588-5
626709	8/26	918	Porta	Co	antenna wire	588-6
601289	8/28	917	Washn	SO Norf	Amplifier	1010-771
637560	8/28	919	Phila	CO	batteries	882-1
629371	8/28	920	Phila	Inspr machy NL	batteries	123-0-6
628606	8/28	921	Hamp Rds	yards	material	251-6
638685	8/28	965	Washn	SO Balboa	Transformers	850
639523	8/29	966	USS CHAUMONT	Washn	Receiver	771-1018
639523	8/29	923	Washn	New York	Receiver	1018-771
639497	8/28	963	So Brook	Washn	Insulators	841
630718	8/30	971	Phila	FR	Coils	7-C-6
639641	8/29	970	S Brook	Phila	insulators	9-C-6
639640	8/29	969	H Rds	Phila	insulators	10-C-6

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Number.	Date.	From or To—		Subject.		
608344	8/12	862	Breck	Annapolis	sets	820
608344	8/12	863	Washn	Annapolis	material	820
636484	8/9	860	Washn	Nerf	Arc Key	824
637141	8/12	888	Breck	St Augustine	spark gap	834
637134	8/12	866	Perts	SO Washn	Receivers	898
637140	8/12	871	Washn	Radio Va	Tubes	898
636803	8/12	891	Washn	SO Phila	Batteries	918
631164	8/15	898	Boston	New York	Generator	898
637125	8/12	867	Norfolk	Washington	Receivers	898
637126	8/12	888	Boston	Washington	Receivers	898
637127	8/12	867	Chasn	Washington	Receivers	898
636653	8/84	898	Anacostia	Santo Domingo City	Blanks & bands	1207
635965	8/12	893	New York	Washington	Receiver	342-6
637169	8/15	897	Washn	WHOMING	Vacuum tubes	488-6
635489	8/12	876	Norfolk	Pug Sound	Hand cart.	522-21
622979	8/15	900	NY	Hamp Rds	Transmitter	707-11
637950	8/15	907	Washn	SO NY	Batteries	46-B-6
613909	8/15	903	Phila	SO NY	screens	46-B-7
637953	8/16	906	Boston	Inspr Todd	Compensators	4-C-7
636313	8/15	894	Chasn	Pensacola	Key	828
637271	8/15	904	Washn	Pug Snd	Amplifiers	833
635634	8/15	901	Nerf	SO Balboa	Cable	858

Number.	Date.	From or To—		Subject.		
633923	7/21	770	NY	CO	battery	323-Q-6
633922	7/21	769	Washn	Radio Va	Transmitting set	841
630719	7/21	771	Phila	FR	Transmitters	7-C-6
634315	7/27	792	Boston	CO	material	133-6
634315	7/27	791	Phila	NORf	material	133-6
634315	7/27	793	Washn	CO	material	133-6
634034	7/28	798	Boston	CO	battery	588-5
631832	7/28	798	Brook	Coast Guard cuttie	Bpy batteries	704
634609	7/28	795	Washn	SO Great Lakes	Are Key	854
634608	7/28	794	Phila	SO	Equipmet	898
589868	7/31	815	NY	SO Washn	Receiver	240-Q-6
634581	7/31	814	Brook	CO	Spark gap	510-6
634677	7/31	813	Boston	CO	Hand Keys	699-771
634932	7/31	811	Phila	Pas Fleet	material	898
634928	7/28	797	Anacostia	Santo Demingo	feed	1207
634928	7/28	797	Anacostia	Santo Demingo	feed	1207
622183	7/31	817	CO	SO Washn	Receiver	16-K-6
622650	7/31	816	CO	SO Washn	Receiver	282-Q-6
633464	7/31	820	Boston	CO	material	364-6
633464	7/31	822	Washn	CO	material	364-6
633464	7/31	819	Phila	CO	material	364-6
634669	7/31	818	Porte	SO Washn	Amplifiers	876

Number.	Date.	From or To—		Subject.		
623493	8/1	827	Inspr NMa	Nerf	material	46-B-2
634933	7/31	812	Porta	CO	Field Set	212-6
622979	8/2	823	Washn	Hamp Rds	material	707-11
622979	8/2	824	Phila	Hamp Rds	material	707-11
622979	8/2	833	Annapolis	Hamp Rds	material	707-11
635689	8/5	837	Brack	9 Dist	Telephone	598-6
56303	8/5	838	Washn	Hammond Lab	Transformer	629
635223	8/5	836	Buffale	30 NY	Wavemeter	1000
634738	8/4	834	Phila	Inspr Tadd	cell system	4-C-6
42141	8/8	840	Phila	30 NY	Motor Generator	629
483308	8/7	857	NY	Nerf	Dies	689
627367	8/6	839	Annapolis	Porta	Telephones	797
635769	8/7	856	Hamp Rds	Depot QM Hamp Rds	Parts	761
636489	8/9	854	Washn	CO	Receivers	240-Q-6
612876	8/9	851	Washn	30 Pug Snd	material	167-6
635686	8/8	835	Washn	CO	tubes	592-6
633328	8/9	852	NY	yards listed	material	772
633328	8/9	853	NY	CO MARYLAND	material	772
636493	8/8	841	Boston	30 MI	Compensators	797
637064	8/11	879	NMa	NY	engines	48-B-6
625709	8/11	866	Porta	30 NY	Antenna wire	588-6
635486	8/12	855	Brack	30 P H	Insulators	88-0-6
613937	8/12	864	Washn	30 Pug Snd	material	167-6
633905	8/12	892	Washn	30 Phila	Receiver	342-6

Number.	Date.	From or To—	Subject.	
633328	7/18	742 New York	NEVADA Radio matl	772
633329	7/20	743 Washn.	Groton Radio equipt	135-0-6
633330	7/20	744 Groton	Washn. Radio equipt	135-0-6
633007	7/20	749 Mars Isl	IROTEUS wave meter	164-6
632981	7/19	746 Washn	NEVADA vacuum tubes	133-6
633334	7/19	745 Washn	Norfolk Radio Equipt.	772
623711	7/19	747 Phila	Boston Radio Equipt.	797
623711	7/19	748 Alameda	Is Boston Radio Equipt.	797

Number.	Date.	From or To—	Subject.	
632800	7/17	718 Washn	Cavite Arc Keys	806
632801	7/17	719 Washn	San Arc Relay Keys	813
632804	7/17	722 Washn	San Diego Signal Relay Keys.	830
632802	7/17	720 Washn	Relay Keys Relay Keys	852
632805	7/17	721 Washn	M.I. Relay Keys	920-16
632808	7/21	765 Washn	4 Relay Keys Ports Head Telephone	105-0-7
632284	7/20	766 Boston	Groton Transmitters	135-0-6
51452	7/20	764 New York Washn	Radio set	629
51452	7/21	768 NY	Washn Transmitter	629
633496	7/20	767 Washn	San Antonio Antennas	806
633497	7/20	764 Washn	San Antonio Wave meter	809

Number.	Date.	From or To—		Subject.		
629726	6/30	630	Washing Shanghai	Radio Materila		888
601165	6/30	627	So Brook Washington	Radio Telephones		898
630432	6/20	626	San Diego M.I.	Batteries		898
627513	7/1	631	Washington USS CALIFORNIA	Transformers		592-6
629371	7/3	626	Washington Exton	Receiv equipmt		123-6
630438	7/3	635	Wash Boston	Radio matl		898
629247	7/1	633	Hartford Phila	Moulds		672
630231	7/5	634	Phila Bearp Harbor	Sound matl		852
630162	7/6	640	Lsh L.I.	Transformers		904
627979	7/5	637	USS UTAH Wash	Amplifier		455-27
631063	7/6	663	Camden NY	Transmitting set		898
631164	7/6	654	NY NY	"		898
631165	7/6	655	NY NY	"		898
603682	7/7	639	Pug Snd San Diego	Receivers		496
631161	7/5	638	Washn So Pug Snd	Apparatus		833
630719	7/12	692	Phila Inspr machy FR	material		7-0-6
632284	7/12	709	Boston FR	transmitter		135-0-6
632132	7/12	705	Washn CO	tubes		1-P-6
632126	7/12	695	Washn MI	tubes		20-X-6
632128	7/12	697	Washn Cavite	Tubes		367-6
632127	7/12	696	Washn Norf	tubes		515-6

Number.	Date.	From or To	Subject.	
632123	7/12	657 Washn	Boston Tubes	1016-771
631952	7/13	711 Brook	SO Balboa Spark gap	850
631904	7/12	656 Washn	Inspr machy FR tubes	898
631907	7/12	689 Brook	SO MI Tubes	898
632124	7/12	694 Anacostia	SO Great Lakes material	1207
630719	7/12	690 NY	FR material	7-0-6
630719	7/12	691 Washn	inspr FR material	7-0-6
632285	7/13	710 Washn	Inspr FR Transmitters	153-0-6
631739	7/13	712 Washn	CO Trans for mags	102-0-6
631634	7/12	688 W. 2.	Point Isable Receivers	853
632287	7/13	716 Wash	Wash Latl	875
632287	7/13	715 Washn	Columbus Latl	875
631858	7/13	713 S Brook	Ports Insulators	911
616903	7/13	714 Phila	Bu Stands Vacuum tubes	918
632457	7/15	723 Washn	CO Driver	46-B-6
619937	7/14	717 Washn	SO Pug Snd Voltmeter	167-6
631490	7/14	735 Phila	Cayey Lathe	920-4
631788	7/17	739 Washn	CO receiver	163-6
631586	7/17	741 Norf	CO Material	164-6
631638	7/17	740 Washn	CO material	515-6

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Number.	Date.	From or To—		Subject.		
629545	6/26	586	Washn	Rectifier	852	
629374	6/23	562	Norrf	Cape May	Delco Unit	919-9
629375	6/23	563	Norrf	Whitefish Point	Delco Unit	919-55
56127	6/27	597	Phila	SO Pug Snd	Transmitting set	629
56127	6/27	587	Brook	SO Pug Snd	Transmitting set	629
56127	6/27	596	Norrf	SO Pug Snd	Transmitting set	629
56127	6/27	594	MI	SO Pug Snd	transmitting set	629
56127	6/27	593	Pensacola	SO Pug Snd	Transmitting set	629
56127	6/27	598	Boston	SO Pug Snd	Transmitting set	629
56127	6/27	595	Chasn	SO Pug Snd	Transmitting set	629
595993	6/29	599	Chasn	SO Washn	Receiver	252-Q-6
629663	6/29	602	Washn	CO	Tubes	184-6
56127	6/27	592	Porta	SO Pug Snd	Transm set	629
629959	~~6/29~~ 6/29	601	Brook	SO NO	spark gap	821
625642	6/29	603	Norrf	SO Great Lakes	material	854
629797	6/29	600	Washn	Quantico	Tubes	918
627845	6/30	624	Boston	N London	Radio Matl	161-0-6
611436	6/30	622	Phila	Phila	Records	323-6
629988	6/30	623	So Brook	USS ARIZONA	Radio Tele	529-6
624474	6/30	626	Washington	New York	Receivers	1014-771
629943	6/30	621	Washington	Great Lakes	Spare parts	854
629726	6/30	629	Pearl Har.	Shanghai	Matl	868
629726	6/30	628	Cavite	Sanghai	Batteries	868

Number.	Date.	From or To—		Subject.		
606183	6/9	488	Phila	CO	Material	99-0-7
626386	6/8	460	Washn	NL	mater	99-0-6
626975	6/8	462	Phila	SO P H	plug	2-2-7
623152	6/8	457	NY	SO Norf	Generator	1013-771
626971	6/8	459	Anacostia	Quantico	Transmitters	918
624792	6/9	470	Boston	Lake Co	Switches	116-Q-6
627228	6/10	469	NY	Coxsack NL	Batteries	150-0-6
627359	6/10	476	Boston	NL	Switch	160-0-6
624792	6/9	471	Boston	NL	Switch	161-0-6
626974	6/8	461	Phila	SO MI	LV instn	161-Q-7
626833	6/8	468	Washn	SO NY	batteries	148-Q-6
624334	6/9	463	Washn	CO	Wavemeter	893-4
627533	6/9	473	Norfolk	SO Annapolis	Receivers	898
627231	6/9	472	Washn	SO MI	Condenser	900
626030	6/9	474	Washn	NL	Material	160-0-6
626030	6/9	475	Washn	Lake	Equipment	160-0-6
626122	6/12	484	Washn	LEMLVILLE	Tubes	791
627687	6/13	498	Washn	SO MI	Equipment	107-0-6
627365	6/12	486	Porte	Long Lake	Batteries	159-0-6
627366	6/12	487	Porte	SO IL	"	161-0-6
626697	6/10	477	Guantanamo	SO Phila	material	609-20
627363	6/12	485	Parris Island	SO Phila	material	918
51213D	1922 6/12	489	Phila	CO	batteries	W R
626985	6/19	501	Phila	SO Anacostia	Fans	918

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Number.	Date.	From or To—		Subject.		
627686	6/12	497	Annapolis	SO NY	material	488-7
627689	6/12	490	Coco Solo	SO Phila	material	736-1
627690	6/13	491	Hamp Rde	SO Phila	material	736-34
627691	6/13	492	Pearl Harbor	SO Phila	material	736-60
627367	6/12	488	Annapolis	SO Ports	Telephones	797
627692	6/13	493	SO Guam	SO Aircraft Pac	material	918
627693	6/13	499	San Diego	SO Aircraft Pac	material	918
627842	6/14	500	Washn	SO Cavite	equipments	112-0-6
626203	6/15	513	Phila	SO Phila	batteries	61-771
627843	6/14	502	Washn	SO Anacostia	Tubes	898
554888	6/15	514	Bar Harbor	SO NY	Property	901
554888	6/15	515	NY	Rome	apparatus	901
623044	6/15	512	Washn	Bu Aeronautics	Tubes	918
625485	6/14	503	Anacostia	Cleveland	Pigeon boxes	918
627844	6/15	506	Anacostia	SO Washington	Receiver	918
628374	6/16	518	Washn	SO Cavite	Equipment	111-0-6
628541	5/19	532	Washn	Union	Equipment	141-0-6
628541	6/15	533	Union	SO Washn	Receiver	141-0-6
9009657	5/19	531	Washn	KCC Co	Receivers	706
628384	6/19	520	Washn	Key West	Rectifier	817
626563	6/17	516	Washn	Pensacola	Tubes	918
54081	6/19	535	Boston	NL-	Compensators	629

Number.	Date.	From or To--		Subject.		
624831	1/23	327	Phila	Long Island	intercommunication sets	918
615947	5/24	362	Key West	SO Washn	Wavemeter	1033
625164	5/26	382	Annapolis	SO NY	Apparatus	46-B-7
625164	5/26	381	Boston	SO NY	Compensator	46-B-7
619719	5/26	380	Brook	SO Bostonx	Transformer	369-6
625032	5/25	375	Norfolk	Quantico	Batteries	761
625032	5/25	377	Washn	Quantico	Material	761
625032	5/25	378	Phila	Quantico	material	761
617541	5/25	373	Washn	SO NY	Receiver	1015-771
625158	5/25	379	Annapolis	SO Phila	Sonic range finder	797
624981	5/24	368	Washn	SO Great Lakes	material	854
599193	5/25	369	Washn	CO	material	898
599193	5/25	370	Washn	CO	material	898
624984	5/25	374	Phila	SO Washn	Tubes	898
624983	5/25	372	Washn	SO MI	Parts	909
623470	5/17 (B D)	300	Norfolk	Bar Harbor	battery charging unit	919-3
623708	5/17	310	Norfolk	Beaumont	"	919-8
623707	5/17	309	Norfolk	Cape Henlopen	"	919-10
623702	5/17	301	Norfolk	Cape Elizabeth	"	919-12
623704	5/17	306	Norfolk	Deer Island	"	919-13
623706	5/17	308	Norfolk	Gloucester	"	919-16
623705	5/17	307	Norfolk	Humarock	"	919-19
623703	5/17	305	Norfolk	Newport	"	919-25

Number.	Date.	From or To -		Subject.		
605536	5/27	385	Washn	S Phila	Receiver	1651-K-6
612876	5/26	383	NY	SC Eng Snd	material	167-6
624694	5/27	384	Washn	Washn	Amplifiers	x 918
613904	5/27	386	Norfolk	Cham	Radio Telegraph	704
625415	5/27	390	Washn	SO NY	Receiver	342-Q-6
625414	5/27	391	Brook	CO	Condensers	28-S-6
556214	5/27	389	Washn	Annapolis	material	920-1
625179	5/31	407	Washn	Norfolk	Condenser units	689-12
625047	5/31	409	Boston	NL	battery	128-O-6
623875	5/31	410	Annapolis	Lake	material	159-O-7
625557	5/31	408	Phila	Coco Solo	antenna wire	590-6
626030	6/2	413	Washn	Lake	Tubes	150-O-6
626029	6/2	412	Washn	NL	Tubes	161-O-6
626028	6/1	411	Phila	Quantico	batteries	918
625553	6/2	393	Washn	New York City	Telegraph	591-6
620877	6/2	414	New York	So Brook	Batteries	882-1
626643	6/6	429	Washn	Lake Co	Insulators	160-O-6
626642	6/6	430	Washn	Newport	Receiver	219-Q-6
626667	6/6	431	Washn	Guam	Transformers	813
620146	6/6	415	Annapolis	CO	Pigeons	1207
626668	6/6	432	Annapolis	CO	Pigeons	1207
626561	5/7	436	So Brook	TUSCARORA	Rheostat	706
626969	6/8	458	PH	So Guam	apparatus	813

Number.	Date.	From or To—		Subject.		
622656	5/12	274	Washn	SO NY	material	Q-6
622650	5/11	258	Washn	SO Phila	Receiver	282-Q-6
622654	5/12	260	Washn	San Diego	Material	830
520282	5/12	262	Washn	Haiti	apparatus	865
622655	5/13	261	Washn	SC Hall oa	Amplifier	867
623044	5/13	276	Washn	Quintico	Tubes	918
622952	5/13	277	Washn	Paris	material	920
618904	5/15	278	Norf	Chasn	Joiners tools	704
613904	5/15	219	Chasn	Norf	Radio Compass	704
620003	5/15	295	Washn	Annapolis	material	797
623246	5/15	280	Porte	Annapolis	Generator	898
623246	5/15	293	Boston	Annapolis	Generator	898
623247	5/15	294	Washn	SOAnnapolis	Telephones	902
589868	5/16	299	Washn	CO	Receiver	240-Q-6
42141	5/17	312	Phila	SO NY	Arc Sets	629
623305	5/17	311	Washn	SO NY	material	772
621734	5/16	298	MI	So Pug Snd	Transmitters	898
621734	5/16	297	Brook	SO Norf	"	898
621734	5/16	296	Brook	SO Norf	Buzzer	898
623711	5/17	313	Phila	Boston	equipment	797
623519	5/18	318	Washn	SO 9 Diet	material	854
623906	5/18	319	Washn	SO Pug Snd	arc key	131-5
623548	5/18	321	Washn	SO Norf	batteries	251-5

Number.	Date.	From or To--		Subject.		
623904	5/18	314	Brook	SO Norf	batteries	251-6
611174	5/18	322	Aircraft Fac	SO Phila	batteries	494
623522	5/18	320	Washn	CO	Receiver	61-771
612876	5/20	326	NY	SO Pug Snd	material	167-6
613937	5/20	325	Phila	SO Pug Snd	material	167-6
620873	5/24	361	Boston	SO Ports	Wire	105-0-5
623908	5/23	323	Annapolis	SO Ports	material	105-0-7
623909	5/23	324	Annapolis	SO MI	material	107-0-7
624833	5/24	366	Norfolk	CO	Telephones	364-6
624931	5/24	367	Phila	SO Annapolis	meters	321-6
592692	5/24	363	Washn	Washn (Sig Corp	Amplifier	727-1
624680	5/23	346	Washn	CO Hamp Rde	Amplifier	736-34
624679	5/23	345	Washn	SO Pensacola	Amplifier	736-38
624678	5/23	344	Washn	SO Balboa	Amplifier	736-41
624681	5/23	347	Washn	SO Anacostia	Amplifier	736-43
624474	5/24	360	Washn	SO NY	Receiver	1014-771
619626	5/23	357	Brook	SO Key West	Spark Gap	817
618171	5/24	359	Washn	Chicago	Receiver	854
618171	5/24	358	Washn	SO 9 Dist	Receiver	854
624682	5/23	348	Washn	Pacific Fleet	Amplifier	918
624683	5/23	355	Washn	Atlantic Air Detachment	Amplifier	918
624683	5/23	354	Washn	Atlantic Fleet	Amplifier	918
624684	5/23	356	Washn	SO Aircraft Fac	Amplifier	918

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Number.	Date	From or To—		Subject.	
621133	5/3	185	Washn	Los Angeles	Amplifier. 806
621144	5/2	190	Wash	Coriova	Amplifier 809
563272	5/2	184	Wash	Merigo	Amplifier 813
563277	5/2	183	Wash	Yerba Buena	Amplifier 842
621140	5/2	186	Wash	Vladivostok	Amplifier 920-13
621141	5/2	187	Wash	Cleveland	Amplifier 1004
621145	5/2	191	Wash	Los Angeles	Amplifier 1013
561481	5/3	195	Washn	SO Norf	Tubes 251-6
613896	5/4	196	Phila	SO PH	batteries 862-1
621296	5/3	193	Phila	SO NY	equipment 46-B-6
621296	5/3	194	Washn	SO NY	Equipment 46-B-6
621677	5/5	214	MI	Inspir machy Todd	material 5-C-6
621862	5/5	215	Phila	SO Norf	material 236-Q-7
621301	5/4	187	Norf	CO	telephone 1001-771
621673	5/5	202	Washn	3 rd Juan	Amplifier 835
621303	5/4	188	Washn	SO Ballou	material 850
621676	5/5	213	Washn	Dahlgren	material 918
621672	5/4	201	Washn	Bar Harbor	material 920-2
621670	5/4	199	Washn	Hamp Rds	material 1038
621671	5/4	200	Washn	Dept	Amplifier 1047
621863	5/5	216	Phila	SO NY	material 231-Q-7
621659	5/6	228	Phila	SO Chasn	radio field set 222-6
613594	5/6	219	Annapolis	Washn	material 323-7
610153	5/5	212	Phila	SO NL	material 514-7

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Number.	Date.	From or To--		Subject.		
599132	5/6	229	MI	SO Washn	Wavemeter	898
621868	5/6	218	Boston	Medford Hillside	material	902
621867	5/6	217	Phila	SO Washn	invoice arc key	918
621756	5/8	231	Washn	Boston	Insulators	100-Q-6
621869	5/8	227	Phila	CO	Material	251-6
47403	5/8	240	Washn	Quantic	Telephones	629
599132	5/8	234	Phila	SO Washn	Material	898
621227	5/8	230	Washn	SO Phila	Amplifiers	918
622150	5/8	233	Washn	SO Phila	Receivers	918
599132	5/8	235	Brook	SO Washn	Wavemeters	898
606243	5/6	220	Washn	Pac Fleet	Condensers	918
621869	5/6	221	Washn	CO	Material	251-6
622128	5/8	232	Washn	SO Phila	Insulators	101-Q-6
599132	5/8	236	Norf	SO Washn	Wavemeters	898
622131	5/9	242	Washn	CO	plugs	130-6
621856	5/10	243	Washn	CO	galvanometer	321-4
573848	5/10	244	CO via Union	Washn	Receiver	898
622082	5/9	241	Aircraft Pac	SO Norf	material	1034
622087	5/11	256	Boston	SO Ports	Telephone	197-6
622433	5/10	257	NY	Brook	Transmitters	727-1
622183	5/11	259	Washn	SO Boston	material	16-K-6
622656	5/12	275	Washn	SO Norf	receivers	Q-6
622656	5/12	273	Washn	SO Phila	receivers	Q-6

Number.	Date.	From or To -		Subject.		
619525	4/20	111	SO NY	SO Pug Snd	Insulators	911
619366	4/20	110	SO NY	O-I-C Bar Harbor	Equipment	920-2
615019	4/19	84	Washn	CO Quantico	Equipment	1050
602605	4/2	125	Hamp Rds	Washn	Telegraph	918
619531	4/22	117	Phila	FR	Sound Equipment	158-0-7
619532	4/22	113	Phila	Ports	Oscillator	163-0-7
618541	4/22	112	Garden	Phila	Sound mtl	230-2-7
618448	4/22	115	MI	USS FLETCH	battery	9-3-5
618000	4/22	129	Chasen	NY	telegraph	876-3P
619719	4/22	124	Phila	Boston	Transformers	769-6
620097	4/24	130	Washn	Washn	Telegraph	704
565666	4/22	116	Phila	Dept	Ear Cups	736-43
619007	4/22	126	Washn	SO Pug Snd	material	809
619530	4/22	114	Washn	SO MI	Telegraphone	909
620024	4/24	128	Phila	SO Anacostia	Pans	918
620023	4/24	127	Washn	Annapolis	material	797
618087	4/25	132	Phila	Phila	Equipment	898
615929	4/26	138	Washn	SO Great Lakes	Tubes	919-1
619490	4/26	140	Aircraft Pac	SO Boston	Tubes	920-5
619490	4/26	139	Phila	SO Boston	Tubes	920-5
620146	4/25	137	Anacostia	SO Hamp Rds	Pigeons	1207
620139	4/26	151	Norf	Quantico	Batteries	507
620256	4/26	142	Washn	SO Pug Snd	Amplifier	833
620255	4/26	141	Washn	SO Pug Snd	Amplifier	836
620603	4/25					

RADIO SHIPMENT ORDER CARD

N. Eng. 134

1922

Number.	Date.	From or To—		Subject.		
620603	4/26	143	Washn	MI	Apparatus	852
613040	4/27	157	MI	Pug Snd	Arc Set	898
620588	4/27	156	Washn	SO Pug Snd	Tube Detectors	898
620593	4/28	160	Washn	Bu Standards	phones	898
620586	4/27	155	Washn	Quantico	material	918
620589	4/27	159	Phila	SO Ports	Receivers	105-0-7
620589	4/27	158	Boston	SO Ports	Compensator	105-0-7
618998	4/28	161	Phila	SO Washn	Amplifier	747-13
620874	4/28	162	Washn	SO Hamp Rus	material	1011-771
618334	4/29	166	Washn	Dept.	equipment	1047
620873	5/1	168	Boston	SO Ports	Transmitter	105-0-6
620873	5/1	167	Washn	SO Ports	Equipment	105-0-6
619701	5/1	169	Washn	Phila Cramps	Receivers	9-C-6
621136	5/1	170	Washn	SO P H	Insulators	88-0-6
595087	5/2	144	Annapolis	Lake	Material	797
621137	5/1	171	Phila	C&R	tubing	797
563271	5/2	173	Washn	Marshfield	Amplifier	801
621142	5/2	188	Washn	SO 9 Dist	Amplifier	854
520599	4/27	153	Washn	Coco Solo	Apparatus	867
571572	5/2	182	Washn	9 Dist	material	870
563263	5/1	172	Washn	Stations listed	Amplifiers	896
621143	5/2	189	Washn	SO Pug Snd	Amplifier	896
571571	5/2	154	Washn	Great Lakes	material	1005

[OVER.]

1922

Number.	Date.	From or To--		Subject.		
616887	4/10	19	Washn	SO P H	material	852
617998	4/12	35	Washn	Grand Marais	Equipment	919-65
617998	4/12	39	Phila	Grand Marais	Material	919-65
617998	4/12	40	NY	Grand Marais	material	919-65
618000	4/13	37	Chasn	CO	material	876-SF
54021	4/12	34	Boston	SO NL	Compensators	629
54021	4/13	48	Boston	FR	Compensator	629
613650	4/13	35	NYS	SO Phila	material	797
618003	4/13	47	Washn	Los Banos	Amplifier	806
608183	4/13	46	Washn	NO	Material	821
618169	4/13	49	Washn	Weston Elec Co	material	893
618001	4/13	41	MI	SO P H	Telephones	902
618002	4/13	45	Brook	SO P H	Spare parts	902
618174	4/13	51	Brook	SO Washn	Telephones	902
618175	4/13	52	Brook	CO	Telephones	902
617999	4/13	35	Washn	SO Anacostia	Driver	919
618176	4/13	53	Brook	CO	Telephones	902
618177	4/13	54	Brook	CO	"	902
618178	4/13	60	Brook	CO	"	902
618306	4/14	61	Brook	CO	"	902
618307	4/14	62	Brook	SO MI	"	902
618308	4/14	63	Brook	SO Pug Snd	"	902
618309	4/14	64	Brook	SO P H	"	902

RADIO SHIPMENT ORDER CARD

N. Eng. 184

1922

Number.	Date.	From or To--	Subject.	
618310	4/14	65 MI	CO	Telephones 902
618316	4/15	67 Washn	Chasn	Receiver 22-G-5
612888	4/15	68 So Brook NY City	Telegraph	1017-771
618173	4/13	50 So Brook Phila	Telephones	902
618311	4/14	66 MI	BUFFALO	Telephones 902
618244	4/15	80 Phila	Anacostia	Telegraph 917
543252	4/15	81 Insp'r mat GE	Washn	Equipment 761
604347	4/15	69 Chatham	Insp'r Newport	Pigeons 1207
619052	4/18	83 Brook	SO Pug Snd	Insulators 911
618486	4/18	82 Washn	QM Santo Domingo	Supplies 1207
518439	4/20	95 Washn	Lake	Insulators 162-0-6
619357	4/20	101 Washn	CO	material 292-Q-6
619113	4/20	96 Washn	CO	material 293-Q-6
619358	4/20	102 Washn	CO	material 295-Q-6
618635	4/20	108 Washn	SO Norf	material 336-Q-6
603682	4/20	98 Washn	To Yards-CO's listed	Receivers 496
603682	4/20	100 Washn	To Yards-CO's listed	Receivers 496
619527	4/21	112 Brook	CO Tampa	material 704
619361	4/20	97 MI	SO Pug Snd	material 895
602440	4/20	99 Washn	CO's listed	Receivers 896
619360	4/20	109 NY	SO MI	material 911

N. Eng. 134

Number.	Date.	From or To—	Subject.	
614125	4/7	4 Boston	SO Washn Amplifier	289-Q-27
617190	4/7	9933 Hamp Rds	SO Norf Receivers	898
597724	4/7	5 Virgin Is	SO Norf Equipment	1-2-8
618645	4/10	18 Norf	Norf Equipment	704
617381	4/7	8 Washn	CO material	251-6
617381	4/7	6 Phila	SO Norf instruments	251-6
617381	4/8	9 Hamp Rds	CO Receivers	251-6
617381	4/7	7 Phila	SO Norf material	251-6
616887	4/10	20 Phila	SO P H Material	852
617385	4/8	11 Phila	CO Sumay Guam equipment	918
617385	4/8	10 Phila	Pacific Fleet Equipment	918
617385	4/8	13 Phila	SO P H Equipment	918
617576	4/10	15 Washn	NNs Transmitter	48-B-6
54021	4/10	26 Boston	SO NY Compensator	629
54021	4/10	27 Annapolis	SO NY Compensator	629
616887	4/10	16 Aircraft Fac	SO P H material	852
617069	4/10	14 Washn	SO Anacostia tubes	902
463145	4/10	24 Phila	SO Boston Wire	907
463145	4/10	25 Phila	SO Ports Wire	907
565790	4/10	23 Bar Harbor	SO Washn tuner (barrage)	92-0-2
565790	4/10	22 Washn	Boston Recg set	920-2
565790	4/10	21 Washn	Bar Harbor tuner	920-2

Number.	Date.	From or To—	Subject.	
614385	3/28	9962 MI	Astoria	material 872
614834	3/28	9959 Washn	Dept Agril Washn	material 898
615676	3/28	9958 Phila	SO Washn	tubes 898
592729	3/28	9961 Washn	SO Anacostia	tube 918
615458	3/28	9956 GE	SO Aircraft Fac Phila	Equipments 918
616047	3/31	9977 Washn	Arlington	Tubes 841
616049	3/31	9979 Phila	SO P H	Material 869
615819	4/31	9976 Washn	Bu Standard Mines	tubes 898
616048	3/31	9978 Phila	SO Anacostia	Fans 918
616045	3/31	9968 Phila	Boston	Tubes 920-2
615452	3/28	9944 Pug Sd	Earl Harbor	Radio Mtl 88-0-6
597621	3/31	9969 Quincy	Boston	Radio Tele 173-0-6
597617	3/31	9970 Washn	Boston	Vacuum tubes 791
618849	4/4	9986 Phila	Washn	Radio Compass 615-26
				Load parts
616645	4/4	9980 Norf	Norf	Radio appara 704
616646	4/4	9981 Washn	Curtis Bay	Radio Mtl 704
54021	4/4	9984 Boston	Lake	Compensator 629
54021	4/4	9985 Boston	SO Ports	Compensator 629
615991	4/5	9987 Washn	SO Phila	Receiver 1008-771
616902	4/5	9991 Norfolk	Newport	Equipment 797
616902	4/5	9990 Norfolk	Alexandria	tubes 797
607126	4/5	9989 Anacostia	Lakshurst	Feed 1207
608126	4/5	9988 Anacostia	SO Lakshurst	Pigeons 1207

1922

Number.	Date.	From or To—	Subject.	
603865	3/16	9898 CO NY	SO Washn material	99-0-6
60450	3/15	9888 GE	Washn equipment	629
50450	3/15	9889 GE	SO Phila Equipment	629
613078	3/14	9878 Ports	SO Boston material	1011-771
612888	3/14	9876 Brook	CO DENEbola coil	1017-771
613754	3/16	9899 Washn	SO Pug Snd Keys	898
613753	3/16	9891 Washn	Washn Amplifier	918
613046	3/15	9890 Washn	Annapolis Sheath	920-1
613343	3/15	9879 Washn	Washington Equipment	704
609009	3/16	9900 Washn	CO Amplifier	498-6
613757	3/17	9901 Washn	SO NY Arc Keys	898
614058	3/18	9905 Phila	SO P H Batteries	882-1
614058	3/18	9904 Phila	SO Tutuila batteries	882-1
650031	3/17	9902 CO	SO Washn material	898
614384	3/20	9908 Washn	North Head material	825
614058	3/18	9907 Phila	SO Cavite Batteries	882-1
614058	3/18	9906 Phila	SO Guam Batteries	882-1
614058	3/18	9903 Phila	SO Pug Snd Batteries	882-1
50450	3/21	9923 GE	SO Washn equipment	629
51457	3/20	9915 Phila	SO Norf telegraphs	629
614385	3/20	9909 MI	Astoria material	872
614385	3/20	9910 MI	SO Pug Snd material	872
614387	3/21	9911 Phila	SO Tutuila batteries	846

RADIO SHIPMENT ORDERS

N. Eng. 134

1922

Number.	Date.	From or To--	Subject.	
603677	3/23	9925 Brook	SO Chasn transmitter	21-G-6
614581	3/22	9924 Phila	Pug Snd sound installn	797
614387	3/21	9911 Phila	SO Tutuila batteries	846
50450	3/23	9932 GE	Dept equipments	629
50450	3/23	9931 GE	Dept trans equipment	629
6102617	3/23	9928 Washn	SO 9 Dist material	707-11
614844	3/23	9926 Washn	SO Tutuila material	846
614847	3/24	9937 Boston	SO Phila receivers	918
614848	3/24	9936 Washn	SO Phila receivers	918
612923	3/23	9934 Phila	SO Washn material	323-6
613594	3/24	9939 Annapolis	SO Washn material	323-7
614845	3/23	9927 Washn	SO Anacostia material	736-43
614850	3/24	9938 Washn	SO Sub Base Amplifier	898
614780	3/24	9940 Phila	SO Washn material	323-6
654125	3/27	9941 Washn	Key West Apparatus	919-63
615451	3/28	9943 Brook	SO Norfolk Insulators	1658-K-6
613860	3/27	9955 Phila	SO Norfolk Receivers	695-7
615447	3/27	9942 Phila	Point Isabel batteries	853
615458	3/28	9956 GE	SO Phila Equipments	918
614849	3/27	9935 Anacostia	Santo Domingo Pigeons	1207
611436	3/28	9960 Phila	Dept Records	323-6
614780	3/29	9967 Phila	SO NY Material	323-6
580515	3/28	9957 Brook	Pt Isabel coils	853

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Number.	Date.	From or To—		Subject.		
611737	3:2	9801	Washn	Pug 3d shipment of arc sets & Amplifier	895	
610526	3/4	9816	Washn	CC Condensers	891-5	
606179	3/3	9806	Great Lakes	SO Washn. Amplifiers	898	
316197	3/4	9817	San Diego	SO Port End Tubes	918	
610622	3/2	9812	Phila	Hamp Rds Material	918	
510622	3/2	9811	Brook	Hamp. Rds Material	918	
603935	3/3	9805	Chatham	CC Anacostia Pigeons	1207	
316197	3/4	9817	San Diego	MI Tubes	918	
610552	3/4	9819	Phila	S. MI Generator sets	89-0-7	
611747	3/4	9820	Phila	Washn stethoscopes	7.7	
511746	3/4	9809	Washn	Bu Standards Receiver	919	
611746	3/4	9807	Washn	S. Anacostia Receiver	919	
612228	3/7	9827	Washn	CC tubes	177-Q-6	
548281	3/8	9829	S Domingo	SO Washn Wavemeter	865	
612664	3/8	9831	Boston	Santo Domingo Condensers	865	
612644	3/8	9830	Washn	Santo Domingo Wavemeter	865	
610984	3/8	9828	Brook	SO Washn Material	898	
612666	3/9	9841	Phila	Great Lakes Tubes	898	
612667	3/9	9842	Phila	SO P S. I. Phila Tubes	898	
612668	3/9	9845	Phila	SO San Diego Tubes	898	
612668	3/9	9844	Phila	SO Penss Tubes	898	
612668	3/9	9843	Phila	CC Coco Solo Tubes	898	
606184	3/10	9855	Phila	CC material	1652-K-6	

Number.	Date.	From or To—		Subject.		
606538	3/10	9851	Phila	SO NY	material	797
592981	3/10	9853	Washn	Annapolis	material	920-1
612671	3/10	9847	Inspir mat Bost	MI	Compensator	107-0-7
612923	3/11	9852	Phila	SO Washn	material	323-5
612875	3/10	9858	Phila	SO NY	tubes	898
539858	3/10	9854	Washn	SO MI	receivers	919-1
539859	3/10	9856	Washn	SO Pug Snd	Receivers	919-1
539861	3/10	9857	Washn	SO Phila	Receivers	919-1
612921	3/10	9848	Phila	Boston	Telegraph	704
606243	3/13	9860	Washn	SO San Diego	condensers	918
612670	3/11	9846	Washn	Hamp Rds	Equipments	918
613125	3/11	9859	Washn	Pacific Fleet	Transformers	918
603125	3/13	9870	Washn	Hamp Roads	Equipment	421-6
544828	3/14	9872	Washn	Union	motor Buzzer	704
613043	3/14	9877	Phila	SO Norf	Radio compass	704
544446	3/13	9863	NY	SO Washn	Material	747-11
613078	3/14	9875	Washn	SO Boston	Receiver	1011-771
613040	3/13	9861	MI	SO Pug Snd	Arc Sets	896
550031	3/13	9862	Annapolis	SO Washington	Transmitter	898
612982	3/13	9871	Phila	SO Washn	Receivers	898
613041	3/14	9873	Norf	SO Washn	Transformers	904
613343	3/15	9870	Washn	Washn	Radio Tele	704

Number.	Date.	From or To		Subject.		
610982	2:24	9776	Pearl Harbor	Washn Yd	Receivers	898
610982	2:24	9749	M IS	Washn Yd	Receivers	898
610982	2:24	9772	Boston	Washn Yd	Receivers	898
610982	2:24	9775	Pug Id	Washn Yd	Receivers	898
610982	2:24	9774	Phila	Washn Yd	Receivers	898
610984	2:24	9783	So Brookn	Washn Yd	Amplifiers	898
610984	2:24	9782	NY	Washn Yd	Amplifiers	898
610987	2:25	9784	NY	Pearl Harbor	Insulators	911
611110	2:28	9748	Washn	Lakehurst	field coil	1049
607497	2:27	9794	Norf	Washn	transformer	832-3
550031	2:25	9787	NY	Washn	transmitter	898

RADIO SHIPMENT ORDERS

1922

Number.	Date.	From or To--		Subject.	
610662	2:25	9789	Phila	Ham Rds	radio matl 918
610662	2:25	9788	Washn	Ham Rds	vacuum tubes 918
610662	2:25	9790	Ham Rds	Air Det Langly Fld	amplifiers 918
611106	2:25	9786	Washn	Cavite	Transformers 898
611112	2:27	9791	N Orleans	Washn	receivers 898
611427	2:27	9792	N London	Washn	amplifiers 898
611430	2:27	9793	Washn	Grt Lakes	vacuum tubes 898
611434	2:28	9797	Washn	GUAM	transformers 898
611055	2:28	9768	Norf	Brookn	Blowers. 2-2-10
607515	3/1	9800	Boston	Anacostia	Radio Tele. raih 889
611281	3:1	9798	M IS	NEW MEXICO	Storage batteries 554-6

1922

Number.	Date.	From or To—	Subject.	
603677	1/9	Washn	Receiver	21-4-6
603677	1/9	Washn	Receiver	21-5-6
603743	1/9	Washn	Receiver	1655-K-6
603741	1/9	Phila	Receiver	87-C-7
604130	1/9	Brook	Receiver	1000-7-1
608162	2/13	Washn	Material	891
609009	2/13	Washn	Material	898
609008	2/13	Anacostia	pigeon supplies	1207
608228	2/14	Lake	Condensers	129-C-6
609330	2/14	Brook	Gas baskets	227-Q-6
608243	2/13	Washn	Receiver	756-38
596217	2/13	Brook	Ship Owners Radio a/c	711-2
608247	2/13	Washn	Tubes	898
609492	2/14	Great Lakes	Star caps	898
608782	2/13	Washn	Equipment	915-5
609010	2/13	Harb Rds	Equipment	918
598871	2/14	Great Lakes	Key	1004
607056	2/14	NYS	Oscillators	45-B-7
608633	2/15	Washn	Material	1657-L-6
59887	2/14	Boston	Amplifiers	829
609632	2/15	Washn	Material	824
609497	2/15	Washn	Material	872
609633	2/15	Phila	Batteries	821
608217	2/13	Washn	tubes	898

RADIO SHIPMENT REQUEST

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1922

Number.	Date.	From or To -		Subject.		
609491	2/14	9709	Washn	SC Boston	Tubes	898
609010	2/15	9700	Hamp Rds	SC Pensacola	Equipment	918
609489	2/15	9719	Washn	SC Chasn	Insulators	807
509804	2/15	9721	Tashn SC	Yard Washn	Receiving unit	698
609476	2/15	9722	Phila	SC Washn	Vacuum tubes	698
610083	2-18	9739	Wash	UTAH	"B" Batteries	455-6
608336	2/18	9742	Phila	Hamp Rds	Radio Telegraph	918
608336	2/18	9740	Phila	Reid	Radio Telegraph	813
42141	2/20	9745	Seabrook	Annapolis	Radio Telegraph	629
599640	2;20	9743	Washn	Norfolk	transformers	904
608336	2;18	9741	Washn	Marine Corp Reid, Va	Radio matl	918
608336	2;18	9744	Washn	Hamp Rds	Radio tel matl	918
610733	2;23	9746	Chasn	Washn Yd	radio receiver	898
610982	2;24	9773	Norfolk	Washn Yd	radio receiver	898
610898	2;23	9749	Boston	Washn Yd SO	receivers	919

1922

Number.	Date.	From or To—	Subject.	
605586	1/21	9545 Washn	Toda	Arc ray 4-C-6
605585	1/21	9511 Washn	Cramps	Arc rays 5-C-6
605584	1/24	9567 Washn	So LI	Transformers 806
605309	1/25	9589 Norf	Anacostia	Batteries 607
605187	1/21	9517 Washn	Anacostia	Material 698
606181	1/26	9569 Washn	Toda	Buzzer 4-C-6
606184	1/23	9590 Phila	So Norf	Material 1655-E-6
606185	1/25	9592 Washn	So Norf	Experiment 135-E-6
606186	1/26	9593 Washn	So Phila	Experiment 1000-7-1
606185	1/26	9594 Phila	So Washn	Amplifier 698
606185	1/25	9595 Phila	Atl Meet	Experiment 218
606180	1-28	9586 Phila	New York	Screens 48-E-7
606183	1-26	9591 Phila	New London	Sound receiver 55-0-7
595152	1/27	9517 Washn	So LI	Condenser 1-E-6
605588	1/26	9571 Phila	So Phila	Tubes 797
606164	1/27	9506 Washn	So	Trans far ere 918
605588	1/28	9573 Phila	Inter Union	Tubes 797
606185	1/28	9502 Norf	So Washn	Amplifiers 698
606185	1/28	9501 Ports	So Washn	Amplifiers 698
605741	1/26	9502 NY	So Washn	Ch Le 915-80
603305	1/31	9511 Washn	Co's listed	Amplifiers 76-0-6
605705	1/31	9520 Washn	Co's listed	Amplifiers 76-0-6

RADIO SUPPLY LIST REQ EST

N. Eng. 131

1922

Number.	Date.	From or To	Subject.	
606869	1/31	9623 Washn	Santo Domingo	Equipment 1-2-6
607235	2/1	9621 Boston	SC Washn	Amplifiers 898
607236	2/1	9622 Virgin Island	Santo Domingo	Material 1-5-6
604867	2/1	9676 Annapolis	CO Anacostia	Generator 80-3
605642	2/1	9630 Phila	Bu of Standards	Wire 916
607861	2/2	9643 Brook	Phila	Material 918
607144	2/2	9637 Phila	SC Pensacola	Material 918
607198	2/2	9641 MI	SC Port Snd	Engrs 898
607198	2/2	9642 Phila-	SC Port Snd	Engrs 898
603505	2/3	9643 Washn	Div 9	Amplifiers 7-0-6
607504	2/3	9657 Washn	CO	Material 86-0-6
607238	2/1	9635 Boston	SC HL	Compensator 99-0-7
606530	2/1	9633 Boston	SC Ports	Compensator 115-0-7
607257	2/1	9634 Boston	Lab	Compensator 119-0-7
607125	2/1	9679 Washn	SC Phila	Receiver 1651-4-6
608004	2/7	9661 Washn	Lab for Lab	Equipment 161-0-6
608038	2/8	9680 Washn	CO	Receivers 1009-771
607200	2/7	9639 Brook	Point Isabel	Spark plug 883
608004	2/7	9660 Lab for	Pensacola	Material 918
606013	2/7	9678 Anacostia	Santo Domingo	Pit. supplies 1007
608014	2/9	9627 Annapolis	Annapolis	Material 918

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1922

Number.	Date.	From or To—		Subject.		
602821	1/5	9469	Washn	CC Balboa	material	898
601553	1/7	9488	Phila	Comdt Phila	sound tubes	421-7-W
600302	1/6	9473	Norfolk	SC Phila	instruments	797
603038	1/7	9474	Boston	SC 15 Dist	Condensers	882-1
603306	1/7	9486	Washn	Atl Fleet	Material	918
603306	1/7	9485	Phila	Atl Fleet	material	918
602605	1/7	9456	Hamp Rds	CC Hamp Rds	material	918
603311	1/9	9497	Phila	Norfolk	tubes	1034
54021	1/9	9496	Annapolis	SE Co	Compensator	629
603936	1/11	9518	Anacostia	Pacific Fleet	material	918
603504	1/12	9529	Fur Sea	CC	material	116-G-6
603602	1/11	9499	Washn	CC Listed	Receivers	496
"	1/11	9500	" "	"	"	496
"	1/11	9501	"	"	"	496
"	1/11	9498	"	"	"	496
603988	1/11	9525	Phila	NL	Valves	797
607988	1/11	9526	"	PH "	"	797
607988	1/11	9524	"	Ports	"	797
603988	1/11	9523	Phila	SC Norfolk	Valves	797
607988	1/11	9522	Phila	SC 11	Valves	797
607988	1/11	9527	Phila	SC San Pedro	Valves	797
607988	1/11	9526	Phila	SC Coco Solo	Valves	797
616117	1/12	9469	Eschsch	Hamp Rds	material	918
603669	1/12	9502	N.Y.	Bar Harbor	material	320-2

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Number.	Date.	From or To—	Subject.	
569182	1/12	9535 Phila	Cranes	Material 797
569182	1/12	9533 Phila	Codd	material 797
569182	1/12	9534 Phila	FR	material 797
595937	1/13	9542 NY	SO ship	machine 1206
603868	1/12	9516 NY	Point Isabel	material 853
543897	1/13	9537 Phila	San Diego	Radio Tels 689
597617	1/13	9541 Washn	Comat Washn	material 791
597617	1/13	9540 SC Phila	Aircraft Eng. Mfg	Dynamos 791
605968	1/13	9546 SC Phila	Comat Phila	Flapper valve 797
596644	1/13	9539 Washn	My West	Spare 817
603946	1/13	9538 Boston	Bu Standards	wire 916
604693	1/16	95477 Hqd Rds	TC Amplolis	Searchlight 920-1
604893	1/18	9563 Brook	SC Pug Snd	material 4-C-6
604892	1/18	9547 Brook	SC Pug Snd	equipment 1-R-6
604892	1/18	9546 Washn	SC Pug Snd	Equipment 1-R-6
569747	1/18	9545 Phila	Craha	Telephone 902
605094	1/19	9507 Phila	CO Amecotia	Condenser 747-15
597617	1/1	9542 Phila	SC 10 ton	equipment 791
603868	1/19	9506 Washn	Amecotia	material 916
605094	1/19	9508 Phila	Bu of Air Mfg	wavemeters 747-15
603868	1/19	9518 Phila	SC Codd 10	valves 797
602968	1/19	9504 Phila	SC Buff	Valves 797
604950	1/20	9517 Amplolis	Comat Phila	Compensators 797

[OVER.]

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Number.	Date.	From or To—	Subject.	
54124	12/12	9359 GE	SO NY Generator	619
501795	11/14	9360 Phila Pbg End	CO TEXAS ships listed receivers	898
600290	11/14	9362 Phila	CO NY Files	898
599689	12/14	9361 Phila	CO Boston tubes	920-2
600299	12/15	9378 Washn	CO apparatus	854-771
595967	11/15	9382 Ports	CO NY machine	1206
42141	11/19	9379 Brook	CO NY arc sets	689
582453				
600795	11/21	9381 Washn	Co's listed material	584-7
600507	11/23	9388 Washn	CO P H amplifiers	852
543897	12/23	9396 S Brook	Washington telegraph mtl	689
601846	12/27	9409 Annapolis	CC Sound Ronic Range	791-7
597817	11/23	9400 Washn	CO Boston material	791
597817	11/23	9399 Phila	CO Boston dynamos	791
556214	11/23	9401 Washn	Annapolis material	920-1
589658	11/28	9413 NY	Washn Receivers	240-Q-5
601954	11/28	9412 Great L	Les CO Boston material	802-1
600810	11/29	9414 Washn	CO receiver	400-6
601847	11/27	9410 Bilboa	CO PHM material	716-1
601848	11/28	9411 GE	CO Equipment	716-43
586911	11/29	9415 Pbg End	CC material	898
601178	11/29	9417 Phila	Quintico material	918
602177	11/29	9416 Washn	CO NY Rus Pigeon loft	1207

Number.	Date.	From or To—		Subject.	
602510	1/3	To S&A	9449	Reest shipment of Arc Carbons from Washn	167-6
602441	12/31	9427	Phila	to SC W	
602514	12/31	9450	Boston	Ham Rds material	918
602455	1/3	9430	Boston	SC NY machine	1206
602447	1/3	9447	Washn.	SC Eng End material	4-C-6
602448	1/3	9448	Washn.	SC Eng End equipment	4-C-6
542370	1/2	9429	LI	Inspr Cramps Equipment	9-7-6
602445	1/3	9446	Phila	SC Eng End transmitter	387-6
602440	1/3	9418	Washn.	SC 15 list material	802-1
602440	1/3	9419	Boston	CC ships 111100 receivers	898
602444	1/3	9448	Phila	CC ships 111100 Receivers	898
602444	1/3	9444	Washn.	SC Eng End insulators	911
602605	1/4	9456	Ham Rds	SC Eng End insulators	911
600610	1/5	9419	Phila	Atl Fleet - Ham Rds material	918
602445	1/3	9445	shn	to Washn motor buzzer	747-15
601954	12/31	9451	9 Dist	CO buzzer blinkers	set 697-771
602819	1/5	9457	Boston	SC Philk batteries	802-1
85327	1/5	9458	Washn.	SC Washn Condensers	802-1
603125	1/5	9472	Washn	Natl Alko Co Receivers	5-9
603303	1/5	9476	Washn	SC Norf Equipment	421-6
602959	1/5	9470	Phila	Washington Batteries	459-6
602662	1/5	9471	Phila	CO Condenser	562-6
603124	1/5	9480	Washn	PL battery	574-8
				CC Ahacottia amplifiers	776-43

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Number.	Date.	From or To--		Subject.		
597098	11/26	9253	NY	SO Washn	material	324-6
597402	11/28	9196	Washn	Lake	transmitter	159-0-6
597669	11/28	9273	Washn	CO	material	218-Q-6
589872	11/29	9274	Washn	NL	material	86-0-6
597448	11/29	9282	Washn	CO	material	244-Q-6
596410	11/30	9284	Washn	Pug Snd	apparatus	573-6
592929	11/29	9259	Porta	SO NY	machine	1206
592475	12/1	9294	Boston	SO Anacostia	Cable	918
570412	12/1	9296	NO	DC NY	machine	1206
589872	12/2	9286	Washn	CO	Tube	86-0-6
597582	12/2	9285	Washn	Anacostia	Condenser	817
581388	12/2	9298	Brook	SO Phila	Spark Gap	628
589872	12/6	9323	Washn	NL	material	86-0-6
598373	12/6	9320	Washn	SO Pug Snd	material	573-6
598358	12/6	9301	Phila	SO Pensacola	material	716-38
598359	12/6	9321	Washn	Anacostia	material	817
598302	12/6	9318	NY	Lowenstein Radio CO	Buzzers	898
595207	12/5	9302	Washn	Pt Lookout	transformers	1034
597465	12/5	9312	Phila	SO ship	battery	232-Q-6
50450	12/7	9325	Washn	Pacific Fleet via Union	material	609
595992	12/7	9324	Washn	CO	material	254-771
598360	12/6	9302	NY	SO Washn	Equipment	787-1
50450	12/7	9335	GE	Anacosti	equipment	629

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Number.	Date.	From or To—		Subject.		
598092	12/8	9341	MI	SO Ship	batteries	116-C-6
598714	12/9	9352	Hamp Rds	Santo Domingo	armature	611-B
599195	1/9	9339	Washn	SO NY	material	46-B-6
599020	12/9	9345	Washn	SO Norf	receiver	165-Q-5
598490	12/10	9347	Washn	SO Phila	material	23-E-6
599194	12/9	9338	Washn	SO Boston	equipment	455-5
599196	12/9	9340	Washn	SO NY	material	481-6
596501	12/10	9351	Annapolis	CC	material	481-7
599406	12/10	9349	Norf	CC	phonograph records	797
595531	12/8	9337	Washn	Union	tubes	898
599193	12/8	9344	Washn	Pacific Fleet	material	898
566627	12/10	9346	Atl Fle	SO Aircraft	material	918
566670	12/10	9348	Phila	SO Boston	tubes	918
598207	12/10	9350	Washn	Norf	transformers	114
598868	12/10	9353	Washn	SO MI	receivers	240-A-6
599660	12/10	9355	Brook	SO Great Lakes	Spark gap	854
596640	12/11	9336	Washn	SO Norf	Transformers	904
594622	12/10	9354	Boston	IE	Receiver	898
598408	12/12	9337	NY	Sayville	material	920-8
600596	12/15	9377	Washn	SO	receivers	205-5
600593	12/15	9363	Washn	CC	Receiver	485-6
50450	12/14	9319	Phila	GE	equipments	629

Number.	Date.	From or To--	Subject.	
594000	11/7	9111 Washn	SO Parts	Apparatus 589-6
594478	11/7	9124 Brook	SO Parts	meter Buzzers 80-X-6
589858	11/8	9125 Washn	SO MI	material 240-Q-6
591481	11/8	9132 Phila	SO Norf	material 251-6
591481	11/8	9126 Washn	SO Norf	material 251-6
564968	11/8	9140 Washn	NNs (See S Rqst)	spare parts 771-2
573945	11/8	9141 Phila	Pug Snd	material 918
594320	11/8	9133 Sayville	Washington	wavemeter 920-8
594487	11/9	9147 Washn	Lake Co	equipment 159-O-6
594486	11/9	9146 Washn	Lake Co	Coils 161-O-6
594481	11/8	9135 Washn	CO	material 233-6
594482	11/8	9136 Washn	SO NY	material 898
595029	11/10	9158 MI	Fleet Pacific via Union	material 898
595530	11/14	9191 Washn	NY	material 343-Q-6
595530	11/14	9182? NY	Washington	material 343-Q-6
588631	11/14	9183 Great Lakes	SO Boston	material 854
591339	11/14	9160 Washn	Phila	batteries 882-1
595144	11/14	9161 Washn	Brook	batteries 882-1
595526	11/14	9187 ? MI	SO Cavite	batteries 882-1
595531	11/16	9197 Washn	Pacific Fleet	Tubes 898
595376	11/16	9198 Brook	Bar Harbor	material 920-2
595532	11/16	9199 Washn	San Juan	material 835
596112	11/17	9211 Phila	Washn	Searchlights 1214

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Number.	Date.	From or To—		Subject:		
596393	11/19	9223	Brook	Insp'r Todd	Amplifiers	4-C-6
596393	11/19	9224	Washn	Pug Snd	Receiver	4-C-6
595993	11/18	9215	Wahn	Chasn	Equipment	252-Q-6
595993	11/18	9216	Chasn	SO Washn	Receiver	252-Q-6
595998	11/18	VOID				
596504	11/19	9229	NY	Bu Standards	wavemeter	893-4
592383	11/19	9223	Chasn	Washington	Amplifiers	898
573845	11/19	9219	Phila	MI	material	918
573845	11/19	9222	Phila	PH	material	918
591975	11/18	9217	Phila	Atl Fleet	Equipment	918
596508	11/21	9230	Phila	SO MI	Material	852
596509	11/21	9231	MI	SO Pug Snd	batteries	882-1
590515	11/22	9238	Hemp Rds	USS CUYAMA	laths	~~875-18~~
596933	11/22	9241	Washn	SO MI	Condensers	882-1
596936	11/23	9232	Washn	SO Chasn	material	898
596629	11/22	9233	Norrf	SO Washn	Generator	916
596957	11/23	9250	Washn	CO	material	455-6
568996	11/22	9243	VOID	Ports	modifier for	
596633	11/25	9252	Washn	SO LI	receiver transformers	497 898
597099	11/25	9253	Washn	Bu Eng Washn	Receiver	898
596703	11/26	9257	Norrf	CC	Tube Detector	34-N-6
596639	11/26	9258	MI	SO P H	material	111-Q-6
597098	11/26	9254	Washn	CC	material	324-6

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Number.	Date.	From or To—		Subject.		
583407	10/19	9022	MI	SO P H	material	88-0-6
590928	10/19	9023	Boston	SO P H	material	88-0-6
589985	10/20	9030	Washn	CO	receiver	80-X-6
591311	10/21	9045	Boston	CO	material	529-6
587878	10/21	9032	Norfolk	15 Dist	material	882-3
587878	10/21	9033	Phila	15 Dist	meter Gen	882-3
591339	10/21	9034	Washn	SO Phila	batteries	882-1
591340	10/21	9043	Washn	SO MI	batteries	882-1
271050	10/25	9051	Ports	NY	Elec Mtl	731
591947	10/25	9023	Washn	SO Ports	receivers	588-6
573845	10/24	9020	Phila	SO MI	material	918
573845	10/24	9021	Phila	SO Pug Snd	material	918
573845	10/24	9019	Phila	SO P H	material	918
590923	10/19	9008	Washn	Sayville	wavemeter	920-8
590848	10/25	9059	NY	Washn	search lights	1214
591980	10/25	9054	Washn	CO	battery	24-E-6
591983	10/25	9057	Ports	SO Washn	receivers	588-6
591981	10/25	9055(65) ?	Chasn	SO Phila	battery	882-1
587225	10/26	9063	Washn	SO Ports	material	898
592373	10/25	9058	Chasn	SO Washn	amplifiers	898
592374	10/25	9062	Washn	Companies listed	instruments	900
591982	10/25	9056	Washn	SO Annapolis	material	920-1
589868	10/27	9077	Washn	SO Boston	material	240-Q-6

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Number.	Date.	From or To—	Subject.	
589868	10/28	9081 Washn	Boston material	240-Q-6
592570	10/28	9080 NY	North head cable wire	825
592670	10/28	9079 Washn	Peking pump meter	857
592751	10/29	9082 Phila	Dahlgren Apparatus	918
580044	10/26	9071 NY	SO Ship machine	1206
580044	10/26	9070 Reckaway	each SO NY machine	1206
591982	10/29	9087 Washn	Annapolis magnets	920-1
592981	10/31	9895 Washn	SO Annapolis material	920-1
592865	10/29	9084 Boston	Washn material	1213
593073	11/1	9090 Washn	OO material	455-6
592996	11/1	9089 Washn	Dept material	876
592995	11/1	9088 Anacostia	Quantico pigeons	1207
593426	11/2	9091 Washn	SO Ports material	588-6
593426	11/2	9095 Boston	SO Ports material	588-6
593558	11/2	9094 Washn	SO PH material	8988
593664	11/2	9096 NY	SO Washn material	893
593665	11/2	9097 Phila	SO Washn material	893
569382	11/3	9099 Washn	OO	
590050	11/3	9107 Phila	San Diego	554-6
593769	11/4	9108 Phila	material	918
593901	11/4	9109 Annapolis	SO NY	2-3-7
593904	11/4	9110 Washn	Peking receiving set	857

Number.	Date.	From or To—	Subject.	
565676	10/1	8892 Washn	KI long wave receiver	857
588227	9/30	8911 Phila	Baltimore batteries	874
588026	10/1	8882 Phila	Annapolis Wavemeters	893-4
588027	10/1	8883 Washn	NO Norf Receiver	898
588004	10/1	8889 NO	S. NY machine and accessories	1206
588158	10/3	8894 Washn	SO MI Equipment	857
"	10/3	8895 MI	Peking Equipment	857
"	10/3	8896 Phila	SO MI equipment	857
588025	10/1	8893 Washn	Washn Wave Receiving set	1047
587878	10/5	8920 Norf	Balboa Material	882-3
588157	10/6	8927 Wash	New York Ballast Lamps	711-5
588518	10/3	8921 Wash	Pug 3d Grid Leaks	689-17
588168	10/6	8925 Washn	SO Norf Receiver	195-Q-4
588189	10/5	8926 Washn	SO Pug 3d Condensers	919-42
555313	10/5	8928 Washn	Annapolis portable Radio Set	897-1
588497	10/5	8997 Norfolk	New Orleans Selco unit	678
588761	10/6	8931 Washn	Annapolis radio mtl	807-1
588906	10/6	8950 Washn	GO Amplifiers	20-X-6
588097	10/6	8949 Norf	Annapolis Transmitter	1-Z-6
588631	10/6	8928 Great Lakes	SO Boston Apparatus	854
588158	10/5	8930 Phila	SO New York booth	876
587226	10/6	8937 Phila	Detroit Radio set	918
573845	10/6	8939 Phila	Washn material	918
"	10/6	8940 Phila	Washn material	918

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Number.	Date.	From or To—		Subject.		
573845	10/6	8929	Phila	SO Brook	material	918
579695	10/6	8933	Hackaway	SO Anacostia	material	1207
588156	10/7	3554	MI	Peking	batteries	857
589086	10/8	8951	Annapolis	SO Washn	material	920-1
589587	10/10	8952	Phila	CO Anacostia	wire	918
588027	10/12	8979	Nerf	Annapolis	Receiver	898
589804	10/12	8973	Washn	Comdt Washn	Res unit	898
580720	10/12	8972	NY	CO	material	336-6
589816	10/12	8982	Washn	CO	material	488-6
589595	10/12	8953	Brook	SO Parts	material	588-6
589595	10/12	8971	Washn	SO Parts	material	588-6
545698	10/13	8986	Washn	SO Nerf	Radio compass	283-6
480753	10/14	9001	Washn	CO	apparatus	342-6
589875	10/14	9000	Washn	Annapolis	material	820
589870	10/13	8983	Washn	SO Annapolis	material	920-1
589871	10/13	8984	Phila	Cleveland	material	1004
580491	10/17	9011	Phila	So Brooklyn	cond tubes	627-1
580492	10/17	9012	Nerf	So Brook	cond tubes	627-1
589854	10/18	9002	Wash	War Dept Wash	material	727-1
581786	10/14	9003	NY	Phila	material	918
589872	10/14	8987	Washn	NL	material	86-0-6
590289	10/18	9005	Nerf	CO	material	565-6
590486	10/18	9006	Washn	CO	cell	573-6

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Number.	Date.	From or To--	Subject.	
586302	9/22	8 17 Washn	Brook material	91-Q-6
544874	9/23	8818 Washn	Great Lakes material	854
586583	9/24	8819 Washn	SC Pug Snd transformers	904
575977	9/26	8831 Norf	SC Ballou batteries	810
586691	9/26	8820 NY	CO material	323-6
586062	9/26	8835 Washn	CO material	323-6
586664	9/26	8836 Phila	CO material	323-6
586665	9/26	8838 Washn	Armcoctia material	323-6
586665	9/26	8837 NY	CO material	323-6
589987	9/28	8861 Washn	SO NY material	1650-K-6
588658	9/27	8846 Washn	Guantanamo material	814
584894	9/28	8860 Washn	P H batteries	852
587022	9/27	8857 Balto	CO Norf material	874
587225	9/27	8859 Washn	Ports equipments	898
587225	9/27	8858 Washn	P H Equipment	898
586863	9/27	8856 Washn	Pug Snd Transformers	904
587834	9/30	8881 Washn	CO material	210-Q-6
587692	9/30	8877 Washn	CO Wavemeter	829-6
587824	9/29	8887 Boston	Hamp Rds material	586-21
585877	9/30	8880 Washn	CO Chas material	893-4
587688	9/29	8875 Brook	SO MI Equipment	898
"	9/29	8874 Washn	SO MI Equipment	898
"	9/29	8876 Phila	SO MI Equipment	898
586398	9/30	8879 Brook	SO Washn transformer	904

Number.	Date.	From or To—	Subject.	
581485	8/22	8573 Washn	Pug Snd material	554-6
581710	8/23	8602 Washn	CO transformers	344-Q-6
576693	8/24	8610 Brook	Washington Receiver	231-Q-6
576694	8/25	8620 Hamp Rds	Washington Receivers	234-Q-6
581447	8-24	8604 Washington	San Diego batteries	736-40
458935	8-24	8607 Puget Sd	CO WYOMING material	875
582314	8/25	8621 Washn	Norrf tubes	46-B-6
581485	8/25	8627 Phila	Pug Snd material	554-6
581485	8/25	8626 Washn	CO via Union material	554-6
580440	8/25	8628 Washington	CO via Union material	592-6
580340	8/25	8629 Phila	SC MI material	592-6
578796	8/25	8630 Norrf	CC via Phila Yd batteries	599-6
582190	8-25	8623 Wash	M.I. batteries	882-1
582190	8-25	8622 Wash	Mare Island radio matrl	882-1
505248	8-24	8619 Wash	Darien matrl	898
562915	8/26	8635 Phila	Pug Snd spare parts	121-6
582192	8-25	8625 Phila	Anacostia matrl	736-45
582193	8/26	8631 Wash	Annapolis sound	797
481440	8-26	8632 GE	Wash radio circ matrl	898
582195	8-26	8633 Phila	Wash radio vac tubes	898
582717	8/30	8693 Washington	San Diego Amplifier	825
582196	8/30	8634 Washington	SC Annapolis Generators	842-3
579789	8/30	8683 New Orleans	Washington Material	898

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Number.	Date.	From or To—	Subject.	
580340	8/31	8698 Washington	MI material	592-6
580340	8/31	8697 Boston	MI material	592-6
580515	8/31	8696 Brook	Pt Isabel material	853
580515	8/31	8695 Phila	" material	853
579942	8/30	8664 NO	Brook material	898
582710	8/30	8694 Phila	Anacostia equipment	918
583079	9/1	8699 Washn	Annapolis material	920-1
582892	9/2	8723 Phila	SO Ship batteries	39-N-6
582711	9/1	8702 Anacostia	Hamp Roads material	1207
583407	9/2	8704 Washn	MI material	88-0-6
583157	9/2	8717 Washn	CO material	60-X-6
582196	9/2	8718 Washn	Annapolis generator	882-3
582196	9/2	8719 Washn	SO NY Generator	882-3
583407	9/2	8716 Phila	Washn Wavemeters	893-4
"	9/2	8716 Phila	Washn "	893-4
577420	9/2	8703 Phila	Pug Snd spares	919
583960	9/6	8726 Washn	SO NY Apparatus	1-P-6
576693	9/7	8727 Brook	CO Receiver	231-Q-6
573208	9/7	8730 Brook	CO spareparts	463-6
583967	9/8	8743 Great Lakes	Doston material	843
583903	9/9	8747 MI	CO Vacuum tube	138-6
584488	9/9	8744 Norf	Annapolis Apparatus	820
583966	9/7	8729 Anacostia	Dayton material	918
584400	9/9	8746 Boston	Washn telephone	919-71

Number.	Date.	From or To—	Subject.	
579769	8-11	8448 NO	Wash radio material	898
579474	8-10	8438 Wash	Wash landing Field radio material	1213
579764	8-10	8440 Expr Sta	Ports subm material	99-0-7
579941	8-11	8450 Wash ngton	CO N. M. SYLVANIA material	130-6
579767	8-12	8477 Wash	Ham Rds radio material	736-39
580175	8-13	8480 Airc Fccty Phila	CO Rockaway stg batteries	736-39
580489	8-15	8481 NSD	Chasen material	898
579568	8-16	8482 Wash	Quantico detector	1050
580720	8/16	8525 Boston	Balboa Telegraph	336-5
580499	8/16	8524 Washingt n	USC BUSHNELL Telegraph	515-6
580340	8/16	8526 Boston	Mare Island Telegraph	592-6
575843	8-16	8527 NSD	Norfolk radio matrl	898
580401	8-17	8528 Ham Rds	Phila trans and rec sets	918
580401	8-17	8529 Santo Dominge	Phila trans and rec sets	918
580401	8-17	8530 San Diego	Phila "	918
580998	8-18	8543 NY	CO FLA radio piloting cable	711-5
580998	8-18	8544 NY	CO BRIDGE radio piloting cable	711-5
580998	8-18	8545 NY	HOPKINS "	711-5
580998	8-18	8534 NY	ARKANSAS "	711-5
580998	8-18	8542 NY	WYOMING "	711-5
318197	8-18	8533 Hamp Rds	Phila AF matrl	918
581114	8-19	8559 Phila	Rockaway radio batteries	736-39
581493	8-20	8571 Phila	Lakemurst radio batteries	736-55
580997	8/18	8531 NY	Lakemurst cable	736-55

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Number.	Date.	From or To—	Subject.	
581483	8-20	8563 Phila	Pearl Harbor	radio material 7 6-60
580998	8-18	8546 Phila	Ports	compensators 797
580515	8-18	8532 Phila	Point Isabel	changer 853
581228	8-19	8560 Phila	Coco Solo	wavemeter 893-4
463146	8-19	8562 Phila	Ports	wire 907
581484	8-22	8572 Washington	Pearl Harbor	radio receivers 735-60
565798	8-22	8596 Tacoma	Puget Sd	switches 876
581482	8-20	8561 Washington	Ports	insulator 911
581786	8-22	8588 Brooklyn	Phila	fans 918
581790	8-22	8597 Anacostia	Schenectady	radio trans 918
581498	8-22	8590 Cape May	Guam	pigeons 1207
581497	8-22	8589 Cape May	Great Lakes	pigeons 1207
581785	8-22	8594 Rockaway	Pearl Harbor	pigeons 1207
581494	8-22	8575 Rockaway	San Diego	pigeons 1207
581491	8-20	8569 Cape May	Anacostia	pigeons 1207
581489	8-20	8568 Anacostia	Pearl Harbor	pigeons 1207
581492	8-20	8570 Rockaway	Anacostia	pigeons 1207
573936	8/22	8585 NO	Pug Snd	batteries 131-6
581486	8/22	8591 Washington	Norf	material 251-6
580340	8/22	8574 Washington	LI	material 592-6
544828	8-23	8603 MI	Oakland	radio material 704
544828	8/23	8604 Wash	Oakland	" 704
581795	8-23	8605 Annapolis	Cambridge	sound 797

Number.	Date.	From or To—		Subject.		
577424	7/28	8306	Wahhn	NY	Radio Tele	323-6
569186	7/29	8326	Chasn	Boston	Sound proof Booths	4-C-6
569187	7/29	8325	Chasn	Phila	Sound proof booths	9-C-6
53482	7-30	8336	Anacostia	Brooklyn	fan	629
577774	7-30	8337	M Island	Darien	insulators	851
577773	7-30	8335	Wash	Darien	ammeter	851
577773	7-30	8334	Phila	Wash	"	851
577430	7-30	8329	Worktown	Phila AF	airc radio matrl	918
577777	7/30	8347	Wash	NY	receivers	898
577772	7/30	8328	Rockaway	Phila AF	Radio	918
46681	8-1	8346	Washington	Jersey City	propellers	629
577866	8/1	8359	Wash	Charleston	material	807
577860	8/1	8354	Wash	Gothen	material	808
577867	8/1	8360	Wash	Naval aca	amplifier	820
577861	8/1	8355	Wash	New Orlns	radio receiver	821
577858	8/1	8350	Wash	Darien	"	851
577781	8/1	8349	Nerf	Darien	radio	851
577863	8/1	8358	Wash Bu Stc	Wash	ammeters	893
577862	8/1	8357	Phila	Balboa	amplifier	893-4
577862	8/1	8356	Wash	Balboa	wavemeter	893-4
577780	8-1	8348	Anaces	H Rd.	gen	918

Number.	Date.	From or To--	Subject.	
578280	8-2	8363 Washington	Cape Mala phones	793-8
578279	8/2	8362 Washington	Puerto Obaldia "	793-8
578282	8-2	8379 Phila	San Diego condensers	918
576691	8/2	8362 Wash	Otter Cliffs amendment of 8288	919-3
578290	8-3	8383 Wash	Melville material	791
578290	8-3	8382 Norf	Melville gaskets	791
578290	8/3	8381 Boston	Melville material	791
542320	8/3	8395 Wash	Key West rectifier	861
566522	8/5	8397 Wash	NY Sockets	323-6
574121	8/8	8419 PS	I detector,	125-2-6
578785	8/6	8399 NY	Mizabloth NJ telephone set	323-6
577776	8/8	8338 Wash	Bu Blinker sig sets.	898
579252	8/8	8418 Air Fact	Pac Air Force Deslauriers Propellers	918
578906	8/6	8398 Wash	Cape Hatteras Vacuum tube detectors.	1002
552468	8/8	8417 Wash	Cristobel Batteries.	727-1
576691	8/9	~~Wash~~ 8420 Wash	Otter Cliffs batteries	919-3
579577	8/10	8421 Wash	USS UTHA Receivers etc	455-6
47403	8-11	8452 GE	Phila power equipment	629
579767	8-10	8441 Wash	Ham Rds braid	736-31
579768	8-10	8442 Norf	Phila sound material	797
579942	8-11	8451 N. Orlns	NSD material	898
579770	8-11	8449 NO	Norf material	898

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565801	7-16	7554	Wash	Key West	compens condensers	919-1
565802	7-16	7555	Wash	New Orleans	compensating condensers	919-1
574755	7/18	8152	Wash	CO	Receiver	83-Q-6
575176	7-19	8153	Boston	Pearl Harbor	wire	852
572062	7/19	8189	N.Y.	Lakehurst	amendment of 8045	919-79
575843	7/20	8217	S Brook	NY	telegraph	222-6
574571	7/19	8191	Norfolk	Hog Island	unit	604-22
574571	7/19	8192	Wash	Cape Hatteras	receiver	604-22
575836	7/18	8193	Wash	Pensacola	transformers	827
428558	7/19	8190	Wash	Bur Stds	amend of shipt ord	916
575838	7/20	8214	Wash	Annapolis	resistance tubes	920-1
575840	7-20	8216	Wash	Anacostia	adapters	736-43
573292	7/20	8215	Anacostia	Brook	cans of 8074	882-1
489767	7/21	8218	Wash	Phila	amend of 2397	771-2
575432	7/23	8247	Norfolk	MI	castings	797
575854	7/22	8250	Wash	Guantanamo B	receivers	814
575839	7/22	8248	Airc F ac	Lakehurst	tube	898
576680	7/25	8264	Guantanamo	Wash	receivers	814
576687	7-25	8265	Wash	CO	panel	190-Q-6
575565	7/23	8267	Wash	CO TURKEY	panel	13-S-6
574571	7/25	8275	Norfolk	Hog Island	batteries	604-22
575565	7/23	8267	Wash	Prisco	panel	13-S-6
504784	7/26	8285	Wash	PH	"	92-C-6

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Number.	Date.	From or To--	Subject.	
518348	7/26	8283 Wash	Frisco panel	33-S-6
574567	7/26	8285 Wash	N.Y. "	572-6
574566	7/26	8284 Wash	NY panel	571-6
576689	7/26	8286 Wash	NNs panel	46-B-6
576690	7/26	8287 Boston	NNs Telegraph	46-B-6
550371	7-27	8304 Wash	Phila detectors	771-2
573839	7-27	8303 Airo Fauty	Washington transmitters	918
576691	7-26	8288 Wash	Otter Cliffs rec equipment	919-3
577425	7-27	8307 NED	CO ASHEVILLE radio amplifier	22-G-6
576696	7-27	8305 Wash	CO Tennessee radio receivers	573-6
576853	7-29	8319 M.I.	Naval Acad insulators	911
577426	7-29	8322 Phila	Great Lakes spares	919
577426	8-29	8320 Phila	NO "	919
577426	7/29	8310 Phila	Norf "	919
577486	7/29	8323 Phila	MI spares	919
577426	7/29	8321 Phila	Pensacola "	919
577426	7/29	8312 Phila	Key West "	919
577426	7/29	8308 Phila	Boston "	919
577426	7/29	8324 Phila	Puget Bd "	919
577426	7/29	8311 Phila	Chasn "	919
577426	7/29	8309 Phila	NY "	919

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Number.	Date.	From or To—	Subject.	
588685	7/5	7892 Brook	Washington material	599-6
564887	7/5	7503 Phila	Operas Material	918
572894	7-5	8048 Wash	Maro Island radio receivers	771-2
572860	7-5	8023 Wash	CO QUINCY radio receiver	898
572851	7-5	8024 Boston	CO QUINCY transmitter	898
570559	7-7	7911 Phila	Pt Scrivens (Amendment of)	919-73
563746	7-8	7877 NSD	gangs of.	734-50
572477	7-8	8052 Wash	Guam transformers	813
572863	7-8	8046 Anacoe	Crocker Wheeler generator	882-3
573620	7-8	8050 Brook	Anacoe fans	918
570660	7-7	7912 Wash	Amendment of	919-75
572062	7-8	8045 NY	Lakehurst cable wire armor	919-79
573290	7-8	8053 Anacoe	Ha Rds pigeon matri.	1207
571575	8/8	8051 Brook	CO Buzzers	46-B-6
571575	7/8	7971 Boston	BNs Buzzers	46-B-6
573836	7/9	8073 Washington	SO NY Wavemeter	130-6
571789	7-9	8070 Wash	Great Lakes vac tubes	707-11
541785	7-9	8069 Phila	Wash radio instruments	902
572183	7/12	8091 Brook	FR Arc Sets	7-C-6
572175	7/12	8088 Brook	FR Arc Set	8-C-6
572447	7/12	8089 Washington	Cramps Arc Set	11-C-6
572450	7/12	8110 Washington	Cramps Arc Set	12-C-6
572446	7/12	8111 Washington	Cramps Arc Set	13-C-6
543796	7-12	8086 Phila	North River NY City trans equip	793-8

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Number.	Date.	From or To—	Subject.	
572031	7/12	8118 NY	50 ELLIS Buzzers	154Q-6
444425	7-12	8090 Wash	Canc of shipt order of 1/3	727-1
572949	7-12	8087 Wash	Key West transformers	817
573292	7-12	8074 Anacostia	Brook condenser	882-1
573621	7-12	8072 Airc Fact	Detroit Scout Lab. inter com sets	918
573839	7-12	8071 Phila AF	Wash airc trans	918
573840	7-13	8126 CO HURON	Wash radio receiver	898
573848	7-13	8125 Wash	CO HURON radio rec	898
573291	7-13	8068 CO PENN	Wash Dept. insulators	911
573842	7-13	8114 Phila	Amagansett coil system	919
570660	7-13	8134 Phila	Tybee Island stg batteries	919-73
574311	7/13	8128 Washn	Cavite Arc Chamber	408-6
573208	7/13	8123 Chasn	CO Equ. lphent	466-6
573208	7/13	8124 Washn	CO Equipment	466-6
573841	7-14	8113 Ham Rds	Phila AF trans equipments	898
574568	7-14	8130 Anacostia	Lakehurst trans	898
574572	7-14	8131 Wash	Rockaway radio matrl	898
413764	7-14	8132 Wash	Chasn canc of shipt order of 12/8/19	898
573854	7-14	8129 Norf	Bur Stds insulator	911
569382	7/14	8127 CO	Washington Decrometer	554-6
555734	7-15	8151 Ham Rds	Airc Facty spark transam	918
574750	7-16	8150 Phila	Airc Fac avia airc radio matrl	918
574748	7/16	8149 Anaces	Deslauriers Column fans	918

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Number.	Date.	From or To		Subj ect.		
568626	6/20	7908	Norfolk	NMAs	battery	46-B-6
569986	6/21	7895	Phila	SO Chasn	Dial 570-6	
563055	6-20	7905	Boston	NSD-MI Cavite	batteries	882-1
570662	6-22	7934	Anacostia	Hamp Hds	radio condensers	918
570671	6-23	7937	Phila	Chasn	wave changer	807
570648	6-23	7938	Wash	Naval Observatory	amplifier	916
570660	6-23	7912	Wash	Ft Scrivens	matrl see 919-73	919-37
570665	6/23	6935		Ma	Tube detector	46-B-6
569981	6/23	6936	Washington	CO	material	130-6
571115	6/23	7945	Washington	CO	material	130-6
571260	6-24	7947	Norfolk	Mare Island	Delco units	919-1
571259	6-24	7948	Norfolk	Puget Bd	Delco units	919-1
570859	6-24	7911	Phila	Ft Scrivens	Ty see matrl	919-73
571572	6-27	7961	Wash	Alpena	radio material	870
571571	6-27	7960	Wash	Detroit	radio material	1005
569976	6-27	7858	Anacostia	San Diego	pigeons	1207
571571	6-27	7959	Washington	CO	Buzzer, Blinker prac set	511-6
571569	6/27	7946	Brook	CO	Receiver	571-6
~~571680~~	~~6/27~~					
568009	6-28	7725	GL	NSD	amendment of	911
571428	6-30	7989	Wash	Port au Prince	wave meter	865

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Number.	Date.	From or To--	Subject.	
571575	6/28	7971 Boston	NNe Buzzers	45-B-6
571866	6/29	7974 Washington	NL Amplifier	85-O-3-6
571819	6/29	7973 Washington	CO Material	529-6
572178	6-30	7975 Wash	Bureau Stds vac tubes	896
572185	6-30	8008 Wash	Anacostia vac tubes	898
572172	6-30	7993 M. Island	Bur Stds radio relay	908
526712	6-30	7994 M. Island	Anacostia radio relay	908
572177	6/30	7992 M. Island	Tedd Are set	6-C-6
572175	6/30	7990 Brook	FR Are set	8-C-6
572449	7/1	8016 Norf	30 Washington Are Set	48-B-6
572176	7/1	7991 MI	Tedd Are Set	5-C-6
572183	7/1	8007 Brook	FR Are Sets	7-C-6
572448	7/1	8010 Washington	Cramps Are Set	10-C-6
572447	7/1	8015 Washington	Cramps Are Sets	11-C-6
572450	7/1	8017 Washington	Cramps Are Sets	12-C-6
572446	7/1	8009 Washington	Cramps Are Set	13-C-6
572450	7-1	8018 Wash	San Pedro Sub Base receiver	1013
570660	7/2	7912 Washington	Tybee Island Material	919-37
529187	7/2	7823 Chasx	Cramps Boats	9-C-6
578677	7-5	8022 Wash	Airo Recty radio material	896
572864	7-5	8047 Wash	Guam radio material	904
572451	7-2	8019 Wash	Inglewood wavemeter	1013
571578	7/5	8021 Brook	NYS Equipment	45-B-6
571577	7/5	8020 Brook	NNe Equipment	48-B-6

Number.	Date.	From or To—	Subject.	
552379	6-10	7776 Mare Island	Pearl Harbor stor& batteries	882-1
541201	6-11	7790 Washington	Puget Sound radio	809
558535	6-11	7795 Phila	San Diego storage batteries	918
558870	6-11	7786 Phila	Harvard University radio trans	9 18
555099	6/11	7789 Boston	Lake Radio Telegraph	159-40-6
568871	6/11	7787 Washington	MI " Receiver	592-6
568872	6/11	7788 MI	Washi cten Receiver	592-6
568625	6/13	7799 Brook	Inspr NN Batteries	46-B-6
568623	6/13	7798 Phila	NNs batteries	46-B-6
568624	6/13	7800 Boston	NNs Batteries	46-B-6
567963	6/13	7797 Pug Snd	SO Washn re jector	131-6
568629	6/13	7801 Phila	SO MI batteries	592-6
569190	6/14	7820 Washn	NNs Buzzers	
569184	6/14	Te-SO 7803 Washn	SO MI Porcelain Insulators	592-6
568625	6 /13	7799 } ?? Brook	Inspr NNs Batteries	46-B-6
568624	6 /13	7799 } ?? Brook	Inspr NNs Material	46-B-6
569591	6/15	7827 NNs	SO Washington receiver	46-B-6
569185	6/15	7821 Chasn	Inspr Todd Boeths	4-C-6
569186	6/15	7822 Chasn	Inspr ER Boeth	8-C-6
569187	6/15	7823 Chasn	Cramps Boeths	9-C-6
569188	6/15	7824 NY	Cramps Boeth	10-C-6
569189	6/15	7825 Phila	Cramps Boeth	11-C-6
567100	6/15	7826 Washington	CO Magnavox	323-6
569455	6/16	7852 MSD	Hamp Rds material	761
569455	6/16	7851 Phila	Hamp Rds amplifier	761
565998	6-16	7829 Annapolis	Boat cans of 7589	797

Number.	Date.	From or To—		Subject,		
569600	6-16	7856	Anacostia	Brooklyn	radio condenser	918
569610	6/16	7850	Washn	CO	material	150-Q-6
569643	6/17	7878	Breck	NNa	material	45-B-6
569981	6/17	7888	Washn	CO	material	130-6
569597	6/16	7853	Phila	Pensacola	radio	736-38
563746	6-17	7877	NSD	Phila AF	radio	736-50
566143	6-17	7563	Wash	Guantanamo	radio	814
569974	6/17	7857	Wash	Cambridge	matrl	898
569598	6-17	7854	Phila	Puget Sd	radio comp equip	919
563746	6-18	7876	NSD	Phila	radio	736-50
568630	6-17	7879	Boston	Newport	radio	902
511587	6-18	7889	Anacostia	GE	radio matrl	918
570025	6/18	7890	Washn	NNa	material	45-B-6
569747	6-20	7893	Boston	Omaha	radio telephone	902
569986	6-20	7894	Phila AF	Hamp Rds	radio material	918
568626	6/20	7896	Boston	NNa	batteries	46-B-6
568626	6/20	7908	Narf	NNa	battery	46-B-6
568685	6/20	7892	Breck	CO Phila	material	599-6
568685	6/20	7891	Washington	Phila	material	599-6
565015	6-21	7910	Wash	Quantico	apparatus	761
570061	6-21	7909	Anacostia	Quantico	feed for pigeons	1207

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Number.	Date.	From or To—		Subject.	
560802	6/1	7564	Norf	Phila	Material 51-S-6
560802	6/1	7565	San Phila	Co Phila	Telephone 51-S-6
566910	6/2	7567	Washn	SO Philaz	Material 159-2-6
566909	6/2	7566	Washn	SO NY	Material 157-2-6
566911	6/2	7568	Washn	SO Norf	Material 152-2-6
566137	6/1	7641	Washn	SO Norf	Condensers 522-6
566462	6-2	7571	Washington	Cavite	transformers 896
566917	6-3	7572	Wash	Norfolk	equipment 678
~~566917 6-3~~					
521084	6-3	7642	Wash	Puget Sd	transformers 689-17
564554	6-3	7570	Wash	San Diego	radio matrl 736-40
564554	6-3	7569	Phila AF	San Diego	radio matrl 736-40
566530	6-4	7636	Phila	San Diego	propels 736-40
566920	6-3	7573	Norf	Phila	appr 797
567312	6-3	7644	Wash	Phila AF	aviation 918
547104	6-4	7647	Phila	San Diego	radio 736-40
565677	6-4	7649	Wash	Cavite	radio rec set 806
565782	6-4	7650	Wash	Guam	rec set 813
565676	6-4	7648	Wash	Peking	rec set 857
567316	6-4	7665	Wash	E.I.	radio matrl 876
567314	6-4	7663	Anacost	GE	trans set 918
567313	6-4	7646	Phila	Hamp Rds	matrl 918
563175	6-4	7643	Wash	San Juan	switches 920-4
565783	6-4	7666	Wash	Pearl Harbor	rec set 1035
566622	7/4	7645	Phila	CO	Apparatus 323-6
567315	7/4	7664	Washn	SO Ports	insulator 389-6
565787	8/7	7670	Wash	Puget Sd	rec set 809

Number.	Date.	From or To—	Subject.	
567328	6-7	7719 Wash	Challos Heights arc key	830
565786	6-7	7668 Wash	North Island rec set	833
565786	6-7	7669 Wash	Puget Ed rec set	833
565789	6-7	7672 Wash	San Juan rec set	835
565791	6-7	7717 Wash	Dept Wash rec set	841
565784	6-7	7667 Wash	M.I. rec set	842
567330	6-8	7721 Wash	Boston arc key	843
565766	6/7	7671 Wash	Halboa rec set	850
568005	6-7	7722 Wash	Great Lakes arc key	854
565983	6/7	7647 Wash	Gr Lakes compsn condensers	919-1
565982	6/7	7641 Wash	Puget Ed condensers	919-1
567329	6-8	7720 Wash	Bar Harbor arc key	920-2
565790	6-7	7716 Wash	" rec set	920-2
567327	6-7	7718 Wash	Inglewood arc key	1013
568006	6/7	7724 Washington	Duluth Radio receiver	202-6
510429	6-87	7732 Wash	New Orlns radio equipment	821
568009	6-8	7725 GL	NSD insulators	911
511533	6/9	7734 Phila	NYS Bath	45-B-6
568018	6/9	7759 Washn	WNe Material	46-B-6
568017	6/9	7735 Washn	SO MI Material	592-6
568020	6-10	7761 Brook	Anacostia material	882-1
568015	6-9	7733 Annapolis	Bureau Stds radio	911
568023	6-9	7762 Airc Pac	Hamp Rds matrl	918
568019	6-10	7760 Wash	Airc Pac Phila radio matrl	918

Number.	Date.	From or To—		Subject.		
565303	5-23	7509	NSD	Hamp Roads	radio material	918
564888	5-23	7508	Wash	Hamp Rds	"	918
521207	5/24	7511	Washn	Boston	Apparatus	17-K-6
565304	5-24	7510	Anacostia	Yorktown	pigeons	1207
446378	5-25	7501	Pensacola	Norfolk	sound detector	735-2
565666	5-25	7513	Airc Fco Phila	Anacostia	aviation matrl	736-43
564968	5-25	7517	Wash	Norfolk	spare parts	77322
565667	5-25	7512	Anacon	Phila AF	radio airc propellers	918
565668	5-25	7514	Anacon	Quantica	"	918
564089	5/25	7549	Washn	CO	Receiver	550-6
544828	5-26	7558	M. Island	Oakland	radio equipmt	704
544828	5-26	7557	Wash	M. Island	"	704
544828	5-26	7559	M. I.	Oakland	"	704
559604	5-26	7540	Wash	Chasn	mast	807
568530	5-26	7548	Norfolk	Wash	trans set	898
565793	5-26	7542	Wash	Norfolk	coils	898
565794	5-26	7544	NSD	Quantica	material	1049
565794	5-26	7546	Norfolk	"	"	1049
565794	5-26	7545	Wash	"	"	1049
565671	5/26	7516	Chasn	Norfolk	Material	46-B-6
566000	5-27	7543	PH	Wash	radio	126-6
564880	5-27	7588	Puget Sd	Wash	radio receiver	562-6
565998	5-27	7589	Expr Sta	Boston	receiver	797
562952	5-26	7550	Wash	NY	condensers	919-1

Number.	Date.	From or To—		Subject.		
565981	5-27	7556	Wash	Mare Island	condensers	919-1
565800	5-27	7553	Wash	Chash	"	919-1
562954	5-27	7552	Wash	Norfolk	"	919-1
562953	5-27	7551	Wash	Phila	"	919-1
565986	5-27	7585	Wash	Annapolis	"	920-1
565987	5-27	7585	Wash	Bar Harbor	"	920-2
554547	5-31	7625	NO	Phila	Amendment of 7680	689-9
565991	5-31	7592	Wash	Pensacola	wave meter	736-38
565990	5-31	7590	Wash	Rockaway	wave meter	736-39
565990	5-31	7591	Wash	Ham Rds	"	736-39
565993	5-31	7594	Wash	San Diego	"	736-40
565992	5-31	7593	Wash	Coco Sale	"	736-41
565994	5-31	762 ⁰	Wash	P. Harbor	"	736-60
566200	5-31	7629	Norfolk	Phila	sound	797
565998	5-31	7587	Norfolk	Coco Sale	sound	797
565997	5-31	7623	Wash	San Diego	wave meter	918
565996	5-31	7622	Wash	Pac Flt	wave meter	918
565995	5-31	7621	Wash	Atl Flt	wave meter	918
523712	5/31	7624	Washin	NY	Apparatus	522-6
566995	6-1	7654	M.I.	Oakland	elec material	704
565015	6-1	7626	Wash	Quantico	radio	761
565015	6-1	7627	NSD	Quantico	radio	761
566134	6-1	7628	GE	Phila AF	radio	918

Number.	Date.	From or To—		Subject.		
563268	5/12	7400	Washn	SO MI	Telephone	592-6
563279	5/13	7409	Washn	SO Pug Sound	Telephone set	494
550574	5-14	7417	Phila	NY	Canc of 7334	1-P-6
550574	5-14	7418	Wash	N.Y.	radio trans	1-P-6
562949	5-14	7358	Wash	LYKENS	radio detectors	876SP
563569	5-14	7416	Puget Bd	Wash	radio receivers	121-6
563568	5-14	7415	Wash	Puget Bd	radio receivers	121-6
563279	5-14	7413	Wash	Puget Bd	tela sets	554-6
563280	5-14	7414	Wash	NY	telephone	573-6
563271	5-14	7402	Wash	Marshfield	amplifier	801
563272	5-14	7403	Wash	Guam	amplifiers	813
563272	5-14	7404	Wash	Pearl Harbor	amplifier	1035
563275	5-16	7407	Washington	San Diego	amplifier	830
563573	5-16	7419	Wash	Ware Island	radio receiver	812
563277	5-16	7408	Wash	Ware Island	amplifiers	842
563274	5-14	7405	Wash	Tutuila	amplifier	846
563275	5-16	7406	Wash	Peking	amplifier	857
560802	5/17	7466	Phila	CO	Telegraph	51-5-6
	5/17	7467	Marf	CO	Material	51-5-6
563575	5-17	7422	Wash	Cavite	rec unit	806
563575	5-17	7421	Wash	Cavite	radio receiver	806
563574	5-17	7420	Wash	San Diego	radio receiver	830
563578	5-17	7438	Wash	San Diego	rec unit	830
563579	5-17	7439	Wash	M. Island	rec units	842

Number.	Date.	From or To--	Subject.	
564003	5-17	7464 Anacostia	Pt. Wayne GE Co. dynamotor	918
563577	5-17	7437 Washington	Pearl Harbor receiving unit	1035
Chasn 314	5-17	7451 Norfolk	Chasn battery BB 2/24	1-R
553614	5-18	7446 Miami	Camaguey motor	761
563583	5-18	7443 Wash	Guantanamo receiving unit	814
563585	5-18	7445 Wash	Balboa rec unit	850
563580	5-18	7440 Wash	Puget Sound rec units	833
563581	5-18	7441 Wash	Astoria rec units	872
563582	5-18	7442 Wash	Norfolk rec unit	872
563584	5-18	7444 Wash	N.Y. rec unit	1041
562935	5-19	7470 Phila	Anacostia Case of 7349	756-43
562935	5-19	7471 Wash	Anacostia batteries	736-43
556249	5-19	7472 NSD	Norfolk insulators	771-2
557530	5/20	7482 Boston	Paris Batteries	106-0-6
564859	5/20	7494 Washington	CO Insulator	130-6
562799	5/20	7468 Phila	Pug Snd Radio Compass	280-6
564873	5/20	7496 Norf	Phila sound	797
564871	5-20	7495 NSD	Wash radio trans set	898
564880	5/23	7497 Washn	Pug Snd Radio receiver	862-6
562555	5-23	7498 Wash	Key West transformer coil	704
540144	5-23	7499 Wash	Key West galvanometer	817
563570	5-23	7500 Wash	Puget Sound insulators	911
564887	5-23	7503 Phila	Hamp Rds radio material	918
564886	5-23	7502 Phila	Hamp Rds "	918

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Number.	Date.	From or To—	Subject.	
558547	4/23	7089 Washn	Annapolis	Cable 920-1
559202	4/26	7150 Phila	Hamp Rds	Telegraph eqpt 918
559613	4/26	7151 Phila	Lakshurst	Condenser 919-79
559820	4/26	7163 Phila	NN	Transmitter 46-B-6
559821	4/26	7162 Washn	Norf	Equipment 46-B-6
559616	4/26	7153 Boston	Inspir NN	Material 46-B-6
559629	4/27	7164 Washn	Phila	Radio receiver 918
559920	4/26	7170 Norf	Cape Lookout	Battery 919-8
559880	4/27	7168 Brook	Boston	Receiver 369-6
559148	4/25	7158 MI	Cavite	Batteries 211-Q-6
555974	4/29	7167 Brook	Amer legation Managua	spare parts 858
560066	4/28	7194 Washn	Peking China	Arc key 857
556846	4/28	7198 Washn	Gorderva	Key 809
556210	4/26	7152 Boston	NN	Material 46-B-6
560067	4/28	7195 Brook	NN	Transmitting set 46-B-6
560068	4/28	7196 Washn	CO	Telephone 573-6
552846	4/28	7200 Phila	Norf	Compass 516-6
555912	4/28	7201 Norf	N e	Transmitter 327-6
553901	4/28	7202 Washn	Daks Os	Insulators 159-0-6
559308	4/28	7193 Norf	Annapolis	Equipment 920-1
560801	4/30	7230 Brook	CO	Telephones 364-6
560802	4/30	7231 Phila	CO	Radio telegraph 5-3-6
559857	4/30	7228 Washn	CO	Radio equipment 519-6
560810	5/2	7245 Phila	CO	Apparatus 367-6
559857	4/30	7229 Norf	CO	Equipment 519-6
561012	5/2	7235 Washn	OD	Tips q 890
560805	5-4	7081 Wash	San Diego	wavemeter 736-38
550750	5-4	7252 Coco Solo	Phila	radio matrl 918
560806	5-5	7239 NY	Wash	wave meter 736-40
560850	5-4	7679 wash	Bur Standards	radio material 916
542320	5-7	7233 NY	Washington	rectifier 861

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Number.	Date.	From or To—	Subject.	
559211	5/6	7313 Washn	NNe Telephone	46-B-6
559621	5/6	7314 Washn	NNe Equipment	46-B-6
555108	5-10	7317 Norf	Anacostia Amend of 7102	918
562303	5-9	7318 Norf	Lakehurst unit	919-79
562338	5-9	7331 M.I.	Coco Solo batteries	907
559206	5/9	7330 Phila	NL Tube detectors	876-SP
562302	5/9	7310 Washn	CO Wave meter	573-P-6
550574	5/10	7333 Washn	SO NY Material	1-P-6
"	5/10	7334 Phila	SO NY Equipment	1-P-6
560932	5/10	7345 Washn	CO Transmitter	39-N-6
524207	5-10	7346 Washington	N.Y. radio receiver	652
558542	5-10	7332 Phila	Annapolis amendment of 7086	893-4
562304	5-10	7317 Wash	Phila radio material	919-79
562955	5-11	7349 Phila	Anacostia radio batteries	736-43
318197	5-11	7348 Phila	CO SHAWMUT radio	918
562941	5-11	7350 Wash	Ham Rds radio	918
562942	5-11	7355 Phila	Ham Rds radio	918
318197	5-11	7347 Wash	CO SHAWMUT radio	918
563269	5/12	7401 Washn	NNe Radio telephone	46-B-6
545321	5-12	7357 Alro Pac Phila	N.Y. vacuum tubes	652
527262	5-12	7350 Pac Flt	San Diego Canc of 5063	24-771
563265	5-12	7390 Wash	North Head amplifier	825
563267	5-13	7391 "	Eureka amplifier	837
563263	5-13	7389 "	Puget Sound amplifiers	898
563029	5-12	7356 Anacostia	Yorktown pigeons	1207

Number.	Date.	From or To -		Subject.		
547825	4/11	6939	MI	Cavite	Apparatus	314-6
547825	4/11	6940	Phila	Union	Apparatus	314-6
555749	4/11	6937	Washn	MI	Equipment	592-6
556201	4/11	6935	Annapolis	Phila	Equipment	918
556207	4/11	6941	Washn	CO	Equipment	918
555313	4/9	6938	Brook	Annapolis	Radio Set	897-1
554609	4/12	6934	Washn	MI	Condenser	1654-K-6
549469	4/13	6985	Washn	Boston	Amplifiers	898
549469	4/13	6984	Boston	Washn	Amplifiers	898
556208	4/12	6921	Washn	CO	Tube	37-N-6
556198	4/12	6919	Washn	CO	Tube	36-N-6
556199	4/12	6920	Washn	CO	Tube	35-N-6
556841	4/15	6992	Brook	SO Cavite	Material	332-6
556846	4/15	7014	Washn	Pug Snd	Arc Key	809
555967	4/15	7012	Washn	Guantanamo	Material	814
556844	4/15	7013	Washn	Pug Sound	Arc Key	833
543523	4/15	7049	Norf	SO WADSWORTH	Batteries	551-6
557878	4/16	7042	Washn	Ports	Equipments	119-0-6
557531	4/16	7040	Washn	Ports	Equipment	114-0-6
557530	4/16	7050	Washn	Ports	Equipment	106-0-6
557514	4/16	7020	Washn	SO Cavite	Arc Key	806
557513	4/16	7019	Washn	Guantanamo	Arc Key	814
556845	4/16	7015	Washn	Pug Snd	Arc Key	833
557515	4/16	7021	Washn	Astoria	Arc Key	872
557701	4/15	7027	Brook	Manistique	Testing sets	919-1
557700	4/15	7026	Key West	O-I-C Key West	Batteries	919-63
557879	4/18	7043	Washn	Ports	Equipment	115-0-6
557750	4/18	7041	Phila	Pug Snd	Condensers	882-1
543945	4/18	7051	Norf	Bethany beach	Charging units	919-4

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Number.	Date.	From or To—		Subject.		
557529	4/19	7053 A	Chasn	Put subject of tooth brush Chasn to "ur	200-8	
557893	4/19	7056	Brook	Boston	Are Set	455-6
548271	4/19	7010	Norf	San Domingo	Motor	845
535662	4/19	7052	MI	Todd	Are Set	4-C-6
557519	4/21	7036	Washn	MI	Are Key	810
557521	4/21	7034	Washn	Putails	Key	846
557520	4/21	7035	Washn	P H	Key	869
558542	4/21	7096	Phila	Washn	motor	893-4
555313	4/21	7085	Washn	Annapolis	Radio field set	897-1
557525	4/21	7016	Washn	SO MI	Are key	920-16
557526	4/21	7037	Washn	MI	Key	920-16
557527	4/21	7038	Washn	Haiti	Key	865
557328	4/21	7084	Washn	San Juan	Key	838
559193	4/22	7106	Norf	Annapolis	Transmitting set	820
559197	4/22	7119	Washn	Washn	Boston	205-8
558560	4/22	7108	Phila	CO	Radio Compass	135-Q-5
534904	4/22	7104	Norf	CO	Transformer	255-6
559196	4/22	7109	Washn	Boston	Telephone set	455-6
558792	4/21	7087	Washn	Norf	Tube	919-1
559201	4/23	7121	Washn	Norf	Telephones	522-6
559200	4/23	7122	Washn	Boston	Telephone sets	321-6
559199	4/23	7120	Washn	SO Boston	Telephone set	182-6
559198	4/23	7119	Washn	SO NY	Tel Set	138-2
559194	4/23	7107	Washn	Boston	Condensers	919-1
555108	4/25	7102	Norf	SO Washn	Material	918
555108	4/25	7103	Brook	Anacostia 6863	Cancellation of	918
559211	4/25	7148	Washn	Norf	Telephone	46-B-6
554866	4/25	7149	Brook	Phila	Radio receiver	157-6
559588	4/25	7147	Norf	Peyner's hill	Battery	919-28

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Number.	Date	From or To	Subj.	
546047	3/19	Brook MI	6673	Material 806
546045	3/19	Brook Se Brook	6632	Material 854
546050	3/19	Brook MI	6655	Material 857
550721	3/19	Washn CO	6670	Coils 149-Q-6
550114	3/19	Washn CO	6671	Coils 153-Q-6
551207	3/19	Washn CO	6672	Coils 150-Q-6
546044	3/19	Brook SO Brook	6631	Material 916-6
546043	3/19	Brook S Brook	6603	Material 916-2
551208	3/19	San Diego SO MI	6669	Apparatus 919
551883	3/21	Lrook Washn	6695	Amplifier 898
551883	3/21	Brook Anacostia	6696	Amplifier 898
551988	3/21	Chasn S Washn	6722	Tank 898
533246	3/22	Washn CO	6723	Coils 265-Q-6
551987	3/22	Chasn Cleveland	6721	Arc Set 1004
552846	3/23	Annapolis Washn	6726	Perforator & Spares 909
552854	3/24	Phila Buffalo	Amplifier 6748	1000
552292	3/24	Washn CO	6736	Batteries 898
"	3/24	Washn CO	6737	Batteries 898
552855	3/24	Washn PH	6738	Transformers 898
552847	3/24	Washn S Washn	6725	Perforator 909
539321	3/25	Brook Pug Snd	6750	Engine 919-1
553103	3/26	Phila SO MI	6798	Wave meters 893-4
553102	3/26	Phila Brook	6799	Wave meter 893-4
519288	3/26	Phila MI	6792	Shaper 811
541969	3/28	Phila Norf	6760	6174 Amendment of 736-34

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Number.	Date.	From or To-		Subject.		
553074	3/28	6803	Washn	CO	Condensor	66-X-6
552830	3/28	6800	Washn	SO Norf	Tube	20-X-6
553104	3/28	6749	Phila	Brook	Receiver	698
553490	3/29	6766	NY	Anacostia	Cable	919-78
553243	3/31	6833	Norf	SO	Batteries	324-6
550972	4/2	6855	Washn	Norf	Equipment	20-X-6
544856	4/5	6859	MI	SO P H	Muzzer	126-6
553055	4/2	6802	Washn	CO	Coils	332-6
554850	4/5	6857	Washn	SO MI	Wave meter	811
554854	4/5	6876	Washn	Point Isabel	Switches	853
554854	4/5	6875	Boston	" "	Antenna Wire	853
554126	4/5	6860	Boston	Key West	Coil	919-63
554865	4/6	6898	Phila	Hamp Rds	Cable	918
555108	4/6	6863	Brook	Washn	Material	918
554125	4/6	6876	Washn	Key West	Apparatus	919-63
554866	4/8	6881	Phila	CO	Radio receiver	157-6
555394	4/8	6903	Washn	Lu Standards	Amplifier	898
554867	4/8	6879	Washn	Quantic	Bird Seed	1707
554395	4/8	6876	Washn	Montauk	Receiver	1040
554749	4/8	6901	Washn	Coco Solo	Batteries	920-2
554749	4/8	6900	Phila	Coco Solo	Wire	920-2
554643	4/8	6902	NY	Cambridge	Transmitting sets	918
555391	4/8	6899	Phila	Pensacola	Equipment	918
555399	4/8	6880	Brook	Anacostia	Air Fans	918
555733	4/8	6916	Washn	Pensacola	Coils	918
554122	4/8	6877	Washn	Phila	Amplifier	918
555734	4/8	6917	Pensacola	Hamp Rds	Equipment	918

Number.	Date.	From or To--		Subject.		
544828	3-9	6528	MI	Union Cons Co	Oakland stg bat panels	704
527605	3-9	6527	Annapolis	Washington	radio arc set	920-1
549168	3-10	6565	Wash	Brook	appr	898
550280	3-10	6554	Wash	MI	appr	909
549117	3/11	6564	NY	SO Washn	Wave meter	164-6
547641	3/10	6557	Washn	CO	Vacuum Tube	188-6
547641	3/10	6556	Brook	NY	Vacuum Tubes	188-6
550283	3/10	6529	FR	O	Apparatus	87-0-6
547034	3-11	6558	Anacoe	DesLaureis Co	Amend of 6384	918
549469	3-11	6559	Boston	Wash	radio ampli	898
550780	3-12	6585	Coco Solo	Phila AF	receivers	918
550288	3-12	6568	Wash	Phila	condenser units	919
550737	3-12	6567	Wash	Phila	sound appr	919-10
550740	3-12	6559	NSD	Chatham	cable	919-33
550739	3-12	6584	Wash	Coco Solo	receivers	918
546084	3-14	6587	NSD	MI	radio amplifier	898
550753	3-14	6588	Wash	Puget Sd	radio phone	902
551202	3-14	6602	Annapolis	Bur Standards	insulators	911
550757	3-14	6599	Wash	Bur Stds	tubes	916

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Number.	Date.	From or To--		Subject.	
551199	3-14	6601	Airo Mac Ph	Amaco cable	918
550756	3-14	6589	MSD	Great lakes generators	919-57
551074	3-14	6597	MSD	Manistique stg batteries	919-69
550754	3-14	6588	Boston	Ports material	120-0-6
543043	3/15	6630	Brook	MI Amplifier	898
551198	3/15	6600	Washn	Westinghouse Arc Receifiers	898
534904	3/16	6629	Norf	Boston Transformer	255-6
539-94	3/16	6634	Brook	MI Receiver	898
551215	3/17	6663	Washn	Pug Snd Copper leads	898
551216	3/17	6662x	Washn	SO Washn Receivers	898
551207	3/17	6648	Washn	CO Receiver	354-6
551217	3/17	6661	Washn	Pug Snd Receiver	563-6
536763	3/17	6633	Washn	Lake Insulators	159-6
546018	3/17	6654	Norf	Alpensa Delco Charg Units	919-1
550280	3/16	6554	Washn	M Apparatus	909
551970	3/18	6666	Washn	SO Guam Uniwave key	813
527296	3/18	6667	Washn	Pug Snd Receiver	845
551983	3/18	6653	Washn	Pug Snd Keys	896

Number.	Date.	From or To--	Subject.	
548151	2-25	6429 Washington	Western Elec Co radio material	893
547637	2-25	6420 N.Y.	OHIO amendment of 6410	902
547825	2/25	6421 MI	Cavite Apparatus	614-6
547641	2/25	6414 Brook	CO Tube	188-6
547639	2/25	6406 Union	MI Tube apparatus	141-0-6
541027	2-25	6430 Phila	NSD Brook radio comp house	704
548368	2-25	6437 Wash	NY radio materi	893
548367	2-25	6436 Wash	Phila "	893
548155	2-25	6435 Wash	Cambridge "	893
548152	2-25	6431 Wash	GE "	893
548153	2-25	6432 Wash	Beth "	893
442167	2-25	6422 Wash	Phila insulators	907
547642	2-25	6418 Wash	NY City radio receiver	1041
547643	2-25	6419 NSD	Whitehall panels	1041
545697	2-25	6435 Wash	NY tel set	573-5
547625	2-25	6387 Wash	Port coils	114-0-6
545154	2-25	6434 Wash	Cambridge Radio materi	893
546054	2-25	6454 Phila	MI amplifier	898
545226	2-25	6405 Phila	Jersey City lib engine	918
545225	2-25	6445 Rock	Jersey City cane part of SO 6285	918
544828	3-1	6470 Wash	Oakland radio	704
544828	3-1	6469 MI	Oakland "	704

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Number.	Date.	From or To--		Subject.	
548383	3-1	6477	Wash	Puget Sa uni wave key	809
548382	3-1	6476	Wash	" "	847
540119	3-1	6466	NSD	MI case of 6329	898
547638	3-1	6467	Wash	Annap amendment of 6411	920-1
548267	3-1	6465	CO	Nation Elec Sup Co Receiver	516-6
548393	3-2	6468	Wash	Annapolis meter	797
549062	3-2	6479	NSD	NY City Whitehall batteries	652-1
544761	3-2	6475	NSD	Phila AF radio trans	918
549201	3-3	6478	NSD	Annapolis sound	797
514973	3-5	6513	NSD	Radio tools	843
514973	3-5	6514	H RDS	" "	841
543763	3-5	6494	NSD	Airc Fact radio trans	736-50
549072	3-7	6519	Key West	Norfolk sound equipment	797
544674	3-7	6522	NSD	St Thomas spark gaps	863
549389	3-5	6496	GE	Coco Solo radio trans	918
542212	3-7	6520	Phila	Pena amend of 6412	918
549395	3-7	6497	Ham Rds	Airc Pac Phila spark trans equipments	918
549388 549404	3/7 3/7	6495 6521	Anacostia Washington	Howden Eng. radio equipment SO Norf insulators	918 76-0-6
549805	3-8	6518	Boston	Ham Rds condenser	855
549396	3-8	6498	Pensa	Airc Pac trans	918
546376	3/8	6523	Norfolk	CO Compass	195-Q-6

RADIO SHIPMENT REQUEST

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Number.	Date.	From or To—		Subject.		
545226	2-15	6285	Reckaway	Deslauries Column Mould Co	eng and prep	918
546289	2-15	6320	Puget Sd	PH	batteries	582-1
546470	2/16	6340	Washn	SO Pag Snd	Equipments	562-6
520288	2-16	6330	Washn	Amp.	cane of 4629	820
546468	2-16	6342	NSD	New London	radio	904
546471	2-16	6341	Wash	AFPH	radio	918
546477	2-17	6316	NSD	Oavite	radio	806
546048	2-17	6317	NSD	Guam	matrl	813
527296	2-17	6354	Wash	Puget Sd	res	845
546049	2-17	6318	Ho Brook	Tutuila	radio matrl	846
546046	2-17	6318	NSD	P.H.	radio matrl	852
546045	2-17	6314	NSD	Great Lakes	radio matrl	854
546050	2-17	6351	NSD	Peking	radi matrl	857
541197	2-17	6328	Phila AF	Phila	amendment of 5982	882-1
546043	2-17	6312	NSD	MI	radio matrl	916-2
546044	2-17	6313	NSD	Puget Sd	radio matrl	916-6
546479	2-17	6356	Phila	RAD BURNS	radio ge tripod	912
546480	2-18	6359	Wash	Chama	loading coil	807
546481	2-18	6360	Wash	Key West	coil	817
546462	2/17	6326	Phila	CO	Wave meter	1-E-6
542825	2/17	6323	Phila	Guantanamo	Material	1-Z-6
542825	2/17	6324	Brook	"	Apparatus	1-Z-6
546321	2-19	6362	AFPH	NY	radio	662
547035	2-19	6372	Phila	Managua	radio matrl	858

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540119	2-19	6329 NSD	MI amplifier	898
547027	2-19	6361 Wash	Dur amplifier	898
547031	2-19	6325 Wash	M Rds radio matri	918
546476	2-19	6352 Anacost	PFAD BURNS radio	918
547038	2-19	6371 ARPh	Hackaway send red switches	918
547034	2-19	6364 Anacost	Jersey City radio	918
546494	2-19	6355 San Diego	So San Francisco radio towers	920-15
547036	2-19	6362 NSD	Pt Arthur radio wave charger	1026
546654	2-19	6353 Puget Bd	San Pedro radio ampl	420-8
547637	2-23	6410 NY	Annapolis for OHIO telephone	902
547631	2-23	6407 GE	Long Island City radio trans	918
547104	2-24	6373 Wash	San Diego amplifiers comp coils	736-40
547104	2-24	6374 NSD	San Diego insulators	736-40
547104	2-24	6375 Phila	San Diego material	736-40
504016	2-24	6409 Wash	Phila amendment of 3582	761
547629	2-24	6386 Wash	Perts cells	106-0-8
547640	2-24	6413 Bmt	CO BRIDGEPORT condensers	8-X-8
547641	2-24	6414 Brook	CO DIXIE detectors	188-8
545574 EX	2-24	6415 Brook	Western Elec Co dynameter	89-2-8
545212	2-24	6412 ARPhila	Penascola insulators	918
547625	2-24	6388 Norf	Annapolis clothing	920-1
547638	2-24	6411 Wash	Anacost radio matri	920-1

Number	Date	From or To	Subject	
543252	1-29	6084 Wn	Reid Va vac tubes	761
543252	1-29	6083 GE	" trans and recv.	761
540739	1-29	6108 Wn	Annep tubes	323-6
540739	1-29	6109 CO	Bur Stds tubes	323-6
542588	1-29	6088 Boat	CO battery	89-Q-6
543514	1-31	6129 Bos	N.Y. buzzer	575-6
542938	2-1	6151 Wn	MI meter	689-7
542009	1-31	6081 MI	PH radio amplifier	736-60
543519	2-1	6132 Herf	Puget Sd generators	845
543512	1-29	6110 GE	Aird Pac Ph radio	918
543464	1/31	6130 Phila	Annapolis Ammeter	323-6
543523	2-1	6154 Phila	CO Battery	551-6
542825	1/31/21	6067 Brook	Guantanamo Apparatus	1-2-6
499154	1/31/21	6131 Brook	FR Apparatus	123-0-8
524789	2-1	6159 Washn	Annap cans of 2 items 4901	707-1
543524	2-1	6152 GE	Reckaway radio	736-39
543513	1-31	6128 NY	Puget Sd buzzer (Idaho)	563-6
520291	2-1	6157 CO MELVILLE	Washn appr.	510-6
544036	2-3	6177 MI	Bee Sta Marise elec matrl	513
537188	2-1	6155 Ft Isable	NY gun	853
536280	2-3	6158 Washn	Phila AP batteries	918
541780	2-3	6192 Ph	St Petersburg devices	1038
541780	2-3	6191 Bos	" cans of 6016	1033

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543981-	2/3/21	6161	Washn	Annapolis	Telephone	323-6
536772	2/3/21	6190	Brook	NL	Regulator	305-6
543979	2-3	6160	Nav Sup Dep	Norfolk	Bakelite rod	898
526904	2-5	6208	Phila	Naval Observatory	battery	909
544286	2-4	6193	N.I.	CO CELTIC	radio rec	152-6
544621	2-7	6210	Phila	Cleveland	amplifier	1004
544624	2/8	6228	Phila	Norfolk	brushes	1661-K-5
544623	2-8	6227	Phila AF	Ames	avia matrl	918
523587	2-10	6234	N Rds	Ried	radio helmets	761
544674	2-8	6214	Ph	St Thomas	radio amature	863
544674	2-8	6226	MI	"	spark gap units	863
534913	2-8	6213	Puget Sa	PM	usage of 5701	882-1
544620	2-7	6218	Phila AF	Guantanamo Cuba	lamps	918
542474	2-107	6237	Phila AF	Coco S	trans	918
544674	2-8	6225	Best	St Thomas	condo sers	863
545697	2/11	6266	Washn	R N ¹	Tel Set	573-6
543523	2/11	6270	Phila	CO WADSWORTH	Battery	551-6
527275	2-11	6277	Phila AF	Gloucester	vac tube	898
542474	2-11	6236	Wash	Coco Sole	avia matrl	918
545698	2/12	6268	Phila	Washn	Compass	283-6
518423	2-14	6280	Ph	Annapolis	radio compa plugs	797
524659	2-14	6311	Wash Norfolk		coils	78-0-6
524659	2-14	6281	Wash	Norfolk	rec equip	78-0-6

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541797	1-24	6044 GE	Lewis & Vought	rec equipments 918
541788	1-24	6043 GE	Anacostia "	918
541207	1-24	6029 N.Y.	Boston	tele trans 201-6
536210	1-25	6047 Boston	New London	radio 747-8
542038	1-25	6063 Boston	CO KANSAS	cond 255-4
521207	1-25	6048 Wash	Boston	appare 17-K-6
542334	1-25	6081 Phila	CO DIXIE	battery 188-6
542333	1-25	6050 Wash	CO OHIO	radio tel 523-6
542336	1-26	6065 Boston	Morehead City	radio condenser 800
542337	1-25	6064 Great Lakes	NY	radio 854
542339	1-26	6060 MI	Cavite	radio buzzers 806
541864	1-24	6042 Air Pac	PENNSYLVANIA	vac tubes 898
542009	1-27	6078 APPh	PH	radio 736-50
534588	1-29	6091 Garden City	Phila	eng and prop 736-57
542009	1-27	6079 Was	PH	radio 736-50
542009	1-27	6080 Puget sd	PH	radio 736-50
541791	1-28	6103 Air Pac	Ham Rds	microphone trans type 736-34
541789	1-28	6101 AF Phila	Rockaway Beach	trans 736-39
541795	1-28	6107 "	San Diego	Radio 736-40
541793	1-28	6105 Phila AF	Coco Sole	radio 736-41
541790	1-28	6102 Phila AF	Anacostia	radio 736-43
541794	1-28	6106 Phila AF	PH	radio 736-50
540992	1-27	6048 PH	St Petersburg	radio 1033

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Number.	Date.	From or To	Subject.	
541213	1-22	6017 Norf	New York gaskets	898
541214	1-21	6018 "	Phila "	898
541653	1-21	6001 "	Pearl Harbor "	898
541212	1-22	6005 "	Boston "	898
541205	1-21	5997 Airc Fcty	San Diego switches	918
541782	1-22	6021 Wash	Anacostia amplifiers	918
541206	1-21	6000 Airc Fcty	Coco Solo switches	918
541779	1-22	6015 Boston	Bar Harbor devices	919-3
541195	1-22	6013 Washn	" cancel of 5981	919-3
540751	1-22	6014 "	St Petersburg cancl of 5980	1033
541780	1-21	6016 Boston	St Petersburg devices	1033
537943	1-24	6028 So Brook	Paris France radio	787-1
537943	1-24	6027 Wash	" "	787-1
541199	1-21	5988 Washn	Puget sd wavemeters	847
531575	1-24	6020 Annapolis	N.Y. arc chamber	920-1
541783	1-22	6024 Greenburg Pt Washn	CO DAKOTA amplifier	321-6
541207	1-24	6041 Washn	So Boston hand key	205-6
540558	1-18	5959 Brook	CO TENN hand carts	573-6
541798	1-25	6045 GE	AEPRH rec equipments	918

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529815	1-14	5913 Washn	Cavite vacuum tubes batteries	806
529863	1-14	5915 " "	Navy Bldg. battery	802-1
539864	1-14	5917 Aire Pasty Washn	vac tubes	898
539318	1-12	5859 " "	Guantanamo matrl for Gen assemblies	918
539851	1-13	5893 Washn	Bos ton radio receivers	919-1
539321	1-12	5888 So Brooklyn	Puget Sd trans	919-1
539860	1-14	5911 Washn	Gr Lakes receivers	919-1
539856	1-14	5906 Washn	Chasn radio recs	919-1
539857	1-14	5907 Washn	New Orlns radi recs	919-1
539854	1-14	5894 Washn	NY recs	919-1
539855	1-14	5895 Washn	Norrf recs	919-1
539858	1-14	5908 Washn	Mare Island recs	919-1
539861	1-14	5910 Washn	Phila recs	919-1
525195	1-15	5932 Wn	Phila repair parts for recs etc	689-15
539862	1-14	5912 Norrf	Chasn insul	807
539859	1-14	5909 Wn	Puget Sd radio receivers	919-1
535988	1-15	5929 Bos ton	Siasconsett batteries	1031
519288	1-15	5930 H Rds	MI for Ferralon eng laths	811
540377	1-15	5927 Wn	Garden City vac tubes	918
540372	1-14	5924 AFPhila	SO Phila radio a.p.r.	918
534820	1-14	5926 Phila	Phila modif of 5570J	918
540373	1-14	5925 Wn	AFPhila vac tubes	918
540310	1-15	5960 Phila	H Rds Insulators	735-34

Number.	Date.	From or To	Subject.	
540736	1-18	5962 Airc Mac Ph	Pensacola propellers	918
540735	1-18	5958 Wn	Phila Airc Mac transformers	918
540741	1/18	5963 Washn	Pac Snd Tel Test	555-6
540742	1/18	5957 Washn	Pac Snd Equipts	151-6
541092	1-19	5968 Boston	Dutch Harbor (Puget Sd) engine lathe	845
541202	1-20	5994 Wn	Puget Sd condensers	845
537793	1-18	5961 Wn	GE radio matrl	876
541197	1-20	5982 Phila AF	Phila SO batteries	882-1
540738	1-18	5963 Anshila	Phila SO assemblies and variometers	918
541195	1-20	5981 Wn	Bar Harbor protective devies	919-3
540748	1-19	5979 MI	Puget Sd relay key	1015
540747	1-19	5978 MI	Puget Sd radi matrl	1016
541751	1-20	5980 Wn	St Petersburg devices	1032
541201	1-20	5990 Wn	Puget Sd radio matrl	809
541200	1-20	5989 Wn	Puget Sd radio wav meters	845
541200	1-21	6003 Norf	MI gaskets	898
541209	1-21	6002 Norf	Cavite gaskets	898
541211	6004	6004 Norf	Puget Sd gaskets	898
541204	1-21	5996 AFPh	Pensa send rec switches	918
541203	1-21	5995 AFPh	Rockaway "	918
541198	1-20	5987 AFPh	Anacost trans	918
539143	1-22	6025 Norf	Pensa spark gap units	756-58
535126	1-22	6026 So Brook	Balto spark gap	874

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534816	12-30	5715 Wash	Phila condenser	919-1
~~534698~~	12/29	5701 Puget Sd	P. Harbor Batteries	802-1
536278	12/29	5692 Wash	Phila batteries	918
526280	12/29	5693 Phila	Phila	918
537133	12/29	5702 Was	H Rds appr.	918
537134	12/29	5703 H Rds.	CO a pr.	918
536270	12/27	5674 Brook	Puget Sd spark gaps	1015
525975	12-29	5696 Washn	CO Apparatus	312-6
523712	12-31	5722 Washn.	Marf Apparatus	522-5
525184	1-4-21	5704 Washn	Union Gas Engine	562-6
527696	1/3	5735 Phila	NY City vac tubes	7-7
482433	1/3	5741 Phila	Phila radio comp. sys	772
517873	1-4	5749 Norf	Carstano, Ia detector	707-1
518017	1-5	5769 Norf	MI wave changer	877
518018	1-5	5768 Norf	Puget Sd wave changers	895
518019	1-5	5770 Washn	MI tele. & lines	895
518019	1-5	5721 Wash	Phila tel. lines	898
528178	1-5	5781 Phila	Anacostia stg. batteries	918
518012	1-4	5750 Phila	H Rds switcher	918
518014	1-4	5755 Norf	C. L. H. radio comp	918-67
518015	1-4	5767 Phila	GL radio comp key	918-67
531160	1/5	5771 Phila	CO Apparatus	533-6
522615	1-6	5790 AF Phila	Anacostia radio batteries	862-1
539320	1-12	5887 MI	Puget Sd radio comp. coil sys	919-1

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Number.	Date.	From or To—	Subject.	
558765	1-7	5507 Wash	Report receiver	861
577436	1-6	5777 Wash	San Juan ((4407) cancelled	825
530602	1-6	5775 Wash	Coco Solo ((4634) cancellation	850
578072	1-7	5771 Wash	San Diego	918
578072	1-7	5771 Wash	San Diego	918
558025	1/6	5774 Wash	San Diego	918
536767	1-7	5809 Brook	Washu Receiver	1-X-6
480172	1-7	5791 Phila	Hamp Rds wavemeter	761
578030	1-7	5792 MI	Cavite hand carts	897-1
527875	1-8	5820 Wash	Glou vac tubes	898
527875	1-8	5819 Airco Mo Ph	Glou vac tubes	898
558023	1-8	5821 Phila	San Diego (5774) amendment	918
528771	1-8	5822 Wash	San Diego radio recs	918
539303	1-10	5845 Wash	Puget Sd radio st	898
528020	1/4	5847 Brook	Annapolis Telephone	303-6
491322	1-11	5849 Wash	San Pedro MC (4342-canc)	761
49140	1-11	5856 Wash	Ph MC (3056-canc)	761
539484	1-11	5858 MI	So Brook radio rec	898
539012	1-11	5857 Wash	Phila vac tubes	898
529319	1-12	5886 NY	Bureau Standards low relay	916
532615	1-12	5868 Norf	Cape Hat mach tools	1002
539322	1-12	5889 Washu	Puget Sd radio compass	919-1
539850	1-13	5892 Wash	MI radio comp	919-1
539848	1-13	5890 Wash	Puget Sd radio recs	919-1

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534820	12-16	5570	Airc Fcty	Phila S.O.	radio apparatus 918
534325	12-15	5565	Brook	Boston	Trans set 18-K-6
"	12-15	5566	Washn	Boston	Apparatus "
"	12-15	5567	Nor f	Boston	Battery charging panel "
534820	12/16	5569	Nor f	Phila	radio comp 918
535142	12/17	5611	Phila AF	SHAWMUT	radio batteries 918
534824	12/17	5584	Nor f	SHAWMUT	radio batteries 918
534827	12/17	5610	Wash	Boston	trans key 321-6
534904	12/17	5583	Nor f	CO K. N. B. S.	radio 257-6
530420	12-18	5612	Boston	Balboa	radio generators 882-3
530420	12-18	5608	Boston	MI	" 882-3
530420	12-18	5609	Boston	Puget Sd	radio 882-3
530420	12-17	5606	Boston	Cavite	" 882-3
530420	12-17	5607	Boston	Pearl Harbor	radio motor gen 882-3
533578	12-18	5615	Porta	Washn	insul 911
524825	12-17	5585	Ann Phila	Annapolis	radio 918
535388	12-18	5625	Amacos	Phila AF	pigeons E 07
535389	12-18	5627	Washn	NY	Apparatus 529-6
535382	12/18	5621	GE	San Diego	radio equipments 918
535379	12/18	5618	GE	San Domingo City	radio (amend 12/20) 919
535395	12/21	5631	Wash	MI	radio tips 857
501795	12/21	5632	Wash	Puget Sd	radio rec 698
501795	12/21	5634	Pu. Sd	Wash	rec 698

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515855	12-21	5646 Phila	Phila radio appr.	918
535856	12-21	5647 Wash	Phila "	918
535880	12-18	5619 GE	San Diego radio	918
545397	12-21	5673 H Rds	Phila LF radio trans	918
536059	12-22	5682 So Brook	Cap Mala stg battery	607
535383	12-21	5622 GE	Coco Solo radio trans equipments	918
535381	12-21	5620 GE	Pensacola radio trans	918
535384	12-21	5623 GE	Rockaway Beach radio	918
535385	12/21	5624 GE	H Rds radio	918
53126	12-22	5648 MI	San Juan radio	904
536048	12-23	5636 Washn	Boston Apparatus	455-6
535872	12-23	5654 Washn	Norfolk Fed Lists	135-6
53541	12-27	5567 Brook	ct Apparatus	255-6
535379	12-27	5675 Washn	Hamp Rds Tubes	919
535337	12-28	5676 Washn	Boston Apparatus	455-6
525081	12-28	5691 NY	Washn Apparatus	316-6
537104	12/30	5717 Washn	San Diego receivers	747-40
537104	12/30	5718 MI	San Diego vac tubes	747-40
537104	12/30	5716 Phila	San Diego trans	747-40
537136	12/30	5719 MO	Puget Sd loading coil	822
537136	12/30	5713 So Brook	Puget Sd radio trans	872
537135	12/30	5712 Wash	Astoria radio trans	872

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530649	11-29	5342 Brook	Guantanamo Delco unit	814
530668	11/30	5345 Washn	Annapolis insulators	323-6
531183	11/30	5365 Phila	Norfolk panels	522-6
531160	11/29	5340 Phila AF	CO BRIDGE radio & ar	532-5
531583	11-30	5362 Washn	Sheffield & Betts Washn wave changer	896-1
531482	11-30	5361 Phila NY	Insulators	130-6
531472	11-29	5344 Annapolis CO	Gen	323-6
529134	12/1	5378 Washn	Darien ammeter	851
532103	12-1	5382 AF Phila	SHAWMUT radio	918
532105	12-2	5384 SHAWMUT	Phila AF radio	918
531590	12-1	5380 Washn	AF Phila vacuum tubes	918
531591	12-1	5351 Washn	SHAWMUT vac tubes	918
516476	12-2	5387 Norfolk	Grand Isle volt and a meter	929-17
532104	12-2	5403 Phila	CC Tube Detector	290-6
532109	12-4	5402 Washington	Pearl Harbor radio apparatus	852
522558	12/6	5404 Phila	Yorkshire Eng. radio trans equipments	918
532360	12-6	5438 Phila	Puget Sd amplifier	919-1
532204	12-6	5436 Phila	Miami spark gap	1027
532359	12-6	5435 Washn	NY City vac tubes	707
532365	12-7	5447 FSB	Anacostia radio phone	902
532362	12/6	5441 Wash	Puget Sd receivers	919-1
532363	12/6	5442 M.I.	Puget Sd comp coils	919-1
532103	12/1	5382 Phila	Shawmut radio	915

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Number.	Date.	From or To—	Subject.	
520018	12/6	5468 Washn	Cavite for Los Banos cane of SO of 10/1	806
532541	12-8	5466 Wash	OHIO radio wavemeters	323-6
531839	12-7	5444 NH	Norfolk radio mstrl	181-2-2
533265	12-7	5462 AFPh	Yorkshire vac tubes	918
533269	12-7	5467 GE	Anacostia airc radio trans	918
532368	12-7	5445 AFPh	Garden City radi o gen a srem	918
532368	12/7	5461 Garden City	AFPh radio	918
532265	12-7	5463 Union	AFPh trans	918
533267	12-8	5464 Beth	Phila trans	918
532132	12-8	5474 MI	San Diego wavemeter	736-40
532132	12-8	5473 AFPh	San Diego radio trans	736-40
532029	12-8	5480 Phila	Anacostia ammeters	736-43
532216	12-8	5476 Wash	Ship Bd Wash radio amplifer	771-2
533610	12-10	5481 PSB	CO Guantanamo radio trans set	756-59
533614	12-11	5482 Washn	Boston Hand Keys	455-6
534336	12-14	5547 Washn	Anacostia amplifier	736-43
534332	12/13	5483 Washn	Norfolk radio receivers	771-2
54338	12/14	5550 Brook	BRIDGE vac tubes	918
534933	12/14	5551 Hamp Rds	BRIDGE battery	918
534341	12-14	5564 Anacostia	San Domingo City radio pigeons	1207
534333	12-13	5541 AFPh	Wash radio transformers	918
534818	12/16	5571 Wash	Phila radio ap r	918

Number.	Date.	From or To—		Subject.		
487611	11-17	5195	Pt Isabel	Boston	mice condensers	853
481493	11-17	5197	Phila	San Diego	gen assemblies	918
528692	11-17	5195	Washn	Bar Harbor	meter	920-2
528832	11-17	5161	FSB	St Petersburg	radio rec	1033
481493	11-17	5202	San Diego	Phila AF	gen assemblies	918
529495	11-18	5220	Norrf	Annapolis	arc key	920-1
529392	11-18	5229	Washn	CO	Apparatus	1561-K-6
528844	11-16	5166	Washn	CO	Apparatus	30-M-6
529891	11-19	5246	Phila	Boston	ammeter	707-1
529908	11-20	5233	Washn	San Diego	amplifiers	736-40
~~529908~~	~~11-20~~					
529498	11-18	5222	AFPhila	Garden City	gen assembly w prop	918
528844	11-16	5242	Washn-	Union	Apparatus	30-M-6
470460	11-19	5248	Washn	Squantum	Apparatus	264-G-6
530395	11-22	5276	Phila	CO	Coil Frame	323-6
521084	11/20	5230	Washn	Puget Sd	radio	689-17
529882	11-19	5247	Phila	Boston	radio	707-1
529908	11-20	5232	M.I.	San Diego	vacuum tubes	736-40
529894	11-22	5262	Washn	Pt Isabel	arc key	853
529891	11/19	5260	Wash	Bar Stds	radio	904
505737	11-22	5268	FSB	Phila	insulators	911
529499	11/19	5225	Anacostia	Gallaudet	mount and bd	918
530400	11/23	5281	Puget Sd	Anacostia	devices	736-43
530398	11/23	5278	Pu et Sd	San Juan	radio	835

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530397	11-23	5277 Puget Sd	M.I. land devices	842
530401	11-23	5282 "	Ba Buoa "	850
530402	11/23	5283 "	P. Harbor radio	852
529892	11/22	5261 Washn	I.Y. transformers	904
530399	11/23	5279 Puget Sd	Wash Bur Stds devices	916
509539	11-23	5265 Brook	Phila Apparatus	918
ENG 232/21	11-27	5321 McCook Field	Anacostia props	DAR
529345	11-23	5287 Wash	Boston leads	206-6
529346	11-23	5288 Wash	Norfolk leads	522-6
527611	11-9	5099 Wash	MI sig key	323-6
529497	11-18	5221 Norfolk	CO relay key	323-6
529347	11-23	5289 Wash	N.Y. leads	130-6
530411	11-24	5306 Wash	CO battery	109-Q-6
530405	11-24	5301 Schenec	H Rds trans equipment	918
530403	11-24	5291 GE	Brook airc radio phone equip	918
530407	11-24	5303 GE	Coco Solo trans equipment	918
530406	11-24	5302 GE	Pensacola trans equipment	918
530413	11-24	5307 Wash	Airc Pac Phila switches	918
530404	11-24	5294 Wash	Jupiter radio	918-35
530415	11-26	5309 Wash	Annapolis cable	920-1
523712	11-27	5336 Phila	Norfolk Insulators	522-6
523712	11-27	5339 Washn	Norfolk Apparatus	522-6

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525025	10-28	4956	Ingot Sd	M. Island	radio receivers	689-7
525724	10/29	4974	Anacostia	Thila Air Force	helmets	918
525746	10/30	4975	Thila	Norfolk	radio compass	704
526436	11-2	5016	ECB	Airc Force	tuning	918
526441	11-2	5025	Mitchell	Anacostia	radio outfit	918
526444	11-2	5026	Anacostia	Thila Air Force	radio variometer	918
526450	11-4	5028	Wash	Anacostia	radio	736-43
526448	11-3	5027	Airc Phila	Anacostia	radio appr	918
527262	11/6	5063	Pac Flt	San Diego	18 Pilotron tubes	24-771
527262	11-5	5062	Pac Flt	Airc Pac Flt	trans	24-771
527170	11/6	5069	Phila	Jupiter	gas engine gen unit	616
527169	11-6	5068	Phila	Siasoncett	set of spares	1041
527170	11-6	5071	Wash	Rock	radio receiver	1042
519288	11-5	5082	H Rds	M. Isl	drill	811
527605	11-8	5072	Wash	Annapolis	radio trans	920-1
527611	11-8	5084	Washn	CO	Receivers	323-6
527612	11-8	5086	Washn	NY	Gen	130-6
527619	11-9	5103	Anacostia	Akron	models radio equipment	918
527695	11-10	5118	Hamp Rds	Airc Pac Flt	radio	689-31
527620	11-10	5108	Washn	Anacostia	amplifier	918

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527613	11-8	5085	Washn	Norfolk	Gen	522-6
527814	11-8	5091	Washn	Boston	Gen	205-6
526634	11-11	5119	FSE	CO	amplifier	699-771
519577	11-11	5120	Boston	Balboa	condensers	882-1
528255	11-11	5133	Washn	CO	Receiver	521-6
528254	11-11	5121	Washn	CO	Receiver	152-6
528256	11-11	5134	FSE	Phila	spark gaps	828
528258	11-11	5146	Washn	Phila AF	batteries	918
528446	11-13	5160	Washn	North Head	wave meter	825
528828	11-13	5151	Washn	Phila Airo Pac	stg batteries	918
528259	11-12	5147	Airo Pac Phila	Anacostia	radio gen	918
528829	11-13	5152	NY	N.Orline	Delco gas eng gen	919-24
511533	11-12	5149	Phila	NYS	Booth	45-B-6
516693	11-13	5159	Brook	FR	Insulators	123-0-6
528833	11-15	5163	Norfolk	CO	Receiver	1558-K-6
529346	11-16	5176	Washn	Norfolk	Receivers	522-6
529347	11-16	5177	Washn	NY	"	130-6
522898	11-16	5165	Brook	Union	Apparatus	30-N-6
529357	11-17	5194	Boston	Pt Isabel	condensers	853
529348	11-16	5180	Boston	Washn	Recirc	205-6
529345	11-16	5175	Boston	Washn	Recirc	205-6
529351	11-16	5192	Boston	Norfolk	Apparatus	78-0-6
529352	11-16	5193	Norfolk	CO	Gen	363-6
529349	11-16	5181	Norfolk	Washn	Recirc	522-6

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522233	10/14	4784	Washn	Puget Sd	trans	1016
520950	10-6	4685	Locton	Lake	App	119-0-6
495786	10-14	4783	Brook	Lake	Apparatus	119-0-6
522876	10-15	4799	Brookilton	Porton	Apparatus	97-4-6
522878	10/15	4801	Boston	Guantanamo	radio cable	814
522877	10/15	4800	Washn	Bur Stds	radio amplifier	898
522875	10/15	4798	Washn	Anacostia	"	898
520299	10/15	4809	Washn	Bur Stds	"	898
522873	10/14	4787	Phila	Jupiter	condenser	919-35
522880	10/15	4807	FCB	Norfolk	quenched gap	1002
523136	10/16	4803	Boston	Chatham	batteries	919-23
522882	10/15	4821	Phila	Brook	appr.	699-771
522891	10/18	4844	Norf	Anacostia	radio appr.	902
523255	10-18	4843	Washn	Pitts	Apparatus	42-6
522848	10-15	4816	Brook	CO	Apparatus	30-4-6
522858	10-18	4851	Brook	NY	Apparatus	30-4-6
523098	10/19	4850	Washn	N.Orlms	radio appr.	21
523711	10-20	4868	NY	Washn	Receivers	130-6
523715	10-20	4871	CO	CO Clash	Transmitter	142-6
521387	10-19	4853	Washn	Boston	Transformers	189-6
523714	10-20	4870	Boston	Washn	Receivers	455-6
523712	10-20	4869	Norf	Washn	Receivers	524-6
522368	10-19	4845	Washn	G.	Apparatus	115-0-6
502997	10-19	4849	Washn	Lake	Apparatus	119-0-6

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523706	10/19	4846	Phila	Coco Solo	helmets	736-41
519250	10-20	4877	Washn	Norfolk	vacuum tubes	916-4
523910	10-20	4861	Norfolk	Jupiter	storage battery	919-35
523716	10/22	4877	Washn	Palboa	radio receiver	867
519250	10-21	4854	Washn	Norfolk	relay key	916-4
523720	10/22	4897	Phila	Airc Pac	switches	918
523719	10/22	4896	Phila	Shawmut	switches	918
504997	10-22	4852	Washn	Washn	Spark Gap	119-0-5
523706	10-22	4872	Washn	Co	Apparatus	153-5
523721	10-22	4898	Phila	SO	Radio Compass	861-8
523716	10-26	4861	Norfolk	Annapolis	Apparatus	707
515340	10-26	4878	NY	Washn	Apparatus	856
511498	10-26	4882	NY	Lianci	Apparatus	10-9
523719	10-26	4879	NY	St Petersburg	Apparatus	1033
544769	10-26	4901	Washn	Annapolis	Apparatus	707-1
474395	10-28	4855	Washn	Co	Coils	130-6
485445	10-28	4877	Norfolk	Washn	Apparatus	772
503040	10-28	4871	Washn	Co	Spark Parts	85-6
504438	10-27	4854	Phila	Washn	Coils	967-26
503741	10-28	4854	Washn	Washn	App	867
504031	10-28	4970	Phila	Gloucester	Relay Key	1500
504574	10/28	4972	Phila	NY	radio trans set	662

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520422	10/6	4686 Washn	Mitchell Field radio a. r.	726-57
520850	10/6	4683 Washn	CO "	699-771
520851	10-6	4684 "	Peking insulator	857
520950	10-6	4685 Boston	Lake Apparatus	119-0-5
521214	10/7	4709 An: costia	Hamp Rds a. r	736-34
521128	10/7	4711 Washn	Coco Solo radio	736-41
521212	10/7	4704 Phila	Anacostia radio	736-43
521209	10/7	4702 Washn	N. Orlns ar. key	817
521127	10/7	4690 Boston	Bath stg batteries	882-1
521206	10/7	4698 Washn	Annapolis radio compass	911
521208	10/7	4701 Washn	St Petersburg "	1032
521225	10/8	4716 Washn	Fire Island wave meter	812
521223	10/8	4714 Washn	Boston "	843
521497	10/8	4720 "	N Londn "	861
521221	10/8	4713 "	Seawall wave meter	920-2
521224	10/8	4715 "	Biasconsett "	1051
521226	10/8	4716 "	Rockaway wavemeter	1042
521495	10/8	4719 "	Cape May wave m ter	1043
521502	10-9	4724 "	Morehead City wave meter	800
520856	10/7	4695 Norfolk	Annapolis radio arc trans sets	898
521218	10/7	4712 Washn	Chasn radio receiver	898
521503	10/9	4725 Washn	Cape Hatteras wave meter	1002
521506	10/9	4728 Washn	Mobile wave meter	1024
521505	10/9	4727 Washn	Pt Arthur wave meter	1028

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521504	10/9	4726 Washington	Savannah wave meter	1028
521498	10/8	4721 Washington	Virginia Beach "	1034
521507	10-9	4729 Washington	Green Apparatus	22-6-6
387200	10/11	4740 Annapolis	Sparrows Point radio trans set	707
521491	10-12	4768 Washington	Dahlgren radio	736-54
521491	10-12	4761 Airc Pac Ph	Dahlgren "	736-54
522197	10-12	4754 N.Y.	Guantanamo storage batteries	814
514973	10-11	4762 Hamp Rds	Washn for Radio Va	841
521515	10-12	4752 Washn	Port Royal wavemeter	848
521514	10-12	4751 Washn	Balto "	874
522218	10/12	4758 Washn	Jacksonville "	1014
521513	10/12	4750 Washn	Mantoloking "	1021
522217	10/12	4753 Washn	Wilmington "	1036
520219	10-12	4759 Washn	NY Apparatus	575-6
522228	10-13	4774 FSB	Anacostia radio	736-43
522227	10-13	4773 Airc Pac Ph	Anacostia "	736-43
522230	10/13	4778 Washn	Norfolk amplifier	898
522229	10/13	4775 FSB	Phila Airc Pac bakelite	918
519109	10/14	4783 Norfolk	Key West vac tube detectors	817
519109	10/14	4782 Washn	Key West radio	817
522234	10/14	4765 Norfolk	Bur Standards decremeter	893-4

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520025	10-1	4593	Washn	M.I.	radio	842
520020	10-1	4589	Washn	Tautuila	radio	845
519480	10-1	4585	Wash	Pekin	radio	857
520022	10-1	4590	Wash	St Thomas	"	863
519479	10-1	4584	Wash	Coco Solo	"	867
520091	10-2	4632	CO	Washn	Apparatus	810-6
520090	10-2	4631	CO	Washn	Apparatus	138-6
520289	10-2	4630	Phila	Annapolis	radio motor buzzer	820
520288	10/2	4629	Wash	"	radio sets	820
520282	10-2	4613	Washn	Port au Prince	amplifier	865
520281	10/2	4612	Washn	Alpena	wave meter	870
520288	10-2	4624	Washn	Annapolis	condensers	876
520283	10-2	4614	Washn	Buffalo	wave meter	1000
520035	10/2	4607	Washn	Calumet	"	1001
520037	10-2	4609	"	Cleveland	"	1004
520279	10-2	4610	"	Detroit	wave meter	1005
520280	10-2	4611	"	Duluth	wave meter	1007
520034	10-2	4606	"	Mackinac Is	"	1018
520036	10-2	4608	"	Wagat sd	tele complete w spares	1035
520604	10-4	4637	Washn	Coco Solo	wave meter	793-8
520605	10-4	4638	Washn	Coco Solo	wave meter	793-8
520601	10-4	4635	Washn	Guam	telegraphones	813
520607	10-4	4640	Washn	Pt Arguado	wave meter	829
520600	10/4	4634	Washn	Coco Solo	amplifier	850

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520603	10-4	4636 Wash	Pearl Harbor amplifiers	852
520599	10-4	4633 Washn	Coco Solo amplifier	867
506365	10-1	4594 Boston	Great Lakes apparatus	919-1
506365	10-1	4500 Boston	Great Lakes relay keys	91 9-1
506365	10-1	4599 Boston	Great Lakes "	919-1
519867	10-1	4574 Phila	CG Sault Ste Marie	
520600	10-4	4641 Washn	for Grand Marais stg batteries	919-65
520610	10/4	4642 Washn	Milwaukee radio wave meter	1023
520730	10-5	4673 Washn	Seattle wave meter	1030
519288	10-5	4662 Ft Worth	Pearl Harbor radio receivers	689-21
520606	10-4	4639 Washn	M.I. for Farallon eng lathe	311
520837	10/5	4659 Washn	San Juan radio	835
520845	10/5	4671 "	GE rammeter	876
520842	10/5	4659 "	Roller Smith apr	876
520841	10/5	4668 Washn	Newark radio	876
520843	10/5	4670 "	E Pitts radio	876
520579	10/5	4655 Washn	Cambridge radio	876
520847	10/5	4677 Washn	Phila ins locks	98
520847	10/5	4675 Wash	Norf radio	902
520847	10/5	4676 "	Boston "	902
502980	10/5	4660 Ports	NY "	902
520817	10-5	4658 Washn	CG Ports batte ies	919-29
457822	10-6	4657 Phila	NY Apparatus	7-8-6
			Norf Coils	191-Q-6

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517564	9-18	4425	FSB	Guantanamo	insulators	814
517564	9-18	4424	Washn	Guantanamo	amplifier	814
517563	9-18	4424	FSB	North Head	insulators	825
517562	9-18	4423	Washn	North Head	receiver	825
517569	9-18	4436	FSB	Port au Prince	insulators	865
517568	9-18	4435	Washn	Port au Prince	receiver	865
517567	9-18	4434	Washn	Buffalo	receiver	1000
516571	9-17	4408	Pug Snd	Washn	Apparatus	562-6
517576	9-20	4440	Airc Fac Phila	Anacostia	send receive switches	736-43
517566	9-18	4432	FSB	CO	radio apparatus	699-771
517566	9-18	4432				
518001	9-20	4452	Washn	Marshfield	receiver	801
518003	9-20	4453	FSB	Marshfield	insulators	801
518000	9-20	4451	Washn	Cavite	receiver	806
517577	9-20	4441	Washn	Guam	receiver	813
517578	9-20	4442	FSB	Guam	insulators	813
517580	9-20	4444	FSB	Tutuila	insulators	846
517579	9-20	4443	FSB	Virgin Islands	insulators	863
518010	9-21	4474	Brook	San Diego	trans and rec equipments	736-40
518006	9-21	4464	Washn	San Diego	wave meter	830
518007	9-21	4460	Washn	MI	"	842
518009	9-21	4461	Washn	Peking	receiver	857
517216	9-21	4475	Airc Fac Ph	Birmingham	receiver etc	918
513993	9-21	4459	Airc Fac Ph	Washn	transformers	918

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518005	9-21	4458	FSB	Tatoosh	insulators	838
516552	9-22	4333	Washn	N.Orlns	radio amplifer	919-5
516553	9-22	4334	Washn	N.Orlns	radio amplifer	919-17
516551	9-22	4332	Washn	N.Orlns	radio amplifer	919-24
518076	9-22	4484	Washn	Hamp Rds	radio	736-34
518076	9-22	4485	Airo Pac Ph	Hamp Rds	radio	736-34
518470	9-23	4487	Washn	Phila	radio receiver	898
512618	9-24	4509	Washn	CC	Apparatus	364-8
518432	9-24	4508	Washn	NY	radio amplifer	898
416860	9-28	4552	Pitts	Mare Island	insulators	842
518693	9-30	4580	Brook	Inspc RA.	Apparatus	123-0-6
519833	9-30	4578	NY	Guantanamo	radio charging panel	607
519883	9-30	4569	FSB	Guantanamo	stg battery	607
520089	10-1	4502	CC	Washn	Apparatus	154-6
520033	10-1	4604	CC	Washn	Material	342-6
520019	10-1	4588	Washn	Marshfield	wave meter	801
520018	10-1	4587	Washn	Cavite	radio	806
520023	10-1	4591	Washn	Guam	radio	813
520017	10-1	4586	Washn	San Diego	radio	830
519475	9-29	4564	Brook	Wash	appr.	838
520024	10-1	4592	Wash	Tatoosh Is	appr. (wavemeter)	838

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516557	9-14	4340	Washington	Bur Standards	vacuum tubes	876
516562	9-15	4349	Airc Pac Phila	Pensacola	insulators	736-38
516561	9-15	4348	Washn	Pensa	radio	736-38
516563	9-15	4350	Washn	Anacostia	radio	736-43
516566	9/15	4351	Washn	Anacostia	compass coils	736-43
517025	9-15	4356	Washn	Cavite	receivers	806
517027	9-15	4359	Boston	Chasn	radio	807
518560	9/15	4347	Washn	Key West	arc key	817
472214	9-15	4345	Washn	Q	Arpa	323-5
470269	9-15	4344	Washn	Phila	Apparatus	323-6
472343	9-15	4346	Washn	Phila	Apparatus	323-6
515715	9-16	4386	Phila	CO	Apparatus	29-N-6
517038	9-16	4380	Phila	WYS	Apparatus	45-E-6
517037	9-16	4373	Phila AF	Hamp Rds	radio	736-34
517031	9-16	4371	Washn	Hamp Rds	radio	736-34
517032	9/16	4372	AM Phila	San Diego	batteries	736-48
517030	9/16	4370	Washn	San Diego	radio	736-40
517036	9/16	4376	Washn	Anacostia	comp coils	736-43
517027	9-16	4365	Washn	Cavite	radio	806
517043	9-16	4385	Puget Sd	Keport	wave meter	833
517042	9-16	4384	Puget Sd	M.I.	wave meter	895-4
517040	9-16	4381	Puget Sd	MI	insul	911
517041	9-16	4383	Puget Sd	Puget Sd	insul	911
517028	9-16	4368	Washn	Phila AF	v.c tubes	918

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517037	9-16	4377 Anacostia	Phila Airs Rec propellers	918
514778	9-16	4366 Phila	Pearl Harbor gap	920-2
514778	9-16	4367 Potom	" "	920-2
508478	9-17	4394 FSB	Great Lakes radio a pr.	889-23
517432	9-17	4405 Washn	Cavite amplifiers	806
517433	9-17	4406 Washn	San Juan wave meter	835
517436	9-17	4407 Washn	San Juan radio appr.	835
517435	9-17	4404 FSB	San Juan insulators	835
517430	9-17	4402 Washn	Eureka receiver	837
517437	9-17	4409 Washn	Pearl Harbor wave meter	852
517439	9-17	4412 FSB	St Thomas insulators	863
517429	9-17	4401 Washn	Astoria wave meter	872
517426	9-17	4395 Washn	Great Lakes condensers	876
517431	9-17	4408 FSB	MI insulators	911
516759	9-17	4396 AF Phila	San Diego trans sets	918
517426	9-17	4397 Washn	Mitchell Field receivers	918
517427	9-17	4398 Washn	Phila AF rec and ampl comp coils	918
517428	9-17	4400 Washn	Inf station KI trans	920
517438	9-17	4411 Washn	San Pedro wave meter	1013
517560	9-17	4413 FSB	Guantanamo insulators	1025
488426	9-18	4429 Puget Sd	M.I. receivers	771-2
518082	9-18	4420 Washn	Worff amplifier	771-2
517570	9-18	4437 Washn	Coco Solo receiver	793-8

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513619	8-30	4154	Washington	Yorkshire Eng.	radio	918
514410	8-31	4170	"	Cape Hatteras	"	1002
513616	8-28	4146	Norfolk	CO Cavite	Apparatus	106-6
514411	8-31	4271	GE	CO	Apparatus	251-6
514428	9-1	4223	Phila	CO	Apparatus	91-Q-6
514424	9/1	4208	Washn	Chesn	radio amplifier	807
514422	9-1	4206	Washn	Phila	radio amplifier	828
514412	8-31	4172	Washn	Managua	radio battery	850
514427	9-1	4222	FSB	Airc Phila	tubing	918
514429	9-1	4224	Phila	Great Lakes for Grand Marais		919-1
514423	9-1	4207	Washn	Hamp Rds	radio ampl	1038
514421	9-1	4205	Washn	Whitehall	radio	1041
514865	9/2	4227	Norfolk	great lakes	radio	919-1
514430	9/2	4226	Wash	GL	radio	919-1
514425	9/1	4221	Wash	Jupiter	radio	919-35
514869	9-2	4230	Norfolk	Geat Lakes	gas engine	919-55
514870	9/2	4231	FSB	GL	gas engine	919-55
514866	9/2	4228	Wash	GL	radio ap r	919-55
514867	9-2	4229	Phila	GL	radio compass	919-55
514872	9/2	4232	Wash	GL	"	919-66
514871	9/2	4232	Phila	GL	"	919-66
514733	9/1	4218	Norfolk	Savannah	radio batteries	1028
514879	9/3	4241	FSB	NY	phones	902

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514881	9/3	4243 Airc Factly	Jersey City trans equipment	918
514873	9/3	4236 Norf	Great Lakes gas engine	919-86
514874	9/3	4237 FSB	Great Lakes "	919-66
515153	9-4	4261 Phila	San Juan wave change	835
504779	9-7	4274 Washn	Union Apparatus	457-6
515157	9-4	4264 Washn	Phila a. paratus	918
515159	9-4	4265 "	" a. paratus	918
513993	9-4	4266 "	" "	918
515164	9-7	4273 "	Cavite s.p.r.	9 06
513251	9-7	4271 NY	Gironde s.p.r.	930
515166	9-8	4275 Phila	TO s.p.r.	91-q-6
515167	9-8	4276 Washn	CO appr	91-q-6
515169	9-8	4278 Brook	CO appr	457-6
515078	9/8	4277 Wash	PH receivers	589-21
515170	9/8	4284 Washn	Coco Solo radio	736-41
515008	9/8	4286 NY	Colon radio appr.	830
515796	9/8	4282 FSB	GL for distribution stg Batteries	919-65
514878	9/9	4240 Washn	Pensacola airc radio comp coils	736-38
514880	9/9	4242 Washn	Pensa receivers	736-38
513992	9-8	4285 Airc Phila	Rockaway radio appr.	736-39
514563	9/11	4323 Washn	Portland OSSIR vacuum tubes	704
482444	9-14	4339 NY	SO Pac Snd Apparatus	488-6
491322	9/14	4342 Washn	Ch. sn radio	761

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511353	8-14	3993	Norfolk	Dept.	stg battery for radio comp map	507
511018	8-18	3984	Washington	radio appr.	Phila AF	918
511029	8-16	3999	Airc Fcty	Garden City	radio trans	918
511028	8/16	3994	LY	Peking	radio	857
511016	8-16	4000	Phila	Peking	ventl set	857
511601	8-17	4018	FSB	Managua Nicaragua	mast	858
511590	8-16	4004	Washn	Boston	radio apparatus	918
511589	8/17	4003	Airc Fcty	Boston	"	918
511588	8/16	4002	Chicago	Boston	"	918
511587	8/16	4001	GE	Boston	"	918
511603	8-18	4019	Boston	Chasn	radio tran sets	771-2
512013	8-18	4027	FSB	Managua	insulators	858
512009	8-18	4029	NY	Managua	wire	858
512010	8-18	4021	NY	Managua	antenna switch	858
512018	8-19	4046	Washn	Airc Phila	radio appr.	918
452469	8-18	4030	Boston	Washn.	trans equipment	321-6
512017	8/18	4039	Ham Rds	Phila	radio	918
512023	8-19	4051	Washn	Phila	radio a pr.	875
512814	8/23	4079	N.O.	MI	radio	898
512815	8/23	4080	N.O.	Chasn	radio trans sets	898
512812	8/23	4078	N.O.	LY	radio	898
512821	8/23	4087	FSB	Pug Sd	radio engine	919-1
512822	8/23	4086	FSB	Boston	gen	919-2
512823	8/23	4089	FSB	Phila	gen	919-10

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512818	8-23	4081 Washn	CO radio	364-6
512820	8/23	4086 Norf	CO "	364-6
509821	8-25	4094 Puget Sd	MI radio battery panels	689-7
513151	8-25	4109 Washn	Dept signal set	876
513154	8-25	4113 Norf	Bur Standards phones	896
513153	8-25	4112 Washn	M.I. radio amplifiers	898
513157	8-25	4114 NY	Westinhouse radio trans set	898
513159	8-25	4116 NY	St Petersburg Fla insulators	911
513158	8-25	4115 Washn	Bar Harbor radio	920-2
513606	8-25	4127 Boston	Newport radio	898
513605	8-25	4126 Tuckerton	MI trans equi mt	898
513613	8-27	4136 Washn	Dept wave meter	898
484784	8-30	4160 Washington	Boston radio apparatus	893-1
513620	8-30	4158 Anacostia	GE radio gen	918
513618	8-30	4153 Washn	Phila Alco stg batteries	918
513631	8-30	4159 Phila	CO Apparatus	573-6
493288	8-30	4156 Brook	Washn Apparatus	515-6
513623	8-30	4161 Norf	CO Apparatus	364-6
472214	8-27	4135 Washn	CO Apparatus	323-8
514416	8-31	4178 Washn	Boston radio	843
514413	8-31	4175 NY	Managua "	858
514414	8-31	4176 Boston	Managua "	858
514415	8-31	4177 Wash	Bar Harbor "	920-2

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506084	7-21	3778 W.I.	Cavite buzzer sets	806
506357	7-21	3779 M.I.	Pearl Harbor "	852
499531	7-22	3786 Washn	Lake Apparatus	107-6
506207	7-22	3789 Washington	Dahlgren radio appr.	736-54
506207	7-22	3790 Phila	" radio	736-54
506687	7-23	3801 Washington	Charleston vacuum tubes	761
506959	7-23	3802 Chicago	Dept Room 2429 radio appr.	876
504898	7-23	3798 Bur Standard	Tuckerton Godtschmidt tone wheel	898
506664	7-24	3809 Washn	CC Apparatus	206-Q-6
506967	7-24	3811 FSB	Washn appr.	898
506971	7/25	3822 Washn	Glenn sig system	807
472344	7/26	3824 Bur Bids	Phila Airc Fac ammet rs	898
506968	7/24	3812 Rockaway	Phila Airc receivers	918
506973	7/26	3823 NY	Seawall Me. insulators	920-2
507390	7/26	3829 Washn	Va Beach receiver	1034
507112	7/26	3828 Washn	Radio Room 2628 panel	1047
505829	7-26	3821 Washn	CC Apparatus	515-6
507294	7-27	3837 Washn	Phila tank	761
507389	7-26	3827 Phila	Bur Bids ammeter	893
503995	7-27	3835 Phila	CC Apparatus	515-6
507389	7-27	3834 Washn	C Apparatus	563-6
507926	7-28	3841 Washn	Puget sd radio	898
507401	7-27	3836 Phila	CC Apparatus	515-6
503142	7-30	3859 Norf	Adriatic Forces radio appr.	787-1

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501980	7-30	3858	Norfolk	CO S-3 vacuum tube panel	107-0-6
508293	8-2	3869	Attila	CO C-1 MUT radio appr.	89-771
500608	8-2	3880	Attila	CO PROSPOCK a pr.	918
508289	7-31	3868	Norfolk	Chas2 gas engine unit	919
508664	8-2	3881	Brook	SO Phila Apparatus	383-6
509533	8-6	3915	Boston	Phila radio appr.	383-6
509533	8-6	3914	Washn	Phila radio appr.	383-6
507331	8-9	3956	Phila	Met St Insulators	8-33
460569	8-9	3960	Washn	DELAWARE portable field set	896
315207	8/9	3957	Washn	Phila dry cells	876
509281	8-9	3959	Washn	CO SANDPIPER radio materi	51-8-6
508458	8/9	3958	MSB	MI radio trans	521-6
509539	8/7	3939	Brook	Phila AF radio	918
509538	8/7	3938	Brook	Mitchell Field radio	918
509525	8/9	3912	Washn	Mitchell Field radio	918
509526	8/9	3913	Attila	Mitchell Field helmets	918
508620	8/10	3962	Washn	CO charging panel	8-X-6
510440	8-11	3977	Boston	Washn gen sets	902
510435	8-11	3941	Ny	San Domingo City gaskets	885
502517	8/12	3974	Ph	NO radio battery	882-1
510442	8/12	3978	Washn	Bar Harbor pump	920-3
511016	8-12	3983	Washington	Peking booth	857

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00818	7-14	3685 Norfolk	IL NY Apparatus	573-6
504792	7-14	3675 Washn	CO Apparatus	408-6
505010	7-14	3677 Washn	CO Apparatus	289-6
50130	7-14	3683 Washn	Co Apparatus	182-6
505611	7-14	3678 Washn	CO Apparatus	126-6
504787	7-14	3663 NY	Coco Solo insulators	911
504790	7-14	3673 FSB	Mitchell Field saw-tubing hose	918
504791	7/14	3678 Wash	Mitchell Field vacuum tubes batt	918
504789	7-14	3665 ARPh	Mitchell radio	918
505016	7-14	3684 Anacostia	ARPh radio prep	918
504788	7-14	3664 Wash	Mitchell radio	918
504786	7-14	3662 Wash	Bar Harbor radio	920-2
505247	7-15	3695 Washn	Boton sockets	707-1
505255	7-15	3713 Washn	BEAVER radio rec set	69-771
505224	7-15	3697 Phila	TOUCHEY stg battery	282-Q-6
505286	7/14	3714 Washn	BRIDGEPORT radio	8-X-6
504617	7/15	3711 Washn	Bridgeport radio	8-X-6
505023	7-15	3689 Washn	CO radio rec set	138-6
505027	7/15	3692 Washn	CO radio	144-6
505251	7-15	3707 Washn	Co "	167-6
505253	7-15	3709 "	" "	188-6
505249	7-15	3696 "	" "	318-6
505029	7-15	3693 "	" "	360-6
505252	7-15	3708 "	" "	364-6

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505254	7-15	3712 Washington	CO radio set	367-6
505250	7-15	3706 "	" "	389-6
505026	7-15	3691 "	" "	384-6
505009	7/14	3676 "	" "	457-6
504024	7-15	3690 "	" "	510-6
505724	7-17	3729 "	Anacostia radio Magnavox	735-43
505722	7-17	3728 Anacostia	Phila Airo Factory radio receivers	918
505742	7-19	3752 FSB	Washn insulators	771-2
505739	7-19	3750 FSB	Washn insulators	771-2
505738	7-19	3749 MI	Phila SD insulators	771-2
505726	7-19	3738 Washn	BLACK HAWK radio rec set	61-771
505741	7-19	3751 FSB	Phila insulators	771-2
505735	7-19	3739 Washn	C Apparatus	264-6
505735	7-19	3746 Washn	CO Apparatus	222-6
505734	7-19	3745 Washn	CO Apparatus	189-6
505732	7-19	3743 Washn	CO Apparatus	185-6
505728	7-19	3737 Washn	CO Apparatus	156-6
505731	7-19	3740 Washn	CO Apparatus	20-5
505734	7-19	3744 Washn	CO Apparatus	509-6
506067	7-20	3758 FSB	NY insulators	771-2
506068	7-20	3759 Washn	NY insulators	911
506337	7-20	3777 BROOK	X Newport Dumell	581-4 13
506336	7-20	3768 ID	Washn Propellers	200-2 14
490556	7-20	3757 Washn	FR Apparatus	123-0-6

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504016	7-10	3582	Washington	Phila	radio apparatus	761
496894	7-10	3585	"	Co SHANNUT	"	899-771
482438	7-10	3589	Norfolk	Key West	stg battery chg panel	771-2
503142	7-10	3592	Boston	Adriatic Forces	radio apparatus	787-1
503142	7-10	3591	Washington	"	"	787-1
500862	7-9	3564	Washington	Boston	receivers	898
500862	7-9	3563	"	NY	"	898
500862	7-9	3565	"	Norfolk	"	898
497038	7-8	3534	Phila	Norfolk	radio trans	898
503986	7-9	3561	Phila AF	Radio Corpn	radio apparatus	918
502996	7-8	3543	Norfolk	FR	Apparatus	123-0-6
503992	7-9	3676	Washn	SO Ports	Apparatus	109-0-6
502040	7-9	3577	Washn	CC	Apparatus	324-6
503975	7-8	3545	Norfolk	SO MI	Apparatus	135-0-6
503989	7-9	3575	Washn	Norfolk	Apparatus	522-6
502998	7-8	3545	M. I. L.	Lake	Apparatus	120-0-6
499560	7-4 ^U	3681	Norfolk	MI	Apparatus	524-6
503995	7-10	3580	Phila	CC	Apparatus	515-6
503987	7-9	3568	Washn	Boston	Apparatus	355-6
501893	7-12	3607	Norfolk	CC	Apparatus	264-6
"	7-12	3608	Washn	CC	Apparatus	264-6
"	7-12	3607	Norfolk	CC	Apparatus	264-6
503950	7-12	3602	Norfolk	Phila	Apparatus	206-Q-6
"	7-12	3601	Norfolk	Phila	Apparatus	208-Q-6
504025	7-12	3600	Lake	Boke River	Apparatus	124-0-6
503994	7-12	3595	MI	Lake	Apparatus	121-0-6
501881	7-12	3622	Norfolk	CC	Apparatus	111-0-6

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503142	7-12	3593	FSB	Adriatic Forces	radio apparatus	787-1
503142	7-12	3594	Phila	"	"	787-1
504033	7-12	3624	Norfolk	Moorehead City	"	800
504464	7-12	3598	Chasn	Pt Isable	schlt	853
504026	7-12	3605	Boston	Galveston	condensers	1011
504027	7-12	3605	FSB	Galveston	spark gap	1011
504031	7-12	3623	Phila	Glou	Relay	1200
504772-	7-13	3638	Washn	Co	Apparatus	324-6
504778	7-13	3657	Washn	Co	Apparatus	554-6
504027	7-13	3625	Washn	NY	Apparatus	529-6
504030	7-12	3621	Boston	Washn	Apparatus	515-6
504779	7-13	3658	Washn	CO	Apparatus	457-6
504041	7-13	3627	Washn	CO	Apparatus	342-6
472343	7-13	3656	Washn	CO	Apparatus	323-6
504773	7-13	3639	Washn	CO	Apparatus	212-6
504039	7-13	3628	Washn	CO	Apparatus	154-6
504024	7-12	3599	Lake	MI	Apparatus	140-0-6
504030	7-13	3627	Brook	FR	Apparatus	123-0-6
504774	7-13	3651	Washn	Moorehead City	receiver	800
504775	7-13	3652	Washn	Pt Isabel	amplifier	853
504777	7-13	3654	Washn	GE	radio rec tubes batt	898
504776	7-13	3653	Boston	GE	transmitter	898
495171	7-13	3640	Washn	Washn Bur Stds	receiver	916

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500463	6-25	3405 Washington	Pearl Harbor	radio apparatus 689-21
501288	6-24	3391 Annapolis	Rockland Beach	radio trans set 736-39
500835	6-24	3385 Boston	Coco Solo	radio trans set 736-41
501096	6-25	3412 Washington	Charleston	radio apparatus 761
499529	6-25	3402 Washington	Norfolk	lumber 898
499384	6-28	3424 Phila	CO	Apparatus 20-X-6
498493	6/29	3431 Washn	Bur Fisheries	radio app. 650
501442	6-29	3429 Wash	N.I.	radio amplifier 916-2
493228	6-29	3428 Brook	CO	Apparatus 515-6
501982	6-28	3455 Washn	PR	Apparatus 78-0-6
501300	6-28	3423 Washn	Boston	Apparatus 182-6
501972	6/29	3443 Washington	Annapolis	radio 764-3
501971	6-29	3442 Wash	Phila	radio rec 618
502415	7/1	3459 Washington	Radio Corp	radio app. 898
502419	7-1	3464 Washington	SO Ports	Apparatus 84-0-6
454200	7/2	3477 San Juan	NY	thermo anemometer watt meter 578
502418	7/1	3461 AF Phila	ALCOCK	radio app. 24-771
502417	7/1	3460 Wash	CO	" "
502426	7/2	3483 Washn	Dept	radio 876
502423	7-2	3479 Washington	Norfolk	condensers 919
502422	7/2	3478 Washington	Phila	" 919
502424	7/2	3480 Washington	Charleston	condensers 919
502428	7/2	3487 Wash	Coco Solo	radio appr. 736-41

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502432	7-3	3492	Washn	CC	Apparatus 342-6
502975	7-3	3493	Phila	Co	Apparatus 342-6
501301	6-28	3427	Washn	SC NY	Apparatus 321-6
502431	7-3	3491	Washn	Balte SB	vacuum tubes 771-2
493970	7/3	3490	Phila	NY	radio appr for NY 699
502427	7/2	34867	Washn	Mirc Fac Phila	radio batteries 918
502429	7/2	3488	San Diego	AF Phila	trans 918
502161	7/2	3489	Phila	Fac Fleet	trans switches insulators 918
499502	7-6	3506	Phila	Co	Apparatus 153-6
477592	7/6	3508	Brook	Phila	radio appr 771-2
501442	7/6	3507	Washn	N.I.	radio appr 916-2
498084	7-7	3528	FSB	Cavite	radio 826
503362	7/7	3503	Moer	Moorehead City	stg batteries 1044
502997	7-8	3544	FR	Lake	Apparatus 119-0-6
502995	7-8	3537	Norrf	Lake	Apparatus 119-0-6
502777	7-8	3505	Washn	Ports	Apparatus 114-06
502727	7-8	3534	FR	Ports	Apparatus 114-0
501840	7/9	3578	Washn	Naval Acad	radio appr. 707-1
503982	7/9	3567	Washn	H Hde	radio 736-34
503983	7/9	3558	Washn	Pensacola	radio 36-38
503985	7-9	3560	Washn	Rockaway	radio 736-39
503984	7/9	3559	Washn	Coco	" 736-41

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493227	6-12	3243	Brook	CO	Apparatus	515-6
472335	6-12	3244	Washn	Annapolis	Apparatus	323-6.
499157	6-14	3252	Phila	Key West	insulators	817
499156	6-14	3251	Phila	Mare Island	insulators	911
495786	6-12	3245	Brook	Inspr Lake	Apparatus	119-0-6
498499	6-12	3242	Phila	Boston	Apparatus	515-6.
499171	6-15	3281	Phila AF	G. Lakes	radio	707-11
499169	6-15	3266	Washn	G. Lakes	radio	707-11
485258	6-15	3264	FSB	Hoboken N.J.	radio	727-1
499163	6-15	3263	A ² Phila	Anacostia	radio appr.	736-43
315207	6-16	3283	Norfolk	M. Island	radio appr.	876
499557	6-16	3284	Washington	Boston	insulators	911
499549	6-16	3282	Washn	Anacostia	wave meter	736-43
452749	6-18	3301	Phila	Anacostia	see SO engine material	736-43
499179	6-17	3298	FSB	Chen	radio appr.	701
499561	6-17	3294	Washn	Bureau Engr.	radio vac tube	898
499560	6-17	3293	Washn	Norfolk	insulators	911
244059	6-17	3297	Brook	Union	Apparatus	123-0-6
244059	6-17	3295	Phila	Union	Apparatus	123-0-6
499559	6-17	3291	Washn	NY	Apparatus	911
500105	6-18	3310	Washn	Pensa	radio receiver	736-38
499461	6-18	3309	Phila AF	Coc São	radio appr.	736-41
499461	6-18	3308	Washington	Coco Solo	radio appr.	736-41
500106	6-18	3312	Washington	Anacostia	radio	736-43

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500108	6-19	3328	Washington	CO	compass coils and condensers	699-771
318197	6-18	3311	San Diego	Phila Af	radio trans sets	918
500111	6-21	3338	N.Y.	Palo Alto	radio arc trans set.	712-771
491598	6-19	3327	SO NY	Union	Apparatus	2-2-13
496386	6-21	3339	Phila AF	Pensacola	radio appr.	736-38
500293	6-21	3336	Phila AF	Rock Beach	radio m tets	736-39
500327	6/22	3334	Chas	Chasn for Port au Prince	batteries	865
500112	6-21	3345	Wash	Phila AF	batteries	918
500127	6/21	3349	Phila	Phila AF	telephone	918
499660	6-22	3357	Phila AF	C Lakes	inter com sets.	707-9
507855	6/23	3355	Wash	Boston	vacuum tube receptacle	898
500110	6/22	3355	Wash	Co	radio appr.	515-6
500870	6-24	3388	Boston	Hampton Rds.	radio	736-34
500865	6/24	3386	Boston	Pensacola	radio	736-38
501288	6/24	3391	Anacostia	Rock Beach	radio	736-39
501285	6/24	3389	Boston	San Diego	radio	736-40
500865	6/24	3385	Boston	Coco Solo	radio	736-41
500868	6/24	3387	Boston	Anacostia	radio	736-43
501286	6/24	3390	Boston	AF Phila	radio	918
500864	6/24	3378	Boston	Atl Fleet	radio trans set	918
500858	6-24	3376	Norfolk	CO	Apparatus	573-6.
500858	6-24	3377	Chasn	NY	Apparatus	573-6

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496427	6-2	3092	Norfolk	San Juan	radio apparatus	678
496426	6-2	3086	F.S.B	San Juan	radio apparatus	678
497021	6-2	3085	San Juan	Washn	radio apparatus	678
491957	6-1	3080	F.S.B	Charleston	radio stg batteries	761
498610	6-1	3078	N.O.	Pt Isabel	machine tools	653
494907	6-3	3115	Washington	H.Rds	radio apparatus	736-34
494907	6-3	3114	AF Phila	Hampton Rds	radio apparatus	736-34
497362	6-3	3112	AF Phila	Rockaway Beach	radio apparatus	736-39
497184	6-3	3113	Boston	Adriatic Forces	radio appr	787-1
497023	6-2	3097	N.Y.	Norfolk	radio appr.	800
496843	6-4	3133	Washn	Rock Beach	vacuum tubes	736-39
497373	6-4	3132	Washn	Phila AF	radio appr.	918
491598	6-4	3127	SO NY	Union	Apparatus	123-0-6
491598	6-4	3126	SO NY	FR	Apparatus	123-0-6
454200	6-5	3065	Norfolk	San Juan	storage battery	678
497665	6-5	3135	N.Y.	M.Island	turbine blading	689-7
496850	6-5	3150	F.S.B	Cavite	radio appr	806
497373	6-5	3139	F.S.B	N.Y City Mr. H	radio appr.	882-1
461037	6-5	3149	Washington	Cavite	stg batteries	698
491132	6-5	3141	Washington	CO	Apparatus	323-6
497426	6-5	3140	Washington	CO	Apparatus	205-6
497380	6-5	3148	Brook	CO	Apparatus	130-5
497377	6-5	3138	Anacostia	CO SHAWMUT	radio appr.	699-771
496425	6-7	3155	Annapolis	Bur Stds	vacuum tubes trans	898

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Number.	Date.	From or To--	Subject.	
497846	6-7	3170 Washington	Laf Sta batteries	920
497842	6-7	3153 Washington	Norfolk Apparatus	251-6
484632	6-8	3181 Norfolk	Boston radio apparatus	707-1
484632	6-8	3180 Phila	Boston radio appr.	707-1
484632	6-8	3179 Washn	Boston radio a pr.	707-1
497848	6-8	3178 Washn	CO SHAMUT radio appr.	918
497732	6-9	3204 Washington	College Park radio appr.	685
497893	6-8	3187 A.F. Phila	Pac Fleet radio appr.	918
497893	6-8	3188 Washn	Pac Fleet radio appr.	918
495565	6-10	3227 Wash	H.Rds radio appr.	736-34
497881	6-9	3214 Wash	Pensa radio appr.	736-38
495566	6-10	3226 Washn	Pensa radio appr.	736-38
487588	6-9	3205 San Diego	Pac Fleet radio	736-40
495567	6-10	3225 Wash	San Diego radio a pr	736-40
498488	6-10	3219 Anacostia	Bur Stds generator	882-3
497856	6-9	3208 Arphila	San Diego radio trans sets	918
495935	6-10	3218 Washn	CO Apparatus	425-6
495564	6-11	3230 Washn	Rockaway Beach radio appr.	736-39
495560	6-11	3232 Wash	ARON STOTK radio	24-771
494936	6-11	3221 Wash	SHAMUT radio	695-71
498494	6-11	3233 Wash	BALBOA radio	850
498489	6-10	3220 Washn	Vladivostok radio	980-13
50053	6-10	3201 Keyport	" " Magnetos	629
50053	6-11	3211 Keyport	CO Phila	629
50053	6-11	3222 Keyport	Phila	629
49971	6-11	3224 Phila	Keyport Material	629

Number.	Date.	From or To--	Subject.	
778 489700	5/18	2865 Phila	CO batteries	699-771
494622	5/20	2922 Washington	Bur S.E. radio apparatus	876
494616	5/20	2917 Phila	Washington radio trans set	898
494619	5/20	2928 Washington	Phila A.F. radio air c compass coils and amplifiers	918
494625	5/20	2924 Phila	Norfolk condensers radio compass compensators	919
494176	5/19	2897 Schenectady	Phila rec for problem 70	200
494912	5/21	2943 Washington	Coco Solo radio compass coils	786-41
494630	5/21	2936 Washington	S.E. shafts for rot tone condenser	882-1
494634	5/21	2939 M. Island	Wash radio trans sets	898
494917	5/21	2945 M.I.	FSB radio trans sets	898
494915	5/21	2944 M. Island	Phila "	898
494632	5/21	2937 M.I.	Norfolk "	898
494628	5/21	2935 Phila	Charleston "	898
495008	5-22	2953 Phila	Great Lakes stg batteries	678
492573	5-22	2954 N.Y.	Naval Acad., radio apparatus	1200
492573	5-22	2955 FSB	Naval Acad., radio appr- batteries	1200
492573	5/22	2956 Norfolk	Naval Acad., storage batteries	1200
494924	5-24	2965 Washn	Cavite wave meter	606
494925	5-24	2966 Washn	Darien wave meter	851
494927	5-24	2967 F.S.B	G.Lakes radio apr.	678
494928	5-24	2968 Norfolk	G.Lakes radio	678
494921	5-22	2961 A.F. Phila	CO SIA MIOT radio a. r.	699-771
494923	5-22	2962 Washn	Peking radio wave meter	857
492573	5-22	2957 Washn	Naval Academy radio apr.	1200

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Number.	Date.	From or To--		Subject.		
494924	5-25	2978	Annapolis	Washington	Apparatus	205-6
495565	5-25	2983	Washn	H.Rds	radio compass	
495566	5-25	2992	Washn	Pensacola	coils & amplifier	736-34
495566	5-25	2982	Washn	Rockaway Beach	radio comp coils etc	736-38
495567	5-25	2995	Washn	San Diego	radio appr.	736-39
495560	5-25	2981	Washn	CO	radio comp coils	756-40
494935	5-25	2960	Washn	CO	radio appr.	24-771
495572	5-27	3017	N.Y.	CO	radio appr.	699-771
495575	5-27	3019	F.S.B	Navn	map	772
495576	5-27	3020	Washn	G.E.	radio appr.	898
457176	5-27	2998	CO	Lafayette	radio appr.	920
496423	5-28	3040	F.S.B	SO Norf	Apparatus	1655-K-6
487472	5-28	3039	M.I.	C.G. Store	radio apparatus	704
495251	5-27	3027	Washn	FT Mason	radio apparatus	727-1
244059	5-29	3058	M.I.	Santiago Dominican Rep	radio appr	761
496460	6-1	3081	Phila	Union	Apparatus	123-0-6
496425	5-29	3056	Bu Standards	CO	Apparatus	455-6.
494880	6-1	3067	Chicago	Annapolis	transmitter	898
494140	6-1	3066	Wash	So Balto	radio apparats	704
496433	6-1	3068	Chicago	Phila	radio appr	761
472214	6-2	3093	Washn	Washn SE	radio apparatus	893
497022	6-2	3096	Wash	CO	radio appr	323-6
				CO Annapolis	radio apr.	323-6

Number.	Date.		From or To—		Subject.	
492073	5-10	2732	Washington	A.F. Phila	switches	918
492072	5-10	2730	"	San Diego	radio appr for Fleet Air Detachment	736-40
492076	5-10	2733	"	Anacostia	switches	736-43
492072	5-10	2731	Airc Pacy	Anacostia	radio apparatus	736-43
492892	5-12	2780	Washn	"	radio appr.	736-43
492893	5-12	2781	Fleet Base	Guantanamo	radio appr.	814
485960	5-11	2769	Porta	Washington	radio appr.	898
492082	5-11	2769	Ny	CO	vacuum storage batteries.	515-6
492083	5-11	2768	Wash	CO	audibility meters.	515-6
492081	5-11	2756	Boston	CO	key contacts	511-6
434394	5-12	2772	Wash	Pug Sd	trans equipment.	488-6
491957	5-13	2790	Norfolk	Charleston	radio apparatus	761
492896	5-13	2788	Washn	Managua Nic.,	radio appr.	858
469268	5-13	2795	Phila	M. Island	radio batteries	882-1
492891	5-12	2779	A.F.	N. London	radio dynamotors see 797 also	918
493228	5-13	2806	Brook	N.L.	Wave-meter.	515-6
492907	5-13	2787	Washington	N.L.	apparatus	515-6
493229	5-13	2807	Brook.	NY	wire cleats	515-6
493203	5-13	2809	Brook	Best	Pumps	407-6
492726	5-14	2831	Phila	Ship	condensers	321-6
493	5-13	2805	Wash-	CO	Vacuum tubes	515-6.
493234	5/14	2810	Anacostia	GE	radio apparatus	918
469570	5-15	2846	Norfolk	Cavite	radio	897
489570	5/15	2845	Wash	Cavite		897

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Number.	Date.	From or To	Subject.	
492887	5-14	2829 Phila	Norfolk	boxes - Push buttons 407-6
454200	5-17	2854 San Juan	Washington	radio receiver 678
487165	5/17	2852 Washn	Washn Yd	radio apparatus 109-Q-6
494025	5/17	2861 FSB	Managua	radio gas engine for 858
493788	5/18	2863 Wash	N.Y.	radio a pr. 515-6
493791	5/18	2864 Phila	N.Y.	apparatus 515-6
494166	5/18	2875 G/E.	Phila	radio appar. tus 1200
494170	5/18	2876 Glou	Annapolis	radio sound appr. see S.O.1200
489239	5/17	2855 Norfolk	Geat Lakes	radio appr. 678
494161	5/18	2872 Phila	G. Lakes	radio batteries 678
489239	5/17	2859 E.S.B.	9th Dist	radio apparatus 678
494133	5/18	2868 N.Y.	Morhead City	motor 736-47
489700	5/18	2891 Phila	CO	batteries 699-771
483550	5-18	2866 Phila	CO	apparatus 323-6
481530	5-18	2874 Wash	CO	apparatus 323-6.
489700	5/18	2878 Washn	CO	vacuum tubes 699-771
493791	5-18	2864 Phila	NY	apparatus 616-6
4.4179	5-19	2900 Norr	CO	apparatus 2-2-6
493978	5/20	2919 Washington	Pensacola	radio rec and vac tubes 736-48
494617	5/20	2918 A.F. Phila	Anacostia	radio material 736-43
494681	5/20	2921 Wash	Anacos	wave meters 736-43
489700	5/18	2877 A.E.	CO	radio appr. 699-771
489700	5/18	2892 Wash	CO	radio 699

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Number.	Date.	From or To—		Subject.	
490302	4-29	2459	Wash	FR amplifiers.	123-0-6
438700	4-28	2433	M.I.	Cavite batteries	902
489775	4-28	2429	Ch sn	N.Y. radio trans sets	771-2
489777	4-28	2450	Charlesn	NY radio	898
490297	4-29	2443	Wash	Room 2433 Dept radio	898
489167	4-26	2375	Schenec	Anacostia radio	918
490304	4-30	2468	Airc Fac Phila	Anacostia radio appr.	736-43
488750	4/28	2423	Washn	Providence radio appr.	918
488750	4/28	2421	Airc Phila	Minneapolis radio	918
488750	4/28	2422	Wash	Minneapolis radio	918
488750	4/28	2420	Airc Phila	Providence radio	918
489880	4-29	2456	Brook	Fr transmitting sets.	123-0-6
490762	5-1	2497	Washington	Sayville radio	920-8
490361	5-1	2495	Boston	S-4 antenna wire	109-0-6
490309	5-1	2479	Wash	S-4 receiving antenna coils.	109-0-6
490763	5-3	25417	Airc Factly	Pensacola radio apprts	736-38
489698	5-1	2482	H.Rds	Phila Airc Fac radio appr.	692-771
490764	5-3	2502	Arcadia	Airc Factly radio airc mstrl	918
490767	5-3	2503	Cape May	Phila Airc Fac radio receivers	918
490756	5-3	2481	Wash	New London antenna coils	110-0-6
488939	5-4	2634	Fleet Base	P.C. W.H. N.Y. radio appr	727-1
491294	5-4	2635	Washington	Cavite radio amplifier	806
491297	5-4	2642	Washington	Cordova radio amplifier	809
491423	5-4	2645	Washington	Paget sd	833

Number.	Date.	From or To—	Subject.	
491295	5-4	2636 Washington	St. Paul radio amplifier	847
491421	5-4	2644 Washington	Astoria radio amplifier	872
491291	5-4	2648 Washington	Vladivostok radio amplifier	920-13
491299	5-3	2645 Washington	Ketchikan radio amplifier	1016
484176	5-3	2504 Washington	CO. Receiver	290.-6
49846	5-4	2616 Keyport	Philadelphia Magneto bracket supports	629
50053	5-3	2487 Keyport	Loeing Magnetos are ship order card	629
491420	5-4	2646 Phila	Annapolis storage batteries.	323-6
244059	5-5	2650 K. Is	Union insulators.	123-0-6
487155	5/5	2659 New Orln	Pt Isabel Engine lathe	918
472344	5/5	2649 Phila	Washington transmitters, armeters	898
491425	5/5	2651 Wash.	Fug 3d long wave meter	893-4
490932	5-6	2676 Wash	CO radio apparatus	285-6
491428	5-6	2661 Boston	CO receiver	515-6
491437	5-7	2690?? Norf	Chasn apparatus listed.	511-6
489571	5/7	2708 FSE	Cavite radio appr.	875
315207	5/7	2701 Wash	Phila radio apparatus	876
468765	5/7	2698 Annapolis	Washn inductances	920-8
491435	5/6	2677 GE	Anacostia radio a pr.	736-45
492066	5-8	2718 Washn	Ports vacuum tube detector	852
491160	5-8	2717 Lake	Brook. Apparatus	587-6
464376	5/10	2741 Norfolk	Pt Isabella gen set	853
491440	5/7	2710 Washn	Scho nectady radio rec vac tubes	898
492068	5-8	2719 Washington	Phila A. F. radio appr.	918

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Number.	Date.	From or To—		Subject.	
484467	4-16	2219	College Park	Washington telephone sets	685
487096	4-16	2217	Washington	College Park batteries boxes	685
485258	4-16	2207	M. Island	Fontana W.H. Frisco radio appr.	727-1
487278	4-16	2230	Washn	Chasn fly wheel for eng priming	761
487595	4-16	2232	Washington	M. Island cup for engine	893-4
487594	4-16	2231	Airc Fac Ph	Washington wave meter	893-4
486392	4-16	2216	Airc Phila	Medford Hillside Mass vacuum tubes	898
487606	4-19	2255	Wash	Ports receivers, panels etc.	329-6
487611	4-19	2271	Boston	Pt Isabel condensers	853
485660	4-20	2286	Phila Airc	Coco Solo Maganvox set	736-3
488318	4-20	2290	Phila Airc	San Diego helmets rec and tubes	738-40
488313	4-20	2282	Norfolk	N.Y. automatic starter	876
488322	4-20	2293	Boston	Washington radio receiver	1200
488323	4-20	2299	CO	Wash radiation ammeters	522-6
488314	4-20	2283	Ports	Wash sub receiving coils.	109-0-6
487768	4-21	2303	CO	Norfolk rheostat	1654-K-6
"	4-21	2300	Norfolk	PATOKA rheostat.	1654-K-6
487472	4-21	2317	M.I.	Ft. Mason Cal. radio matrl.	727-1
487537	4-22	2320	Phila	N.Y. vacuum tube stg batteries	573-6
488312	4-22	2332	Washington	Worcester Mass buzzer blinker set	707-10
488427	4-22	2318	Norfolk	Phila masts	761
488540	4-22	2319	Airc Fac Ph	S.O. Ph radio appr.	882-1
488791	4-23	2352	N.Y.	Europ Fcs Eas Med. radio appr.	787-1
315207	4-21	2312	Washn	N. Orleans radio material	876

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Number.	Date.	From or To—	Subject.	
485506	4-21	2316 Washington	Boston vacuum tubes	896
489142	4-23	2339 "	Radio Divn SE radio apparatus	896
488541	4-22	2321 Chatham	Phila Airc Fac radio appr.	918
488545	4-22	2331 Cape May	Phila Airc Fac radio appr.	918
488534	4-21	2311 Washington	Phila radio apparatus	1200
489143	4-23	2340 Charleston	Port Royal radio apparatus	848
489765	4-24	2365 Wash	New London radio apparatus listed.	515-6
489764	4-24	2364 Insp'r GE	New London transmitting set	515-6
489765	4-24	2362 Insp'r GE	New London submarine trans equip	110-0-6
489766	4-24	2363 Wash	New London radio apparatus listed.	110-0-6
487166	4-24	2368 Wash	S-4 radio apparatus listed.	109-0-6
488585	4-25	2378 Washn	M. Island radio appr.	689-7
485156	4/25	2374 Airc Fac Ph	Se. Phila radio appr.	876
489239	4-27	2396 Phila	Great Lakes radio appr.	678
489239	4-27	2397 Washn	Great Lakes radio appr.	678
431339	4-27	2398 H. Rds	Air Sta H. Rds radio helmets	735-34
489767	4-27	2397 Wash	Phila radio appr.	771-2
488791	4-27	2410 Washn	Comdr Eastern Forces radio appr.	787-1
489768	4-27	2409 Airc Ph	Bur Standards radio appr.	918
489261	4-28	2431 Phila	Lake vacuum tube storage batteries.	119-0-6
489261	4-29	2441 Boston	Lake condensers and switch	119-0-6
489880	4-29	2457 Wash	FR battery charging panel	123-0-6
489880	4-29	2444 Boston	FR lightning switches.	123-0-6
490300	4-29	2458 Wash	FR receivers/	123-0-6

Number.	Date.	From or To—	Subject.	
484215	3-31	Wash	Bath short wave wave-meter	347-Q-6
483326	3/30	Boston	Bar Harbor typewriters	722
483206	3/30	NY	Virgin Islands radio motor generator	863
484351	3/30	Washington	Phila vacuum tubes	898
484262	3/31	Washington	M. Island radio carbons	813
484754	4/1	1685 Boston	Wash radio appr.	893-1
484753	4/1	1684 Washington	Boston wave meter	893-4
424942	4-2	2020 Norf	Ny apparatus.	422-6
424942	4-2	2019 Phila	Ny apparatus	422-6
484758	4-2	2017 Wash	Phila storage batteries.	290-6
478781	4-3	2034 Brook	Phila quenched spark gap	169-6
484759	4/2	2018 Fleet Base	MURCY vacuum tube stg. batteries	479-771
484768	4/3	2035 Washington	Key West wave meter	817
484764	4/3	2033 N.Y.	St Petersburg copper wire	1033
484769	4/3	2036 Washington	Wilmington radio rec. amplifier	1036
482433	4/5	2050 Phila	Washington radio comp and radiotel	772
484770	4/5	2048 Washington	Great Lakes wave meter	893-4
485498	4-6	2069 N.Y.	Great Lakes radio appr. wire	1000
485701	4-7	2083 Philadelphia	TRACY radio phones and diaphragms	787-1
485502	4-7	2082 Schenectady	Washington radio equipment	898
486088	4-8	2100 Alro Factory	Pearl Harbor radio ammeters and milliamm	736-56
484420	4-8	2104 Washn	Ogden Utah radio appr.	876
486093	4-8	2107 Wash	Puget Sd radio wave meter	893-4
486093	4-8	2106 NY	Key West radio appr. wire	906

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Number.	Date.	From or To—	Subject.	
486088	4-8	2098 Washington	Bur Standards radio appr.	916
486099	4-9	2114 Wash	CO radiation ammeters etc	522-5
485101	4-9	2113 Norf	CALDEN transmitting set	20-X-6
484467	4-9	2125 Washington	College Park helmet phone sets.	585
459258	4-9	2141 Phila	N.Y. battery charging panels	882-1
486094	4-9	2109 Washn	Ports wave meter	893-4
486095	4-9	2110 Wash	N.O. wave meter	893-4
481797	4-9	2123 Wash	Phila vacuum tubes	898
486100	4-9	2115 Wash	Phila radio receivers	919
318197	4-10	2140 H.Rds	Washn radio receivers	918
486504	4/10	2137 N.Y.	College Park radio insulators	918
486506	4-10	2142 Airc Pac	Anacostia antenna wire	736-43
486507	4-10	2145 Schenec	Washn gen vacu tube gen trans	918
482441	4-14	2189 Ny	Pug Sd cable	488-6
486477	4-14	2190 Wash	CO vacuum tube detectors.	407-6
486477	4-14	2197 Phila	CO ammeters.	407-6
471907	4-14	2187 Boston	Bath switches.	347-Q-6
486306	4-14	2188 Washington	Phila vacuum tubes	898
318197	4-14	2239 Hampton Rds	Airc Phila trans sets and receivers	918
486258	4-15	2205 Phila	San Frisco Fontana W.H. radio appr.	727-1
486258	4-15	2208 Fleet Base	San Frisco Fontana W.H. radio tool kit	727-1
487167	4-15	2205 Phila	Mare Island vacuum tubes	898

Number.	Date.	From or To—	Subject.	
481985	3-17	Washington	Phila transmitting sets	771-2
481986	3/17	Washington	Norfolk "	771-2
481498	3/17	Phila	Annapolis radio appr.	787-9
513207	3/17	Phila	CO OHIO radio appr.	876
481567	3/18	Fleet Base	Coasters Is Newport radio transformer	822
296044	3-18	Wash	Elec Bt Co amplifiers, vacuum tubes	586-6
481988	3-18	Boston	Ports vacuum tube detectors.	2-2-6
481504	3/17	Washington	Anacostia amplifier	736-43
434395	3/19	Mare Island	N.N. radio appr. for MD.	898
481998	3/19	Washm	Cavite for Vladivostok radio appr.	920-13
482001	3/19	Washm	Tampa wave meter	1033
481996	3-19	Pug Sd	Ny radio motor buzzer set.	573-6
482387	3/20	see S.R.Norfolk	Chasn (YAMA CRAW) con n rod	704
481645	3/19	Washington	Pensacola radio appr.	736-38
482426	3/19	Anacostia	Rockaway Beach radio	736-39
482427	3/19	Washington	Anacostia radio appr.	736-43
480172	3/20	Washington	Chasn amendment of shipt 3/17	761
482429	3/20	Portsmouth	Great Lakes radio appr.	771-2
481997	3/19	M Island	ARCOSTOOK radio	24- 771
482438	3/20	Mare Island	Puget Sd stor battery	919-34
482432	3-20	Phila	Annapolis insulators	323-6
482435	3/22	Washington	Anacostia radio appr.	736-43
482440	3/22	Washington	Puget Sd radio appr.	845
481995	3/18	Washington	Phila radio appr.	898

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Number.	Date	From or To	Subject.	
482441	3-22	Ny	Pug Sd 7000 ft wire	488-6
482444	3-24	Washington	Phila relay incomplete	898
481566	3-23	CO	Boston spare parts listed	588-6
483110	3-24	Wash	CO wave meters	364-6
483112	3-24	Wash	CO wave meters.	130-6
482842	3-24	Wash	Ports apparatus listed	2-2-6
481521	3-23	Squantum	Boston apparatus listed.	251-Q-6
483115	3/24	Key West	Airc Mac Ph radio appr.	918
482418	3-23	CO	Phila radio apparatus	599-6
483839	3/26	Airc Ph	Coco Solo radio trans sets	736-61
483843	3/26	Washn	M.I. radio	898
482436	3/22	Anacostia	Schen radio	918
483840	3-26	Wash	Phila transmitting sets.	224-6
483841	3-26	M. Island	ARCOSTOOK radio appr.	24-771
483847	3-27	Boston	GE radio appr	898
483849	3-27	Phila	Bur Stds radio	916
483850	3-27	Boston	Bur Stds radio	916
483852	3-27	Norfolk	Bur Stand rds radio	916
483856	3-29	NY	Bur Stds insulators	916

Number.	Date.	From or To—	Subject.	
479458	3/6	Washington	R. Pitts radio apparatus	898
479457	3/6	Anacostia	Aira Factory " "	918
479462	3/6	Fleet Sup Base	Laf Sta " "	920
480046	3/6	Washington	" " "	920
480057	3/8	Bur Standards	San Juan radio	835
480054	3/8	Washington	Schenectady radio appr.	898
480056	3/8	Boston	Schenetady "	898
480048	3-8	Boston	Porta antenna coils.	109-0-6
480321	3/9	Washington	radio appr. Ports	66-X-6
480323	3/9	Fleet Base	Ports	66-X-6
480197	3/9	Washn	Ghatham radio	736-33
422974	3/9	Annapolis	Fleet Base radio appr.	820
480318	3/9	Washn	Annapolis "	820
480058	3/8	Wash	Bur "	876
480316	3/9	Boston	Key West "	898
480335	3/10	Boston	Portsmouth radio trans sets	771-2
480317	3/10	Washn	Mare Island standard wavemeter	893-4
480317	3/10	Mare Island	Washn "	893-4
480328	3/10	Annapolis	Puget Sound radio insulators	1016
480320	3-9	Boston	Ports transmitting set	66-X-6
480740	3/11	Washn	Mare Island radio appr.	842
480942	3/11	Washn	Schenectady radio	898
480753	3-12	Wash	CO vacuum tube storage batteries.	342-6

RADIO SHIPMENT REQUESTS:

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Number.	Date.	From or To—	Subject.	
480744	3-11	Wash	SE head telephones	902
480751	3-12	Wash	Phila amplifier	918
480752	3-12	Wash	Anacostia batteries.	736-43
480738	3/13	Washington	Fleet Base vacuum tube detectors	771-2
480738	3/13	"	Phila "	771-2
480738	3/13	"	Mar Island "	771-2
480738	3/13	"	Mar folk "	771-2
480738	3/13	"	New Orleans "	771-2
480749	3/12	Air Factory	San Diego radio appr.	24-771
481196	3-13	Phila	Norfolk protective relay	191-Q-6
481197	3-13	Wash	Norfolk Receiving set	191-Q-6
481206	3/15	Boston	Anacostia radio test sets.	736-43
480738	3/15	Washington	Puget Ed vacuum tube detectors	771-2
480738	3/13	Washington	Boston "	771-2
480192	3/15	New London	Annapolis elec motor	797
478225	3/15	Boston	Phila radio trans sets	898
481202	3/15	Boston	Savannah radio Stahl com rectifier	1028
481497	3-17	Brook	Cavite transmitting sets and insu	229-5
481503	3-17	Brook	CO lators. radio compass	510-6
480172	3/17	Boston	Charleston radio mica trans conden	761
480172	3/17	Wash	Charleston radio appr.	761
481509	3/17	Boston	Mar folk trans sets	771-2
481511	3/17	Mar Island	Phila "	771-2

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Number.	Date.	From or To--	Subject.	
474030	2/24	Wash	CO Amendment shipt ord 2/7	323-6
477329	2/24	"	N.Y. radio trans set	573-6
477086	2/21	(canc 2/25) Washington	Great Lakes radio appr.	898
477594	2/24	Airc Fcty	Pensacola radio appr.	736-38
474502	2/25	Wash	Phila canc order of 2/7	898
477587	2/24	Airc Fcty	Anacostia radio appr.	918
477604	2/25	Pensacola	Airc Ph radio	918
477947	2/26	Schenec	Airc Ph radio app	918
469440	2/26	Boston	Quincy canc ship order 1/31	919
478223	2/27	N.Y.	M.I. radio appr.	878
477950	2/27	Fleet Base	Boston radio appr	898
477953	2/27	"	Phila "	898
477954	2/27	"	Wash "	898
477955	2/27	"	Norfolk "	898
477958	2/27	"	Chasn "	898
477959	2/27	"	M. Island "	898
478220	2/27	"	Puget Sd "	898
478222	2/27	Brook	Puget Sound radio appr	488-6
478236	2/28	Fleet Base	Washington radio appr.	898
447726	2-28	Wash	Ports antenna coils.	109-0-6
474700	3/1	Washington	SHAWMUT radio appr.	699-771
476704	3/1		amenmend shipt order 2/19	882-1
478238	3/1	M.I.	P.H. radio	898

Number.	Date.	From or To--	Subject.	
451891	3-1	Boston	Union loop antenna wire	123-0-6
478688	3/2	Fleet Base	Key West radio appr.	817
462473	3/2		amendment shipt order 12/11/19	918
478698	3/3	Norfolk	Expr Sta radio appr.	797
478697	3/3	Mare Island	Cavite radio trans sets	806
413576	3/3		cancellation shipt order of Nov 15th 1919.	898
479248	3/3	Phila	Bloomfield radio appr.	898
479249	3/3	Phila	Pitts "	898
479251	3/3	Phila	NY "	898
478679	3/1	Anacostia	Phila Airc Fac "	918
478695	3/3	Washington	Siasconsett "	1031
478690	3-3	Pug Sd	CO amplifier.	25-X-6
466585	3-2	Wash	Cavite detector.	495
"	3-2	Norf	Cavite trans former	495
"	3-2	Wash	Cavite detector	495
478696	3/4	Boston	Washington radio apparatus	882-1
479252	3/4	Washington	Phila "	898
479254	3-4	Phila	NY transmitting set.	573-6
479253	3-4	Wash	Norf receivers.	342-Q-6
479255	3-4	Phila	Annapolis telephone-storage battery	323-5
478691	3/3	Airc Fac	Washington radio appr. for PO Dept	898
479454	3/5	Phila	Bethany Beach radio appr.	919-4
477746	3/5	Washington	Bar Harbor radio appr.	920-2

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Number.	Date.	From or To—	Subject.	
475727	2-13	Boston	Bath switches	345-Q-6
475163	2/12	Airc Phila	Cape May radio trans sets	736-32
475396	2/12	Airc Ph	Pensacola radio	736-38
473035	2/13	Wash	Guantanamo amend ship't ord 2/2	814
475011	2/13	Phila	NY radio appr.	898
475012	2/13	MI	Puget Sd radio appr.	898
475409	2/13	Phila	E Pitts "	898
463845	2/12	Airc Ph	Anacostia cane of items SO 12/19	918
475157	2/12	Hampton Rds	Airc Phila radio trans sets	918
475158	2/12	Pensacola	Airc Ph "	918
475159	2/12	Anacostia	Airc Ph "	918
475162	2/12	Airc Ph	Rockaway Beach "	918
475714	2-16	Brook	Phila compensator	148-Q-6
475412	2/17	Haiti	Coco Solo radio appr for Puerto Obi.	793-8
475409	2/17	Washington	Pearl Harbor radio appr.	852
475724	2/17	Wash	College Park radio appr for PO Dept	898
476038	2/17	Phila	Washington radio appr.	898
475715	2-17	Norfolk	CO transformer	559-6
465486	2/18	Newport	Boston radio appr.	589-10
473864	2/18	Washington	Panama Canal radio appr.	727-1
473864	2/18	Boston	Panama Canal "	727-1
476418	2-18	Norfolk	Porta compensator	110-O-6
476415	2-18	Norfolk	Coco Solo compensator	586-6
476416	2-18	Norfolk	PR compensator	595-6

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Number.	Date.	From or To—	Subject.	
476420	2-18	Norfolk	Key West compensator.	421-6
476532	2-19	Wash	CO wave meter.	222-5
476713	2/19	Fleet Base	Coco Solo radio appr	898
476710	2/19	Norfolk	Coco Solo radio appr.	904
457913	2/20	Boston	Porta radio compass equipment	704
477076	2/20	Washington	Hampton Rds radio avia appr.	736-34
476706	2/29	Washington	Rockaway Beach radio appr.	736-39
477078	2/20	Air Phila	Anacostia radio appr.	736-43
476704	2/19	Washington	Air Phila storage batteries	882-1
477068	2/20	Anacostia	Western Elec Ny radio vac tubes	918
477071	2-20	So. Brook	CO transmitting set.	522-6
477070	2-20	Norfolk	BUSHNELL compensator	109-0-6
477323	2-21	Wash	CO insulator	130-6
477322	2-21	Wash	CUYAMA insulator	508-6
477324	2/21	Fleet Base	Great Lakes radio appr.	898
477067	2/21	Charleston	Great Lakes radio appr.	902
477317	2/21	Fleet Base	Great Lakes radio appr.	906
477158	2/24	Washington	Phila radio appr.	761
477590	2/24	M.I.	Norfolk trans sets	771-2
477591	2/24	M.I.	Phila "	771-2
477592	2/24	Phila	Norfolk equipments	771-2
477314	2/24	Fleet Base	Great Lakes amend shipt ord 2/21	898
477358	2/24	Mare Island	Puget Sound radio appr for ships	898

Number.	Date.	From or To	Subject.	
473028	2 / 2	Airo Phila	Wash radio apparatus	918
468765	2/2	Sayville	Annapolis transfer loading indus	920-8
465505	2/3	Wash	Pensacola Radio telegraph	206-Q-6
473517	2/4	Boston	Beaufort amendment of shipt ord 2/3/20	800
471524	2/4	Wash	Palo Alto canc shipt ord 1-26	818
471523	2/4	Wash	Darins canc shipt order of 1-26	851
454913	2/4	Wash	H.Rda canc ship order 11-4-19	918
473515	2/3	Wash	Arcadia radio helmets	918
473516	2/3	Airo Phila	Arcadia "	918
468765	2/4	Sayville	Annapolis radio apparatus	920-8
473518	2/4	Wash	CO radio appr.	323-6
473829	2/5	Rockaway Beach Phila Airo	Fac radio appr.	735-39
471866	2/5	Wash p	Cavite canc ship ord 1-26	806
471527	2/5	Wash	Long Is NY canc shipt order 1-26	920-8
471528	2/5	Wash	Cayey canc shipt ord 1-26	920-4??
474021	2/6	Fleet Base	Wash insulators	911
474030	2-7	Wash	CO radio material listed.	323-6
421143	2/7	Anacostia	H.Rds canc shipt order 5/27/19	735-24
473019	2/7	Wash	Pensa radio appr/	735-38
473023	2/7	Wash	San Diego amendment of shipt order 1/31	736-40

RADIO SHIPMENT REQST

Number.	Date.	From or To—	Subject.	
474031	2/7	Washington	Dept. radio & appr.	898
474502	2/7	Washington	Phila "	898
475019	2/7	Washington	Pensacola radio appr.	736-38
473909	2/9	Boston	Wash radio appr.	882-1
434724	2/9	Norfolk	Wash radio appr	898
434726	2/9	Phila	Wash Radio appr.	898
474507	2/9	MI	Ft Gibbon Alaska radio appr for SC	898
474579	2-9	Bath	Boston radio compass house	345-Q-6
474513	2/10	Washington	Balboa batteries	882-1
474514	2/10	Phila	Bloomfield vacuum tubes	898
474517	2/10	Wash	St Louis radio appr.	918
474516	2/10	MI	Puget Sound radio & pr/	919-89
474515	2-10	Wash	Ny Radio apparatus.	573-6
474001	2/11	Anacostia	Bu Std Wash airc radio trans set	918
475150	2-11	Wash	Ny Model "G" receiver.	573-6
475149	2-11	Boston	Bath radio amplifier	346-Q-6
475404	2/12	Phila	Deforest NY vac tubes	898
475153	2/11	Anacostia	Arcadia blinker sets	918
475154	2/11	Rockaway Beach	Phila Airc Pac radio appr.	918
475156	2/11	Cape May	Phila Airc Pac radio appr	918
475111	2-12	Norff	M Is spare part box Simon transmitter	92-U-6
468760	2-11	So.Brook	Inspr Lake transmitting sets.	119-O-6
475401	2-12	So.Brook	M Is transmitter	142-6

Number.	Date.	From or To—	Subject.	
448099	1/28	Phila	Pearl Harbor radio apparatus	615-21
472215	1/28	Washington	Coco Solo radio appr	736-41
472218	1/28	Phila	Coco Solo radio appr	736-41
467943	1/27	Phila	Hockaway Beach radio appr	747-40
472213	1/27	Washington	ARCOSTOOK radio appr	24-771
453351	1/27	H.Rds	SHAWMUT radio helmets	918
472219	1/28	Anacostia	Airc Ph radio appr	918
472079	1/28	Annapolis	Wash hydrogen cyl and Burd manfld	920-1
472079	1/28	Washington	Annapolis ditte	920-1
472340	1-28	Phila	Ny insulators.	573-6
472214	1-28	Wash	CO loading coils, resistances etc	323-6
469440	1/29	Norfolk	Quincy amendment of ship order 1-16	919
472356	1/29	Washington	Jupiter Inlet radio apr.	919-35
472357	1/29	Phila	Jupiter In radio appr.	919-35
472784	1/29	Fleet Base	Annapolis boiler tubes	920-1
472355	1-29	Wash	CO apparatus listed.	323-6
472573	1-29	Wash	CO wave meter	279-Q-6
448099	1/29	Boston	Pearl Harbor radio appr.	615-21
421489	1/30	Wash	Quantico amendment ship order 6/30/19	761
421489	1/30	Airc Ph	Quantico radio helmets	761
833733	1/30	Washington	G.L. amend ship order 7/ 6/17	875
472770	1/30	Washington	European Forces radio appr/	898
469440	1/29	Fleet Base	Quincy radio comp systems	919

RADIO SHIPMENT

Number.	Date.	From or To—	Subject.	
472767	1/30	Wash	Lake Tor Bt Co radio appr.	103-0-6
472772	1/30	Wash	Boston tuning condenser	455-6
472768	1/30	Wash	NY coupling coil	529-5
472496	1/31	M.I.	P.H. radio appr.	678
473023	1/31	Wash	San Diego radio appr.	736-40
472775	1/31	Airc Phila	Anacostia radio appr.	736-43
251803	1/31	Wash	San Diego amendment shipt ord 10/15/17	918
473024	1/31	Airc Phila	Harastrom radio appr.	918
473025	1/31	Wash	Catastrom "	918
469440	1/31	Boston	Quincy radio appr	919
473017	1/31	Wash	Bridgeport radio appr	105-0-6
472343	1/29	Wash	CO radio apparatus	323-6
473016	1/31	Phila	CO "	323-6
473036	2/2	Wash	Guantanamo radio appr.	814
470851	2/2	Wash	Astoria amendment	872
473032	2/2	Wash	Bur Standards radio aud meters	893-5
473029	2/2	Wash	Bur Stds trans set	898
473504	2/2	Wash	Pensacola radio compass	919-39
473020	2/2	Airc Ph	San Diego radio appr.	736-40
472476	2/2	Fleet Base	Coco Solo radio appr	736-41
472476	2/2	Wash	Coco Solo radio appr.	736-41
473517	2/3	Boston	Beaufort radio	800
473034	2/3	Wash	Balte radio	874

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Number.	Date.	From or To—	Subject.	
471282	1-24	Wash	Pearl Harbor selector switch	1035
471276	1-24	Wash	Ny amplifiers.	898
471510	1-24	Wash	Bu SE rotary tone condenser	882-1
471281	1-24	Wash	Guam selector switch	813
469446	1-24	H Is	Pug 3d arc transmitter.	771-2
470997	1-24	Wash	Panama Canal radio apparatus	727-1
471283	1-24	Wash	Cayey selector switch	920-4
471264	1-24	Wash	Pearl Harbor spark gap plates.	852
468767	1-24	Phila	Wash vacuum tubes.	840
470862	1-24	Wash	Chasn amplifier	807
471279	1-24	Wash	Cavite selector switches	806
470458	1-24	Ports.N.H.	CO receiver	336-6
471269	1-24	Wash	Phila misc material	323-6
471506	1-24	Ny	Phila condenser complete	3-T-12
461672	1-26	Chasn	Boston boilers.	80-X-10
471736	1-26	Norfolk	Pearl Harbor pistons, cylinder heads.	1-Z-9
448099	1-26	Puget 3d	P.H. radio appr. W	615-21
471516	1-26	M.I.	San Diego radio appr.	736-40
469447	1-26	M.I.	Norfolk amend of Shipt order 1-17	771-2
469448	1-26	Wash	Norfolk " " 1-17	771-2
471866	1-26	Washington	Cavite radio apparatus	806
471524	1-26	Washington	Palo Alto radio appr	813
471520	1-26	"	M.Island radio appr.	818
471519	1-26	"	San Diego radio appr.	830

RADIO SHIPMENT REQUEST

Number.	Date.	From or To.	Subject.	
471526	1-26	Washington	San Diego	radio hs key panel. 830
471518	1-26	"	Mare Island	selector switch 842
471523	1-26	"	Darien	radio hs key panel 851
471529	1-26	"	Pearl Harbor	radio high speed key panel 852
470465	1-26	Anacostia	Phila Airc	canc of shipt order 1-22 918
471513	1-26	Washington	Phila	radio direc finder 918
471528	1-26	Washington	Cayey	radio hs key panel 920-4
471527	1-26	"	Sayville	radio hs key panel 920-8
471266	1-24	"	Wladivostok	radio appr. 920-13
471517	1-26	"	Hampton Bld	selector switch 1036
471879	1/27	Washington	Cavite	radio appr 806
471883	1/27	"	Palo Alto	radio appr 813
472211	1/27	"	MI	radio & ppr 818
471862	1/27	"	San Diego	radio appr 830
472212	1/27	"	Palo Alto	radio appr for Dairen 851
471881	1/27	"	P. Harbor	radio send keys 852
468395	1/27	"	Virgin Islands	radio stor batteries 853
472210	1/27	"	Cayey	radio send keys 920-4
471884	1/27	"	Sayville	radio appr. 920-8
471868	1/27	"	NY City	radio appr 1041
471876	1/27	"	Jacksonville	radio appr 1014
471877	1/27	"	"	" 1014
471873	1/27	"	Savannah	radio app 1028
471875	1/27	"	"	" 1028

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Number.	Date.	From or To—	Subject.	
469440	1-16	Norfolk	NR radio compasses.	919
469438	1-16	Chas. n	Pensacola radio compass system.	736-38
383189	1-17	Norfolk	M Is transmitting sets.	771-2
469447	1-17	M IS p	Norfolk transmitting sets	771-2
469448	1-17	Wash	Norfolk power equipments and receivers.	771-2
468306	1-19	Wash	Boston condensers.	882-1
469996	1-19	Wash	Phila transmitting set	828
470003	1-20	Wash	CO receivers.	323-6
470005	1-20	Wash	Cavite	806
470011	1-20	Wash	M Is radio keys	818
470445	1-20	Wash	M Is radio keys	818
470007	1-20	Wash	San Diego radio keys	830
470006	1-20	Wash	Pearl Harbor radio keys.	852.
470000	1-20	Brook	Newark transmitting sets	898
470001	1-20	Phila	Wash transmitting sets	898
470013	1-20	Wash	Fed. radio keys	898
469999	1-19	Anacostia	Chicago radio helmets	918
470008	1-20	Wash	Sayville radio keys.	920-8
468768	1-20	Wash	Phila receivers.	1043
470459	1-21	Boston	Squantum receivers etc.	264-Q-6
470460	1-21	Wash	" receivers etc.	264-Q-6
470457	1-21	Wash	CO wave meter	364-6
469453	1-17	Wash	CO condensers	699-771
470451	1-21	Wash	SE receivers etc.	898

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Number.	Date.	From or To--	Subject.	
470455	1-21	Wash	M Is receivers etc.	898
468989	1-21	Phila	San Diego Aldis Sig Searchlight	918
470453	1-21	Phila	M Is radio compass coils	919
446815	1-10	Wash	Ny antenna condenser	771-2
470837	1-22	S. Brook	Boston transmitting sets.	771
469450	1-22	Wash	So. Brook radio power equipment	771-2
469449	1-22	M Is	So. Brook radio transmitting sets.	771-2
470840	1-22	Brook	Pug Sd apparatus listed.	845
470842	1-22	Boston	Pug Sd apparatus listed.	845
470844	1-22	Wash	Pug Sd batteries.	845
470845	1-22	Phila	Pug Sd generator units.	845
470465	1-22	Anacostia	Phila direction finder	918
469535	1-22	Washington	Phila radio apparatus	689-15
469535p	1-22	Washington	Phila radio apparatus	689-15
459088	1-23	Phila	NMs insulators.	1654-K-6
470932	1-23	M Is	CO amplifier	391-6
471239	1-23	M Is	Pug Sd storage batteries.	488-6
470847	1-23	Wash	Annapolis radio wave meters.	820
470850	1-23	Wash	Astoria receiver	872
470851	1-23	Wash	Astoria amplifier	872
471265	1-23	Wash	Pug Sd receivers, amplifiers	898
470846	1-23	Wash	Newark N.J. receiver	898
468768	1-23	Wash	Phila receiver	1043

RADIO SHIPMENT REQUESTS:

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Number.	Date.	From or To--	Subject.	
465501	12-31	Norfolk	CO radio material listed.	467-6
466571	1-3	Wash	CO amplifier	342-6
381473	1-6	Wash	Smithsonian receiving set	918
381473	1-5	Phila	" antenna	918
466587	1-5	Wash	Phila receivers.	828
466583	1-5	Phila	Pensacola transmitting set	699-771
466583	1-5	Wash	Pensacola condensers.	699-771
446815	1-5	Wash	Pug Sd vacuum tube charging panel	771-2
466820	1-5	Wash	Norfolk radiation ammeter panel	522-6
466426	1-5	Ford	F.S.B. radio apparatus.	2-Z-6
466828	1-6	F.S.B.	Newark N.J. insulator	911
466829	1-6	F.S.B.	College Park Md. insulator.	911
466824	1-6	Wash	Ord. Dept radio head phones.	898
465789	1-6	Ny	Anacostia radio apparatus.	918
466835	1-6	Wash	Dept radio batteries.	882-1
466827	1-6	Wash	Haiti radio phone cords.	865
466834	1-6	M Is	Cavite radio batteries.	806
464411	1-6	Gloucester	Phila magnavox sets.	736-4
466625	1-6	Wash	Ft. Monroe receiver.	727-1
466585	1-6	Wash	Cavite radio apparatus listed.	495
453862	1-6	Wash	Ny booth	130-6
466725	1-6	Wash	Bellefonte, Pa radio apparatus	685
467352	1-7	Ny	Wash storage batteries.	882-1

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Number.	Date.	From or To—	Subject.	
467289	1-7	Wash	El Cayey receiver, detector etc.	920-4
463700	1-7	F.S.B.	CO panels, detector, amplifiers etc	556-6
466417	1-6	Wash	CO receiver	164-6
466626	1-8	Wash	Signal Corps receivers:	727-1
467294	1-8	F.S.B.	Radio Va. quenched spark gap.	841
466838	1-7	Wash	Phila vacuum tubes.	828
467306	1-8	Wash	CO amplifier, vacuum tubes	130-6
464551	1-8	Cape May	Phila A.C.F. spare for transmitting set	736-32
467305	1-8	Phila	Pensacola buzzer blinker sets.	736-38
467272	1-10	Wash	Agr. Dept amplifiers-phones etc.	896
467805	1-10	Wash	Mobile receiver.	1024
467811	1-10	Wash	Bu SE storage batteries.	882-1
468293	1-12	Chatham	Phila transmitting sets	918
468294	1-12	Rockaway	Phila "	"
468297	1-12	Cape May	" "	"
468298	1-12	Hampt Rds	" "	"
468299	1-12	Pensacola	" "	"
468300	1-12	Key West	" "	"
468303	1-12	Anacostia	" "	"
468311	1-13	Wash	Lake receivers, amplifiers	119-0-6
468127	1-13	Norfolk	New Orleans transformer	189-6
466832	1-13	Phila	A.C. Pac. Phila vacuum tubes.	828
468307	1-13	Wash	Rockaway condenser and radio battery	736-39

RADIO SHIPMENT REQUESTS:

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Number.	Date.	From or To—	Subject.	
461075	12-19	Phila	Hampton Rds. phones, batteries.	736-17
461075	12-19	Ny	Hampton Rds. batteries phones.	736-17
463162	12-18	Phila	Wash dynamotors	918
463163	12-18	Phila	Medford, Mass. transmitter.	918
463862	12-20	Ny	Boston electrose insulators.	455-6
464411	12-20	Gloucester	Phila A.C.F. magnavox sets	736-4
464376	12-20	Wash	Pt. Isabel 2 25 K.W. generating sets.	863
463726	12-22	Boston	Phila antenna transfer switches	332-6
463726	12-22	Norfolk	Phila generators, transformers etc	332-6
464311	12-22	S. Brook	Pug Sd cable	488-6
463726	12-23	Phila	CO Miscellaneous apparatus	332-6
463726	12-23	Wash	CO " "	332-6
463726	12-23	S. Brook	CO radio phone spare part box.	332-6
464316	12-23	Phila	Norfolk cable	522-6
464322	12-23	Wash	Ny buzzer coupling coil.	529-6
465062	12-24	Phila	Norfolk cable.	522-6
465061	12-24	Wash	Boston antenna tuning condenser	455-6
464318	12-23	Wash	Rockaway amplifier, vacuum tubes	736-39
464319	12-23	Phila	Rockaway apparatus listed.	736-39
465065	12-26	M Ia	Pug Sd transmitting sets.	771-2
465066	12-26	Wash	CO amplifiers, loading coils etc.	384-6
465064	12-26	Boston	Colon radio relay keys.	808
465068	12-27	Anacostia	Wash radio dynamotor.	882-3
448029	12/29	CO	Quincy radio apparatus	107-0-6

RADIO SHIPMENT REQUESTS:

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Number.	Date.	From or To—	Subject.	
465280	12-29	Norfolk	Grt Lbs generator set	771-2
465923	12-30	Gloucester	Phila magnavox set	493
466072	12-31	Boston	CO storage battery	275-Q-6
465791	12-30	Phila	CO radio compass	168-6
459623	12-30	M Is	CO amplifiers.	119-Q-6
459258	12-30	G L Dist	GRT Lbs train School buzzer instr set	876
465077	12-29	F.S.B.	Detroit transmitting set	1006
463846	12-27	Phila	Post Office Wash transmit set, mag set	918
464324	12-26	Phila	Wash radio storage batteries.	862-1
465078	12-29	San Diego	Pearl Harbor transmitting sets	736-56
465074	12-27	Wash	Pearl Harbor amplifiers.	1035
465074	12-27	Wash	Peking transmitting sets	857
465072	12-27	Wash	Coco Solo amplifiers.	736-41
464730	12-27	F.S.B.	Mail Field Newark N.J. transmit set	685
454896	12-31	Phila	Hampton Rds transmitters, vacuum tubes	918
455361	1-2	Phila	Hampton Rds insulators, antenna reels.	918
315207	12-31	Wash	M Is amplifiers.	876
465795	1-2	Wash	Phila radio power equipments	771
465797	1-2	M Is	Phila transmitting sets	771
465793	12-31	Phila	Norfolk cable	522-6
466569	1-3	Wash	Bar Harbor receivers.	920-2
462944	1-3	Hampt Rds	Phila radio apparatus listed	736-34
461037	1-3	Wash	Phila radio batteries	898

Number	Date	From or To	Subject	
421489	12/9	Washington	Paris Is. Amend Shipt order 6-30	761
421489	12/9	"	Quantico " " " 6-30	761
461834	12/9	Washington	Charleston radio rec amplifier	807
462126	12/9	Radio Va	Annapolis induction motor	841
461835	12/9	Washington	Schenectady radio booth relay	898
462124	12/9	Washington	Navy Dept radio booth	898
462129	12/9	Phila	Bellefonte Pa. electrose radio insulator	911
434988	12/9	Washington	Otter Cliffs Amend shipt order 7-28	920-2
431992	12/10	Airo Ph	Cristobal Radio appr.	727-1
432000	12/10	Phila	Hawaii radio appr.	727-1
462150	12/10	Charleston	Phila cabl. see shipt reqst	731
421489	12/10	Airo Ph	Paris Island radio matrl.	761
421489	12/10	Phila	Quantico radio matrl.	761
462139	12/10	Wash	N.Y. radio matrl.	823
462138	12/10	Wash	Norfolk radio matrl.	824
462136	12/10	Wash	Phila radio matrl.	828
462157	12/10	Washington	Boston radio matrl.	845
462130	12/11	Wash	Pensacola Radio apparatus	699-771
462473	12-11	Annapolis	M Is Radio arc set	818
462466	1-11	Washington	Haiti Radio batteries	865
462467	1-11	Phila	Haiti insulators	865
462089	12-12	Ford	So Brooklyn Radio material	2-Z-6
462471	1-11	So Brooklyn	NH transmitting set	194-Q-6
462470	12-11	Norfolk	NH transmitting set	193-Q-6

RADIO SHIPMENT REQUESTS: 1919

Number.	Date.	From or To—	Subject.	
462468	12-11	NY	Annapolis duplex lead covered cable.	920-1
462469	12-11	Wash	Porta vacuum tube detectors.	704
462480	12-12	Chi	Hempt Bds radio helmets.	824
462735	12-13	Wash	Phila amplifiers.	828
462732	12-12	Anacostia	Wash dynamotor, starting switch	840
462733	12-12	Anacostia	Wash storage batteries	840
462726	12-13	Wash	Boston amplifiers.	843
462479	12-12	Wash	Ad. Benson receivers-detectors etc.	898
462060	12-12	Carlstrom	Phila Air Fact. all radio material	918
462734	12-12	Phila. A.F.	Anacostia storage battery	736-43
462730	12-12	Wash	Pensacola radio batteries.	736-38
462729	12-12	Phila A.F.	Pensacola radio batteries.	736-38
463145	12-15	Wash	Pug Sd. arc loading coil, radio	488-6
461864	12-15	Wash	CO long wave wave meter	408-6
463145	12-15	Boston	Phila sub loop antenna wire	907
462745	12-15	Wash	Phila amplifiers.	828
431327	12-15	Brook	Boston receivers.	771-2
463144	12-15	Norfolk	Chaan receivers.	771-2
382189	12-15	New OrL	Phila receivers.	771-2
461834	12-9	Wash	Chaan apparatus listed.	807
443427	12-16	Hartford	Norfolk interrupters.	511-2

Number.	Date.	From or To—	Subject.	
460574	12/2	Wash	Guam radio apparatus	813
460573	12/2	Wash	Mare Island radio appr.	818
460576	12/2	Wash	Darien C.Z. radio appr.	851
460113	12/1	Coco Solo Phila	SC tube assigned to Sub O-16	876
460569	12/1	CO DELA	N.Y. portable radio field set	896
460575	12/2	Wash	Porto Rico radio appr.	920-4
459567	11-28 9	Wash	Norfolk apparatus listed. v	342-Q-6
"	"	Boston	Norfolk transmitting sets.	"
"	"	Boston	Norfolk emergency transmitting sets.	"
460112	12-1	Wash	Pug 84 radio arc relay key.	486-6
460581	12-2	Airc Fccty	Pensacola radio transmitting sets	736-38
460792	12/3	MI	Presidio of San Frisco radio rec	727-1
461035	12/3	Fleet Base	Jupiter radio blower	816
460582	12/3	Washington	M.I. radio batteries	818
460586	12/3	Washington	Norfolk batteries	824
460585	12/3	Washington	Phila batteries	828
460583	12/3	Washington	Puget Sound radio batteries	833
460584	12/3	Washington	Boston radio batteries	843
461032	12/3	Washington	Hampton Roads radio batteries	882-1
461234	12/5	Mare Island	Seattle Wash (BURNSIDE) radio appr.	727-1
461234	12/5	"	Ft Egbert Alaska radio appr.	727-1
461234	12/5	"	Craig Alaska radio appr.	727-1
461234	12/5	"	Nome Alas radio appr.	727-1

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Number.	Date.	From or To	Subject.	
461234	12/5	Mare Isl	Iditarod Alaska radio appr for S.C.	727-1
461234	12/5	"	McGrath Alas "	727-1
461234	12/5	"	Fairbanks Alaska "	727-1
461234	12/5	"	Circle City Alaska "	727-1
461234	12/5	"	St Michael Alaska "	727-1
461234	12/5	"	Holy Cross Alaska "	727-1
461234	12/5	"	Ft Yukon Alaska "	727-1
461234	12/5	"	Bulato Alaska "	727-1
461038	12/4	Cavite	Cayey radio apparatus	920-4
461043	12-4	Boston	WNa transmitting sets.	190-Q-6
461045	12-4	Wash	WNa receivers, amplifiers etc.	191-Q-6
461046	12-4	Norf	WNa telephones. etc	191-Q-6
461047	12-4	Boston	M Is emergency transmitting sets	336-Q-6
461048	12-4	Wash	M Is receivers etc.	340-Q-6
423501	12-5	Wash	Pug Sd. radio field set	486-6
459715	12/6	Anacostia	Signal Corps Wn radio dynamoter	727-1
461496	12/6	Washington	Landg Field Bellefonte Pa radio appr	882-1
454200	12/8	Norf	San Juan canc of shipmt order 11-3	678
415764	12/8	Wash	Charleston radio receivers	898
461822	12-8	Phila	Norf insulators	522-6
461821	12-8	Wash	CO amplifiers etc.	188-6
454200	12/9	Washington	San Juan radio receiver	678
451992	12/9	Washington	Cristobal CZ amendme of ship ord 7-12	727-1
432000	12/9	Wash	Hawaii amend of shipmt order 7-14	727-1

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Number.	Date.	From or To--	Subject.	
458938	11/21	Norfolk	Mare Island	radio receivers. 771-2
445690	11/20	(See Script Req)	Middle town Gloucester	engine parts 787-8
458935	11/21		Fleet Base Point Sound	250 lampoo pieces. 875
458936	11/21	Wash	Phila	radio receivers 896
458997	11/21	Wash	Washington	15000 ft radio antenna 170 906
458985	11/20	Airc Ph	Acadia Fla.	radio trans set 918
458986	11/20	Washington	Acadia	radio rec tubes & filters 918
458977	11/21	Washington	Phila	airc radio amplifier 919-9
458987	11/20	Boston	Otter Cliffs	24 radio vac tubes 920-2
458950	11/22	Norfolk	Chas	Stahl comm rectif 807
458946	11/22	Wash	Boston	3 radio receivers 898
458944	11/22	Ph	N.O.	gas eng bat charg unit 919-17
458947	11-22	Phila	quantum	radio compass equipment. 295-Q-6
458945	11-22	Wash	Pensacola	buzzer & blinker practice sets. 736-38
448099	11/24	Fleet Base	P.H.	radio appr. 615-21
459270	11/24	Norfolk	P.H.	radio appr. 615-21
459271	11/24	Ph	P.H.	radio appr. 615-21
459273	11/24	Washington	P.H.	radio appr. 615-21
459268	11/24	Washington	Boston	radio arc relay key 898
459269	11-24	Wash	OO	amplifiers. 189-6
46236	11-24	void Gloucester	Allison	spark plugs. void 829
459362	11/25	Phila	CDAEngr. Jackson	Barrecks La radio switch 727-1
445690	11/22	H.Rds	Washington	space parts for trans emerg set gas engine drive 787-8

Number.	Date.	From or To—	Subject.	
45385	11/22	Phila Airc	Yd Phila amplifier	918
459678	11/25	Washington	Phila radio receivers amplfs	919
459330	11/25	Washington	European Forces 24 vacuum tubes	920
Helena 1	11/25	M.I.	OO Helena storage batteries	T.R.
459672	11-25	Wash	Phila medium wave receivers.	590-6
450712	11-25	Bath	Boston emergency transmitting sets.	345-Q-6
459470	11/26	Fleet Base	amplifier	704
459681	11/26	Washington	M.I. radio receivers	771-2
459688	11/26	Washington	EC T M radio receivers	771-2
459693	11/26	Brooklyn	Washington defec vac tubes	898
459690	11/26	Airc Ph	Bu Stds radio vac tubes	916
459689	11/26	Bu Stds	Phila Airc defec vac tubes	918
459676	11-25	Wash	San Diego vacuum tubes etc.	736-40
459677	11-25	Phila	San Diego insulators.	736-40
460105	11/28	Washington	Observatory 5 radio vacuum tubes	898
460100	11/28	Fleet Base	Milwaukee 2 2 kw low radio trans set.	1022
460101	11-28	Boston	Washington special loop antenna wire	107-0-6
456468	11/29	Fleet Base	Puget Sound telemeter	678
456468	11/29	Fleet Base	Boston telemeter	678
460107	11/29	Washington	Rec Sta N.Y. City airc radio ampl	898
456681	12/2	Washington	Phila radio arc trans set	771-2

Number.	Date.	From or To—	Subject.	
457463	11/13	Washington	Ft. Wayne Ind vacu tubes	898
457179	11/14	Phila	Wash radio trans set	898
56534	11/14	Wash	Postoffice Dept radio appr.	918
457815	11/15	Norrf	K W Stahl commutator rectifier	817
413576	11/15	Wash	BEAVER 6 radio stor batteries	898
441417	11/15	Airc Phila	Bu Stds 12 radio vacuum tubes	916
441417	11/15	Wash	Bu Stds Canc of Shipt order of 8/25/19	916
452222	11/15	Fleet Base	Bellefonte Amend of shipt order of 10/22	918
457817	11-15	Wash	CO miscellaneous meters listed.	323-6
457826	11-15	Phila	Norrf radio compass coils.	342-Q-6
457825	11-15	Phila	Union radio compass coils.	307-Q-6
457824	11-15	Phila	Inspyr NYS radio compass coils.	244-Q-6
457823	11-15	Phila	Cramps radio compass coils	280-Q-6
444286	11-13	Wash	Phila vacuum tube detector	1653-K-6
454721	11-13	Insp Keyport	Airc Fcty I box misc radio equipment	736-
458010	11/17	Fleet Base	Ports radio apparatus	832
457816	11/15	Anacostia	Schneec radio appr.	898
457822	11-15	Phila	NNs radio compass coils	191-Q-6
447728	11-17	Brook	Boston sound proof receiving booths.	205-6
458011	11/17	Washington	Norfolk receivers ampl tube detectors	824
4580039	11/17	Phila	Puget Sd radio apar for ships listed	833
448787	11/18	NEW YORK CO	Wash radio equipment British	876

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Number.	Date.	From or To—	Subject.	
448787	11/18	CO WYOMING	Washington British radi equipment	876
448787	11/18	CO TEXAS	" " "	876
448787	11/18	CO ARKANSAS	" " "	876
457005	11/17	Washington	Naval Communications radio vacu tubes	898
457515	11/18	Washington	Annapolis Anode tips arc carbons	920-1
458017	11-18	Boston	Phila antenna shortening condensers.	590-6
458018	11-18	Phila	M is radio quenched spark gap	554-6
455400	11-19	Wash	CO transformer coils.	515-6
458380	11-19	Brook	Phila compensator	148-3-6
458368	11/18	Phila	NY City radio appr for Internatl RT Co	898
458384	11/19	Washington	Annapolis radio appr	920-1
458381	11/19	Phila	PQ Dept Wash radio appr	911
458383	11/19	Norfolk	Charleston radio a pr for SEMINOLE	919
455625	11/19	Chicago	Wash Amend SO 11/6/19	898
458826	11/20	Phila	Arceid Fla stor batteries	882-1
457822	11/19	Wash	N.O. radio receiver	898
453225	11/19	Phila	Landing Field Bellefonte Pa silicon antenna	918
458382	11/20	South Brook	Boston radio compass equipments	919
458588	11-20	Wash p	CO vacuum tube charging panels etc.	283-6
454494	11-20	Brook	CO rheostat.	554-6
458584	11-19	Airc Fcty	Hamp Rds 1000 ft radio compass wire	736-34
458582	11-20	Wash	CO receivers-detectors etc.	364-6
458596	11-21	Phila	Fug Bd insulators	121-6

Number.	Date.	From or To—	Subject.	
456680	11/10	Fleet Base	Guantanamo radio matrl	814
456986	11/10	Boston	Key West radio mat.?	817
456679	11/10	Boston	New Orleans radio appr.	821
454997	11/10	Wash	Pearl Harbor radio appr	852
455990	11/10	Wash	Miami receiver	858
456584	11/10	Fleet Base	Mare Island switch	876
454999	11/10	New Lond	Anacostia radio trans set	898
451891	11/8	Boston	Quincy Amendment of SO of 10/16	123-0-6
451790	11/10	Wash	Coco Solo radio vac tube detect ampl	2-2-6
456672	11/10	Fleet Base	Alpena radio trans set	870
456188	11/10	Boston	Mare Island radio antenna wire	907
455989	11/10	Wash	Pearl Harbor radio appr for Wallupe	1035
446815	11/11	Wash	NY radio matrl for Tenafly	771-2
315207	11/11	Wash	CO CAMDEN radio matrl	875
457174	11/11	Airc Ph	Wash radio wave meter	893-4
456983	11/11	NY	Puget Sound searchlight appt	708
453860	11/10	Fleet Base	Bridgeport radio apparatus	106-0-6
453859	11/11	Wash	Ph Amend of Shipt order of 10/27	138-0-6

Number.	Date.	From or To—	Subject	
264944	11/10	Boston	Mare Island transmitting set	521-6
456678	11/11	Fleet Base	Buffalo Radio Sta radio trans set	1000
457177	11/12	Wash	MI 2 masts	890
457178	11/12	Fleet Base	MI radio trans set	898
457181	11/12	Fleet	Boston "	898
457182	11/12	Fleet	GL "	898
457183	11/12	Boston	MI "	898
457184	11/12	Boston	Norfolk "	898
457185	11/12	Boston	P. Harbor "	898
449360	11/12	Wash	MI Amendment of ship order 10/8	320-Q-5
454494	11/12	Norfolk	CO NEW MEXICO Canc of Ship order of 10/28	554-5
457176	11/12	Wash	MI vacuum tube detectors	1675 K-6
456462	11/13	Wash	Phila radio receivers	251-Q-6
457185	11/13	Phila	Bath radio compass coils	345-Q-6
455624	11/13	Phila	Puget Sd radio appr.	488-6
455624	11/13	Fleet	Puget Sound Canc of Ship order 11/5	486-6
457464	11/13	Wash	K West wave meter	817
457444	11/13	Wash	Amapolis wave radio transformer coils	820
457456	11/13	Fleet	Wash radio lightning switches	840
457187	11/13	Wash	Tutuila radio appr.	846
456511	11/13	Wash	Wrangel Alaska radio appr	727-1

RADIO SHIPMENT REQUESTS:

Number.	Date.	From or To--	Subject.	
454897	10/31	Washington	Phila. Radio rec sets, bat. and vacuum tubes.	918
450712	11-3	Boston	Bath radio telephones	345-Q-5
455362	11-3	Chasn	Pug Sd. receiving booths	131-6
455363	11-3	S.Brook	Pug Sd. receiving booths	131-6
454200	11/3	Norfolk	San Juan radio receiver	878
455352	11/1	Wash	H.Rds radio tel appt.	918
455607	11/4	MI	Puget Sd radio appt	771-2
452534	11/4	Wash	Cavigs radio appr	806
455614	11/4	Boston	Ports radio appr	807
455615	11/4	Boston	Quincy antenna wire	907
455610	11/4	Wash	Boston radio comp amp	919
450712	11-4	Boston	Bath emergency transmitting sets.	345-Q-6
452449	11-5	Wash	Porta amplifiers.	98-Q-6
454102	11/4	Phila	Mather Field radio telegraph material	727-1
403971	11/5	Wash	NY Cano Ship order of 3/21	898
455625	11/5	Chicago	Wash vacu tubes	898
455357	11/3	Airo Ph	H/Rds radio appr	918
455361	11/3	Ph Airo	Ph Yd radio appr for SHAWMUT	918

RADIO SHIPMENT REQUEST

N.S.E. Form 134.

Number.	Date.	From or To—	Subject.	
454999	11/6	New London	Phila Airo Pasty	radio trans set 898
456000	11/8	Boston	N.Y.	radio wire 907
456187	11/6	Boston	Phila	radio wire 907
454899	11/4	Phila Airo Pasty	H.Rds	radio trans sets 918
454900	11/4	Washington	H.Rds	radio rec sets etc 918
454901	11/4	Phila	H/Rds	radio trans etc. 918
454913	11/4	Wash	H.Rds	radio receiver etc. 918
455353	11/3	Phila Airo Pasty	H. Rds	radio trans. 918
455356	11/3	Wash	H.Rds	radio rec etc 918
455359	11/3	Airo Phila	H.Rds	radio trans etc. 918
455360	11/3	Washington	H/Rds	radio receiver 918
455358	11/3	Wash	H.Rds	radio receivers 918
454996	11/6	Wash	Phila	radio amplifier 919
455624	11-5	Brook	Pug. Sd.	radio compasses 488-5
455616	11/4	Boston	Bridgeport	antenna wire 907
454996	11-6	Wash	Hampt Rds	24 vacuum tubes. 736-34
455621	11/7	Tuckerton	Bur Stds	tone wheel 920-9
446815	11/6	N. London	NY	radio appr for Tenafly 771-2
451897	11/8	Wash	Phila	radio rec set 771-2
455317	11/8	Wash	Signal Corps	radio receivers 727-1
455317	11/8	Wash	West Lynn Mass	radio receiver 727-1
456193	11/10	Wash	GI	radio matrl 771-2
456194	11/10	Wash	Norfolk	radio matrl 771-2

[OVER]

Number.	Date.	From or To—	Subject.	
449978	10/24	Wash	OO Radio apparatus	699-771
453292	10/25	Wash	Carlestrom Field radio appt.	707-9
452363	10/24	FSE	N.Y. radi appt.	771-2
452700	10/26	Ph	N.O. ammeters	771-2
453851	10/25	Wash	P.H. radio appt.	830
453205	10/24	Ph	Pt Isabel radio appt.	855
453865	10/25	Ph	MI condenser rack switch	876
403971	10/24	FSE	Wash Cans Shipt Ord 3/21	898
444982	10/24	N.O.	MI Cans Shipt ord 9/12	898
453207	10/24	Wash	CO NO-4 vacuum tubes	918
453852	10/25	Akron	Ph Airc Fac radio appt.	918
453210	10-24	F.S.B.	CO Spark gap units.	563-6
453211	10-24	F.S.B.	CO Spark gap units.	562-6
453212	10-24	F.S.B. Br	CO Spark gap units.	554-6
449978	10/27	Phila	OO Radio apparatus	699-771
455033	10;27	Washington	Phila Battery charging panels	898
455034	10;27	Washington	Pg Sd. Battery charging panels.	898
452109	10;27	Washington	Naval Observatory vacuum tubes	898
453860	10-27	Boston	E.O. Ny submarine antenna coils.	106-0-6
453209	10-27	So. Brook	CO spark gap units.	529-6
454494	10-28	Norfolk	M Is motor field rheostat.	554-6
453862	10-27	F.S.B.	CO spark gap units.	130-6

RADIO SHIPMENT REQUESTS:

1919

Number.	Date.	From or To—	Subject.	
				259-Q-6
454493	10-28	Boston	CO radio storage batteries.	~~138-Q-6~~
453859	10-27	Wash	Phila audion battery charging panels	138-Q-6
455049	10-28	Boston	M Ia special loop antenna wire	123-Q-6
453941	10/28	GL	Birmingham radio telegraph	707-11
421153	10-29	Washington Ny	radio relay key	131-6
452070	10/29	Boston	Pitts condensers	771-2
458464	10/29	NY	Phila Airc Factly portable radio mast	897
437221	10/29	Sandy Hook	Ph Cans Ship order of 8/28	919-1
454577	10/30	Fleet Base	Constantinople radio appr/	787-1
454508	10/30	Phila	Wash wavemeter	893-4
454505	10/30	Airc Phila	H.Rgs radio appr	918
454506	10/30	Wash	H.Rgs radio appr	918
454507	10/30	Airc Ph	Phila Yd airc radio trans set	918
454509	10/30	Wash	Phila Yd airc radio rec set	9-18
455035	10-27	Airc Factly	Cape May vacuum tubes	736-32
445104	10-29	Phila	Boston radio compasses.	205-6
430653	9-30	Brook	M Ia emergency transmitting sets	174-Q-6
438655	11-1	Brook	Norf quenched spark gap units radio	582-6

RADIO SHIPMENT REQUESTS:

1919

Number.	Date.	From or To—	Subject.	
450988	10-14	M Is	CO medium wave receiver	386-6
450982	10-13	M Is	CO medium wave receivers	214-6
449661	10-10	Airc Fcty	Pensacola Transmitting sets	736-38
449662	10-10	Wash	Pensacola Receiver, vac tubes, etc	736-38
448927	10-10	USS SHAWMUT	Airc Fcty transmitters, panels, "	736-8
451449	10/15	Fleet Base	Boston radio storg batteries	882-1
450989	10/14	Wash	Fleet Base amplifiers	898
448643	10-15	Brook	Squantum phones and bat charging panels	251-Q-6
450996	10-16	Chasn	M Is sound proof booths	592-6
451888	10-16	Boston	Mare Island Loop antenna wire	545 -6
451883	10-16	Boston	Norf loop antenna wire.	514-6
451889	10-16	Boston	Chasn loop antenna wire	421-6
451891	10-16	Boston	Ports loop antenna wire.	123-0-6
451890	10-16	Boston	Ports Loop Antenna wire.	109-0-6
428990	10/16	Wash	NL canc SO of 7/1	861
450991	10/15	Washington	Indian Head radio apparatus	885
450993	10/16	Wash	SE rotory tone condenser	882-1
420517	10/15	Wash	Orkney Is canc of SO of 5/24/19	902
364218	10/16	Wash	Bu Stds canc of SO of 11/1/18	916
450994	10/16	Wash	Anacostia radio appr	918
450992	10-16	Wash	Inspr Lake medium wave receivers.	100-0-6
450167	10-15	N L Exp Sta	Airc Fcty Anti-noise & wireless trans.	736-48
451888	10-17	Akron	Chatham Radio outfit & propellers	736-33

Number	Date	From or To	Subject	
451885	10-22	Boston	Phila loop Antenna wire	590-6
452456	10-20	N Y	Washington One bakelite	898
451894	10-17	Phila	Norf insulators	911
451897	10/20	Washing Ph	trans set	771-2
452609	10/20	MI	Puget Sd storage batteries	771-2
450663	10-20	Boston	Squantum Insulators	251-Q-6
451898	10-18	So. Brook	Mare Island receiwing booths	592-6
451900	10-20	Chasm	Norf sound proof booths	522-6
451900		Brook	Norf sound proof booths	522-6
451902	10-20	Boston	NHs insulators	496
452455	10-20	Phila	NHs antenna connectors	496
450895	10/20	Boston	Puget Sd insulators	771-2
434074	10-22	Wash	Norf miscellaneous transmitter equip	522-6
452469	10-22	Wash	Boston " " "	321-6
434073	10-22	Wash	Phila " " "	133-6
434065	10-22	PENN	Ny " " "	130-6
434068	10-22	ARIZONA	Ny " " "	130-6
452473	10-22	Boston	Lake special loop antenna wire	98-0-6
264944	10-23	Norf	M Is transmitting sets	521-6
453195	10-23	Wash	Bath receivers vacuum detectors etc	347-Q-6
451887	10-23	Boston	Elec Bt Co special loop antenna wire	88-0-6
453504	10/24	NY	Great Lakes stor batteries Ship Bd	771-2
424578	10/24	Buffale	MI machine tools	798-4
439368	10/24	Quincy	MI machine tools	798-4

Number.	Date.	From or To--	Subject.	
422184	10/2	PROMETHEUS Washington	CO long wave receiver	354-6
448040	10/2	LEONIDAS Washington	CO Medium wave receiver	264-6
448676	10-3	Brook	Pug Sd. receiving booths	488-6
434412	10-3	Wash	CO medium wave receiver	478-6
448673	10-3	Chasn	Pug Sdsound proof receiving booths	121-6
447726	10-1	Boston	Ports French Antenna coils	109-0-6
313237	10/4	N Lond	NY Radio apparatus	702-771
448672	10/3	Phila	College Park radio trans set	898
448674	10/3	Phila	College Park two vacuum tubes	898
448997	10/4	Fleet Base	Key West armature	817
448404	10/4	Akron	NY radio trans former	854
448643	10-6	Brook	FR batteries and panels	251-Q-6
448643	10-6	Beth	Ny batteries and panels*	251-Q-6
448523	10-6	Beth	Boston spark transmitting sets	251-Q-6
443157	10/7	Fleet Base	Phila Ship Bd vessels Hog Is radio batt	882-1
446860	10/7	NY	Puget Sd battery for radio "A" set	882-1
449360	10-7	Boston	M Is transmitting sets.	330-Q-6
449646	10-8	Wash	CO vacuum tube detector	599-6
449647	10-8	M Is	CO receiver, vacuum tube detector etc	142-6
449647	10-8	S. Brook	Mare Island spark gap	142-6
449469	10/7	Washington	Langley Field radio appr	727-1
448469	10/7	Charleston	Langley Field radio appr	727-1
448469	10/6	Alto Facky Ph	Langley Fld radio appr	727-1

RADIO SHIP REPORT

N.S.E. Form 134.

Number.	Date.	From or To—	Subject.	
449645	10/8	Fleet Base	New Orleans storage batteries (12)	771-2
449012	10/8	Boston	Tr Sta San Francisco cable	842
442186	10-9	Ort Lks	Ford transmitting sets.	2-2-6
449360	10-8	Wash	M Is. receivers, detectors	330-Q-6
433610	10-9	NY	Inspr Lake 4 Forbes Logs.	119-0-4
449659	10/9	New London	NY radio appr for expr work	876
448968	10/10	Worx	Annap radio appr	707-1
450613	10-10	Phila	CO Rotary spark gap	572-6
448374	10-10	Wash	Squantum radio storage batteries.	251-Q-5
449664	10; 10	Phila	Washington 25 vacuum tubes	898
450611	10; 10	Washington	M. I. 10 bat charging panels	898
449007	10; 8	New York	Phila tools, batteries etc.	898
449663	10; 10	Anacostia	Washington 10 vacuum tubes	898
449013	10; 8	Washington	Phila 100 radio batteries	882-1
448968	10/10	Washington	Annapolis motor generator	707-1
449576	10/11	FSB	Constantinople Turkey radio appr	787-3
450621	10/11	Boston	Cleveland radio appr.	793-5
48048	10/11	Wash	New York pressure pumps	629
450981	10-13	Boston	Mare Island emergency transmitting sets.	332-Q-6
450663	10-13	Boston	Squantum electrose insulators	251-Q-6
446253	10; 10	Annapolis	Brook 2 dist cont boxes	820

[OVER.]

RADIO SHIPMENT REQUEST

N.S.E. Form 134

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Number.	Date.	From or To--	Subject.	
446807	9/28	Fleet Base	Charleston radio apparatus	882-3
446808	9/28	Fleet Base	New Orleans radio apparatus	882-3
446810	9/28	Fleet Base	Marine Island radio apparatus	882-3
446812	9/28	Fleet Base	Puget Sound radio apparatus	882-6
446399	9/28	Washington	Ft Wayne Ind 12 Radio vac tubes	898
446818	9/28	Anacostia	Washington 24 Radio vac tubes	898
444270	9-23	Lake	NY vacuum tube detectors and receivers.	497
445917	9-18	Phila	CO radio and transmitting set	323-6
446394	9-22	Wash	Pug Sd receivers.	121-5
444163	9-23	Ford	MI vacuum tube detector	2-2-6
446860	9/28	NY	MI storage batteries	882-1
440225	9/28	NY BROOK	Bu Std Amend SO of 8/20	898
439820	9-25	Fleet Supply Base	Air Force Radio matri at Montauk	756-37
446821	9-28	Aircraft Factory	Anacostia 24 vacuum tubes	756-43
446044	9-22	Wash	Ford radio head telephones	2-2-6
446044	9-22	Brook	Ford head telephone transmitters.	2-2-6
44 3742	9/28	Wash	Milwaukee radio storage battery	793-5
446873	9/27	South B	Key West motor blower	817
413576	9/27	Wash	Cavite batteries	898
447160	9-27	Wash	MI portable field sets.	425-6
445919	9-27	Phila	CO sound proof booths.	323-6
447728	9-27	Phila	Boston sound proof booths.	205-6
446822	9-27	Brook	Wash transmitting sets	35-X-6

RADIO SHIPMENT REQUESTS:

1919

Number.	Date.	From or To--	Subject.	
446679	9-27	Wash	TWIGG receivers	127-Q-6
446668	9/29	Cape May	Anacostia radio apparatus	918
448026	9/29	Phila	Washington radio condenser	918
447738	9-29	Phila	Cramp- Tel -batteries, charging panels	1650-K-6
448025	9-29	Wash	Chasn miscellaneous apparatus.	21-G-6
448023	9-29	Norff	NNa batteries-charging panels telephones	1654-K-6
447734	9-29	Brook	Boston Transmitting sets.	321-6
447725	9-27	Wash	Ny Battery box	577-6
420511	9/30	Anacostia	Wash Bu Std case of 30 of 5/23/19	918
448030	9-30	NNa	M Is arc radio sets.	592-6
448031	9-30	Wash	M Is transmitting sets.	592-6
448028	9-30	Brook	Pug Bd. transmitting sets.	132-6
448032	10/1	Wash	Santo Domingo Amend of 30 of 7/26	897
448033	10/1	Wash	Anacostia air radio receivers etc	918
448035	10-1	Wash	San Fran medium wave receivers.	123-0-6
448660	10/2	Quincy	M L radio apparatus for B-5	861
413764	10/2	MI	CO HEIENA radio apparatus	898
448042	10/2	Wash	MI radio apparatus	898
448357	10/2	Wash	Fleet Base radio appor	172-6
448691	10/2	Wash Chasn	NY sound proof booths	573-6

N.S.E. Form 134.

Number.	Date.	From or To—	Subject.	
445902	9/18	(Cane 9/19) Boston	Tampa two steel masts	793-5
445634	9/16	Washington	Guam two radio field sets	813
445653	9/18	Washington	Amapolis radio apparatus	820
445637	9/16	Washington	Great Lakes radio batteries	854
445636	9/16	Washington	NY radio receiver & detector	898
445644	9/16	Ports	Great Lakes radio trans sets	898
445645	9/16	Norfolk	Great Lakes radio trans sets	898
441412	9/16	Brooklyn	Phila amend of SO of 8/25	918
443718	9/16	Phila	Gramm Ph radio compass houses	919
443718	9/16	Phila	Norfolk radio comp houses	919
443718	9/16	Phila	MI radio comp houses	919
443718	9/16	Phila	NYS Camden radio compass houses	919
443718	9/16	Phila	NN radio comp houses	919
443718	9/16	Phila	Bath radio comp houses	919
SE 1730/19	9/19	Glouch	Rockaway Beach Mosie mica spark plugs DA	
NSA 337	9/18	NY	Boston engine patterns	
445647	9-18	Brook	6-1-C-10 Mare Island quenched spark gaps.	497
443691	916	Chasn	NY receiving booths.	573-6
445179	9-16	Phila	NY radio material miscellaneous	529-6
445907	9-18	Brook	Phila receiving booths.	323-6
445635	9-16	Phila	Boston short wave transmitting sets.	205-6
444444	9-16	Brook	CO quenched spark gap units.	157-6
443918	9-18	Ports	Wash radio rotory converter	96-Q-6
445229	9-18	wash	nns miscellaneous radio material	1655-K-6

Number.	Date.	From or To—	Subject.	
404195	9/18	TALLAPOOSA Fleet Base	Boston Cam of SO of 3/28	704
445912	9/19	Ports	Tampa Fla radio masts	793-5
446392	9/20	Wash	New Orleans coll	821
446383	9/20	Wash	Radio Divn Wash rec loading inductance	898
446382	9/20	Wash	Bu Stds wavemeter decremeter	916
390065	9/20	Wash	Schenectady Cam SO of 1/31	918
446385	9/20	Norfolk	Puget Sound gas engine bat chrg units	919-1
443953	9-20	Brook	Bath insulators	345-Q-6
444726	9-20	Brook	Norfolk transmitting set.	582-6
445920	9-20	Wash	Boston medium wave receiver.	465-6
445918	9-20	Phila	CO transmitting set.	323-6
444599	9-20	NY	Boston void	
446606	9/22	NY	MI radiostorg batteries	882-1
446222	9/23	Fleet Base Minneapolis	Western Elec telephone	727-1
446400	9/23	Phila	San Diego insulators	830
335148	9/23	Wash	W London Cam of SO of 8/10	876
446869	9/23	Norfolk	GL batteries	882-1
446804	9/23	Fleet Base	Boston radio apparatus	882-5
446805	9/23	Fleet Base	Phila radio apparatus	882-5
446806	9/23	Fleet Base	Norfolk radio apparatus	882-5

RADIO SHIPMENT LIST

Number.	Date.	From or To--	Subject.	
437934	9/11	Puget Sound Mare Island	radio transmitting sets	771-2
444972	9/11	Fleet Base Puget Sound	radio transmitting sets	771-2
444974	9/11	Fleet Base Mare Island	radio trans sets	771-2
444975	9/11	Fleet Base Mare Island	radio trans sets	771-2
440552	9/10	Fleet Base Wash	gen sets	916
444287	9/11	Wash. New London	radio receiver	861
444977	9/12	New Or Puget S	radio trans sets	898
444978	9/12	Chas MI	radio apparatus	898
444983	9/12	NO Wash	radio receivers	898
444982	9/12	NO MI	radio receivers	898
440552	9/10	South B Bu Stds	radio apparatus	916
444984	9/12	Phila Wash	aircraft radio phone sets	
444980	9-12	Boston Phila	sub loop antenna cable.	497
423867	9-11	Boston Phila	transmitting set	1650-K-6
444272	9-10	Brook Squantum	radio telephones.	251-Q-6
444286	9-11	Wash Phila	receivers-detectors-amplifiers.	1653-K-6
421339	9-12	Chas NL	quenched spark gap.	107-O-6
444646	9-13	Phila NNE	transmitting set	1654-K-6
444646	9-13	Boston NNE	transmitting sets.	1654-K-6
445804	9/18	FSE Minneapolis	radio phone amplifier	727-1

RADIO SHIPMENT REQUEST

Number.	Date.	From or To--	Subject.	
445230	9/13	Bar Harbor	Cavite one tone trap	806
445231	9/13	Bar Harbor	Cuen one tone trap	813
445237	9/13	Bar Harbor	Mare Island 2 tone traps	818
422769	9/15	Wash	New Orleans radio apparatus	821
422770	9/15	Wash	New Orleans radio batteries	821
445232	9/13	Bar Harbor	San Diego one tone trap	830
445234	9/13	Bar Harbor	Wash one tone trap	841
445235	9/13	Bar Harbor	Coco Solo one tone trap	851
445236	9/13	Bar Harbor	Pearl Harbor two tone traps	852
445241	9/15	Norfolk	N.Y. radio amp from KONINGIN D.R. NEDERLAND	876
445245	9/15	Fleet Base	Akron radio transformer	918
445235	9/13	Bar Harbor	Cayey one tone trap	930-4
388911	9/15	Wash	Aircraft Factory Transmitters & dynamotors	736-45
444163	9-13	Wash	Insp Ford medium wave receiver.	2-Z-6
444991	9/13	Wash	Mare Island radio receivers	771-2
445228	9/13	Wash	Puget Sound radio receivers	771-2

Number.	Date.	From or To--	Subject.	
438662	8/29	Washington	OO NEW MEXICO	four booth protecting relays 554-6
442176	8/29	Washington	Darien via Fleet Base	carbon cathodes 851
439172	8/30	Norfolk	Wash	radio transformer 904
441899	8/27	Phila	Akron	2 radio storg batteries 918
431380	8/27	Norfolk	Anpledore Is	Canc of shipt order 7/11 919 -1
422184	8/30	Washington	OO	2 radio storage batteries 364-6
405680	9/2	Phila	Goose Solo	radio apparatus 918
422183	8/30	Wash	Phila	150 Magnavox radio airc trans 918
442181	8/30	Norfolk	Wash	Delco gas unit 902
434718	8/30	Fleet Base	Wash	canc of SO of 7/24 902
404195	9/4	Fleet Base	Boston for TALLAPOOSA	Canc of Shipt Ord 704
422773	9/4	Washington	Pearl Harbor	radio apparatus 852
439336	8/28	Wash	Elizabeth NJ	vacuum tubes for American Gas Acc Co 902
442772	9/4	Wash	DOWNES	radio apparatus 445-6
442430	9/4	Wash	NY	charging panel 582-6
422774	9/4	Norfolk	Bar Harbor	gas engine charg unit 919-1
443204	9/4	NY	Newport for Conaters Is	searchlight 919-1
422765	9/4	Wash	Detroit	receiver 898
422766	9-2	Brook	Rockaway	transmitting set for MC-4 736-19

RADIO SHIPMENT REQST

N.S.E. Form 134.

Number.	Date.	From or To—	Subject.	
442886	9/5	Washington	Great Lakes radio apparatus	707-11
442888	9/5	Washington	Great Lakes 36 carbon electrodes	707-11
443682	9/5	Boston	New Orleans cable	821
422777	9/5	Phila	Annapolis radio arc converter	920-1
442959	9-6	Wash	M Is medium wave receiver	511-6
443033	9-5	Wash	CO long wave wave meter.	316-6
441417	9/8	Wash	Bu Standards Canc of SO 8/25-	916
442071	9/8	Wash	Chasn Radio apparatus	479-771
443684	9/8	Wash	Great Lakes radio receiver	898
441137	9-9	Boston	Squantum auxiliary transmitters.	251-Q-6
443700	9-8	Norfolk	CO transformers.	79-Q-6
422775	9-9	Airc Factly	Coco Sole Milliammeter and insulators	736-41
443680	9-9	Wash	Rockaway radio vacuum tubes	736-19
444278	9/10	New Orleans	Great Lakes Radio apparatus	771-2
444279	9/10	Charleston	Great Lakes "	771-2
444281	9/10	Washington	Great Lakes "	771-2
422771	9/10	Washington	Akron radio apparatus	918
443688	9-9	Wash	CO Grid leak resistances.	554-6
435631	9/10	Wash	Annapolis radio apparatus	707-1
439334	9/11	Chas	Port au Prince radio trans sets	761

RADIO SHIPMENT REQUEST

127 ✓

Number.	Date.	From or To--	Subject.	
439727	8/16	Wash	Guantanamo Bay	2 radio stor batteries 814
439732	8/16	Wash	Norfolk	one radio and meter 824
439731	8/16	Wash	Ph	one radio and meter 828
437218	8/13	Chic	Mare Is	75% spare parts boxes 902
435645	8/18	Wash	Ph	radio receiver 898
439737	8-18	Wash	Norfolk	receivers. 522-6
439730	8-16	Boston	M Is	transmitting set. 298-Q-6
439897	8-19	Boston	Vladivostok	4-conductor sub cable. 920-13
439 738	8-21	Wash	Boston	receivers. 455-6
413229	8-21	Wash	Norfolk	amplifiers and storage batteries 581-6
440559	8-21	Wash	Boston	receivers. 205-6
439602	8-18	Phila	NY	insulators. 130-6
440219	8/19	Boston	Norfolk	mic radio trans condensers 704
440550	8/20	Boston	Guantanamo	2000 ft cable 814
439258	8/19	Wash	Cavite	one radio amplifier 906
440218	8/19	Wash	Norfolk	one radio amplifier 824
420323	8/19	South Brook	Orkney Island	ammeters 902
420323	8/19	H.L.	Orkney Is	Canc of SO of 5/23 902
440555	8/20	Wash	Chasn	Canc of Shipment order of 5/29/17 876
312115	8/20	Wash	ARCOSTOCK	radio amplifier 898
440225	8/20	Brook	Bu Std	vacuum tubes 898
418960	8/21	Wash	Wash	Canc of SO of 5/21/19 916
360644	8/20	Wash	Ph	Amend of SO of 2/4/19 918

RADIO SHIPMENT REQUEST.

N.S.E. Form 136.

Number.	Date.	From or To—	Subject.	
422691	8/19	Ph	Ph Rad Lab vacuum tubes	918
329263	8/21	Wash	Wash Cane of SO of 7/24	920
440819	8-23	Airc Factly	Rockaway Transmitting set, storage batteries, compass wire	736-19
440820	8-23	Anacostia	Rockaway 5-Sta Interphone set w transm	736-19
440822	8-23	Phila	Rockaway Enameled copper wire	736-19
440825	8-25	Flt Sup Base	Rockaway Electrode insulators	736-19
441411	8-25	Wash Yd	Rockaway Radio vacuum tubes	736-19
440226	8/21	Fleet Base	NY City radio appr	898
441420	8/26	Wash	SAMPSON Radio apparatus	567-6
440213	8-26	Wash Yd	Gen'l Engr Lab Vacuum tubes	898
441412	8-25	Inspr Brook.	Airc Factly Radio Apparatus	918
439832	8-26	Wash	Puerto Plata Radio apparatus	761
441137	8/28	Wash	Squantum radio apparatus	251-Q-6
442166	8/28	South Brook	Boston radio apparatus	205-6
441425	8/27	South Brook	Boston radio apparatus	205-6
431967	8/28	Norfolk	Boston radio apparatus	205-6
438228	8/26	SB	Norfolk radio apparatus for OKLA	52-6
440818	8/23	Wash	ISABEL radio receiving set for	599-6
442168	8/28	Fleet Base	Phila radio receiving booth	133-6
434061	8-28	Inspr Brook	Hamp Rds Radio batteries	736-34
441850	8/29	Wash	Mare Island radio receiver	108-6
419303	8/30	Supply	Phila radio apparatus	422-6

1918

Number.	Date.	From or To—	Subject.	
437929	8/9	Annapolis	Belmar N.J. One Whetstone auto telg transmitter	20-3
437614	8/9	Fleet Base	Newark N.J. Two Weston voltmeters	898
438521	8/9	New York	New Orleans 5 radio stor bat	771-2
437355	8/11	Boston	New Orleans radio relay key	821
428744	8/9	NY	Phila Cans SO of 7/15	918
392736	8/9	Washington	Phila switches controls	919
437067	8-9	New London	Wash wavemeters.	496-6
431834	899	Boston	Porta receiver	451-6
437065	8-12	Wash	Boston receiver and amplifier.	313-6
438681	8-11	Norfolk	Phila transformers.	20-X-6
438683	8-11	Wash	M Is apparatus listed.	314-Q-6
438684	8-11	Boston	M Is transmitting sets.	314-Q-6
437298	8-11	F S B FR	30 insulators.	251-Q-6
437046	8-9	Amplifier	Wash to CO	103-Q-6
436940	8/9	Wash	Great Lakes	707-11
421330	8/9	South B	Rock Beach Cam of SO 5/28	726-39
421338	8/9	South B	Anacostia Cam of SO 5/28	736-43
426271	8/11	Montiak Pt	Dirig O-5 radio material	736-37
397072	8/13	Phila	Wash Mem of SO of 3/28/19	707-8
438698	8/13	Wash	MI radio receiver	898

Number.	Date.	From or To--	Subject.	
439222	8/13	Bu Std	Wash radio receiver	898
439223	8/13	Wash	Bu Std radio receiver	898
438700	8/13	Chicago	Cavite radio telephones	902
439218	8/13	Chicago	PH radio telephones	902
439219	8/13	Chicago	GRAM radio telephones	902
439224	8/13	Chicago	Ports radio telephones	902
439225	8/13	Chicago	Boston radio telephones	902
439226	8/13	Chicago	Phila radio telephones	902
439227	8/13	Chicago	Norfolk radio telephones	902
439228	8/13	Chicago	Charleston radio telephones	902
436572	8-13	Boston	Quincy transmitting set	252-Q-6
439221	8/13	Chicago	Fleet Base 25% of spare part boxes	902
439230	8/14	Chicago	Great Lakes 10 radio phones	902
439232	8/14	Chicago	Fleet Base 128 phones	902
439233	8/14	Chicago	Puget S 75 phones	902
439234	8/14	Chicago	Mar Is 168 phones	902
430127	8/14	Wash	Norfolk radio receiver	704
439725	8/15	Norfolk	NO Stahl Comm rectifier	821
439441	8/15	NY	Yds stor batteries	902
439725	7-15	Norfolk	Port Arthur Stahl commutator rectifier	793-5
437935	7-11	Fleet Supply Base	Boston 2-KW transmitting sets	771-1
437934	7-11	Fleet Supply base	PUG SD 2-KW transmitting sets	77-12

Number.	Date.	From or To--	Subject.	
398584	8/2	Phila	Insp Phila Canc of SO of 3/11/19	918
435 029	8/2	Phila	Boston radio coils and houses	919
432992	8-2	Wash	NMA radio apparatus listed	185-Q-6
436002	8-5	Wash	OO amplifier etc	439-6
436586	8-5	Wash	OO medium wave receiver	425-6
435652	8-5	Wash	Porte short wave wave meter.	498-6
435652	8-4	Boston	Porte transmitting sets.	408-6
436580	8-4	Wash	NY vacuum tube detectors, amplifiers etc	1-8-6
432992	8-4	So. Brook	NMA radio phones, batteries etc.	186-Q-6
413764	8/4	Wash	KERSAGE Canc of SO of 6/5/19	898
436579	8/4	Wash	Mare Island radio arc transmitting set	896
398584	8/2	Phila	Airc Factly Ph radio apparatus for gen store	918
437202	8/5	Wash	Lorient France radio apparatus amend of So of 2/18/18 W	920
437203	8/5	Wash	Rocheport France amend of SO of 2/20/18	920
437204	8/5	Wash	St Navaire France amend of SO of 2/20/18	920
4372 07	8/5	Wash	Brest France amend of SO of 2/25/18	920
436077	8/5	Wash	Coc8 Solo 120 vacu tubes and batt	736-41
426591	8/2	AROOSTOOK	Phila radio apparatus used in TA flight	736-19
428491	6-27	Wash	OO amplifier	381-6
424499	8/6	Phila	Fords Island six radio airc trans	727-1
377381	8/5	Wash	Great Lakes Canc of SO 12/18/18	918
437201	8/5	Brook Wash	Van Dyches	918
435029	8/5	Wash	Boston radio comp receiv equip	919

Number.	Date.	From or To.	Subject.
437219	8/6	Phila	Mantoloking Weston Voltmeter 919-1
437221	8/6	Phila	Sandy Hook Weston voltmeter 919-1
437593	8/6	Phila	Cape May Voltmeter 919-1
435140	8/6	Phila	San Diego radio apparatus 736-40
428743	8/4	H Rds	Anacostia Amend of SO 7/1 736-43
433947	8/7	NY	Cape May radio telephone batt 704-1
437597	8/6	Ph	North weston voltmeter 919-1
437598	8/6	Ph	Cape Henalopen voltmeter 919-1
437599	8/6	Ph	Ches voltmeter 919-1
437922	8/8	Phila	Newport voltmeter 919-1
437923	8/8	Phila	Brentons Neck voltmeter
436583	8/7	Anacostia	Boston voltmeter 919-1
437002	8/7	Phila	Ampladors three airo radio trans sets 918
437606	8/7	Phila	Schmactady voltmeter 919-1
437607	8/7	Phila	Chasen voltmeter 919-1
437608	8/7	Ph	Glouch voltmeter 919-1
437609	8/7	Ph	Boston voltmeter 919-1
437610	8/7	Ph	Boston voltmeter 919-1
437611	8/7	Ph	Rockaway Beach voltmeter 919-1
437924	8/8	Ph	Bayshore NY voltmeter 919-1
			Montauk Pt voltmeter 919-1
			Boston voltmeter 919-1

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Number.	Date.	From or To—	Subject.	
431828	7-26	Wash	CO medium wave receivers.	567-6
364932	7/26	Wash	Santo Domingo radio material listed	898
435143	7/26	Wash	SE Radio radio receiver audion con box	898
434988	7/28	Wash	Otter Cliffs amplifier	920-2
433414	7/24	CO	Naval Aircraft Radio apparatus	699-771
435647	7-29	Phila	Factory booths, compass coils etc.	408-6
435648	7-29	Wash	Ports transmitting sets, compass sets etc.	408-6
435650	7-29	Brook	Ports storage batteries booths phones etc.	408-6
435654	7/30	Wash	Ford Is twelve radio batteries	727-1
435665	7/30	Wash	France Field Cristobal twelve radio batt	727-1
435658	7/30	Wash	War Dept radio receivers	727-1
435661	7/30	Fleet Supply Base	Wash spark gap	898
433876	7-24	Airc Fcty	Chatham radio generators	736-33
435148	7-28	Airc Fcty	Hamp Rds transmitting sets	736-34
435660	7-30	Wash	CO audion control box.	568-6
435659	7-30	Wash	GP receiver and audion control box.	540-6
417654	7-30	Squantum	Boston radio arc transmitting sets.	269-Q-6
436207	7/31	Wash	Guantanamo radio receiver	814
420320	7/31	Wash	Great Lakes camp of SO of 5/23/19	854
436081	7/31	Phila	New London three vacuum tubes	861
434724	7/31	Wash	Norfolk radio receiver	898
434726	7/31	Wash	Ph radio receiver and amplifiers	898
435658	7/30	Wash	Bu Std airc amplifier	918

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Number.	Date.	From or To--	Subject.	
435657	7-30	Hemp Rds	Anacostia Radio apparatus	736-43
435149	7-28	Airc Factly	San Diego Radio transmitting sets	736-40
436075	7-31	Wash NY	NY receivers.	529-6
436074	7-31	Wash	NY receivers.	150-6
436083	7-31	Wash	NY receivers.	550-6
436082	7-31	Wash	CO medium wave receiver.	548-6
435287	7-31	Phila	CO Telegraph key sounders.	477-6
436084	7-31	M Is	CO audion control box.	391-6
436206	7-31	Wash	Phila control box and amplifier.	467-SP
436067	7/30	Miami	Phila airc radio material	736-36
426186	7/31	FSE	Annaeolia six spiral coils	704-1
4362 09	7/31	Phila	Guantanamo Bay radio trans set	814
436212	8/1	Wash	KW radio receiver and amplifier	817
435150	7/31	Melville	Boston radio telephone	822
436213	8/1	Wash	Great Lakes radio reciver	854
408630	7/31	Wash	Boston vacuum tubes	918
436214	8/1	Anacostia	:Pitts two Magnavox trans	918
436078	7/31	Phila	MHemp Roads airc radio trans sets	736-34
436 072	7/31	Montauk Pt	Phila airc radio material	736-37
436215	8/1	Washint n	anacostia two Magnavox transmitters	736-43
436070	7/31	Morehead	City Phila radio airc material	736-47
436 068	7/31	Brunswick	GA Phila airc radio material	736-49
434126	8-2	Wash	CO resistance units.	554-21

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Number.	Date.	From or To—	Subject.	
432746	7-18	Wash	Norfolk short wave receiver.	581-6
423383	7-19	Boston	CO Morse radio tel keys (20)	562-6
433156	7-18	NY	INs Marconi transmitting set.	4-BB-6
427384	7/19	New York	Cape May storage battery	704-1
428195	7/19	Wash	Annapolis Canoe of SO of 7/14	920-1
433720	7/19	Wash	Annapolis and control box	988-1
433722	7/21	Wash	Brooklyn Kleinschmidt perfor machines	909
433718	7/19	Brook	Wash instructions books	918
433714	7-19	Wash	Balboa Wavemeters	795 - 8
433155	7-18	Wash	Paris Isl receiving sets & vac tubes	761
433167	7-19	Inspn GE	Paris Isl Transmitters	761
433712	7-19	Inspn GE	Quantico Transmitters	761
431726	7-16	Airo Fecty	Radio Lab Airo Fecty- App for exp work	736-8
433414	7/21	CO SHAWMUT	GE Co Radio telegraph	699-771
432793	7/19	Post	NY Radio apparatus	361-771
433165	7/19	Schenectady	Phila nine radio airo transmitters	918
433729	7/21	Anacostia	Wash three Magnavox radio trans sets	918
434066	7/23	Wash	Phila radio motor buzzer sets	898
408674	7/21	Norfolk	Wash radio transformer	904
434065	7-22	Wash	NY motor buzzer set and transmitter	130-6

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Number.	Date.	From or To--	Subject.	
434063	7-22	Wash	Boston radio motor buzzer sets	205-6
434057	7-21	Aircraft Factory	Anacostia Radio generators	736-43
434062	7-22	Brooklyn	Anacostia Radio batteries & mountings	736-43
434403	7-23	Wash Yd	Anacostia Radio amplifier	736-43
434061	7-22	N Y	Hamp Rds Radio batteries & mountings	736-34
434060	7-22	Anacostia	Hamp Rds Storage battery charg units	736-34
434401	7/23	Anacostia	New Orleans radio amplifer	821
434400	7/23	Schenectady	N London radio transmitting	861
431389	7/24	Brunswick	Chasn trans set	898
434396	7/23	Wash	MI motor buzzer sets	898
434396	7/23	South B	MI gen bat charg units	898
436413	7-24	Wash	CO medium wave receiver.	533-6
434074	7-22	Wash	Norf motor buzz r sets	533-6
434191	7-23	Wash	Pag Sd motor buzzer sets	488-6
434412	7-24	Wash	CO audion control box, receivers	478-6
434073	7-22	Wash	Phila motor buzzer sets.	133-6
434717	7-24	Wash	Phila medium wave receivers.	51-8-6
434718	7/24	FSB	Washm apparatus	902
434727	7/26	Wash	San Domingo City radio ap aratus	865
434728	7/25	Norfolk	Wash radio relay key	898
289285	7/25	Wash	Pensa Amend of SO of 3/15	918

Number.	Date.	From or To—	Subject.	
431331	7-10	Miami	San Diego transmitters	736-40
431341	7-10	Airc Fauty	San Diego storage batteries	736-40
431340	7-10	Airc Fauty	Hamp Rds storage batteries	736-34
431106	7-10	Airc Fauty	Pensacola dynsmotors	736-36
431336	7-10	Miami	Hamp Rds transmitters	736-34
431390	7-11	Fleet Supply Base	New York Radio app for R-34.	736-19
302494	7/12	Wash	NY Flagship. Cano SO 5/10/18	787-1
432006	7-14	Wash	Pug Sd receivers and transmitters etc	1-F-6
431701	7-14	Wash	CO audion control box.	320-6
431846	7-15	Norri	NY radio motor generators.	167-6
355996	7/14	Wash	New Orleans Amend SO of 10/17/18	771-2
432254	7/15	Wash	Great Lakes radio receiver etc	793-5
432638	7/15	Washington	Inglewood Cal. radio material	793-5
431992	7/12	Wash	Canal Zone radio material	727-1
431995	7/15	Phila	Canal Zone radio appr	727-1
431997	7/15	Phila	Canal Zone radio antennas	727-1
431999	7/14	Schenectady	Hawaii radio qtransmitters	727-1
432000	7/14	Wash	Hawaii radio receivers	727-1
432001	7/14	Phila	Hawaii radio trans	6 727-1
432003	7/14	Phila	Hawaii radio aparatus	727-1
411765	7/14	Wash	MI radio apparatus	7 07-11
432251	7/14	Wash	Pearl Harbor condensers	852

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Number.	Date.	From or To—	Subject.	
307429	7/14	Wash	N O Amendment of S.O. 5/18/18	898
359379	7/14	Wash	Chas Cano 3010/18/18	898
413753	7/14	South Brook	Cape Fear radio apparatus	898
379433	7/11	Schenectady	Wash Cano S.O. 12/23/18	918
403046	7/12	Schenectady	Signal Corp Cano 30 3/17	918
428744	7/15	NY City	Ph six cases spare part for m gen	918
429001	7/14	Ph	Akron wire and cable	918
428195	7/14	Wash	Amapolia radio tubes receptacle	920-1
431381	7/11	Brunswick	Phila radio transmitters	918
431539	7-11	Wash	Hamp Rds Receiver, vac tubes & helmets	736-34
431543	7-10	Airc Paaty	Hamp Rds radio transmitting sets	736-34
431835	7-14	Wash Yd	San Diego Receiver, vac tubes & helmets	736-40
431544	7-10	Airc Paaty	San Diego Radio transmitting sets	736-40
432260	7-15	Brooklyn	San Diego Radio transmitting sets	736-40
432648	7-16	Phila	Cramps battery charging panels.	206-Q-6
432637	7-16	Brook	Phila battery charging panels	206-Q-6
432005	7-14	Boston	Pug Bd transmitting sets.	1-F-6
431831	7-15	Wash	GE Co vacuum tubes	918
432252	7-14	Hamp Rds	Phila A Factory transmitters.	918
432259	7-15	Brook	Phila A Factory transmitters and spares.	918
432645	7-16	Wash Yd	Navy Bldg Transatlantic receivers.	841
431994	7-15	GE	Cristobal aircraft receivers.	727-1

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Number.	Date.	From or To—	Subject.	
428190	6/28	Phila	Washington radio apparatus	918
429387	7/2	Phila	Boston radio compass coil	919-1
431031	6-30	Wash	CO amplifier.	548-6
428743	7-1	Hamp Rds	Anacostia radio material	736-43
429373	7-1	Phila Yd	Chatham radio transmitters	736-33
430524	7/8	Porta	Radio Div Wash snap switches	900
429349	7-3	Syracuse Gloucester	Liberty Engine	772
429390	7/2	Wash	BLACK HAWK Radio apparatus	61-771
430510	7-9	Wash	Phila Audion battery charging panel	553-6
430501	7-8	Wash	Phila audion control box-receivers and amplifiers.	133-6
430502	7-8	Wash	Norf receivers, amplifiers, control boxes.	529-6
429674	7-8	Brook	Phila transmitting sets.	443-6
431095	7-9	Wash	CO amplifier.	212-6
421153	7-8	Wash	Brook relay key.	131-6
428738	7-8	Brook	Phila armature rotating element.	16-5-6
429964	7-8	Boston	Mars Island transmitting sets.	226-2-6
428509	7/8	South B	War Dept Amend SO 6/27	727-1
429962	7/7	Wash	Port au Prince wave wavemeter	865
429961	7/8	Boston	Port au Prince radio trans condensers	865
431092	7/9	Wash	H Roads radio receiver	898
430503	7/9	Wash	MI radio equipment	919-1

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Number.	Date.	From or To—	Subject.	
430504	7/9	Washn	Puget Sound	radio compass receiving equip 919-1
430505	7/9	Phila	MI	11 radio comp coils 919-1
430506	7/9	Phila	Puget Sound	8 radio compass coils 919-1
431090	7/9	Wash	Newport	radio receiver 919-1
431091	7/9	Phila	Newport	radio compass coil 919-1
421489	7/8	Phila	Quantico	radio antenna complete 761
429283	7/10	Norfolk	Charleston	radio appr for CYPRESS 678
431334	7/10	Washn	Phila	radio apparatus 882-1
431685	7/11	Phila	Wash	storbatteries 882-1
431107	7/10	Monsacola	Phila	radio three defective dynamo 918
4305 09	7/10	Phila	NY	radio comp coil comp house 819
431380	7/11	Norf	Boston	Delco bat charg unit 91 9-1
431827	7/11	Wash	SE	selector switch 896
431686	7-11	NY	CO	radio phone storage batteries. 517-6
429384	7-10	Inspr Chi	Phila	25 radio telephones. 206-Q-6
431329	7-10	Wash	CO	audion control box/ 121-6
431332	7-10	Brook	Phila	sound-proof receiving booths. 133-6
431383	7-11	Wash	CO	receiver, audion control box, amplifier 299-6
428504	7-11	Wash	CO	reqts cancel order of 5-27 260-6

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Number.	Date.	From or To--	Subject.	
428501	6-27	Wash	CO amplifier	549-6
428968	6-28	Wash	CO amplifier.	572-6
428511	6/27	Wash	War Department steel masts	727-1
407461	6/27	Brooklyn	Norfolk motor generator	882-3
422691	6/27	Phila AF	Phila Laboratory radio apparatus	918
428497	6/27	Norfolk	Washington radio compass amplifier	918
428740	6:27	Brook	Phila 10 2 kw radio trans sets	771-2
428509	6/27	South B	War Dept engine radio trans sets	727-1
428137	6/28	Wash	Pearl Harbor condensers	852
428741	6/27	South B	San Domingo gaskets	865
407414	6/28	Wash	NY City 12 vacuum tubes	898
418764	6/28	Wash	VERMONT CO audion control box	898
299865	6/28	Wash	Rockaway Beach Can SO 4/23/18	918
299867	6/28	Wash	H Rds Can SO 4/23/18	918
299868	6/28	Wash	Pensacola Can SO 4/23/18	918
423104	6/27	Phila AF	Phila amend of SO 6/10/19	918
428492	6-27	Wash	CO amplifier.	581-6
428505	6-28	Wash	CO amplifier	550-6
428993	6-30	Wash	CO receiver-audion control box etc.	543-6
428501	6-27	Wash	CO amplifier	543-6
428490	6-27	Wash	CO amplifier	542-6
428493	6-27	Wash	CO amplifier	450-6
428502	6-27	Wash	CO amplifier	445-6
428506	6-28	Wash	CO amplifier	411-6

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Number.	Date.	From or To—	Subject.	
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318140	6-28	Wash	CO audion control box.	389-6
428489	6-26	Wash	CO amplifier.	284-6
428504	6-27	Wash	CO amplifier	260-6
428488	6-26	Wash	CO amplifier.	206-6
425415	6-30	Phila	NY transmitting sets.	167-6
428487	6-26	Wash	CO amplifier	145-6
428754	6-28	Brook	Phila transmitting sets.	133-6
429376	7/1	Norfolk	NY gen set for LV 69.	8418
428994	6/30	Washn	Schenec radio receivers	898
429380	7/1	Washn	Mare Is radio receivers	898
423503	6/28	Washn	GE Co (radio receivers & vac tubes Canc. 30.6/20th)	918
429374	7-1	Wash	NY long wave receiver.	571-6
428507	7-1	Wash	CO two-step amplifier.	448-6
429601	7/2	Wash	San Diego radio amplifier	830
428990	7/1	Wash	New London radio amplifier	861
429388	7/2	Wash	Boston radio receiving equipment	919-1
429386	7-2	Wash	Phila radio apparatus listed.	216-Q-6
429675	7-2	Wash	CO medium wave receiver	572-6
413764	7-5	Wash	CO medium wave receiver.	539-6
355033	7-2	Flt S B	Beth apparatus listed.	272-Q-6
429672	7-2	Wash	STEVENS short wave wave meter	86-Q-6
429671	7/2	Washn	Signal Corps 3 medium wave radio receivers	727-1
413764	7/3	Wash	ERICSSON radio receiver	898

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Number.	Date.	From or To—	Subject.	
425878	6-21	Wash	CO radio apparatus listed.	172-6
426806	6-21	Wash	CO audion battery charging panel.	268-6
421740	6/23	Washn	War Dept radio receivers	727-1
427478	6/24	Wash	Cavite telg typewriter tape perfor spares includ extra tape 1 Kleinschmidt auto trans machine	806
427653	6/23	Fleet B	New Orleans radio trans set	821
422438	6/23	Fleet B	Wash radio trans set	898
426794	6/21	Phila	Morfolk portable ammeter	916-4
428046	6-25	Wash	CO frequency ammeter.	563-6
425872	6-23	Wash	CO radio apparatus listed.	364-6
427657	6-24	Wash	Cape May Amplifier & compass cont panel	736-32
427658	6-24	Airc Factly	Cape May Radio compass coils	736-32
427652	6-23	Airc Factly	Anacostia Radio transmitting sets	736-43
421740	6/24	Schenectady	War Dept 42 airc radio transmitters	727-1
421740	6/23	Phila	War Dept radio stor batteries trans	727-1
427670	6/23	Phila	War Dept ten radi antennas	727-1
421467	6/24	Boston	Roselle Park radio receiver	898
420323	6/25	HL	Orkney Is Amend SO 5/23	902
389368	6/24	Schenectady	NY Can SO 1/30	918
281613	6/25	Phila	European F Can SO 2/19/18	920
294942	6/24	Washn	Phila amendment of SO 4/18/18	920
307862	6/25	NY	Paulac France Can SO 5/22/18	820

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Number.	Date.	From or To—	Subject.	
428063	6-26	Boston	CO standard radio relay key.	106-Q-6
426562	6-26	Wash	NY two-step amplifier.	106-Q-6
428049	6-25	M Is	CO batteries, phone, battery charging panel	289-6
422501	6/25	South B	Erie Proving Ground radio apparatus	727-1
413764	6/26	Wash	Wyoming radio receiver	896
424722	6/26	Wash	Orkney Is radio amplifiers	902
424728	6/26	South B	Orkney Is radio telephone boxes	902
428045	6/25	South B	Schenectady radio telephone	902
427660	6/24	Chasn	NO radio steel masts	919-1
428062	6/26	Wash to	North Head radio r.c. cont box and	752-5
382189	6/26	NO	GL 15 kw radio trans sets	771-2
428049	6/25	Boston	Phila wire	906
428060	6/26	Phila	Bu Std airc radio trans	916
428558	6/26	Boston	Washn Bu Std six Morse telg keys 25 lbs unsent mic	916
428558	6/26	Fleet Base	Bu Std insulators	916
428558	6/26	Wash	Bu Standards radio amplifiers etc.	916
303544	6-28	Ports	SAVANAH quick closing valve mechanisms	574-20
426498	6-28	Phila	Boston 30 Aldis light equipments.	1-S-5
428926	6-28	Pug Sd	Norrf submarine sig apparatus listed.	1-2-7

Number.	Date.	From or To—	Subject.	
424927	6-13	Boston	My emergency radio transmitter.	577-6
424926	6-13	Norfolk	Chasn radio motor generator.	203-6
386844	6-13	Wash	Mare Island audion battery charging panel	171-Q-6
296290	6-14	NY	Washn radio trans set	876
422498	6-13	South Brook Washn	canc SO 6-4	858
424930	6-13	Rockaway B Washn	radio airc transmitters	918
424354	6;11	Wash	Mobile radio amplifiers and storage batteries	793-5
424952	6;13	Brook	Cape May 2 Kw gas engine driven trans	793-5
425470	6-16	Wash	CO audion battery charging panel..	422-6
424942	6-16	M Is	Hy(motor generator and parts.	422-6
418141	6-17	Wash	CO audion control box	408-6
424938	6-16	Wash	Lake 7 audion battery charging panels.	98-0-6
425476	6-17	Wash	St Augustine Radio apparatus	834
389368	6-17	Schenectady Phila	5 airc radio transmitters	918
425492	6-17	New Brunswick Annapolis	4 radio frequency meters	920-1
425474	6-18	So. Brook Phila	emergency radio transmitters.	206-Q-6
425972	6;18	Boston	Phila Radio sets	771-2
425973	6;18	Wash	Oregon Radio amplifier and rec and control box.	793 - 5
425976	6-18	Washn	Chasn radio amplifier	807
422974	6-18	South Brook Annapolis	radi apparatus	820
425971	6-18	South B Norfolk	changer w loading coils	824
426249	6-19	Wash	Balboa radio receiver	850

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Number.	Date.	From or To—	Subject.	
423097	6-6	Phila	Phila radio batteries	918
423738	6-7	Wash	Insp Ford 100 radio storage batteries.	2-2-6
423096	6-6	San Diego	RL6 aircraft radio tel set.	93-0-6
302095	6/9	Wash	BLACK HAWK radio apparatus	61
423506	6/10	Wash	NY Yd Radio apparatus	767-771
423866	6-9	Boston	Phila transmitting sets.	1650-K-6
423867	6-9	Wash	Phila receivers, audion control boxes etc.	4
423868	6-9	Boston	Phila transmitting sets.	4
423870	6-9	Wash	Phila receivers, amplifiers audion etc.	4
423869	6-9	So. Brook	CO storage batteries.	80-A-6
422473	6-10	Wash	CO amplifier storage battery.	576-6
423494	6-7	Wash	S.O. Hy radio apparatus.	554-6
423184	6-10	Wash	CO medium wave receiver.	477-6
423505	6-9	Wash	Boston audion battery charging panel	321-6
423881	6-10	Wash	NY audion batt chrg panel W	704
422873	6-10	Washn	St Thomas medium wave radio receiver	863
410387	6-9	Washn	Washn two batteries & vacu tubes	882-1
418460	6-10	Washn	MI vacuum tubes	898
418460	6-10	MI	Washn vacuum tubes	898
423880	6-10	Washn	Lowenstein CO radio frequency ammeters	898
423871	6-10	Washn	Bu S. d radio choke coils	916
423849	6-9	Phila	Grt Lks. radio transmitting set.	771-2

RADIO SHIPMENT REQUEST

Number.	Date.	From or To—	Subject.	
413764	6-10	Washn	radio receiver	893
423885	6-11	Wash	CO amplifiers and receivers.	377-6
423107	6-12	Wash	CO medium receiver.	280-6
423894	6-11	Wash	Round Shoals radio receiver	678
415022	6-12	Washn	San Juan Bay alcohol up	814
424333	6-12	Washn	NO radio str. batteries	821
424335	6-12	Washn	San Pedro de Macoris radio material	865
413764	6-12	Wash	CO DELIN radio telg material	818
423104	6-12	Phila	Phila radio appr. for N-9 seaplane	918
423872	6-12	NY Brook	Cape May radio transmitter	918
349012	6-12	Washn	Newport Camp 30 Sept 19-18	919
424182	6-12	Wash	Camp Alfred Vail radio amplifiers	727-1
423499	6-10	Phila	NY porcelain insulators	888
424351	6-12	Brook	Phila airc. radio transmitters	918
421876	6-10	Schenectady Phila	radio vacuum tubes	918
424925	6-12	Wash Yd	Cape May radio batteries	736-32
423495	6-12	Airc Fccty	Hamp Hls Transmitter & Vac tubes	736-34

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Number.	Date.	From or To—	Subject.	
415863	6-2	Norfolk	Bu Stas	Cancell 3-0 5-5-19 W 898
422102	6-2	South B	Washn	radi- transformers 898
389368	5-21	Schenectady	SUPPLY	radio apparatus Cane 30 1-30-19
421615	6-2	Brook	CO generator couplings.	324-6
421889	5-31	Wash	CO medium wave receiver.	138-6
421559	5-29	Airc Fac	San Diego	transmitter & vac tubes 736-40
422110	6-2	Brook	Chasn	Gas eng gen unit 919-1
422485	6-2	Washn	Chasn	radio appr 919-1
422487	6-2	Phila	Chasn	radio comp coil 919-1
413327	6-3	MI	Philippine Is	radio appr 727-1
422488	6-3	Wash	CO amplifier.	520-6
422104	6-2	Phila	NY radio arc transmitting set.	488-6
422499	6-4	~~Brook~~ Brook	Washn	radio apparatus 898
422498	6-4	~~Brook~~ Brook	" "	898
422500	6-4	Phila	" "	898
413327	6-4	Great Lakes	Philippine Is	radio material 727-1
422491	6-4	Wash	CO receivers, audion control boxes etc.	268-6
422492	6-4	Wash	CO audion control boxes	130-6
421743	6-4	Wash	Inspr Lake audion battery charging panel.	106-Q-6
422494	6-4	Phila	MI	one radio compass 919
421983	6/4	Wash	NY Yd	Radio apparatus 361-771

RADIO SHIPMENT REQUEST

N.S.E. Form 134.

Number.	Date.	From or To	Subject.	
421553	5-29	Wash	Cleveland radio appa	793-5
421890	5-31	Boston	Siasconsett Radio appa	793-5
421550	5-3	Rockaway	Montauk radio appa	786-37
413764	6-5	Wash	KJRSIG radio receiver	898
423087	6-5	Newport	NY fog signal warning appa	912
423009	6-5	Wash	CO short wave wavemeter.	342-6
423006	6-5	Wash	CO short wave wavemeter.	510-6
423001	6-5	Wash	CO short wave wavemeter.	468-6
423010	6-5	Wash	CO short wave wavemeter.	474-6
423003	6-5	Wash	CO short wave wavemeter.	456-6
418587	6-5	Wash	CO medium wave receiver.	274-6
423002	6-5	Wash	CO short wave wavemeter.	205-6
423005	6-5	Wash	CO short wave wavemeter.	169-6
423007	6-5	Wash	CO short wave wavemeter.	158-6
423004	6-5	Wash	CO short wave wavemeter.	131-6
423008	6-5	Wash	CO short wave wavemeter.	121-6
420834	6-5	Phila	Bath switches.	131-Q-5
423089	6-6	Brook	Phila radio transmitters	898
422497	6-6	Brook	Phila airc radio compass coils	918
422496	6-6	Brook	H Rds airc radio compass coils	918
423101	6-6	Phila	CO porcelain insulators.	354-5
423490	6-6	Wash	CO storage batteries and audion panel.	238-6
423086	6-5	NY	Hoselle Park NJ vacuum tubes	899
393024	6-6	Phila	Phila 30 radio stor batt	918

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Number.	Date.	From or To—	Subject.	
421142	5-27	Wash	Hamp Rds Amplifier & vacuum tubes	736-34
421143	5-27	Anacostia	Hamp Rds Compass control panel, etc	736-34
420520	5-26	G E Co	Hamp Rds Spares for transmitters	736-34
420523	5-26	G E Co	Miami Spares for transmitters	736-36
420521	5-26	G E Co	Rockaway Spares for transmitters	736-39
420525	5-24	Airc Fcty	San Diego Radio storage batteries	736-40
420552	5-26	G E Co	Anacostia Spares for transmitters	736-43
420993	5-27	Washn	Boston radio receivers	898
421146	5-27	Norfolk	Washn radio trans set	898
420985	5-27	South Brooklyn	Washn insulators	911
420669	5-26	Norfolk	Duluth commutator rectifier	793-5
420674	5-26	Wash	Duluth radio appa	793-5
421144	5-27	Rockaway	Hamp Rds Radio vacuum tubes	736-34
421330	5-28	USS CHICAGO	Rockaway Transmitter, receiver, etc	736-39
421329	5-28	Montauk	Anacostia compass coil, wire, etc	736-43
421338	5-28	USS CHICAGO	Anacostia Transmitter, stor bat, etc	736-43
420476	5-28	M Is	CO short wave receiver.	482-6
421155	5-28	Wash	CO two-step amplifier.	309-6
421153	5-29	Wash	NY 30KW arc chamber.	131-6
421149	5-28	Wash	CO medium receiver.	24-X-6
421156	5-28	Wash	Boston 4 radio storage batteries.	1-8-6
421548	5-28	Washn	Radio room Dept. co-per. fly screen	645-26
421150	5-29	Washn	Eureka wavemeter	837
433764	5-28	Washn	Sup. ly radio receiver	898
413764	5-28	Washn	Sm. th radio amplifier	898

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Number.	Date.	From or To -	Subject.	
420944	5-29	Boston	Bridgeport	insulators 911
421348	5-28	South Brook	Norfolk	Genco gas engine 919-1
295049	5-28	Washn	Annapolis	canc SO 4/6/18 920
340153	5-28	Wash	Queensatown	radio amplifiers 787-3
421552	5-29	New London	Fleet Base	excess material radio 876
265153	5-29	Washn	Phila	canc SO 12-17-17 893
421560	5-29	Norfolk	New Orleans	Genco gas eng gen units 919
421349	5-29	Washn	Norfolk	radio material 919-1
261613	5-29	Washn	Bordeaux France	regt. amendment of SO 920
421557	5-29	Phila	Annapolis	testing set for meas resis 920-1
421555	5-29	Wash	NY	two-step radio amplifier. 265-Q-6
421891	5-31	Washn	Norfolk	5 audion charging panels W 824
421879	5-31	South B	Boston	gas engine driven batt unit. W 892-2
420042	5-31	South B	Washn	Sperry transmitter 898
421467	5-31	Phila	Roselle Park Marconi Co	radio receiver 898
421875	5-31	Schenectady	Phila	radio transmitters 918
422091	5-31	"	Phila	450 air vacuum tubes 918
421561	5-31	Phila	N Orleans	three radio compass coils W 919
421561	5-31	Washn	N O	radio receivers etc. 919
421567	5-29	Norfolk	Annapolis	loud speaking telephones 920-1
421878	5-31	Wash	CO	audion control box amplifiers etc. 321-6
421877	5-31	Wash	CO	audion control box amplifiers. 216-6
419001	5-31	Wash	Ford Co	medium wave receiver. 2-Z-6
418352	5-31	Wash	Phila	audion control boxes, amplifiers. 20-X-6
421892	5-31	G E CO	Anacostia	50 vacuum tubes 736-43

Number.	Date.	From or To—	Subject.	
420323	5-23	N London	Orkney Is	radio ammeters 902
419967	5-22	Schenectady	Phila	electrodes 918
419968	5-22	Boston	Phila	90 radiation meters 918
420309	5-23	Schenectady	Phila	samps for radio air transmitters 918
420509	5-23	Washn	Bu Std	radio amplifier 918
420510	5-23	Wahn	Bu Std	radio amplifer 918
420320	5-23	Washn	Great Lakes	one radio receiver 854
420526	5-24	Phila	Chicago	radio telg key 854
420324	5-24	Boston	Orkney Is	24 sets key contacts 902
420516	5-24	Phila	Orkney Is	20 radiation ammeters 902
420517	5-24	Washn	Orkney Is	218 radio batteries 902
416292	5-23	Rockaway Beach	Schenectady	cans 80 5/7/19 918
420518	5-24	Wash	Chicago	radio head telephones 793-5
420527	5-24	Wash	Milwaukee	wave radio receiver 793-5
419271	5-23	N Y	Gloucester	900 clear bulbs 736-
419446	5-23	Gloucester	Boston Yd	Bijur starters, etc. 736-19
419733	5-23	Rockaway	Boston Yd	Tractor propellers 736-19
419754	5-23	Rockaway	Chatham	Tractor propellers 736-33
420852	5-23	Airc Fccty	Hamp Rds	Union engs, radiators, 736-34
417775	5-24	Pensacola	Key West	Hispano Conn. Rods 736-35
417775	5-24	Pensacola	Cocoa-nut Grove	Hispano Conn. Rods 736-35
417775	5-24	Key West	Pensacola	Hispano Conn. Rods 736-35
419743	5-24	Gloucester	Pensacola	Engine material 736-38
419045	5-24	Gloucester	Coco Solo	Lib Eng distributor rotor brushes 736-41

In error - Should be on SHIPMENT REQUEST card.

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Number.	Date.	From or To--	Subject.	
419962	5-22	G E Co	Cape May Spark gap electrodes	736-32
419966	5-22	Boston	Cape May Radiation meters	736-32
419668	5-22	G E Co	Morehead City Spark gap electrodes	736-47
419963	5-22	Boston	Morehead City Radiation meters	736-47
420307	5-23	G E Co	San Diego Spares for transmitters	736-40
420306	5-23	G E Co	Rockaway Spares for transmitters	736-39
419669	5-22	G E Co	Pensacola Spark gap electrodes	736-38
419964	5-22	Boston	Pensacola Radiation meters	736-38
420308	5-23	G E Co	Hamp Rds Spares for transmitters	736-34
419670	5-22	G E Co	Hamp Rds Spark gap electrodes	736-34
419965	5-22	Boston	Hamp Rds Radiation meters	736-34
420305	5-23	G E Co	Chatham Spares for transmitters	736-33
419656	5-26	Washn	Phila radio material W	919
420511	5-23	Anacostia	Bu Std radio amplifier	918
420519	5-26	Phila	Washn radi trans & vacuum tubes	918
420524	5-26	Schenectady	Phila station spares for trans	918
355273	5-26	Bath	Boston transmitting set	152-Q-6
"	"	Boston	Bath " "	"-W-6
420963	5-26	Wash	NY radio receivers.	554-6
420666	5-26	Wash	Manitiwoo Wave radio receiver	793-5
420667	5-26	Wash	Frankfort " " "	793-5
420668	5-26	Norfolk	Cleveland commutator rectifier	793-5
420670	5-26	Norfolk	Calumet " "	793-5
420675	5-26	Wash	Calumet radio appa	793-5

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Number.	Date.	From or To	Subject.	
417641	5-123	Phila	Ports radio apparatus	342-6
417643	5-13	Brook	Ports sound proof receiving booth.	342-6
417644	5-13	Wash	Ports receiving equipment.	342-8
417646	5-13	Phila	CO radio apparatus.	132-6
417394	5-13	FR	Boston amplifier.	169-Q-6
417395	5-13	Wash	CO amplifier	168-Q-6
406455	5-13	Wash	CO amplifier	136-Q-6
417891	5-14	Washn	Pl S Houston audion control boxes	727
416930	5-15	Fleet B	Norff cancellation of SO 5-10	823
416937	5-14	Boston	Washn cane SO 5-12	906
418129	5-14	Phila	Washn special wire 500 ft.	906
417894	5-15	Sayville	Washn 4 german saddle type insul	911
417899	5-14	Phila	Boston three radio trans sets	919-1
418141	5-15	Wash	Ports audion control box.	408-6
418140	5-15	Wash	Ports audion control box. and receiver	389-6
417647	5-13	Wash	CO smoothing coil and condensers.	132-6
417900	5-14	Wash	CO amplifier.	168-Q-6
418128	5-14	Wash	CO amplifier.	132-Q-6
417895	5-15	Phila	Mineola Field radio appr for Sig Corp	727
418440	5-15	Washn	N London radio compass amplifier	918
418319	5-15	Wash	Boston short wave receivers.	499
417897	5-16	Phila	NY sound proof booth.	573-6
418450	5-15	Rock	Anacostia Radio material	736-43

Number.	Date.	From or To—	Subject.	
417849	5-17	Fleet Base	Bu Jtde	radio apparatus 916
418816	5-17	Washn	C.R	radio battery 862-1
418815	5-17	Phila	3. PM Harbor	radio comp coil 919-1
418258	5-17	Wash	Boston	radio receiving outfit. 251-Q-6
418818	5-17	Wash	Boston	audion battery charging panel. 455-6
418455	5-16	Boston	Frankfort	radio antenna 793-5
417270	5-17	Wash	San Pedro	radio appa 761
418456	5-17	Wash	Alpena	wave radio receiver 793-5
418459	5-17	Boston	Manistique	Radio antenna transfer switch 793-5
417896	5-15	Phila	Little Silver	radio telep one set 72 7
418181	5-1 9	Boston	Pearl Harbor	special subterr cable 920-4
395302	5-19	Boston	Squantum	transmitting set. 269-Q-6
418811	5-17	Airc Fccty	Anacostia	Radio receivers 736-43
419304	5-20	Washn	Norf	2 radioselctrs switches 824
394621	5-21	Boston	NNs	transmitting set 183-Q-6
418327	5-20	Wash	NY	radio storage batteries. 1-3-6
417582	5-20	Wash	CO	amplifier (two step) 516-6
419302	5-20	Wash	CO	short wave receiver. 80-Q-6
419303	5-20	Wash	CO	short wave receiving set. 79-Q-6
419373	5-22	Wash	Pt Isabel	radio material 663
419993	5-22	NY	Phila	charging panels 802-1
419981	5-23	Phila	Little Silver	vacuum tubes 727
405322	5-23	Washn	MI	radio batteries 898
419976	5-22	Washn	Annapolis	vacuum tubes 898
420322	5-23	Fleet B	Orkney Is	radio apparatus 902

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Number.	Date.	From or To	Subject.	
416299	5-7	Wash	CO radio apparatus	80-X-6
416306	5-7	Wash	Phila audion battery charging panel.	107-6
415522	5-5	Phila	Hamp Rds transmitters & set spares	736-34
415532	5-6	Wash Yd	Rockaway Radio compass amplifiers	736-39
415128	5-2	Brooklyn	Montauk Radio compass coils	736-37
415533	5-6	Wash Yd	Montauk Radio material listed	736-37
415862	5-5	Phila	Coco Solo Radio storage batteries	736-41
416377	5-8	NY	Washn 2 radio stor batteries	882-1
415850	5-8	Fleet Base	Washn one Telefunken Litzendraht load coil	898
416419	5-8	Brook	Phila quenched spark gap.	323-6
385869	5-9	Washn	H.Rds amendment of	918
403046	5-9	Schenectady	Washn amendment of	918
412039	5-9	Buffalo	Phila amendment of	918
416422	5-9	Rockaway	CHICAGO radiomaterial	158-6
388863	5-9	Wash	CO radio aerial coil	121-6
409835	5-10	N Lond	N Orleans cane of SO 4-15	821
416922	5-10	New Lond	New Orleans 12 radio antenna ammeters	821
416142	5-9	Washn	MI 3 compensator and meters	875
416420	5-9	To S&A	Washn Bu Stds one radio comp amplifier	918
416921	5-10	Washn	Bar Harbor 6 radio storage batteries	920-2
416316	5/10	M Is	USS BEAVER Radio transformer	69-771
416931	5/10	Wash	NY Radio apparatus	699-771

RADIO SHIPMENT REQST

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Number.	Date.	From or To—	Subject.	
416928	5-10	Washn	Guantanamo	radio material 814
416929	5-10	Boston	Guantanamo	transfer switches 814
416930	5-10	Brook	Norfolk	radio material 823
417390	5-12	Brook	P Isabel Tex	spark gap 853
417393	5-12	Brook	Virgin Is	two elec spark gap out 1st lead insul and carbon brushes 863
416937	5-12	Boston	Washn	500 ft spec wire 906
415996	5-10	Guantanamo	H Rds	vacuum tubes 918
416292	5-7	Rockaway Beach	Schenectady	radio transmitters 918
416426	5-9	Anacostia	Schenectady	five radio vacuum 918
416316	5/13	Phila	USS BEAVER	Radio transmitting 69-771
417391	5-12	Wash	New Lond audion control box.	393-6
416424	5-10	Boston	Ports transmitting sets.	342-6
413977	5-12	Wash	Chasn long wave receiver. v	115-6
417392	5-12	Wash	CC one two step amplifier.	117-Q-6
417639	5-13	Phila	Washn	radio transmitting set 840
414052	5-10	Washn	Virgin Island	vacuum tubes etc 863
417396	5-13	Boston	Port au Prince	12 Layden jars 865
417397	5-13	Washn	Port au Prince	12 alena detec renewal 12 carbo renewals 865
416901	5-13	Norfolk	Washn	arc trans apparatus 876
415965	5-12	Brook	Phila	radio apparatus 918
416936	5-12	Phila	Bu Stds Wash	12 radio vacuum tub 918

RADIO SHIPMENT REQUESTS:

Number.	Date.	From or To--	Subject.	
415520	5:3	Wash	Brook radio transm and control boxes.	823
415462	5:3	NY	NI storage bat.	882-3
415287	5:3	NY	Wash radio transm	918
415287	5:3	NY	Phila airc radio transm	918
415294	5:3	Ph	Wash airc radio transm	918
350636	5-2	Buffalo	Phila Excess radio matrl shipt Toronto	736-
350636	5-2	Buffalo	Wash Excess radio matrl shipt Toronto	736-
414733	5-1	Phila	Hamp Rds 1 spool antenna wire	736-34
414738	5-2	Phila	Hamp Rds Transmitters & set of spares	736-34
415137	5-2	G E Co	Key West 5 radio transmitters	736-35
415138	5-2	G E Co	Pensacola 5 radio transmitters	736-38
415136	5-2	G E Co	San Diego 5 radio transmitters	736-40
415139	5-2	G E Co	Morehead City - 5 radio transmitters	736-47
415140	5-2	G E Co	Brunswick 5 radio transmitters	736-49
415519	5-3	Wash	NY control box receivers.	158-6
414444	5-3	Brook	PR Electrode insulators	251-Q-6
414739	5:2	NY	GE Radio transm.	736-34
415288	5:3	Phila	San Diego Airc radio transm	736-40
415286	5:2	NY	Anacostia 5 radio transm	736-43
415289	5:3	Ph	Morehead City 5 radio transm sets.	736-47
415290	5:3	Ph	Brunswick 5 radio transm sets.	736-49
415129	5-2	Wash	Bar Harbor radio storage batteries.	798-5
415521	5-5	Washn	Norf three radio trans sets.	824
415863	5-5	Norf	Washn BUS,ds radio transformer	898
404897	5-5	Phila	Annapolis radio material	707-1

RADIO SHIPMEN REQST

N. S. E. Form 134.

Number.	Date.	From or To—	Subject.	
411432	5-5	Washn	Newport	4 radio rec sets 501
411432	5-5	Washn	Newport	2 audion charg pan "
411432	5-5	Sub Base NL	Newport	1 radio trans set "
415871	5-6	Washn	H.Rds	20 vacuum tubes 864
377378	5-5	Washn	Akron	Genallato SO 12-16 918
387440	5-5	Washn	H.Rds	canc SO 1-22 918
405169	5-5	Bklyn	Phila	amend of Sol-27 918
415535	5-5	Washn	Suffield	wavemeter 918
415534	5-6	Wash	CO receiver	432-6
413578	5-5	Phila	Norfolk compass house and radio compass	22-X-6
413578	5-6	Wash	Norfolk Receivers.	22-X-6
409060	5-6	Wash	Ships listed. amplifier.	496
416296	5-7	Washn	Phila	5a audion con rol boxes 828
416303	5-7	Washn	Pearl Harbor	four radio stor batteries 852
416308	5-7	Fleet Base	Washn	radio telephones and bat charging panel 876
416302	5-7	Bklyn	Washn	one radio trans set 898
416295	5-7	Wash	CO medium wave receiver	551-6
416290	5-7	Wash	NY medium wave receiver.	568-6
409060	5-7	Wash	ROCHESTER amplifier.	496
414377	5-7	Wash	CO medium wave receiver.	300-6
416297	5-7	Wash	CO audion control box	161-6

Number.	Date.	From or To—	Subject.	
413973	4:28	Washington	Colon	rec. batteries amplifiers
409926	4/26	Norfolk	Brast	etc. Boiler tubes
413971	4:28	Washington	New Orleans	one wave rec.
413972	4:28	Wash	Boston	2-step amplifier
413996	4:29	Wash	Bahoa	Radio material
413768	4:28	MI	Darien	20 insul safety strain
413997	4:29	Brook	Haiti	Radio material
413767	4:28	Wash	Boston	Instruc books
413970	4:28	Brook	Phila	Wire
413982	4:29	Hampton Rds	Norfolk	Antenna Wire
414464	4:29	Brook	Rhode Isl	volt bat chrg unit
414454	4-29	Wash	CO receivers and audio control box.	502-5
413983	4-29	Wash	CO medium wave receiver.	408-6
413984	4-29	Wash	CO medium wave receiver.	404-6
413990	4-29	Wash	CO medium wave receiver.	367-5
413986	4-29	Wash	CO medium wave receiver.	339-6
413998	4-29	Wash	CO medium wave receiver.	232-6
411246	4-29	Wash	CO receiver and audio control box	215-8
413989	4-29	Wash	CO medium wave receiver.	161-6
413987	4-29	Wash	CO medium wave receiver.	90-X-6
413593	4-29	VOID	VOID	
413993	4-29	Wash	CO medium wave receiver.	474-8
413994	4-29	Wash	CO " "	407-6
413992	4-29	Wash	CO " "	342-6

SHIPMENT REQUESTS. RADIO 1919

Number.	Date.	From or To—	Subject.	
414727	4-30	Wash	COO radio apparatus.	316-6
413995	4-29	Wash	CO medium wave receiver.	290-6
413991	4-29	Wash	CO medium wave receiver.	132-6
409617	5;1	Wash	NY vacuum tubes.	898
414728	5;1	Wash	Ports radio tubes and chrg panels.	902
39245	5/1	Glouce	Key West Oil tank	629
3178	5/1	Cleve	Glouce arbors and fixtures	629
34900	4-30	Brook	Glouce roller casters	629
32948	4/30	Glouce	Suffield gears & sprocket	629
3768	4/30	New York	Glouce Magnavox transmt.	629
1017	4/30	Brook	Glouce Wattmeters	629-1
W-1001	4/30	Glouce	Brook Orweld unit	529
414737	5-1	Boston	CO hand sending key	106-0-6
414734	5;1	NY	Wash radio trans	918
414723	5;1	Worl	Haiti antenna wire	918
414577	5;1	Va	Charleston storage batteries	919
414732	5;2	Ph	NY trans cond	582-1
414731	5;2	NY	Ph radio trans sets	918
415130	5-2	Wash	CO transmitting set	554-5
414377	5-2	Wash	CO audion control box.	300-6
415132	5-2	Wash	CO two-step amplifier.	263-6
415135	5-2	Wash	Pearl Harbor receivers.	208-6
415127	5-2	Norf	CO transformers.	188-6
415122				

Number.	Date.	From or To—	Subject.	
412595	4-22	Boston	Bar Harbor Maine radio batteries	919-1
412596	4-22	Boston	Appledore Is radio batteries	919-1
412597	4-22	Boston	Princes Neck radio batteries	919-1
412598	4-22	Boston	Watch Hill radio batteries	919-1
412944	4-23	Cape May	Washn Bu Stds radio receiver	736-32
412939	4-24	Wash	NY radio storage batteries.	486-6
413229	4-24	Wash	NY radio receiving apparatus.	181-6
413230	4-24	Wash	NY compass coils and compass horse	681-6
412940	4-24	Wash	NY radio storage batteries.	172-6
412938	4-25	Wash	NY amplifier (two step)	121-6
413227	4-24	Washn	Phila radio stor batteries	882-1
411061	4-24	TEXAS	Anacostia radio receiving sets	918
412937	4-24	SCHENECTADY Phila	six radio airc transmitters	918
412980	4-24	South B	Deer Is One Genco battery charg unit	919-1
412949	4-24	South Brook Bar Harbor	one radio quenched spark	920-2
413237	4-25	Wash	CO medium wave receiver.	578-5
412935	4-26	Brook	Pearl Harbor air radio tel trans sets	727-1
413572	4-25	Washington	Rockaway 6 fixed condensers	736-39
413234	4-25	Washington	Rockaway 5 variable condensers	736-39
350636	4-24	Buffalo	G E Co 8 vacuum tubes	736
412774	4-25	N Y Yd	Gloucester Aviation telephone sets	736-3
413241	5-25	Radioy Va.	Wash. Radio insulators, set	911

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RADIO EQUIPMENT REQUESTS:

Number.	Date.	From or To--	Subject.	
413581	4-26	Wash	Co medium wave receive s.	188-6
413594	4-26	void NY	THIOT void	
413593	4-26	Wash	3rd Dist Long wave receivers.	10-6
413	4-26	NY	REVENUE radio phone batteries	510-8
411878	4-24	Wash	GE 24 vacuum tubes.	918
413233	4-26	Wash	Darien arc relay key	851
413750	4-26	Brook	Boston transmitting sets.	706
356701	4-26	Grt Lakes Phila	radio aircraft transmitters.	707-9
413752	4-26	New Orleans	Charleston 1/2 kw trans set	898
413574	4-26	NY	Phila radio trans	918
413756	4-26	Boston	Charleston one relay key	919-1
413757	4-26	Wash	Boston wave meters and	
413762	4-26	Norfolk	Boston steel tabulars masts	919-1
413769	4-26	Washington	charg units- 919-1 Charleston meters and masts.	919-1
413580	4-26	Phila	Morehead City Radio apparatus	736-47
413577	4-26	Brook	Coco Solo Transmitter & set spares	736-41
413769	4-28	G E Co	Rockaway Transmitters	736-39
413968	4-28	Brook	Rockaway 2000 ft model "W" wire	736-39
413969	4-28	Phila	Rockaway Storage batteries	736-39
413582	4-26	Norfolk	CO radio transmitters.	188-6
413977	4-28	Wash	Chasn radioreceiving equipment.	115-6
413765	4-28	Fleet Supply Base	Wash 5 radio tele	772

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Number.	Date.	From or To--	Subject.	
411223	4-16	NY	Washn	50 radio batteries 918
410891	4-16		CO	audion control box. 321-6
411228	4-16		CO	two-step amplifier. 165-Q-6
410187	4-14	Wash Yd	Norfolk	25 radio batteries 736-19
410675	4-15	Wash Yd	Anacostia	100 ft. steel tubular portable mast 736-43
411226	4-16	G E Co	Anacostia	50 radio batteries 736-43
411227	4-16	G E Co	Hamp Rds	100 radio batteries 736-34
356698	4-15	Bay Shore	Phila Yd	Radio app for stock 736-31
411235	4-17	Washn	Bu stds	condenser 916
410705	4-15		Hampton	Roads CO storage batteries radio 92-Q-6
411243	4-17		Wash	CO radio storage batteries/ v 563-6
411241	4-17		Wash	Co radio storage batteries. 554-6
411871	4-18	Hamp Rds	Wash Yd	1 radio amplifier & 6 vac tubes 736-34
411249	4-18	Washn	Port au Prince	radio material 865
411285	4-18	Washn	MI	radio appr. 898
411159	4-17		NY	circulating pump etc 415-6
411347	4-18		Wash	CO frequency ammeter 563-6
410705	4-18		Wash	N rf radio arc transmitters. 163-6
411745	4-19		Washn	NY radio material 898
411875	4-19	H Rds	Bureau Steam Engr	O o Weston Voltmeter 916
405746	4-19	Boston	Buffalo	10 radii vacuum tubes 918

RADIO SHIPMENT REQUEST.

Number.	Date.	From or To--	Subject.	
411189	4-21	Wash	Rockaway	Perry blinker & buzzer sets 736-39
412046	4-21	Wash	Rockaway	shock proof mtrs for amplifiers 736-39
412045	4-21	Phila	Brunswick	radio insulators 736-49
410074	4-21	Norfolk	G Lakes	radio material 707-9
411781	4-21	Norfolk	Portland	radio Stahl commu rectifier 803
412041	4-21	Boston	Norfolk	radio apor 898
412041	4-21	South Brook	Washn	two electrose insul 911
411681	4-19	NY	Phila	vacuum tubes 918
412039	4-21	Buffalo	Phila	ten radio vac tubes 918
412046	4-21	NY	Washn	six milliammeters 918
412040	4-21	Chi	Ford	radio phones. 2-2-6
412603	4-22	Fleet B Boston		radio receivers 919
40259	4-21	Sayville	Norfolk	cable 920-1
394451	4-21	Sayville	Schenectady	ammeters etc. 920-8
412933	4-23	Wash	NY	radio storage batteries. 455-6
412934	4-23	CO	Wash	radio wave meter. 455-6
412942	4-23	Wash	CO	audion control box. 518-5
412935	4-23	Wash	NY	radio storage batteries. 205-6
412941	4-23	Phila	Washn Bu Stds	radio tel material 918
402050	4-22	Boston	Cross Island	radio batteries 919-1
412593	4-22	Boston	North Truro	radio batteries 919-1
412594	4-22	Boston	Damiscove Is	radio batteries 919-1

RADIO SHIPMENT REQUEST

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Number.	Date.	From or To—	Subject.	
405602	4-10	Gloucester	Quantic spark plugs	761
409510	4-10	Wash	Charleston radio appa	761
409972	4-11	Wash	USS VIXEN receiver & amplifier	466-6
409310	4-11	Phila	European Force Radio quenches spark cap	324-6
409651	4-11	Washn	Mare Island radio amplifier	704
409612	4-11	Phila	Phila Air F ₈ 6 radio transmitters	918
409613	4-11	Brooklyn	Rockaway 6 radio compass coils	736-39
409614	4-11	G E Co	Miami 10 radio transmitters	736-36
409976	4-11	Phila	Miami 10 radio insulators	736-36
407751	4-11	Brook	Mare Island radio apparatus.	123-0-6
408578	4-11	Sayville Washn	radio material	652
409991	4-12	Fleet Base Norf	box, personal property Comr Maddox	876
404057	4-12	Boston Washn	radio trans condensers	882-1
410387	4-12	Washn Room 2432	batteries and vacuum tubes	882-1
401178	4-12	Palo Alto Norf	porcelain insul. (6)	911
409599	4-10	Brook Washn	397 airp radio receivers	918
409990	4-12	Phila	Boston radio compass coil and house	384-6
410193	4-12	Wash	Ports amplifier.	342-6
410381	4-12	Wash	CO audion con box-rec's-amplifier.	274-6
409975	4-11	Wash	CO receiver, audion con box	146-6
410397	4-14	Washn	Newport radio material	822
410694	4-14	Washn	Jupiter radio material	826
410393	4-14	Washn	Schenectady airp recievers and vacu tu	918
410396	4-14	Washn	B u Stds airp radio amplif fier	918

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—	Subject.	
410688	4-14	Wash	NY radio comars receiving equipment.	316-6
410189	4-14	Wash	Boston radio receiving equipment	384-6
409987	4-12	Cape May	Boston radio receivers	736-19
409989	4-12	Wash	Boston storage batteries and instruc books	736-19
409988	4-12	Brooklyn	Boston Radio recvr & stor btry	736-19
410185	4-14	Brooklyn	Phila Radio recvr & stor btry	736-19
410186	4-14	Brooklyn	Boston 50 radio batteries	736-19
410188	4-14	Wash	Phila 25 radio batteries	736-19
409986	4-12	Chatham	Boston 2 radio receivers	736-19
410386	4-14	Wash	Rockaway 3 aircraft amplifiers	736-39
410394	4-14	Wash	Anacostia 1 radio amplifier	736-43
410190	4-14	Brooklyn	Norfolk transmitting set	793-5
410317	4-11	Brooklyn	Liverpool tubes, tele, batteries	793-8
410704	4-15	Wash	Norfolk aircraft radio receiver	92-Q-6
410956	4-15	Norfolk	CO conductor cable	283-6
409310	4-15	Brooklyn	European Forces quenched spark gap	324-6
410888	4-15	Fleet B	Colon radio receivers	808
410885	4-15	Phila	N London radio dynamotor	828
409839	4-15	N London	N Orleans twelve radio antenna arm	821
410877	4-15	Washn	Boston radio amplifier	898
302095	4/16	Wash	CO radio coils	61-771
410890	4-16	Washn	Cavite radio material	806
410878	4-15	Brooklyn	Phila standard cable	906

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Number.	Date.	From or To—	Subject.
406490	4-4	Phil	MI Radio apparatus 123-0-6
407958	4-4	Boston	Cavite radio special ignition cable 806
396910	4-5	Washn	MI radio stor batteries 845
406492	4-3	Boston	MI Radio apparatus 123-0-6
407969	4-4	Fleet Base	Boston three radio stor bat teries 882-1
407451	4-5	Squantum	Ampere N.J. radio motor generator 882-3
407461	4-5	Norfolk	Squantum radio motor gen nator 882-3
364223	4-5	Washn	Norff cane of 30 Nov 2-18 898
407415	4-5	Washn	Norff ten radii storbatteries 898
407971	4-4	South Brook	Phila radio tel spare part boxes 902
406482	4-4	Fleet Base	Washn Bakelite Dilecto etc. 911
405669	4-4	Bay Shore	P h ila tel sets trans etc. 918
407717	4-5	Fleet Base	Onashn radio trans sets 919
407964	4-4	Washn	Onashn wave wavemeter 919
408628	4-7	Washn	San Diego radio receivers 830
400413	4-7	Phila	N.London cane 30 3-8th 861
405751	4-7	Washn	N.Y. cane 30 3-28 898
401250	4-7	Cape Breton	Phila radio transmitters Can 918
405454	4-4	Washn	CO S.W. radio apparatus 23X6
409057	4-8	Phila	Jupiter gas eng batt charg unit 816
408846	4-8	Washn	P Sound radio amplifiers etc 833
407965	4-4	Boston	Astoria Oregon ignition cable 793-5
408631	4-7	Was	Cape May Amplifier 793-5
408866	4-8	Phila	N Y radio compass coil & house 316-6

RADIO SHIPMENT REQUEST.

N.S.E. Form 124.

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Number.	Date.	From or To--	Subject.	
409051	4-8	Brooklyn	Phila Antenna loading coil	515-6
408448	4-7	Wash	USS PAULDING Audion bulb receptacle	337-6
407966	4-4	Boston	Anacostia 600 ft spec ignition cable	736-43
407967	4-4	Wash Yd	Anacostia 1 selector switch	736-43
407972	4-4	Wash Yd	Coco Solo 30 vacuum tubes	736-41
401219	4-4	Mare Island	San Diego 4 radio telephone sets	736-40
407973	4-4	Wash Yd	Rockaway 12 vacuum tubes	736-39
408480	4-7	Wash Yd	Hamp Rds amplifier & short waverecvr	736-34
409049	4-8	Washn	N.Y. 153 radio stor batteries	882-1
409063	4-9	Fleet Base	Phila 75 radio storage batteries	882-1
406629	4-9	Washn	Cleveland wave wavememr	893-4
408833	4-8	Pensacola	NY 10 airplane radio recev	898
409430	4-9	Washn	Boston radio receiver	898
408831	4-8	Washn	Fleet Base fair radio rec vacuum tub	918
409061	4-9	Chincoteague	Norfolk radio batteries	919
409506	4-10	Boston	San Diego 4000 ft sub cable	830
406794	4-10	Glouch	Phila airc radio transmitter	898
409601	4-10	Chicago	Washn 400 radio comp amplifi	898
409435	4-10	Bay Shore	Anacostia 4 radio transmitters	736-43
409603	4-10	Hamp Rds	Fleet Sup Base 5 airplane receivers	736-19
409436	4-10	Wash Yd	USS MELVILLE loading coil	510-6
407170	4-10	Wash Yd	USS DANIS receivers, amplifier, etc	569-6
409065	4-9	Phila	Hamp Rds transmitting set	736-34
409440	4-10	G E Co	Hamp Rds transmitters	736-34
409441	4-10	Wash Yd	Rockaway compass control panels, etc	736-39
409437	4/10	Wash	SHAWMUT radio apparatus	699-771

Number.	Date.	From or To—	Subject.	
406676	3-31	Boston	Llare Island transmitting sets:	836-2-6
530226	3-31	Insp'r FR	Brook amplifiers:	95-2-6
407173	4-1	Brooklyn	Rockaway 36 electrose strain insulators	736-39
407174	4-1	Hamp Rds	Rockaway 6 radio helmets	736-39
405675	3-31	Brooklyn	Rockaway 20 dry batteries	736-39
405676	4-1	Brooklyn	Key West 40 dry batteries	736-35
406618	4-2	Fleet Base	Washn radio apparatus	704
399277	4-2	Wahhn	Manila radio receivers	727
407405	4-2	Washn	Pearl Harbor radio receivers	852
407188	4-2	Washn	Phila radio receiver	898
407189	4-2	Boston	Washn radio trans s.t	898
407190	4-2	Brook	Washn radio trans sets	898
405316	4-1	Brook	Phila winker keys etc.	918
406478	4-1	Washn	Bureau Perry blinker sets	918
405577	3-31	Anacostia	Schenectady radio transmitter	918
407172	4-1	Buffalo	Phila radio helmet	918
406243	4-1	Washn	Rocka Beach tel material	919
406244	4-1	Washn	Sandy Hook "	"
406245	4-1	"	Mantoloking "	"
406246	4-1	"	Cape May "	"
406247	4-1	"	Cape Henlopen "	"
406248	4-1	"	Norfolk "	"
406249	4-1	"	Crash "	"
406250	4-1	"	Cahsn "	"
407277	4-2	"	Bar Harbor Weston voltmeter	"

RADIO SHIPMENT REQST

N.S.E. Form 134.

Number.	Date.	From or To—	Subject.	
407353	4-2	Boston	CG's 308-310-- conductor sub cable Washn..	919
407276	4-2	Phila	Boston Weston voltmeter	919
401864	4-1	Brook	CG spare part box	106-Q-6
398162	3-6	NY	Lake insulators	106-Q-6
406618	4-2	Washn	CG radio appr	704
407700	4-3	Washn	Newport stor batt	822
407183	4-3	Boston	Newport radio antennas	876
403971	4-3	S Brook	Washn canc of SO 3-21	898
406751	4-3	Washn	NY radio receiver	898
404512	4-3	Phila	New Or portable watt meter	916-12
407699	4-3	Washn	NO radio material	916-12
379433	4-2	Schenectady	Washn amend of SO 12-23-18	918
392602	4-2	Washn	NY cancel item SO 2-8-19	918
406169	4-2	Brook	Phila amend of SO 3-27	918
407703	4-3	Norfolk	Phila radio apparatus	323-6
407412	4-3	Phila	NY transmitting set	316-6
407413	4-3	Washn	NY receivers-entering fitting for booth	316-6
396803	4-3	Brook	Phila wave changer	312-6
406433	4-2	Newport	Boston radio amplifier.	126-Q-6
407718	4-4	Phila	S Brook radio trans sets	898
407969	4-4	Fleet Sup Base	Hamp Rds 1 radio mica transmitter	736-34
401674	4-4	NY Yd	Rockaway Magnavox anti-noise phone transmitters	736

Number.	Date.	From or To--	Subject.	
405667	3-27	Wash	Navf amplifier.	163-6
405686	3-27	NY	Managua radio material	858
406253	3-29	GE	CO radio tel equipment	23-X-6
398790	3-31	Boston	Navf	163-6
405752	3-28	Wash	CO short wave meter	90-X-6
406676	3-31	Wash	Mare Is receivers, audion boxes etc	336-Q-6
406080	3-31	NYS	NY searchlight controllers.	76-Q-5
406885	3-31	SHIPMENT REQUEST CARD CO	Phila radio break key.	562-5
404900	3-31	Wash	N Y Storage batteries.	793-8
405166	3-26	Brooklyn	Miami Radio telegraph material	736-36
405673	3-29	So Brooklyn	Cape May 25 dry batteries	736-32
405571	3-29	So Brooklyn	Pensacola 44 dry batteries	736-38
405672	3-29	So Brooklyn	San Diego 32 dry batteries	736-40
405674	3-31	So Brooklyn	Com Solo 20 dry batteries	736-41
397072	3-28	Phila	Washn radio apparatus	707-8
406483	3-29	3 Brook	Port au Prince radio apparatus	865
406200	3-29	Phila	Boston eng driven bat charg unit	882-1
405743	3-28	Washn	MI radio receivers	898
406684	3-31	Washn	MI radio receivers	898
337806	3-28	(SO 9-3-18 Schenectady	H/Rds transmitters reqst cane	918
308529	3-29	(SO 5-22-Phila	Boston radio appr amend of	919
406233	3-29	18 Washn	Boston radio material	919

RADIO SHIPMENT REQST

Number.	Date.	From or To—	Subject.	
406234	3-29	Washn	Bar Harbor radio material	919
406235	3-29	Damsicover Is ^w	Boston radio material	919
406236	3-29	Appledore Is "	Boston radio material	919
406237	3-29	OG 23 Washn	Glouch radio material	919
406238	3-29	Deer Is "	Boston radio material	919
406239	3-31	4th Cliff Washn	Humarock Mass radio material	919
406240	3-31	Prices Neck Washn	Newport radio material	919
406241	3-31	Washn	Montauk Pt radio material	919
406242	3-31	Washn	Fire Is radio material	919
406252	3-29	Wash	Tampa radio receiver & amplifier	793-5
406256	3-29	Norf	Tampa commutator rectifier	793-5
406257	3-29	Phila	Norf battery chg units	793-5
406695	4-1	Wash	Cavita radio receivers etc.	806
406693	4-1	Washn	Newport radio receiver	822
406694	4-1	35Wsooklyn	Washn One Telefunken set	882-3
406679	3-31	Washn	Bath radio material	898
406683	3-31	Phila	Misland radio trans sets	898
406688	4-1	Washn	S Brook vacuum tubes	898
404195	3-28	Fleet Base	Boston radio material	704
406700	3-1	Wash	Boston receiver, control box, amplifier	793-5
407921	3-1	Hpt Rds	Norfolk storage batteries	787-8
406493	3-31	Boston	Ports transmitting sets	109-0-6
"	"	Wash	" receivers, audion boxes etc	"

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Number.	Date.	From or To—	Subject.	
404449	3-22	South Brook	to Norfolk	5 5-KW spark gaps 824
403971	3-21	S Brook	Washn	1 short wave radio receiv 898
394458	3-22	Buffalo	Gloucester	Cmc of 30 2-17-19 918
398808	3-22	Boston	Phila	amand of to 45 tubes (3-12) 918
403696	3-21	Buffalo	Phila	spare parts 918
404447	3-22	Annapolis	Washn	chronograph 920-1
380839	3-22	S Brook	Cayey PR	cooper rod and tubing 920-4
404444	3-22	Brook	Rockaway	36 Electroze strain insulators- 736-39
404445	3-22	Brook	Rockaway	5 radio transmitters 736-39
301664	3-22	Washn	Seattle	amand of 30 April 30th 707-9
399912	3-21	Pitts	NY	radio telg appr cane of 30 823
404511	3-24	NY	M. I.	150 stor abatteries 882-1
383166	3-22	CG 150	Norfolk	one Genco gas eng battery 91 9
404776	3-24	S Brook	Mare Is	radio batt and telephones 902
405164	3-26	Brook	Cape May	Radio Material 736-32
405161	3-26	Brook	Chatham	Radio Material 736-33
405159	3-26	Wash Yd	Hamp Rds	Amplifiers, vacuum tubes, etc 736-34
405165	3-26	Brook	Hamp Rds	Radio Material 736-34
405162	3-26	Brook	Montauk	Radio Material 736-37
405158	3-26	Brook	Rockaway	Radio Material 736-39
405160	3-26	G E Co	Rockaway	6 radio transmitters 736-39

RADIO SHIPT REQST

Number.	Date.	From or To--	Subject.	
404027	3-22	Boston	K West 25 condensers	817
404383	3-25	Phila	NY radio trans set	823
404781	3-25	MELVILLE Phila	Newport radio trans set	822
407426	3-25	Washn	Fleet Base amend of to 50 90 5-17	898
405154	3-25	Norfolk	Boston radio receiv equip	898
405322	3-25	Washn	M Island radio amplifiers	898
405328	3-25	Washn	Puget S radio amplifiers	898
404771	3-24	S Brook	P S radio telp	902
354689	3-25	Brook	Glouch canc of 90 1-15	918
405324	3-25	Schenectady	Lab GE 44 vacuum tubes	918
405325	3-25	Schenes	Phila 62 vacuum tubes	918
405163	3-26	Brooklyn	Rockaway Radio telegraph matrl	736-39
405666	3-27	Wash Yd	Rockaway Receiver, phone plug, etc	736-39
405330	3-27	Akron	Montauk Set of leads adapted to installation of radio trans	736-37
405167	3-26	Brooklyn	Cape May Aviation radio matrl	736-35
405168	3-27	Brooklyn	Pensacola Aviation radio matrl	736-38
405747	3-28	Sayville	Tuckerton antenna wire	920-9
405550	3-27	S Brook	Phila insulators	911
405559	3-27	Bay Shore	Phila 2 sets 50 A head tel	918
401251	3-27	NY	Newport canc 90 3-13	919
204942	3-27	Phila	Europ Forces canc 90 5-18-18	920
405169	3-27	Brook	Phila 200 props	918
405317	3-28	Brook	Washn 340 instruc books	918
405737	3-28	Gloucester	Washn 12 vacuum tubes	918
405753	3-28	Brook	Phila radio motor generator	918

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Number.	Date.	From or To—	Subject.	
403044	3-17	Wash	Hamp Bds Radio compass control panels	736-34
403061	3-17	Phila	NYS radio compasses.	157-Q-6
403057	3-17	Phila	NNS Radio compasses	189-Q-6
403062	3-17	Phila	Cramps radio compasses	206-Q-6
403058	3-17	Phila	N rf radio compasses	252-Q-6
403060	3-17	Phila	NNS Radio compasses	272-Q-6
402517	3-15	Wash	New London audion control box.	420-6
402516	3-15	Wash	CO misc radio apparatus.	412-5
402194	3-15	Ph	Norfolk One radio comp coil	919
403046	3-17	GE Co	Sig Corps Wash. Airc radio trans	918
402508	3-15	Hampton Bds	Bu Stand Wash motor gen	918
403034	3-17	Chicago	MI 75 radio tel	902
400372	3-18	Wash	CO radio amplifier x	570-6
401485	3-18	Wash	Co transformers.	422-6
402524	3-17	Wash	CO audion control box.	377-6
403066	3-18	Wash	Astoria Sta. radio apparatus.	793-5
402196	3-15	Olter Cliffs	Wash. 12 tone traps	920-2
403387	3-19	Wash	CO antenna break key.	563-6
403417	3-19	Wash	NY audion battery charging panels.	2-2-6
403064	3-18	Phila	Lare Island radio compasses.	177-Q-6
312194	3-19	SHIPT CARD CO	Phila telephone wire	109-4
386028	3-19	N Y	C 2 radio appa	771-2
403415	3-19	Wash	C 2 Radio Apoa	771-2
403694	3-20	Wash	Rockaway 36 vacuum tubes	736-39
403695	3-20	Wash	Rockaway 6 vacuum tubes	736-39
403688	3-20	Phila	Anacostia DC voltmeter-hand magneto test outfit	736-43
404009	3-20	Wash	Anacostia 100 ft collapsible steel tubular mast	736-43

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Number.	Date.	From or To—	Subject.	
403410	3-18	Brooklyn	Rockaway Radio compass wire	736-39
403959	3/20	Wash	CO Mercy Amplifier	479-771
403958	3-20	Wash	CO audion control box	544-6
404011	3-20	Wash	CO amplifiers.	510-6
403964	3-20	Wash	Boston radio storage batteries.	1-9-6
403689	3-20	Wash	Boston receivers, amplifiers.	16-K-6
404014	3-21	Gloucester	Rockaway- 25 dry batteries	736-39
404015	3-21	Brooklyn	Rockaway- 1 transmitter with spares	736-39
404013	3-21	Washington	Hamp Rds- 15 vacuum tubes	736-34
331601	3-20	Wash	CO TALAP OSA cane of 30 12-21-18	704
401085	3-21	Wash	CO amplifier.	577-5
403766	3-21	Boston	New Orleans 3 lighting switches.	35-S-6
404018	3-21	W West	St Augustine eleven boxes radio material	834
404975	3-21	N Bond	Wash radio free radio amplifiers	861
401626	3-21	Wash	Virgin Is twenty diaphragms for tel	863
388114	3-21	Brook	Havana radio insulators	881
403971	3-21	Wash	NY radio receiver	898
403960	3-20	Buffalo	Phila radio material listed	918
403961	3-20	Glouch	Norf dry batteries	918
403962	3-20	Wash	Norf radio receivers	918
403963	3-20	Schenectady	Norf radio transmitters	918
308529	3-20	Phila	MI amend of 30 5-22	919
403967	3-21	Brook	Siamconsett radio trans panel	793-5

Number.	Date.	From or To--	Subject.	
401464	3-12	Washn	Washn	2 audion battery charging panels 841
401465	3-12	Tuckerton	Washn	100 rolls paper tape 841
377165	3-13	Phila	N London	box sub sound and sig app 864
401249	3-12	NY	Washn	4 audion control boxes 896
401470	3-13	Washn	N London	vacuum tubes 898
299866	3-12	Washn	Key West	radio transmitters cans 918
398585	3-11	Halifax	Phila	radio transmitters 918
398806	3-12	Boston	Phila	55 vacuum tubes 918
398807	3-12	Schenectady	Phila	45 vacuum tubes 918
401250	3-12	Cape Breton I	Phila	4 airc radio transmitter 918
401453	3-12	Boston	Phila	46 airc radio transmitter 3-12
401246	3-13	Norfolk	NY	radio motor generator 919
401251	3-13	NY	Newport	radio telephone 919
401478	3-13	Phila	Nantucket	portable Weston voltmeas 919
401246	3-11	Nfe	Siasconsett	radio equip 793-5
401247	3-11	Norf	*	radio equip 793-5
401463	3-13	Wash	Boston	radio storage batteries. 1-S-6
401456	3-12	Wash	void	void
402182	3-14	NY	P Harbor	radio trans sets 852
402180	3-14	Washn	P Harbor	radio receivers 852
289295	3-12	Washn	Pensacola	radio appr amend of 918
394090	3-14	Washn	Glouch	vacuum tubes 918
398584	3-11	Phila	Phila	vacuum tubes 918
401252	3-12	Boston	Washn	radio transmitter 918

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Number.	Date.	From or To—	Subject.	
357014	3-14	NY	Westerly Genco gas engine	919
401480	3-13	Brook	Rockaway dynamotors, radio antenna reels	736-39
401479	3-13	Glou	Rockaway Storage batteries, dry batteries, antenna wire vacuum tubes.	736-39
400587	3-14	Wash	OO quenched spark gap.	184-6
35748	3-12	Mass	Glouc 30 interphones.	629
401729	3-14	Washn	CG Washn audion control box amplifiers	70 4
401729	3-14	TALLAPOOSA NY	Washn CG spark gap blower	
401998	3-14	Washn	Siasconsett radio stor battery	802
402001	3-14	Washn	Koko Head T. H. radio selec switch	852
401999	3-14	Assateague Is Phila	radio compass coil	919
402000	3-14	"	Washn radio receiving set	919
401488	3-14	NY	Oakey 700 ft tel cable	920-4
379426	3-14	Wash	Phila receiving set.	140-Q-6
401994	3-14	Wash	Rockaway Receivers & vacuum tubes	736-39
401993	3-14	Glou	Rockaway dry batteries	736-39
401995	3-14	N Y	Rockaway 12 Insulators	736-39
402507	3-15	Wash	Rockaway Vac tubes, dry batteries, etc	736-39
403045	3-17	Wash	Rockaway radio compass control panels	736-39
402506	3-15	Glou	Morehead City Lead-in Insulators	736-47
402506	3-15	Norfolk	Morehead City Mica condenser, phantom antenna resistor	736-47

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Number.	Date.	From or To—	Subject.	
400408	3-8	Wash	New York radio telg material	898
400409	3-7	Glouc	Phila radio material	918
357014	3-8	Phila	Westerly RI radio compass coil	919
400410	3-8	Wash	Westerly radio head telephone etc	919
400415	3-8	Wash	CO two step radio amplifiers (2)	131-5
400181	3-10	Wash	NNs radio trans set.	1654-K-6
400182	3-10	Wash	Phila radio transmitting sets.	1654-K-6
400661	3-10	NY	Fr phones, stor bat, panels.	251-Q-6
400892	3-10	NY	Phila stor batteries	882-1
400893	3-10	NY	Boston radio stor batteries	882-1
399495	3-6	Montauk	Hamp Rds 3 Wind Kites for Antenna	
394829	3-10	Boston	Bath conductor cable: Supports	736-34 75-Q-6
400664	3-10	Wash	CO arc relay key	299-6
40848	3-13	✓ Glouc	Cape May surface plate.	629
40240	3-12	✓ North	Sydney Glouc welding & cutting outfit	629
35933	3-11	✓ I.E. NY	S.O. Ny front door strips for searchlights	629
31454	3-12	✓ Phila	Brook Sperry searchlight.	629
NY 6099	3-12	✓ Brook	Glouc connecting rod tools.	629
2336	3-13	✓ Brook	Miami belting and laces	629-1
NY 101	3-11	✓ Brook	Glouc sockets.	629
400926	3-10	✓ Virgin Is	Haiti lamp fittings.	1-2-21
399053	3-10	Wash	Madrid Spain radio material	652

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Number.	Date.	From or To	Subject.	
401241	3-12	Washn	Mare Is wavemeters	818
397490	3-10	Washn	Newport radio apparatus	822
395137	3-10	Hartford	Washn radio receivers	875
310449	3-11	Washn	NY amend of 305-28-18	898
401068	3-11	Washn	NY radio apparatus	898
401240	3-11	Washn	NY radio apparatus	898
400425	3-10	NY	NY dry batteries	918
400665	3-10	Brook	Phila conductor cable	918
400650	3-11	Wash	Norfolk radio storage batteries.	1-8-6
400566	3-12	Wash	Ford Co. medium wave receivers.	2-2-6
399705	3-12	Wash	CO radio storage batteries.	465-6
400666	3-10	Brook	Cape May, Model H high tension cable	736-32
399496	3-7	Washn	Norfolk Radio amplifier & vacuum tubes	736-34
400667	3-10	Brook	Pensacola, Model H high tension cable	736-38
400669	3-10	Brook	Rockaway, Model H high tension cable	736-39
400666	3-10	Brook	Anacostia Model H high tension cable	736-43
400416	3-8	Boston	Morehead City- Radio material	736-47
400417	3-8	Wash Yd	Morehead City- short wavemeter	736-47
398586	3-3	Brook	Brunswick- Transmitters & insulators	736-49
398587	3-3	Glou	Brunswick- Radio material	736-49
401481	3-13	Washn	Nantucket radio batteries	678
401052	3-13	Wash	Portland radio receivers	803
401081	3-13	Washn	Norfolk radio receivers	824

Number.	Date.	From or To--	Subject.	
38290	3/5	Gloucester	Rockaway Beach tank	629
38595	3/5	Gloucester	Rockaway Beach dump	629
398810	3-4	Wash	Norfolk 5 audion control boxes.	1-5-6
397503	3-4	Wash	Norfolk radio receivers and audion boxes.	169-6
397103	3-5	Wash	Lake Torp Co radio storage batteries.	98-Q-6
398162	3-5	Wash	Lake Torp Co radio storage batteries.	106-Q-6
399237	3-4	Wash	Union transmitting set.	296-Q-6
399483	3-5	Glou	Morehead City, Transmitters, cable, etc.	736-47
399482	3-5	Wash	Morehead City, Receivers & vacuum tubes	736-48
399244	3-5	Brook	Morehead City, 5 wing insulators	736-47
398605	3-4	Elizabeth	Rockaway Beach, radio helmets	736-39
399491	3-6	Radio Sta Washn	Newport radio material for	678
399492	3-6	" Boston	Newport radio material	678
287541	3-6	Hvd University Washn	Boston radio mater conc	707
400176	3-7	Phil	Key West motor and protea devc	817
3999087	3-7	Pitts	NY arc trans equip	823
399498	3-6	Glakes	N. Gardner wave meter	861
295049	3-6	Washn	Norfolk receiver conc of	940
299599	3-6	Washn	Norfolk radio mater conc	854
397014	3-7	Boston	CC Sta 58 westerly radio appf	919
400414	3-8	Washn	New Orleans radio receiver	821
400415	3-8	Phil	Elm spec hydrophone equip	851

Number.	Date.	From or To—	Subject.	
393574	3-1	Naval Observatory Washn	radio apparatus	910
397957	2-28	Glouch Morehead City	radio transmitter	918
398575	3-1	NY Glouch	radio trans etc	918
398583	3-3	Washn Cape Cod	radio receiver	802
397321	3-1	NY Newport	radio transmitter	822
398590	3-3	New Brunswick NY	30KW arc set appr switchboards meters etc	823
398800	3-3	Tuckerton Annapolis	50 type X pdr st insul	920-1
SE 939	3-3	Washn Annapolis	3 audion bulb-recept and 12 vacuum tubes	629
28773	3-3	Phila DeForrest	Radio transmitter	629
398807	3-3	Wash Boston	audion boxes, receivers/ m	1-8-6
397259	3-3	Wash Pug St		482-6
397234	3-4	Portsmouth	One Stahl rectifier	678
396334	3-5	Washn	24 vacuum tubes	707
39073	3-5	Washn NY	radio appr cane	916-1
379188	3-5	Brook Buffalo	radio material cane	918
46185	3/3	Chi. Anacostia	grinder	629
43187	3/5	Cinn North Ft. Worth	Motor	629
46185	3/5	Chi. Morehead City	grinders	629
46185	3/5	Chi. Cane Hay	grinders	629
46185	3/5	Chi. Rockaway Beach	grinders	629
46185	3/5	Chi. Chatham	grinders	629
46185	3/5	Chi. Washington	grinders	629
N 4304	3/6	Harrisburg	Gougeonster	629

Number.	Date.	From or To—	Subject.	
395625	2-19	Washn	CG (C.A.L.) CO radio material	704
396042	2-19	Wash	CO two step radio amplifier.	252-6
395624	2-19	Wash	CO battery charging panel.	579-6
395621	2-19	Wash	CO audion charging panel.	578-6
396308	2-20	Wash	Phila radio storage batteries.	125-Q-6
396041	2-19	Wash	CO audion battery charging panel.	81-Q-6
395628	2-19	Wash	CO audion charge in panel/	80-Q-6
395627	2-19	Wash	CO audion battery charging panel	79-Q-6
395626	2-19	Wash	CO audion battery charging panel.	75-Q-6
395617	2-19	Wash	FR inspr receivers, a c box, amplifier	123-0-6
395307	2-18	Glou	Coco Solo- Transmitters, antenna weights,	736-41
395149	2-18	N Y	San Diego- 40 Dry batteries	736-40
395147	2-18	N Y	Rockaway - 40 dry batteries	736-39
395150	2-18	N Y	Hamp Rds - 40 dry batteries	736-34
395148	2-18	N Y	Cape May - 40 dry batteries	736-32
396323	2-21	Norfolk	Puget S radio telg	678
396324	2-21	NY	Puget S radio	678
396325	2-21	MI	Puget S radio	678
	2-19-20-21	Wash	CO'S audion/battery charging panel	Q'S-6
			SEE VARIOUS DESTROYERS FOR ABOVE SHIFTS.	
354478	2-20	Nor f.	Boston radio receiving equipment.	104-Q-6
394710	2-18	NY	CO electrose entering insulators.	576-6
396451	2-20	Wash	CO audion battery charging panel.	301-6

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Number.	Date.	From or To	Subject.	
396194	2 20	Wash	Phila 4 radio storage batteries.	1-3-6
397639	2-26	Norfolk	Puget Sd radio stor batteries	678
397335	2-25	Washn	Balboa wave meter one short	850
396924	2-25	Washn	LY control boxes audion	898
396925	2-25	Washn	Phila four med wave receiver	898
395362	2-25	Phila	Boston radio compass	443-5
397334	2-25	Wash	CO radio receiver.	383-6
397638	2-26	Norfolk	New Orleans radio tel storage batteries	314-6
383134	2-26	Boston	Glouch conc wire clamps antenna reels	918
396921	2-25	Washn	Lewark L.J gas eng gen set	918
395208	2-24	Washn	Phila radio amplified and bat	919
396916	2-24	Phila	Bstoo radio material	919
398026	2-27	LY	Phila radio batteries	862-1
397970	2-28	Wash	NYS audion battery charging panels.	563-6
397413	2-28	Washn	European F radio head tel phones	898
392601	2-26	Glouch	USL aero Snow amend to include set sp	918
396914	2-24	Wash	Carey RR radio materia	920-4
396602	3-1	Wash	CO two pair radio head phones.	477-6
398580	3-1	Wash	Boston two audion battery charging panels.	182-5

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Number.	Date.	From or To—	Subject.	
394473	2-13	Wash	Ch Signal Off USA Audion control box and condensers	898
394385	2-14	N Y	2nd District Telephone storage batteries	822
394473	2-13	Wash	N Y Audion Battery Charging Panel	823
394618	2-14	N Y	Boston Radio material	843
394096	2-13	Buffalo	Cape May 5 vacuum tubes	736-32
394095	2-13	Buffalo	Rockaway 6 vacuum tubes	736-39
394367	2-13	Washington	Cape Henry Radio apparatus	704
395153	2-17	Wash	Norfolk audion control box.	26-S-6
395155	2-17	Wash	CO short wave wave meters.	551-6
395155	2-17	Wash	NYS receivers.	563-6
394835	2-15	NY	Beth Ship	252-Q-6
388988	2-17	Norfolk	New Orleans tel. storage lat charging panels.	1-S-6
394458	2-17	Curtiss	Gloucester 8 vacuum tubes	918
394459	2-14	Curtiss	Gloucester Apparatus listed	918
394833	2-15	N Y	Gloucester Battery charging unit	918
395142	2-17	N Y	Gloucester 12 vacuum tubes	918
395143	2-17	Glou	Phila 2 storage batteries	918
395144	2-17	Norfolk	Gloucester Phantom antenna	918
395141	2-17	Boston	Wash Morse telegraph keys	898
395327	2-17	N Y	Boston Storage batteries	882-1
393271	2-17	Norfolk	Haiti Radio material listed	761
394089	2-13	Wash	San Diego 60 vacuum tubes	736-40

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Number.	Date.	From or To--	Subject.	
394088	2-15	Washington	Cape May	60 vacuum tubes 736-32
393910	2-12	Washington	Norfolk	Receivers, helmets, etc 918
394084	2-12	Washington	Hamp Rds	60 vacuum tubes 736-34
394087	2-13	Washington	Rockaway	60 vacuum tubes 736-39
394454	2-15	Brook	Wash Yd	150 Priming Batteries 736-43
394837	2-15	Wash Yd	Anacostia	1 short wave wavemeter 736-43
394459	2-17	Brook	Coco Solo	150 Priming Batteries 736-41
394468	2-15	Brook	San Diego	150 Priming Batteries 736-40
394086	2-13	Washington	Key West	60 Vacuum Tubes 736-35
394461	2-15	Brook	Montauk	150 Priming Batteries 736-37
394457	2-14	Buffalo	Pensacola	30 Vacuum tubes 736-38
394456	2-15	Brook	Pensacola	150 Priming Batteries 736-38
394455	2-15	Brook	Miami	150 Priming Batteries 736-36
394457	2-15	Brook	Key West	150 Priming Batteries 736-36
394463	2-17	Brook	Norfolk	227 Priming Batteries 736-34
394093	2-13	Buffalo	Chatham	6 vacuum tubes 736-33
394460	2-15	Brook	Chatham	150 Priming Batteries 736-33
394382	2-13	Philap	Cape May	4 vacuum tubes 736-32
394462	2-15	Brook	Cape May	150 Priming Batteries 736-32
395302	2-18	Wash	FR arc trans set	269-Q-6
395615	2-18	Boston	Blac It Co transmittig sets.	
395208	2-18	Wash	Boston	Radio apparatus 919
395145	2-18	Glen	Wash	Storage batteries 918
345487	2-18	Wash	Crocker-Wheeler	motor generator 882-3
395612	2-18	Wash Yd	N Lond Base	Radio apparatus 861

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Number.	Date.	From or To—	Subject.	
393651	2-11	Glen	Norfolk Insulators	918
393652	2-11	Glen	Norfolk Insulators	918
393653	2-11	Brook	BU SE Insulators	918
394081	2-12	Wash	Montoloking Short Wave Recvr	898
383136	2-10	USS NEW MEXICO	SO Phila Radio relay key	898
393020	2-10	Wash	San Diego Radio material	736-40
393023	2-10	Wash	Miami Radio Material	736-36
393650	2-11	Glen	Hamp Rds Radio transmitters	736-34
393320	2-11	Wash	Cape May Radio material	736-32
393321	2-11	Glen	Cape May Radio material	736-32
393916	2-11	Wash	CO audion control box.	3-X-6
393660	2-11	Wash	Boston audion control box	182-8
392034	2-12	New Lon	CO ammeters, amplifiers, switchboards	360-6
392034	2-12	Wash	CO short wave wave-meter	360-6
383566	2-12	Wash	CO short wave wave-meter	389-6
391901	2-5	Wash	Phila radio material	563-6
387188	2-12	Boston	Chasn radio frequency ammeter	563-6
394014	2-12	NY	Mare Is 50 telephone batteries.	136-Q-6
392107	2-12	Phila	inspr S.O. Phila storage batteries.	574-5
393915	2-12	Phila	San Diego Radio Receivers	736-40
393913	2-12	Phila	Rockaway Radio receivers	736-39
393911	2-12	Phila	Pensacola Radio Receivers	736-38
394086	2-12	Wash	Pensacola Vacuum tubes, batteries	736-38

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Number.	Date.	From or To—	Subject.	
393319	2-11	Gloucester	Montauk	Radio Antenna Wire 736-37
393908	2-12	Brook	Montauk	Nica Protective Device, Ammeter 736-37
394094	2-13	Buffalo	Montauk	Vacuum Tubes 736-37
393912	2-12	Phila	Key West	Radio Receivers 736-36
393655	2-12	Brook	Hamp Rds	Wing Insulators 736-34
393914	2-12	Phila	Cape May	Radio Receivers 736-32
393499	2-13	New London	Key West	radio articles. 1-Z-6
394381	2-13	Wash	New York	Audion control box 823
385962	2-13	Wash	Boston	Long wave receiver 843
393088	2-13	Wash	Chasn	Short wave wave-meter 893-4
394377	2-13	Wash	Phila	Radio material 919
394472	2-13	Wash	Norfolk	Short wave wave-meter 824
393654	2-12	Brook	E J Simon	Wing insulators 918
393919	2-12	Wash	Norfolk	Radio material 918
393919	2-12	Phila	Gloucester	Radio receivers 918
394091	2-13	Wash	Gloucester	Vacuum tubes 918
394092	2-13	Phila	Gloucester	Vacuum tubes 918
394376	2-13	NY Yd	Phila	3/4-KW 32 volt Genco Gas Engine 919
388988	2-14	Wash	Boston	audion control box receiver 1-3-6
394619	2-14	Phila	Beth S B Co	transmitting sets. 251-Q-6
394621	2-14	Phila	NNS	Transmitting sets. 183-Q-6
393648	2-14	Phila	XXX Gramps	trans sets. 155-Q-6
355273	2-14	Phila	Bath	transmitting sets. 133-Q-6
245723	2-14	Phila	NYS	transmitting sets. 125-Q-6

Number.	Date.	From or To—	Subject.	
392597	2-7	Washn	Cape May radi. telg material	731-32
392125	2-7	Washn	Montauk Radio material	736-37
392598	2-7	Washn	Rock Beach Radio material	
392609	2-8	Phila	Assaeteague Isl Radio compass coil	919
392835	2-10	Washn	" " radio material	919
391894	2-7	Brook	Manhattan Elec Co type SE 1170 insulators	918
391896	2-7	Brook	Airc Storehouse Type SE 1170 insulators	918
391900	2-6	Wash	Norfolk Vacuum Tubes	918
392124	2-7	Wash	Bu SE practice buzzers & keys	918
392591	2-7	Brook	Internatl RT Co Type SE 1170 insulators	918
392593	2-7	College	Pt Airc Storeh Radio material	918
391892	2-7	Brook	Manhattan Elec Co Type SE 1170 insulators	918
390501	2-5	Buffalo	Boston Transmitter	918
390502	2-5	Phila	Boston Radio vacuum tubes	918
391893	2-7	Brook	Internatl RT Co Type SE 1170 insulators	918
393311	2-10	Wash	N Y Radio material	898
393312	2-10	Wash	Phila Radio material	898
393315	2-10	Wash	Norfolk Radio amplifiers	898
393322	2-10	Wash	Charleston Radio material	898
393304	2-10	Wash	Buffalo Wave Receiver	898
393305	2-10	Wash	Cleveland Wave Receiver	898
393306	2-10	Wash	Manistique Wave Receiver	898
393310	2-10	Wash	Boston Wave Receiver	898
393021	2-8	Boston	Quantanamo Radio relay key	814

RADIO SHIFT REQTS:

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Number.	Date.	From or To—	Subject.	
390510	2-7	Norfolk	CO long wave receiver.	609 SP
392594	2-7	Wash	Brunswick Recvrs, vac tubes, etc	736-49
392595	2-7	Wash	Chatham Recvrs, vac tubes, etc	736-33
393013	2-8	Wash	Coco Solo Recvrs, vac tubes, etc	736-41
393012	2-8	Wash	Key West Recvrs, vac tubes, etc	736-35
393014	2-8	Wash	Hamp Rds Radio Mterial	736-34
393015	2-8	Phila	Hamp Rds Radio Receivers	736-34
393016	2-8	Glen	Hamp Rds Antenna Wire	736-34
352599	2-12	Phila	Aero Acc Depot Vacuum tubes	918
393656	2-11	Glen	Norfolk Transmitters	918
393657	2-11	Glen	Norfolk Transmitters	918
384733	2-12	Seattle	Airc Storeh Radio Material	918
392600	2-12	Brook	Acc. Depot Insulators	918
392601	2-12	Glen	Acc. Depot Radio Material	918
392602	2-12	Wash	Acc. Depot Radio Material	918
392610	2-12	Glen	Acc. Depot Storage Batteries	918
393019	2-12	GE Co	Acc. Depot Radio transmitters	918
393024	2-10	Glen	Radio Division Airc. Storehouse-batteries	918
393025	2-10	GE Co	Norfolk Radio transmitters	918
393026	2-11	GE Co	Norfolk Radio transmitters	918
393027	2-10	Airc Fcty	Norfolk Radio receivers	918
393316	2-10	Airc Fcty	Norfolk Radio receivers	918
393317	2-11	Glen	Norfolk Storage Batteries	918

Number.	Date.	From or To—	Subject.	
388588	1-31	Norfolk	Phila 1 set antenna fittings	407-6
389694	1-30	Wash	NY two-step amplifier.	323-6
389372	1-30	Norfolk	Chasn 120 volt radio storage Bat.	254-6
385506	1-29	Wash	Co apparatus listed.	553-6
390516	2-1-19	Wash	Phila interfleet radio key	553-6
322198	2-3	Wash	AEF France radio appr 10 batteries	ganc 727
390515	2-3	Wash	Boston Interflit radio break key.	182-6
391745	2-3	NY	CO radio loading coil.	290-6
388587	1-31	Norfolk	Boston set antenna fittings.	182-6
388585	1-31	Norfolk	NY 6 set antenna fittings.	131-6
390511	2-1	NY	Chasn radio phones etc	807
391742	2-3	Wash	Chasn 1 wave absorbing circuit	807
390387	2-3	NT	M Is radio storage batteries	582-1
390071	1-31	Norfolk	Bu Stds 2 Navy std radio transformers	916
388590	1-28	Curtiss	Rockway airc radio transmitters	736-39
391738	2-3	Phila	Montauk radio compass coil	919
391740	2-3	Wash	Montauk radio compass coil	919
391742	2-3	Montauk	Montauk radio comp coil	919
390063	1-31	Curtiss	Glouch 31 arc radio t rans	918
390080	2-1	Wash	Pensa radio appr 5-10-17	
390387	2-3	NY	22750 5 ganc	918
390511	2-1	NY	MIS 6 radio stor bat	532-1
391742	2-3	Wash	Chasn radio phones stor bat charg	807
388128	1-29	Wash	panels	807
			Chasn 1 wave absorb circuit	807
			GL 15 med wave receivers	898

919

Number.	Date.	From or To—	Subject.	
388124	1-30	Boston	Am. Rad and Re Co	radio emerg transmitter 898
390076	2-1	Washn	PIE SYLVANIA	6 interfleet radio br keys
388913	1-29	Curtiss	Hamp Rds	aire radio-receiv hel 898 730-34
389613	2-4	Washn	Ft S Houston Tex	radio material 727
391493	2-5	Boston	Norf Transmitting set	251-6
391104	2-5	Wash	CO uni-wave absorbing circuit.	130-6
370059	2-5	Wash	NY Transmitting set.	90-X-6
390354	2-5	Wash	CO 1.5-step amplifier.	162-Q-6
391538	2-6	Wash	Co receiver and amplifier	384-5
391898	2-6	Wash	CO radio equipment	408-6
391112	2-7	Phila	New London vacuum tubes	918
391895	2-7	Brook	E.J. Simon 15 insulators.	918
391899	2-6	Wash	Norf vacuum tubes 110.	918
392115	2-7	Wash	Hog Island batteries head phones etc	919
392121	2-7	Phila	Cape Hatteras radio compass coil complete	919
392123	2-7	Wash	Cape Hatteras head phones, hydrometers etc.	919
391891	2-7	Phila	Cape May	radio materi 736-32
391897	2-6	Phila	Cape Henry	radio material 824
391492	2-5	NY	radio va	4 electrose strai insu 841
389884	1-31	Norf	Cape Henry	radio tel batt 902
390644	2-4	Washn	Keyport	radio material 918
387104	2-4	Brook	Phila	radio telg materi 918
388914	1-29	Brook	Washn	radio telg book 918
389386	1-30	Buffalo	Ft London	radio telg mater 918
389388	1-30	Schoeplady	Ft Monroe	radio trans 918
390501	2-5	Buffalo	Boston	radio transmit 918
390502	2-5	Phila	Boston	radio vacuum tubes 918

RADIO SHIPMENT REQUESTS

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Number.	Date.	From or To—	Subject.	
388593	1-28	Phila Miami	10 aircraft radio transmitters	736-6
388590	1-28	Curtiss Rockaway	2 ditto	736-39
388597	1-29	Phila Pensacola	24 ditto	736-39
388596	1-29	Phila San Diego	15 ditto	736-40
388595	1-29	Phila Coco Solo	15 ditto	736-41
388592	1-28	Phila Wash	10 ditto	736-43
388905	1-28	Hamp Rds Anacostia	5 mica condensers	736-43
386493	1-27	Phila Rockaway Beach	1 radio compass coil-switch-control	918
388907	1-28	Gloucester TEXAS	10 storage batteries	918
388909	1-28	Anacostia TEXAS	insulators helmet etc	918
389354	1-28	GE TEXAS	5 aircraft radio transmitters	918
389355	1-28	Phila TEXAS	vacuum tubes-aircraft radio transmitters-dynamotor	918
389356	1-28	Wash TEXAS	aircraft receivers etc	918
388665	1-29	Bu Standards GE	1 photo recorder	909
388580	1-27	NY Chas	radio phones-storage batteries-battery charging panel	902
388128	1-29	Wash GL	15 medium wave radio receivers	898
389703	1-29	Phila Boston	radio compass coil	813
387371	1-29	Wash Phila	1 2-step radio amplifier	828
389692	1-29	Wash Chas	1 medium wave receiver	807
389692	1-29	Wash Chas	1 audio control box	807
388366	1-28	NY Beth	5 bottom entering insulators	787
380878	1-28	NY Lisbon	4 radio trans sets comp	787-8

RADIO SHIPMENT REQUESTS

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Number.	Date.	From or To—	Subject.	
388337	1-30	Phila	Gloucester material for radio re-	
389689	1-30	N Brunswick	Annapolis pair ~~antenna~~ shop antenna insulators	736-1 920-1
388124	1-30	Bost	Am Radio Research Lab-1 1/4KW radio emer gency transmitter	898
390076	2-1	Wash	PENNSYLVANIA 5 interfleet radio break keys	898
390072	1-31	NY	De Forest Radio Co 1 2-KW radio motor generator	862-3
390454	2-1	Norfolk	M Is 1-3 120 volt radio storage batteries	882
345915	1-29	Balboa NY	15th Dist Radio app for station	851
388606	2-1	Little Bldg Wash	Bost 1 2-step radio amplifier	843
389703	1-29	Phila	Boston 1 radio compass coil	843
390069	1-31	NY	Norfolk 1 5 KW radio transmitters	824
389690	1-30	Belmar	New Navy Bldg 5 boxes French radio app	980
388605	1-31	Research Lab Bu Standards	GE avi material	919 (915)
389357	1-30	Curtiss	Care May 2 aircraft radio transmitters	736-32
388913	1-30 23	Curtiss	Hamp Rds- aircraft radio receivers etc	736-34
390049	1-31	NY	Hamp Rds 12 balloon kite phones sets	736-34
389697	1-30	Belmar	Wash 10 storage batt ries	841
390511	2-1	NY	Chasn radio phones-storage batteries	807
389358	1-29	Curtiss	Montark 2 aircraft radio transmitters	736-37
388910	1-29	Curtiss-Coco	o-Solo 2 ditto	736-41
388911	1-29	Anacostia Curtiss	Wash radio material	736-43
389359	1-29	Curtiss	Brunswick GA 3 aircraft radio transmitters	736-49
390062	1-31	Wash	Co receivers and amplifiers.	422 - 6

Number.	Date.	From or To--	Subject.	
377238	1-23	Wash	Ford 8 medium wave receivers	2-2-6
387454	1-23	Wash	S.O. NY Radio equipment.	567-6
347338	1-23	NY	IN Co 7 radio trans sets.	181-Q-6
387697	1-23	Wash	Crumsp 8 audion bat charging panels	149-Q-6
386491	1-20	Wash	Astoria Oregon 1 long wave receiver	792-5
387201	1-22	Wash	Rockaway 1 short ditto	919
387455	1-23	Comp Stations Phila	Bost 4 radio compass coils	919
387456	1-23	ditto Wash	Bost 4 short wave receivers	919
387439	1-22	Phila	NY Radio compass coil-house	
387443	1-22	Wash	NY 1 radio compass receiving	823
387185	1-21	Norfolk	Guantanamo Bay 1 long wave receiver	814
386826	1-23	Wash	Annapolis 1 audion control box	820
387458	1-23	NY	Chasn Radio phones-batteries etc	807
387459	1-23	Wash	Chasn Long wave receivers etc	807
387695	1-23	Bost	Chasn 1 radio transmitting set	827
387188	1-24	Boston	Chasn aux radio trans set.	563-6
388034	1-24	NY	Mars Island 24 storage batteries.	136-Q-6
387461	1-23	Phila	Wash 10 Dynamotors 12 vacuum tubes	726-43
380878	1-24	Wash	Lisbon Portugal 4 radio receivers	793-8
388460	1-23	Glo ucester	Hamp Rds- 5 Radio transmitters-wing clamps	
388125v	1-24	NY	Pg Sa 15 radio transmitting sets	898
388137	1-25	Norfolk	CO Radio fittings.	422-6
388121	1-24	Phila	NY radio compass and compass house.	3-X-5
388954v	1-29	Phila	Key West 15 aircraft radio transmitters	736-35

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SHIPMENT REQUESTS

Number.	Date.	From or To—	Subject.	
386126	1-24	Wash	Point Island radio material	898
356708	1-20	Schenectady	Boston radio tlg material	918
357014	1-25	Mine Sweepers Wash	CO radio a. r	919
386492	1-19	Phila	Rock Beach radio material	919
379973	1-27	Wash	CO audion control box O-13	590-8
388133	1-25	Wash	NY radio equipment	567-6
386473	1-25	Phila	NYS	563-6
388129	1-27	Wash	NY amplifier	477-6
388585	1-27	Wash	Norfolk two port field radio sets.	422-6
387712	1-25	Wash	S.O. NY radio apparatus.	130-6
388579	1-27	Phila	Wash 30 vacuum tubes	918
388599	1-27	Wash	GE 2 generators signal Corps t. po	919
388127	1-27	NY	GL 15 1/2 KW radio transm sets	898
388130	1-25	NY	Manoloking NJ 1 Delco battery charging unit	898
388582	1-27	NY	Marf 1 Delco Battery charging unit	882-1
386279	1-25	NY	Port Au Prince insulators	865
387850	1-27	Gloucester-San Diego	Ignition cable lock clips for spark plug terminals	7-6-40
388578	1-27	Phila	Pensacola 50 vacuum tubes	7-6-38
388908	1-28	Wash	Annapolis 6 variable condensers	920-1
389360	1-28	Wash	Co radio apparatus.	571-6
387764	1-28	Wash	Co various radio articles.	563-6
387505	1-29	Wash	Phila radio buzzer trans set.	563-6

SHIPMENT REQUESTS:

Number.	Date.	From or To--	Subject.	
357615	12-27	Phila	Cramo 4 complete receiving sets type 995	143-Q-6
379171	12-23	Bost	Bu Standards	1 aircraft radio transmitter 918
379563	12-23	Wash	ditto	8 vacuum tubes 918
379934	12-24	Brook	Gloucester	4 spools antenna wire 918
379947	12-27	v Wash	Dist Comm NY	1 short wave receiver 876
380554	12-27	Phila	ditto	1 sht wave radio trans set 876
379556	12-23	GE	N Lon	2 aircraft radio trans 861
379665	12-23	Gloucester	N Lon	4 storage batteries 861
379608	12-30	SEE SHIPT RHTS	Gloucester Cocoa Nut grove	Spur gear drives and tachometer shafts 736-36
380052	12-31	ditto	Gloucester Miami	Tachometers-Snaffs-Lib 736-36
380963	12-28	troop trans Wash	NY	angle drives radio equipmt 718-771
381037	12-30	M. Brunswick	- Annapolis	1 long range wave meter 920-1
379933	12-27	Wash	Miami	10 dry batteries 736-36
381044	12-4-30	Phila	Miami	1 battery charging unit 736-36
381045	12-30	Wash	Miami	1 Audion battery charging panel 736-36
379938	12-27	Akron	Gloucester	1 aircraft radio transmitter 736-34
380969	12-30	Phila	Coasters Harbor Nport	battery charging unit 822
381043	12-30	Wash	ditto	1 audion battery charging panel 822
381030	12-30	troop trans Phila	NY	radio compass coils-switches - controls 813-771
380569	12-28	Phila	Mare Is.	radio apparatus 496
381355	12-31	Wash	LEVIATHAN	radio apparatus 35-X-6
381353	12-31	Phila	Norf	radio apparatus 1-X-6
372765	12-28	NY	Wash	radio apparatus 283-6

RADIO SHIPMENT REQUESTS

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Number.	Date.	From or To—	Subject.	
381032	12-30	NY	NY radio apparatus	11-3-6
381046	12-30	Elizabethport, NJ	NY radio apparatus	11-3-6
379423	12-26	Phila	News S.Co. radio apparatus	181-0-6
381035	12-30	Hamp Rds	Wash 4 storage batteries	736-43
380968	12-31	transports Wash	Norfolk radio app	607-771
380815	12-23	Wash	Manoia NJ 1 audion bulb receptacle	864
381360	1-2	Phila	Bu Standards 1 radio compass coil	916
381360	1-2	Radio Lab	Wash Bu Standards 1 2-stop amplifier-1	
381361	1-2	and return	Wash short wave receiver-	915
381446	1-6	Pensacola	Wash radio app for repairs	736-38
382187	1-5	Wash	Coco-Solo Radio App	736-41
382587	1-5	NY	Moorhead City ditto	736-47
382194	1-6	Phila	NY 3 radio compass coils and	823
382587	1-6	Phila	Norfolk ditto	824
391904	1-8	Wash	Wash 10 mica transmitting condensers	839-1
382596	1-8	Wash	Hamp Rds- aircraft radio receiver-vacuum	736-34
382598	1-8	Wash	Anacostia tubes-dry batteries	736-43
382599	1-8	Post	Wash radio transmitters-vacuum tubes	736-43
382600	1-8	Brook	Wash 3 aircraft radio transmitters	736-43
383122	1-8	Wash	Hamp Rds vacuum tubes-dry batteries	736-34
383123	1-8	c Gloucester	Hamp Rds 6 aircraft antenna reels	736-34
383568	1-10	VOID		
383576	1-10	Wash	Gloucester 3 Sperry Co aircraft radio	918
380572	1-10	Norfolk	Cape Hatteras 1 genco 3/4KW battery	914
			charging unit	

RADIO
SHIPMENT REQUESTS.

Number.	Date.	From or To—	Subject.	
376496	12-19	NY	Mare Is. radio apparatus	106-8
377564	12-17	So Brook NL	radio material	1-2-21
377156	12-14	Phila NY	radio apparatus	22-X-6
377171	12-14	Wash NY	radio apparatus	22-X-6
378027	12-19	Gloucester Wash	12 antenna reels	736-43
377702	12-17	Brook Wash	1 spool antenna wire	736-43
377703	12-18	Gloucester Wash	12 12-volt storage batteries	736-43
378020	12-18	Wash Anacostia	4-6-volt storage batteries	736-43
378021	12-18	Brook Wash	12 lead out insulators	736-43
378022	12-18	Brook Wash	12 wing insulators	736-43
378023	12-18	Brook Wash	12 strut insulators	736-43
378024	12-18	Phila Wash	3 afloat radio transmitters	736-43
378025	12-19	Gloucester Hamp Rds	24 12-volt storage batteries	736-34
376148	12-10	Wash Co	Amplifiers-receptacles and storage battery.	490-8
377172	12-14	NY Staten Island	Radio trans set.	44-3-6
370495	12-13	Pug Id Wash.	Radio amplifiers.	440-6
377164	12-16	Wash FR	Receivers audio control boxes amplifiers.	78-0-6
374303	12-23	Wash CO	1/4 field radio set.	274-6
379417	12-23	Wash CO	Radio articles complete Misc	490-6
379428	12-23	Phila FR	five radio compasses complete.	170-Q-6
379427	12-23	Phila Cramp	6 radio compasses complete.	152-Q-6
379414	12-23	Wash Cramp	one set receiving apparatus.	147-Q-6
379027	12-23	Boston Bath	3 - 5kw trans sets	132-Q-6

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Number.	Date.	From or To—	Subject.	
379419	11-23	~~TEXAS~~ Brook	NY-Italian Minstry 1 SE-1100 with spares	793-8
377264	11-21	flying boats Boeing Co	San Diego instruments	736-40
379168	12-21	Norfolk	Wash 1 aircraft radio transmitter	736-43
379426	12-24	Phila	M Is 5 radio compasses.	140-Q-6
379538	12-24	Wash	NY one 2 step radio amplifier.	108-6
379591	12-24	Phila	Cape May Seaplane interphone sets	736-32
37918873	12-23	Bost	Wash 2 aircraft radio transmitters	736-43
379132	12-23	GE	Wash ditto	736-43
379664	12-23	Wash	Anacostia 16 vacuum tubes	736-43
379932	12-24	Wash	San Diego 1 short wave wavenster	736-40
378842	12-24	Wash	SAN FRANCISCO 1 radio buzzer instrn set	898
379666	12-23	GE	N Lon 2 aircraft radio transmitters	861
379162	12-21	Phila	Bordeaux pipe fittings	920
377685	12-21	Bar Harbor	Wash 8 long wave receivers and audion control boxes	920-2
379435	12-23	Wash	Annapolis 1 30 m.h. Loading coil	920-1
379418	12-23	Cape May	Gloucester radio transmitters	918
379420	12-23	GE	Wash 2 aircraft radio transmitters	918
378860	12-20	Wash	Gen Radio Co 12 vacuum tubes	918
379166	12-21	Brook	Insp'r Buffalo Cable as listed	918
379167	12-21	Brook	Gloucester Radio material	918
379170	12-23	Bost	Gloucester w aircraft radio transmitters	918
379860	12-26	Wash	Co medium wave receiver type SE 1220	272-6
380559	12-27n	Boston	Mare Island 12 - 5kw radio trans sets	314-Q-6
380558	12-27n	Boston	Cramps 10 5-kw trans sets	206-Q-6

Number.	Date.	From or To—	Subject.	
375166	12-7	~~XXXXA~~ Phila	Norfolk 1 radio compass coil	824
375167	12-7	Wash	Norfolk Radio app for V.G. Sta 155	824
3751252	12-7	NY	Phila 2 LW 120 volt radio transmitting sets	828
375164	12-7	Sayville	Pearl Harbor 20 Porcelain rods for insu	852
375003	12-6	Brook	Curtiss 16 fly boat radio trans	918
375005	12-7	Wash	Bu Salmadras 2 ditto	918
375154	12-7	NY	Akron Bakelite sheets as listed	918
375410	12-9	Wash	Lafayette 1 long wave wave meter	920
375163	12-9	N Brunswick	Annapolis 60 Porcelain tube insulators	920-1
375409	12-9	Wash	Vladivostok 1 long wave wave meter	920-13
371674	12-5	Wash	SE NL radio mat'l	861
370327	12-5	Phila	Haiti radio apparatus	761
170127	12-5	Phila	Haiti radio apparatus	761
371674	12-5	Wash	NL radio apparatus	861
375163	12-9	Wash	Wash radio apparatus	840
375161	12-9	NY	Wash radio apparatus	840
375164	12-9	B. of St. Louis	Wash radio materi l	919
375168	12-10	Wash	Annapolis radio materi l	920-1
376144	12-11	Cavite	Cavite 250 vacuum tubes	806
376388	12-11	Newport	NY Newport 5 transmitting sets	822
376389	12-11	Portsmouth	NY Ports 10 transmitting sets	832
375187	12-12	Airplanes	NY Akron dry batteries	918
375819	12-10	Wash	Hamp Rds- Transformers and batteries	736-34

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Number.	Date.	From or To	Subject.	
376153	12-11	So Brook	Pensa 60 vacuum transmitting tubes	736-38
376582	12-14	Gloucester	Pensacola 25 Natl Meter Thermometers	736-38
376844	12-13	Destry's listed Phila	Crampa 4 radio compasses for	919
376643	12-13	Brook	Curtiss Garden City 2 SE 1100 flying boat	918
376644	12-13	Boat	ditto radio transmitters	918
376647	12-13	Wash	ditto 5 vacuum transmitting tubes	918
376649	12-13	Wash	Curtiss Buffalo radio app as listed	918
376850	12-13	Gloucester	Hamp Rds- 20 antennas reels	918
377168	12-14	NY	Todd Ship Yds 4 1 KW radio transmitting sets	898
377169	12-14	Brook	Wash 24 lead out insulators	736-43
377170	12-14	Gloucester	Wash 24 antenna reels	736-43
377364	12-14	Wash	Anacostia 12 6 volt storage batteries	736-43
377167	12-14	Phila	Norf Radio compass coils-Switches	824
376395	12-12	Wash	N Lon 2 controls	861
375004	12-7	Wash	Cape May 2 airplane compass receivers	736-32
375156	12-7	Brook	Pensacola 30 flying boat radio trans	736-38
376394	12-12	Wash	Pensacola 32 Vacuum trans tubes	736-38
377373	12-16	Wash	Pensacola 30 airplane compass receivers	736-38
377365	12-14	Sub Base	N Lon radio app as listed	898
376390	12/11	ANTIGONE MERCURY	Norf ditto	824
378595	12/19	NY	Key West Five transmitting sets.	817
375187	12/12	Wash	Transatl Office 4 - 5 incutance coils.	841
		NY	Akron 24 Batteries.	918

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—	Subject.	
377165	12/16	Wash	Cape May. 3 - 100 ft Steel masts.	864
377376	12/16	Wash	Akron. 25 Batteries.	918
377692	12/17	Assateague, VA	Wash. 1 radio storage battery.	919
377693	12/17	Wash.	Assateague Va. 1 Radio storage battery.	919
378014	12/17	Tuckerton	Annapolis. 20 type porcelain insula	920-1
378327	11/24	Washington	Shipment of decometer to GL	854
377695	12-17	Brook	Rockaway 1 spool antenna wire	736-39
377701	12-17	Brook	San Diego ditto	736-40
377696	12-17	Brook	Pensacola ditto	736-38
377699	12-17	Brook	Miami ditto	736-36
377700	12-17	Brook	Key West ditto	735-
377379	12-17	Brook	Hamp Eds ditto	736-34
377696	12-17	Brook	Chatham ditto	736-33
377697	12-17	Brook	Cape May ditto	736-32
~~377377~~	~~12/16~~	~~Wash~~	~~Phila~~	~~898~~
378016	12/18	Wash	Phila 540 Vacuum tubes CW 933 & 931	898
376397	12/16	Wash	Akron Telas, tubes, batteries.	918
377377	12/16	Phila	Gloucester 250 batteries.	918
377380	12/18	Boat	Wash. 1 radio transmitter.	918
~~377698~~	~~12/18~~	~~Wash~~	~~Cape Henry~~	~~919~~
377698	12/18	Wash	Cape Henry 1 radio storage battery.	919
378018	12/18	Wash	NY Receivers, 2 amplifiers, batteries	919
378028	12/18	Phila	NY 6 ~~1~~ radio compass, switches, etc.	919

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RADIO REPAIRS

Number.	Date.	From or To—	Subject.	
37450	12-6	Wash.	101 St. T.V.	radio apparatus 736-5
37451	12-4	Brook.	Worcester	radio apparatus 918
37452	12-7	NY	PS	storage battery 882-1
37453	12-6	Wash	SF	radio apparatus 812
37454	12-5	Phila.	Com. Office, Wash	radio apparatus 841
37455	12-4	Wash	N.Y. Dept. of H	radio apparatus 841
37456	12-6	Wash	NY City	radio apparatus 845
37457	12-6	Wash	San Diego	radio apparatus 880
37458	12-6	Wash	Guam	vacuummeter 813
37459	12-9	Exp. Sta.	Fort Worth	1 metal vacuum container 736-12
37460	12-7	Wash	Cape May	32 vacuum transmitting tubes 736-32
37461	12-7	Wash	Chatham	32 ditto 736-33
37462	12-7	Wash	Hamp Rds	48 ditto 736-34
37463	12-7	Wash	Key West	32 ditto 736-35
37464	12-7	Wash	Key West	1 shotr wave wave meter 736-36
37465	12-9	Wash	Miami	Vacuum receiving tubes 736-36
37466	12-7	Wash	Miami	32 Vacuum transmitting tubes 736-36
37467	12-7	Wash	Pensa	32 ditto 736-38
37468	12-7	Brook	Pensa	30 Flying boat radio trans 736-38
37469	12-7	Wash	Rockaway	32 ditto Vacuum transmitting tubes 736-39
37470	12-7	Wash	San Diego	24 ditto 736-40
37471	12-9	Wash	Chash	radio apparatus 131-Q-1
37472	12-7	Wash	San Pedro	radio apparatus 497
37473	12-7	Wash	CO PENN	radio apparatus 130-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—	Subject.	
372556	11-29 ?	Inspr Brook	Gloucester transmitters & generator sets	918
372548	11-27	Phila	Boston One Bellini Tosi radio direction finder	919
370327	11-18	Wash	San J un Santiago-Antennae guy ropes etc	761
347848	11-27	NY	Cardiff Wales allowance of radio repair material	737-34
373039	11-30	Brook	Chatham -100 Steam lined antenna weights	736-33
372793	12-1	Gloucester	Hamp Rds Hispano-Suiza engines and spares	736-34
373331	11-30	Wash	Coco-Solo 1 Audion Control box complete	736-41
373030	11-30	Bost	Miami Tele relays-sounders etc	736-36
373033	11-30	Bost	Miami ditto	736-36
373035	11-30	Wash	Miami Storage batteries and audion charging panel	736-36
373036	11-30	Wash	Miami 4 radio storage batteries	736-36
373040	11-30	Brook	Montauk 100 Steam lined antennae weights	736-37
373335	12-2	Brook	Coco-Solo 48 Steam lined antennae weights	736-41
373336	12-2	Brook	San Diego 75 ditto	736-40
373334	12-2	Brook	Pnesacola 100 ditto	736-38
373337	12-2	Brook	Gloucester 100-ditto	918
373543	12-2	C.G.Sta 23 Phila	Bost 1 radio compass coil	919
373552	12-2	28 Phila	Bost ditto	919
373552	12-2	97 Phila	NY ditto	919
373042	12-2	Brook	Cape May 200 stream lined antenna weights	736-32
373043	12-2	Brook	Hamp Rds 200 ditto	736-34
373044	12-2	Brook	Miami 75 ditto	736-36
373045	12-2	Brook	Key West 50 ditto	736-35
373041	12-2	Brook	Rockaway 200 ditto	736-39

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—		Subject.		
372563	11-30	SUBMARINES	Wash	NL	radio mat'l	497
372564	11-29	SUBMARINES	Boston	NL	transmitter	497
372852	11-30	TEXAS	Wash	NY	500 century buzzers	132-6
372766	12-2	DELAWARE	Phila	Boston	radio booth	182-6
373032	12-2	SUBMARINE	Wash	London	one audion control box	401-6
373543	12/2	Coast Cd. Sta.	Phila.	Bost.	r.d. compass coil	919
373544	12/2	ditto	Phila	Bost	ditto	919
373544	12/2	Cherry Stone Is.	Phila	Cherry Stone Is	r.d. compass coil	919
373545	12/2		Phila	Sullivan Is.	r.d. compass coil	919
373904	12/2		Phila.	Chasen	r.d. compass oil	919
373532	12/2		Wash.	Alton	insulating rings	918
373542	12/2		NY	Bost.	b.t. charging unit	898
373541	12/2		NY	Bost.	b.t. charging unit	898
373540	12/2		Nor.	Chasen	b.t. charging unit	898
373539	12/2		Nor.f.	Chasen.	b.t. charging unit	898
373538	12/2		Nor.f.	Cherry Stone Is.	b.t. charging unit	898
373906	12/3		Wash	Hamport	steel masts	622
329266	12-4	TBDS	Norrf	CO	4 storage batteries	119-Q-6
374326	12-4	TBDS	Wash	CO	amplifier & head tele-phones	143-Q-6
348402	12-3	MINE SWEEPERS	Balto	M Is	2 transmitting sets	43-S-6
348735	12-3	MINE SWEEPERS	Insp'r Staten Is. SB Corp	M Is	2 transmitting sets	47-S-6
374325	12-4	GEO. WASHINGTON	Wash	CO	radio receiver	23-X-6
374528	12-4	CHENOMNE	Wash	CO	amplifier	157-6

RADIO SHIPMENT REQUESTS

Number.	Date.	From or To—	Subject.	
369731	11-20	Wash	Gibraltar 1 2-step radio amplifier	787-1
370722	11-22	Wash	CC radio apparatus	718-6
347332	11-23	Boston	Charleston Radio apparatus	919
370335	11-22	NY	Bureau of Stands Radio material	882-2
370721	11-23	Hampton Rds	Bureau Stands radio apparatus	736-34
371305	11-23	Wash	Hampton Rds radio material	736-34
370720	11-22	Inspr Brook	Inspr Buff Radio apparatus	918
371295	11-23	Wash	Buseng radio apparatus	918
371302	11-23	Inspr Brook	Goodyear Flying Field Radio mat'l	918
369738	11-23	Wash	GL Detector renewals as listed	771-2
368441	11-22	NORTH CAROLINA n Wash	CO radio apparatus	320-6
370726	11-23	PENNSYLVANIA NY	CO radio apparatus	130-6
371299	11-23	DUPONT Wash	Newport R. I. radio apparatus	184-6
341887	11-23	SUBMARINES NY	CO radio apparatus	497
370727	11-23	NEW MEXICO NY	CO radio apparatus	554-6
371677	11-25	NY	Inspr NYS radio apparatus	911
371727	11-25	NY	Suffield radio apparatus	898
370817	11-25	Phila	NY Radio apparatus	898
371676	11-25	NY	Phila radio apparatus	828
346979	11-24	Phila	Pacific France radio apparatus lost - 346979	919
371722	11-25	Phila	Inspr College Point radio apparatus	918
371598	11-26	TBDS NY	Camden radio mat'l insulators	186-Q-6
371598	11-26	TBDS Boston	Newport News radio mat'l Motire connectors silicon bronze wire	186-Q-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—		Subject.	
371720	11-25	AIRPLANES	Phila	Inspr Elizabeth, N.J. 18 transmitters.	918
371724	11-26	FRANCE	Sayville	Radio, Va. spare parts	920-8
371725	11-26	FRANCE	Sayville	Washington 200 lbs. tape	920-8
371851	11-26	PENNSYLVANIA	NY	CO radio apparatus, an ~~an~~ ion control box	130-6
371598	11-26	TBSD	NY	Newport Ns radio mat'l insulators	188-Q-6
371598	11-26	TBSD	Boston	Newport Ns radio mat'l copper McIntire connectors & silicon bronze antenna wire.	188-Q-6
372119	11-27	TBSD	Bridgeport	Boston Radio Mat'l transmitting set	106-Q-6
372119	11-27	TBSD	Boston	Bridgeport radio Mat'l transmitting set	106-Q-6
3659419	11-27	PENNSYLVANIA	Wash	CO radio storage batteries	130-6
365929	11-13	TBDS	Wash	M Is receiver, control box, & amplifier	136-Q-6
372121	11-27		Wash	Norff 1000 vacuum tubes	898
372122	11-29		Wash	Pg Sd 2000 vacuum tubes	898
372124	11-29		Wash	NY 2000 vacuum tubes	898
372556	11-29		Norff	Cape Hatteras storage battery	898
372768	11-29		Wash	Brooklyn arc transmitting set	898
372567	11-29		Hamp Rds	Wash 1 instrument for testing ignition disturbances in radio receivers	736-34
371618	11-29		Wash	Hamp Rds 1 short wave meter	736-34
372567	11-29		Hamp Rds	Wash 1 instrument for testing ignition disturbances in radio receivers	736-34
347048	11-26		Wash	Cardiff Wales radio repair materials listed	787-3
372333	11-29		Boston	Boston receiver	843
372113	11-27		Phila	Inspr East Greenwich, 5 boxes radio mat'l	918

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Number.	Date.	From or To.	Subject.	
367187	11-12	Wash	Inspr Phila	radio apparatus 918
367186	11-11	Inspr GE	Inspr Phila	radio apparatus 918
367927	11-13	Wash	Wash	radio apparatus 920
365928	11-15	Norfolk	USS PENNSYLVANIA	radio apparatus 902
360855	11-13	IDAHO Phila	Jamden	radio apparatus 563-6
361206	11-12	IDAHO Phila	Jamden	radio apparatus 563-6
336434	11-14	NASHVILLE Wash	CO	radio apparatus 306-6
353599	11-14	SUBMARINE NY	Inspr Lake	radio apparatus 98-0-6
367514	11-14	SUBMARINE Wash	CO	radio apparatus 401-6
368317	11-14	Wash	Inspr Ohio	Radio apparatus 918
368323	11-14	Gloucester	Inspr Ohio	Radio apparatus 918
368318	11-14	Wash	15th Dist	radio apparatus 898
366814	11-14	Wash	Psuillac France	radio apparatus 736-9
367946	11-13	Wash	Coco-Solo	ditto 736-41
355930	11-14	N Com	Base 5	ditto 787-1
367933	11-13	Wash	Gibraltar	200 Vacuum tubes 787-1
368320	11-14	GE	Cable May	radio app 736-32
368321	11-14	GE	Montauk Pt	ditto 736-37
368331	11-16	NY	Lafayette Sta	Radio material 920
368681	11-16	Wash	Lafayette Sta	Radio material 920
368671	11-16	Phila	Wash	radio apparatus 875
368684	11-15	Wash	Haiti	radio apparatus 865
369140	11-16	NY	Haiti	radio apparatus 865
364932	11-13	Wash	Chasn	radio apparatus 865

Number.	Date.	From or To—	Subject.	
365124	11-13	LDNO Phila	CO radio apparatus	663-6
369150	11-16	TBDS Wash	Inspr Bath ditto	131-Q-5
366814	11-14	Wash	Queens town ditto	73689
368797	11-16	Gloucesta	Rockaway engine spares	736-39
369744	11-19	Brook	Hamp Bis- 2000' rubber covered stranded aircraft radio wire	736-34
369732	11-19	Wash	CO radio apparatus	510-6
369734	11-19	Wash	CO radio apparatus	299-5
370057	11-20	N. Brunswick	- Sayville Tube insulators and shields	920-8
367930	11-18	Phila	Lafayette France Radio material as listed	920
368582	11-16	Boat	Lafayette France Phone wire	920
370070	11-20	Wash	Wash radio apparatus	503
369736	11-20	Wash	Wash radio apparatus	541
369733	11-19	Wash	Gibraltar radio apparatus	787-1
364573	11-20	cancelled Phila	Paullies order of 8-12th radio arc trans set	736-9
370055	11-20	Wash	CO radio apparatus	459-5
370067	11-21	Phila	San Diego 12 airplane radio transmitters	736-40
369742	11-21	GE	Wash 5 boxes wing clamps 5 antennae	736-43
334573	11-22	Phila	GL 15-KW radio arc transmitting set	736-9
370067	11-20	NY	Lafayette radio apparatus	920
370069	11-20	Phila	Lafayette Radio apparatus	920
369735	11-20	Wash	Signal Corps Wash radio apparatus	898
370051	11-19	Norff	Boston radio apparatus	916-3
369733	11-20	NY	San Domingo radio apparatus	865

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Number.	Date.	From or To—	Subject.	
353193	11-6	Ins. r. Stand	Ins. r. Buff Radio apparatus	913
355419	11-4	Wash	Newport Radio apparatus	822
355524	11-7	Wash	Newport Radio apparatus	822
355113	11-7	2 Brunswick	J-100 110 tube type transmitters with one set shields	700-1
355531	11-9	LY	N. Lond 1/2 radio transmitting	907
357725	11-9	LY	3d 110 amp Hr storage batteries	81
357729	10-24	Wash	1 Decimeter N. T. Elec. 300	81
35814	11-8	Wash	110 airplane radio	710
359159	10-18	Wash	3d Dist radio apparatus	787-1
364200	11-1	Wash	Tampa radio apparatus	797-8
363212	10-29	Wash	Base 20 radio telegraph	787-1
363700	10-30	Wash	Sims radio apparatus	787-1
363718	11-1	Wash	3d Dist radio apparatus	787-1
366532	11-8	SUMMARINES Wash	ER radio telegraph	897
367197	11-11	Wash	Div #9 radio apparatus	898
368319	11-14	Wash	Norf radio apparatus	898
368906	10-25	Wash	Hampton Rds radio-apparatus	864
368912	11-13	Wash	Beaufort radio apparatus	800
360301	11-12	Wash	Akron radio material	918
367292	11-14	Wash	N Lond radio apparatus	893-4
367941	11-13	Wash	Phila radio apparatus	893-4
368314	11-13	Wash	NOTS Norf Radio apparatus	893-4

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Number.	Date.	From or To—	Subject.	
359827	10-22	NY	Newport R I, radio apparatus	898
361363	10-14	Sayville	New Brunswick Saddle and egg type insulators	920-8
355723	10-22	Mobile	Mobile radio apparatus	54-5-6
359812	10-22	Boston	Insp Jenden radio transmitting sets	1-5-6
360618	10-23	Wash	Newport, RI radio apparatus	543-6
336434	10-23	NY	Chasn ditto	576-6
361131	10-23	NY	Chasn ditto	51-5-6
360644	10-23	Wash	Phila material for installn on aircraft	918
357401	10-23	Brook	Gloucester 60 Lead out insulators	918
360651	10-23	Wash	Curtiss material for instln in aircraft	918
361946	10-25	Wash	Bu Standards 2 2-step radio amplifiers	898
361197	10-24	Chicago	N Lon. 5 2-A spare part boxes	902
361156	10-24	Wash	Trans Atl Rec room Wash radio rec app	920
360651	10-24	Wash	Norfolk radio apparatus	547-6
361199	10/25	C.Elec.Rumyon Schenectady	radio apparatus	918
360431	10/24	vessels NY	Norfolk radio trans.sets	898
361186	10-25	ships and shore/Wash	Bost radio app	893-1
362973	10-29	Wash	Also Boat Co ditto	898
363206	10-29	S-2 Wash	Insp Lake Torpedo Co ditto	898
363208	10-29	S-3 Wash	Ports ditto	898
363320	10-29	S-1 Bost	Insp Elec Boat Co ditto	898
361959	10-25	Wash	NY 175 pair of radio head phones	898
362407	10-26	Wash	Suffield Ohio radio app	898
352976	10-25	cancelled Wash	Beaufort ditto	800

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Number.	Date.	From or To—	Subject.	
361965	10-28	Brook	Phila 50 insulators	918
362775	10-28	Gloucester - Suffield	12 antennae reels	918
360314	10-28	NY	Lorient France 10-5-volt emergency transmitters	920
357401	10-29	Brook	Gloucester 10-23- Cancelled	918
361157	10-29	Brook	Gloucester 10-23- Cancelled	918
361158	10-29	Brook	Gloucester 10-23- Cancelled	918
361159	10-30	NY	Suffield 1 1/2 KW gas engine driven radio transmitting set	898
366000	10-30	Brook	Gloucester Radio app cancelled	918
361170	10-28	pers to Akron OH	Oh Elec Runyon 2 vacuum transmitting tubes	918
361966	10-28	Brook	Curtiss 50 lead-in insulators	918
362744	10-28	Wash	Suffield radio material as listed	918
362777	10-28	Boat	Suffield 2 vacuum transmitting tubes	918
363218	10-30	Wash	Phila 50 sets complete receiv- ing equipment	919
361151	10/29	Brook	Gloucester 10-23- Cancelled	918
361152	10/29	Brook	Gloucester 10-23- Cancelled	918
361153	10/29	Brook	Gloucester 10-23- Cancelled	918
361154	10/29	Brook	Gloucester 10-23- Cancelled	918
361155	10/29	Brook	Gloucester 10-23- Cancelled	918
361156	10/29	Brook	Gloucester 10-23- Cancelled	918
361157	10/29	Brook	Gloucester 10-23- Cancelled	918
361158	10/29	Brook	Gloucester 10-23- Cancelled	918
361159	10/29	Brook	Gloucester 10-23- Cancelled	918
361160	10/29	Brook	Gloucester 10-23- Cancelled	918
361161	10/29	Brook	Gloucester 10-23- Cancelled	918
361162	10/29	Brook	Gloucester 10-23- Cancelled	918
361163	10/29	Brook	Gloucester 10-23- Cancelled	918
361164	10/29	Brook	Gloucester 10-23- Cancelled	918
361165	10/29	Brook	Gloucester 10-23- Cancelled	918
361166	10/29	Brook	Gloucester 10-23- Cancelled	918
361167	10/29	Brook	Gloucester 10-23- Cancelled	918
361168	10/29	Brook	Gloucester 10-23- Cancelled	918
361169	10/29	Brook	Gloucester 10-23- Cancelled	918
361170	10/29	Brook	Gloucester 10-23- Cancelled	918
361171	10/29	Brook	Gloucester 10-23- Cancelled	918
361172	10/29	Brook	Gloucester 10-23- Cancelled	918
361173	10/29	Brook	Gloucester 10-23- Cancelled	918
361174	10/29	Brook	Gloucester 10-23- Cancelled	918
361175	10/29	Brook	Gloucester 10-23- Cancelled	918
361176	10/29	Brook	Gloucester 10-23- Cancelled	918
361177	10/29	Brook	Gloucester 10-23- Cancelled	918
361178	10/29	Brook	Gloucester 10-23- Cancelled	918
361179	10/29	Brook	Gloucester 10-23- Cancelled	918
361180	10/29	Brook	Gloucester 10-23- Cancelled	918
361181	10/29	Brook	Gloucester 10-23- Cancelled	918
361182	10/29	Brook	Gloucester 10-23- Cancelled	918
361183	10/29	Brook	Gloucester 10-23- Cancelled	918
361184	10/29	Brook	Gloucester 10-23- Cancelled	918
361185	10/29	Brook	Gloucester 10-23- Cancelled	918
361186	10/29	Brook	Gloucester 10-23- Cancelled	918
361187	10/29	Brook	Gloucester 10-23- Cancelled	918
361188	10/29	Brook	Gloucester 10-23- Cancelled	918
361189	10/29	Brook	Gloucester 10-23- Cancelled	918
361190	10/29	Brook	Gloucester 10-23- Cancelled	918
361191	10/29	Brook	Gloucester 10-23- Cancelled	918
361192	10/29	Brook	Gloucester 10-23- Cancelled	918
361193	10/29	Brook	Gloucester 10-23- Cancelled	918
361194	10/29	Brook	Gloucester 10-23- Cancelled	918
361195	10/29	Brook	Gloucester 10-23- Cancelled	918
361196	10/29	Brook	Gloucester 10-23- Cancelled	918
361197	10/29	Brook	Gloucester 10-23- Cancelled	918
361198	10/29	Brook	Gloucester 10-23- Cancelled	918
361199	10/29	Brook	Gloucester 10-23- Cancelled	918
361200	10/29	Brook	Gloucester 10-23- Cancelled	918

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Number.	Date.	From or To—	Subject.	
364207	11-1	stock Wash	Norfolk 100 batteries	824
364215	11-1	Wash	Phila Radio storage batteries 828	828
364214	11-1	Radio Distant/ Control Sta Wash	Phila ditto	838
364203	11-1	Norfolk	PENNSYLVANIA 10,000' antenna wire	875
366039	10-30	ST LOUIS NY	CO Radio apparatus	83-6
315037	10-31	Sub tender stock Phila	CHICAGO order of 9-19th radio app cancelled	876
366599	10-30	Wash	CO Radio apparatus	103-5
36670	10-30	Norfolk	CO ditto	103-6
366931	10-30	INDIANA NY	CO ditto	103-6
366937	10-30	INDIANA NY	CO ditto	103-6
366938	10-30	INDIANA NY	CO ditto	103-6
366939	10-30	INDIANA NY	CO ditto	103-6
366940	10-30	INDIANA NY	CO ditto	103-6
366941	10-30	INDIANA NY	CO ditto	103-6
366942	10-30	INDIANA NY	CO ditto	103-6
366943	10-30	INDIANA NY	CO ditto	103-6
366944	10-30	INDIANA NY	CO ditto	103-6
366945	10-30	INDIANA NY	CO ditto	103-6
366946	10-30	INDIANA NY	CO ditto	103-6
366947	10-30	INDIANA NY	CO ditto	103-6
366948	10-30	INDIANA NY	CO ditto	103-6
366949	10-30	INDIANA NY	CO ditto	103-6
366950	10-30	INDIANA NY	CO ditto	103-6
366951	10-30	INDIANA NY	CO ditto	103-6
366952	10-30	INDIANA NY	CO ditto	103-6
366953	10-30	INDIANA NY	CO ditto	103-6
366954	10-30	INDIANA NY	CO ditto	103-6
366955	10-30	INDIANA NY	CO ditto	103-6
366956	10-30	INDIANA NY	CO ditto	103-6
366957	10-30	INDIANA NY	CO ditto	103-6
366958	10-30	INDIANA NY	CO ditto	103-6
366959	10-30	INDIANA NY	CO ditto	103-6
366960	10-30	INDIANA NY	CO ditto	103-6
366961	10-30	INDIANA NY	CO ditto	103-6
366962	10-30	INDIANA NY	CO ditto	103-6
366963	10-30	INDIANA NY	CO ditto	103-6
366964	10-30	INDIANA NY	CO ditto	103-6
366965	10-30	INDIANA NY	CO ditto	103-6
366966	10-30	INDIANA NY	CO ditto	103-6
366967	10-30	INDIANA NY	CO ditto	103-6
366968	10-30	INDIANA NY	CO ditto	103-6
366969	10-30	INDIANA NY	CO ditto	103-6
366970	10-30	INDIANA NY	CO ditto	103-6
366971	10-30	INDIANA NY	CO ditto	103-6
366972	10-30	INDIANA NY	CO ditto	103-6
366973	10-30	INDIANA NY	CO ditto	103-6
366974	10-30	INDIANA NY	CO ditto	103-6
366975	10-30	INDIANA NY	CO ditto	103-6
366976	10-30	INDIANA NY	CO ditto	103-6
366977	10-30	INDIANA NY	CO ditto	103-6
366978	10-30	INDIANA NY	CO ditto	103-6
366979	10-30	INDIANA NY	CO ditto	103-6
366980	10-30	INDIANA NY	CO ditto	103-6
366981	10-30	INDIANA NY	CO ditto	103-6
366982	10-30	INDIANA NY	CO ditto	103-6
366983	10-30	INDIANA NY	CO ditto	103-6
366984	10-30	INDIANA NY	CO ditto	103-6
366985	10-30	INDIANA NY	CO ditto	103-6
366986	10-30	INDIANA NY	CO ditto	103-6
366987	10-30	INDIANA NY	CO ditto	103-6
366988	10-30	INDIANA NY	CO ditto	103-6
366989	10-30	INDIANA NY	CO ditto	103-6
366990	10-30	INDIANA NY	CO ditto	103-6
366991	10-30	INDIANA NY	CO ditto	103-6
366992	10-30	INDIANA NY	CO ditto	103-6
366993	10-30	INDIANA NY	CO ditto	103-6
366994	10-30	INDIANA NY	CO ditto	103-6
366995	10-30	INDIANA NY	CO ditto	103-6
366996	10-30	INDIANA NY	CO ditto	103-6
366997	10-30	INDIANA NY	CO ditto	103-6
366998	10-30	INDIANA NY	CO ditto	103-6
366999	10-30	INDIANA NY	CO ditto	103-6
364209	11-1	Phila	Wash 18 Morse Keys	898
364222	11-1	Wash	Harvard Radio 4 medium wave radio recs	898
360649	11-1	Wash	Fire Island radio app of 9-21st cancelled	912
364218	11-1	Lab Wash	Bu Standards radio app as listed	916
284212	11-2	Wash	Aberdeen Scotland- Radio Apparatus	787-1
364154	11-1	Lab Wash	Bu Standards Radio app	916
364151	11-2	NY	Amherst Is Me ditto	19
364153	11-2	NY	Cape May ditto	19
364732	11-2	C.G.Sta 36 NY	Truro Mass ditto	704
364734	11-2	C.G.Sta 8 NY	Danvers Is Me ditto	704
364735	11-1	Wash	CO ditto	103-6

Number.	Date.	From or To—	Subject.		
335701	11-31	INSPR CURTIS NY	INSPR CURTIS	radio apparatus	131-4-6
335701	11-1	INSPR CURTIS NY	CO	ditto	93-6
335701	11-1	INSPR CURTIS NY	CO	ditto	102-6
335701	11-1	INSPR CURTIS NY	CO	ditto	102-6
335701	11-1	INSPR CURTIS NY	INSPR CURTIS	radio apparatus	102-6
335714	11-5	PENNSYLVANIA NY	CO	radio apparatus	130-5
365419	11-5	PENNSYLVANIA Wash	CO	radio apparatus	130-6
365425	11-5	PENNSYLVANIA Norf	CO	ditto	130-6
336510	11-8	SUB CHASERS Phila	Base 6	radio telegraph	1-8-6
281690	11-7	SUPPLY NY	Norf	radio apparatus	422-6
365424	11-5	IDAHO Phila	Camden	ditto	563-3
357204	11-7	INSPR CURTIS	INSPR BUFF	radio apparatus	918
365614	11-7	New York	Wash	radio apparatus	911
365533	11-8	Wash	Guantanamo	radio apparatus	814
365555	11-8	OREGON Wash	CO	radio telegraph	326-6
354296	11/8	Air Stag NY	Paulliac	radio apparatus	736-9
363706	10-31	Wash	Hampton Roads	radio apparatus	736-34
369555	10-23	Phila	Montauk Pt	radio material	736-37
272870	10-23	Wash	Phila	radio apparatus	771
360646	10-22	Wash	CO	radio apparatus	71-771
367942	11-13	Wash	Wash	radio apparatus	841
367883	11-13	Wash	NY	radio apparatus	893-1

RADIO SHIPMENT INVENTORIES

Number.	Date.	From or To—	Subject.	
357414	10-15	Marion	N Brunswick	1 Wave meter 920-66
357652	10-15	Sayville	ditto	Insulators and parts 920-6
356869	10-15	CINCINNATI Wash	CO	radio apparatus 161-6
358735	10-16	ILLINOIS Wash	CO	Ditto 236-6
358467	10-16	NEW HAMPSHIRE Wash	CO	ditto 312-6
357698	10-16	TINNEY Wash	CO	ditto 437-6
303052	10-16	EDS NY	Inspr IR	ditto 57-5-6
390345	10-16	EDS Wash	Hoff	ditto 161-5-6
357611	10-16	ALOMA Wash	CO	ditto 317-3P
357417	10-16	SAVANNAH NY	CO	ditto 90-7-6
357416	10-16	SAVANNAH Wash	CO	ditto 90-7-6
358727	10-16	MISSISSIPPI Wash	CO	ditto 90-8
358701	10-16	Wash	France	ditto W 97-1
358732	10-17	NY	Key West	4 storage batteries 617
358740	10-17	Wash M Is	25 Short wave radio receivers	818
357650	10-17	Phila	Aberdeen Scot	5 sound p roof rec Booths 876
357651	10-17	NY	Aberdeen Scotland	ditto 876
357212	10-17	Bost	Curtiss	40 type vacuum transmitting tubes 918
359379	10-18	U.S.S. Bd Wash	Chasn	10 short wave receivers 898
358999	10-17	Wash	Ports	10 ditto 898
359160	10-18	Wash	Chasn	7 ditto 898
359165	10-18	Port	M Is	5 1/2W radio transmitting sets 898
359166	10-18	Port	Pg Sd	10 ditto
359167	10-18	Port	Port	ditto

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RADIO SHIPMENT REQUESTS

Number.	Date.	From or To—		Subject.		
355035	10-8	TDOS	NY	M Is	Radio Apparatus	3 02- -6
355100	10-10	C. B. Day	Connecticut	M Is	Ditto	700-01
355095	10-10	Hq. West	Connecticut Fla		Ditto	706-01
355107	10-10	Portland	Connecticut N Y		Ditto	7 5 77
355096	10-10	Tens	Connecticut Fla		Ditto	700-03
~~355056~~	~~10-10~~					
355010	10-10	Bret	Wash	France	Ditto	707-1
355277	10-7	TDOS	Boston	Phila	ditto	231-Q-6
356455	10-10	TDOS	NY	Phila	ditto	231-Q-6
355304	SAVANNAH 10-10	Wash	CO		ditto	80-X-6
356700	10-10	SUB CHASER	~~25722~~ NY	N L	ditto	1-Z-6
356703	10-10	ALERT	NY	CO	ditto	109-6
356704	10-10	ALERT	Boston	CO	ditto	109-6
356464	10-10	SUBS	Wash	CO	ditto	497
356701	10/10		GE	Gr Lakes	radio transmitters	707-9
354269	10-10	SILONEY	Wash	NY-	radio apparatus- W-	569-771
356705	10-10	ALERT	Phila	CO	ditto	109-6
355035	10-11	TDOS	Boston	M Is	ditto	5 72-2-6
355095	10-11	SUBS	Wash	CO	ditto	585-6
355394	10-9		Wash	Base 127	ditto	902-
355392	10-9		NY	Base 127	ditto	902
355391	10-11					706-01

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RADIO SHIPMENT REPORT

Number.	Date.	From or To—	Subject.	
~~357313~~	10-14	~~TO WASH~~	~~Radio shipmt from Wash to Rochefort France~~	
357313	10-14	Wash	Rochefort France 7 battery charging panels	920
356708	10-14	avi detach GE	MIT 2 radio transmitters	918
357009	10-14	Good-Fly field Wash	Akron 1 charging panel	918
357203	10-14	Bost	Curtiss 60 vacuum transmitting tubes	918
357400	10-14	NY	Akron radio material as listed	918
356554	10-14	Cardiff LY	Wales radio material as listed	918-771
357704	10-15	NY	Natl Elec Co 20 1/4" Antenna Shackles	875
357704	10-15	Wash	Natl Elec Co 100 #8 Silicon Bronze Antenna Wire	875
315207	10-17	RAINBOW NY	Phila Insulators and wire	876
315207	10-17	~~RAINBOW~~ Bost	Phila Radio tele app	8-76
315207	10-17	Phila	RAINBOW Thermo Ammeters	876
315207	10-17	RAINBOW Wash	Phila Radio tel material as listed	876
359484	10-16	NY	Bost ditto	882
356158	10-11	Wash	Seattle 3 short wave receivers	898
356441	10-16	Wash	Phila 2 Instrn radio buzzer traffic control sets	898
356457	10/9	NY	Erest transformer	787-1
356701	10-16	Bost Wash	Frame radio material as listed	782-2
356701	10-16	Wash	ditto	81-55
357205	10-16	Bost	Akron 40 Vacuum transmitting tubes	918
357207	10-15	Brook	Curtiss 25 Flying boat radio transmitters	918
357208	10-15	Brook	Phila 50 ditto	918
357202	10-14	Bost	Phila 40 Vacuum transmitting tubes	918
319925	10-15	NY	Bermuda Radio tel phone equipmt	902
381613	10-16	LY	Lorient France 1 2-KW radio transmitting set	920

Number.	Date.	From or To -	Subject.	
54116	10/1	Airco, Standard House Wash	Gloucester	212
54309	10/4	Albion Wash	Albion & Air Co.	118
54320	10/4	Standard A. Co. Brock.	Standard A. Co.	118
54391	10/4	Engineering Co. Brock.	Collins Mt.	118
54399	10/4	W. L. Laboratory Wash	Wash.	344
544694	10-5	Flint River Isl NY	NY	ditto W-
545026	10-5	Hon. Rds NY	Hon. Rds-	ditto W-
545117	10-5	Miami Wash	Miami-	ditto W-
545057	10-4	Miami NY	Miami-	ditto W-
545019	10-4	Montana Ins. cr. Mass	Montana	ditto W-
545023	10-5	Montana NY	ditto	ditto W-
544953	10-4	Rod. way Ins. cr. Mass	Rod. way-	ditto W-
545024	10-5	ditto NY	ditto	ditto W-
544956	10-5	San Diego- Ins. cr. Mass	San Diego-	ditto W-
544168	10-5	Base 27 Wash	Base 27	ditto W-
544168	10-5	ditto NY	ditto	ditto W-
545079	10-5	Quincy town NY	Ira	ditto W-
543442	10/3	Mare Is. Wash	Mare Is.	ditto
545274	10-5	Bethlehem Wash	NY	ditto
545034	10-5	TEDS Wash	NY	ditto
545078	10-5	TEDS Boston	NY	ditto
545031	10-5	TEDS Boston	Ins. cr. Bethlehem	ditto
545030	10-5	TEDS Wash	Ins. cr. Bethlehem	ditto
544111	10-5	Portugal NY	Haiti	ditto

Rail. Transit

Number.	Date.	From or To--	Subject.	
355279	10-5	Amill d Insular Brook Phila	Radio apparatus W	736-8
355275	10-5	ditto Wash	ditto W	736-9
354954	10-5	Cape May Insular Mass Cape May	ditto W	736-2
355038	10-5	Key West NY	ditto W	736-35
355039	10-5	Coco Solo NY	ditto W	736-41
355389	10-7	US Naval Base #6 Wash	ditto W	737-1
355900	10-7	US Naval Base #6 Phila	ditto W	737-1
355371	10-7	TDOS NY	ditto	731-26
355388	10/7	Stock NY	ditto W	924
355764	10-7	Compass St. Phila.	Cross Is. Me.	919
354876	10-5	Wash	L Lond	704
355391	10-7	Paulliac Gloucester	Phila	736-9
355392	10-7	Phila Brook	Phila	736-9
355160	10-7	Chatham C E	Mass	736-3
355996	10-8	Hamp Rds Wash	Phila	736-74
355865	10-8	Navy Base 20 Wash	ditto	737-1
327756	7-27	Brest Wash	France ditto W	737-3
355339	10-9	Paulliac Insular	Phila	736-9
355881	10-8	Base # 20 NY	Base # 20	920
355877	10-7	TDOS Boston	Phila	731-26
354111	10-7	TDOS Phila	Insular	736-26
355003	10-3	TDOS NY	Insular	736-26
355003	10-3	TDOS NY	Insular	736-26

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Number.	Date.	From or To	Subject.	
353049	10-1	Wash	Pelham Bay	Radio app as listed
352027	10-1	Rockaway Inspur Brook	Rockaway	radio apparatus - W 750-39
353050	10-1	Hamp Rds Wash	Hamp Rds	ditto W 25-24
352619	9-30	TEDS Wash	M Is	ditto 140-9-6
353436	10-1	NY	Inspur MYS	ditto 157-9-6
353616	9-30	LINE SWEETERS Wash	Inspur Brook	ditto 27-8-6
353434	10-1	HANNIBAL NY	CO	ditto 225-6
353434	10-1	HANNIBAL Boston	CO	ditto 225-6
353216	10-1	GEO WASHINGTON NY	CO	ditto 23-X-6
353767	10-1	LEBANON NY	CO	ditto 263-6
352640	9-28	MISSISSIPPI NY	CO	ditto 562-6
353768	9-30	Radio Sta Wash	Montoloking	ditto 864
353441	10-1	Radio Sta Wash	N Orls	ditto 821
341497	10-1	Wash	Phila one audibility meter	916-5
353776	10-1	Sayville	Brunswick	30 Porcelain insulator with shields 920-8
353507	10-1	To Chatham Inspur Brook C ation	Radio apparatus W	750-33
352629	10-2	To Hampton Rds ditto	Hamp Rds	ditto 736-34
353430	10/1	Phila Wash	Phila	radio apparatus 918
353431	10/2	Curtiss Wash	Curtiss	ditto 918
353431	9/30	Curtiss Brook	Curtiss	ditto 918
353619	10-5	Longtown	Longtown	ditto W 750-9
353439	10-1	Phila Wash	Phila	ditto W 750-9
353433	10-5	Phila Wash	Phila	ditto W- 750-37

RADIO EQUIPMENT PURCHASES

Number.	Date.	From or To--	Subject.	
354484	10-3	Rockaway Wash	Rockaway - radio apparatus - W-	8-38
354545	10-3	H Sri Phila	H Sri radio storage batteries L	771-2
353673	10-3	Glendale Bost	S ain radio apparatus - W-	777-1
336510	10-2	SUBMARINES NY	Base #6 radio material	1-2-6
336510	10-2	SUBMARINES Boston	Base #6 ditto	1-2-6
336510	10-2	SUBMARINES Phila	Base #6 ditto	1-2-6
354481	10-3	NEW YORK NY	CO radio phone sets	151-6
354955	10-4	NEPTUNE Wash	CO radio apparatus	309-6
354695	10-4	TEDS NY	Inspir Bath radio apparatus	151-6
355020	10-4	TEDS Wash	Inspir Bath radio apparatus	151-6
334573	10-3	Pouillac Phila	France Ditto	756-9
353873	10-1	Wash DC NY	Wash DC ditto W	1-1
354979	10-4	Fishermans Is- Wash	Va Ditto	756-34
354148	10-3	Radio School- Inspr	Brook - Tensa- ditto W	777-30
354472	10-3	ditto ditto	ditto ditto W	777-38
354030	10-3	ditto Wash	ditto ditto W	777-38
354957	10-4	ditto NY	ditto ditto W	777-38
354160	10-3	Glendale Wash	Glendale ditto W	777-38
354481	10-3	Chatham Wash	Chatham ditto W	777-38
354148	10-4	ditto Inspr	Wash- ditto ditto W	777-38
353672	10-5	ditto NY	ditto ditto W	777-38
354471	10-5	Pouillac Brook	Pouillac- ditto W	777-38
354471	10-5	Glendale NY	Glendale ditto W	777-38

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RADIO SWEEPSTAKES

Number.	Date.	From or To--	Subject.	
352631	9-28	radio sta Wash	Phila radio apparatus	898
352638	9-28	radio sta Wash	Pg Sound ditto	898
352505	9-26	Miami NY	Miami radio apparatus- W-	752-5
353164	9-28	Corfu Via FALL CITY-	Greece mta. ill listed- W	77-1
352618	9-30	MINE SWEEPERS Wash	Inspr Balto radio apparatus	47-8-6
352617	9-30	MINE SWEEPERS Wash	Inspr Staten Is. ditto	43-5-6
352615	9-30	MINE SWEEPERS Wash	Inspr Alabama ditto	34-8-6
352620	9-30	TBDS Wash	Inspr NYS ditto	157-Q-6
352500	9-30	Rockaway GE	Rockaway radio apparatus- W	76-39
353424	9-30	ditto Inspcr Mass	- ditto ditto W-	736-39
351915	9-30	ditto Phila	ditto ditto W-	736-39
351916	9-30	ditto Wash	ditto ditto W	736-39
351917	9-30	ditto NY	ditto ditto W-	736-39
353188	9-28	MICHIGAN NY	CO ditto	286-6
353191	9-30	SUPPLY Norf	CO ditto	422-6
353689	9-30	VERMONT NY	CO ditto	456-6
352796	9-28	radio sta Wash	Beaufort ditto	800
353190	9-30	radio sta Impr Boston	Curtis ditto	918
353192	9-30	ditto ditto	Greenwich RI ditto	918
353193	9-30	ditto ditto	Elizabeth NJ ditto	918
353194	9-30	ditto ditto	college Pt NY ditto	918
353423	9-30	ditto ditto	Hampton Roads ditto	918
353426	9-30	ditto ~~Mass~~ Inspcr Brook	Phila ditto	918
353427	9-30	ditto ~~Mass~~ Inspcr Ge	Phila ditto	918
353195	10-1	NY NY	Atlanta radio apparatus-	46-771

RADIO CHITTY LOGS

Number.	Date.	From or To—	Subject.	
375090	9-19	SUMARINE Wash	0-6 radio apparatus	574-6
375089	9-19	ditto Wash	0-4 ditto	574-6
357086	9-19	ditto Wash	0-5 ditto	574-6
319924	7/20	B.o. Stand. Wash	Wash ditto	582-1
315077	7/19	CHICAGO Phila.	CO ditto	576
315077	7/19	Chicago NY	CO ditto	576
349331	9-19	NOTS Ships- NY	Cardiff Wales- radio a para.us- W	771
349331	9-19	NOTS ships hila	ditto ditto W-	771
349650	9-19	Chatham NY	Chatham ditto W-	736-33
314155	9-21	SUMARINE CHASER Wash	Sims ditto	1-2-7
336510	9-21	SUMARINE CHASER Boston	Key West ditto	1-2-6
336510	9-21	ditto Wash	Key West ditto	1-2-6
336510	9-21	ditto Phila	Key West ditto	1-2-5
330647	9/21	Anchor I store Brook	Gloucester ditto	713
330649	9/21	Q constown Wash	Sims ditto	705
315077	9/21	CHICAGO Wash	CO ditto	576
350644	9-21	Base 25 Wash	Base 25- radio apparatus- W-	787-1
350645	9-21	American Consul Liver	pool- Wash Eng - radio apparatus- W-	787-1
350093	9-21	Radio School- NY-94	Pensa- radio apparatus- W-	736-38
349294	9-20	ditto Wash	Pensacola ditto W-	736-33
350097	9-20	ditto Phila-	Pensa ditto W-	737-33
350655	9-23	CHICAGO NY	Norf radio apparatus	578-6
351383	9-24	COMMON Wash	CO ditto	580-6
350652	9-23	TELE Wash	USS STEVENS ditto	86-Q-6
350653	9-23	TELE Wash	USS TAYLOR ditto	94-Q-6

Number.	Date.	From or To—	Subject.	
351381	9-24	WDS Wash	USE WATSON radio apparatus	115-2-6
336510	9-21	SUD CHASERS NY	Key West ditto	1-2-6
350654	9-23	Pensa Phila—	Pensa— radio apparatus— W—	736-38
319436	9-24	MELVILLE NY	MELVILLE radio apparatus— W	787-1
343387	9-23	Hamp Rds— Wash	Hamp Rds material listed— W—	736-34
351378	9-24	Panillac—Airc Store Gloucester— Phila—	radio apparatus— W—	736-9
350658	9/24	stock Wash	NY radio apparatus	898
352034	9-25	WDS Wash	Insp'r Chasers radio apparatus	142-Q-6
352033	9-25	WDS Wash	Insp'r FR radio apparatus	142-Q-6
351901	9-25	SUBMARINE CHASER Wash	Lighth, Inc radio apparatus	1-2-6
351060	9-25	NEVADA NY	CO radio apparatus	153-6
351389	9-25	CHICAGO NY	CO radio apparatus	522-6
350098	9/24	Aircraft NY	Gloucester radio material	918
351379	9/24	West.Elec.Co. Wash	NY radio apparatus	902
315037	9/20	CHICAGO Boston	CO radio apparatus	876
351069	9/23	Air Sta. Phila	Radio radio apparatus	841
351380	9/24	Air Sta. NY	San Diego radio apparatus	830
351909	9-25	San Diego— Insp'r Brook— San Diego—	ditto— W—	736-40
351913	9-25	Brest NY	France— ditto— W—	787-5
351913	9-25	Brest Wash	France— ditto— W—	787-5
351899	9-25	Rockaway Insp'r Brook— Rockaway—	ditto— W—	736-39
351900	9-25	Montauk Insp'r Brook— Montauk—	ditto— W—	736-37
350590	9-23	Chatham Brook		
351898	9-25	Chatham Insp'r Brook— Chatham—	radio apparatus— W	736-33
352037	9-26	WDS Wash	Insp'r Leth radio apparatus	143-Q-6

RADIO SHIPMENT REQUESTS.

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Number.	Date.	From or To—	Subject.	
348016	9-17	JENNETTE S. INNER- Wash -	JENNETTE S. INNER- radio a. par- atus- W-	706-771
349176	9-17	NOTS- Wash	Montreal - radio apparatus - W-	771
343394	9-17	Miami Wash	Miami- ditto W-	736-36
343393	9-17	Key West Wash	Key West ditto - W	736-35
322198	9-17	Wash	Sig Corps A.E.F. radio app as listed	727
348744	9/17	Paulliac Wash	Phila radio apparatus	919
349291	9/18	stock Brook	Gloucester ditto	918
348355	9/17	vessels NL	NY radio material	902
348740	9/17	Nav. Base NY	West, France radio apparatus	902
343395	9/16	Laboratory Wash	Phila radio apparatus	898
348737	9/17	Rad. sta. Wash	Montauk Pt. ditto	864
343433	9/17	Canal Zone NY	Canal Zone ditto	850
343391	9-17	TEDS Wash	USS DYER ditto	84-Q-6
349288	9-18	TEDS Wash	Inspr Cramps ditto	147-Q-6
349289	9-18	TEDS NY	Inspr Cramps ditto	147-Q-6
349290	9-18	TEDS Boston	Inspr Cramps ditto	147-Q-6
348402	9-17	MINE SWEEPERS NY	Inspr Staten Is ditto	43-S-6
348735	9-17	MINE SWEEPERS NY	Inspr Balto ditto	47-S-6
348736	9-17	MINE SWEEPERS NY	Phila ditto	51-S-6
349292	9-18	NORTH DAKOTA Wash	CO ditto	321-6
349297	9-18	PATTERSON Wash	Phila ditto	335-6
349035	9-18	VIRGINIA Wash	CO ditto	465-6
349293	9-18	ARIZONA Wash	CO ditto	529-6
319080	9-18	C.G.C. 32 and 34 NY	Dubuque Boat Co ditto	704

RADIO WITH NO PRESENTS

Number.	Date.	From or To—	Subject.	
349280	9-18	Queenstown NY	Queenstown - radio apparatus- W-	737-1
349281	9-18	Plymouth NY	Eng ditto W-	737-1
349283	9-18	Azores NY	Azores ditto W-	737-1
349284	9-18	Paulillac NY	France- ditto W-	737-1
349285	9-18	Corfu NY	Greece ditto W-	737-1
349350	9-18	LAKE TRAVLERSE NY	LAKE TRAVLERSE ditto W-	771
349224	9-18	Chatham Wash	Chatham ditto W-	775-33
349225	9-18	Chatham Phila	Chatham ditto W-	735-33
349649	9/18	Rad. Com. Sta. Wash	Applodora Is. Mo. rad. apparatus	519
349297	9/19	Lafayette Rad. Sta. Annapolis Phila	rad. apparatus	920
349298	9/19	Phila Wash	Phila rad. apparatus	919
349649	9/18	Rad. Compass Sta. Wash	Applodora Is. ditto	519
350076	9/19	Mazda Acoustile Co. Wash	Pitts. ditto	918
349351	2/19	Rad. Sta. Wash	Phila ditto	528
349654	9-19	BLACK HALL Wash	Radio apparatus- W-	409-771
349635	9-19	BLACK HALL Wash	BLACK HALL ditto W-	61-771
349281	9-19	Cardiff Wash	Wales ditto W-	771
349331	9-19	ditto Best	Wales ditto W-	771
349648	9-19	San Diego Wash	San Diego ditto W-	736-40
350074	9-19	Cape May Wash	Cape May ditto W-	736-32
349772	9-20	CINCINNATI Wash	00 radio apparatus	161-5
350639	9-20	SUPMARINE Wash	0-10 ditto	575-6
375092	9-20	ditto Wash	0-9 ditto	574-6
357091	9-19	ditto Wash	0-7 ditto	574-6

RADIO SHIPMENT REQUESTS

1918

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Number.	Date.	From or To -	Subject.	
345662	9-13	FARMER Wash	C-1 radio apparatus	332-6
345668	9-13	SUBMARINE Wash	F-1 radio receiver	149-6
345665	9-13	ditto Wash	C-4 radio apparatus	140-6
345669	9-13	ditto Wash	F-2 radio receiver	128-6
347840	9-13	NINE SWEEPERS NY	Inspr Morris Heights, radio apparatus	27-3-2
347334	9-13	ditto NY	Inspr Chester ditto	15-8-6
347333	9-13	ditto NY	Inspr Phila ditto	11-8-6
347485	9-13	TEBS Boston	Inspr NY ditto	181-Q-6
347566	9-13	ditto Wash	Inspr NY ditto	181-Q-6
347336	9-13	ditto Wash	Inspr Cramps ditto	143-Q-6
345322	9-13	Laniff Phila	Walbes- ditto W-	727-1
347339	9-13	Laniff Ins. or Brook	Phila- ditto W-	727-9
347370	9-13	ditto Wash	Laniff ditto W-	727-9
347332	2/15	stack Phila	Boston ditto	719
345471	9/12	Rad. Compass sta. Wash	Montoloking ditto	919
347370	9/12	Aircraft Brook	Great Lakes ditto	918
347343	9/13	G.E.Co. Brook	GE CO/ ditto	918
347342	9/13	Inter.R.T.Co. Brook	Inter.R.T.Co. ditto	918
347842	9/13	Vessels Wash	Norfolk ditto	898
347564	9/13	Rad.Sta.Soc.Bldg Wash	Wash ditto	811
347855	9/13	Rad. Sta. Wash	five is. ditto	812
347859	9/13	Rad. Sta. Wash	Columbia ditto	826
347850	9-14	TEBS NY	Inspr Bethlehem ditto	263-Q-6
347340	9-14	Cape May Brook	Cape May- radio apparatus- W	726-32

1918

RADIO APPARATUS REQUESTS

Number.	Date.	From or To—	Subject.	
347841	9-13	NY	Cambridge Mass radio app as listed	707
347341	9/14	Air Sta. Gloucester Cape May	rad. apperatus	918
347852	9/14	Rad. Sta. NY	Virgin Is. ditto	863
348401	9-16	MINE SWEEPERS NY	Inaprr Todd, radio apparatus	37-S-5
347083	9-16	VON STEUBEN Wash	CO radio apparatus	90-X-6
319391	9-16	SUBMARINE NY	Key West radio equipment	1-Z-6
346518	9-16	PENKINS Wash	CO radio apparatus	346-6
347987	9-16	WYOMING Wash	CO radio apparatus	486-6
346695	9-16	BRIDGE Wash	CO radio apparatus	533-6
347032	9-16	Sims NY	London- radio apparatus- W	707-1
343302	9-16	Pensa Wash	Pensa- ditto W-	700-36
343607	9/16	Pris. Signal School Wash	Sims ditto	898
344028	9/16	Newport NY	Newport ditto	902
343386	9/16	Balboa NY	Balboa ditto	350
349278	9-17	SUBMARINES Wash	Inaprr Lake radio apparatus	92-0-6
343389	9-16	TBDS Wash	USS GREGORY radio apparatus	82-Q-6
347868	9-17	KITTERY Wash	NY ditto	30X-6
348746	9-17	MELVILLE Wash	CO ditto	510-6
348751	9-17	MELVILLE NY	CO ditto	510-6
348739	9-17	MISSISSIPPI Wash	CO ditto	562-6
348765	9-17	KURSK (British)- Wash	Kursk- radio apparatus- W-	793- 8
349279	9-17	Gibraltar NY	Gibraltar - ditto W-	787-1
345922	9-17	Sims Wash	London ditto W	787-1

RADIO SHIP LIST

Number.	Date.	From or To—	Subject.	
346457	9-11	radio compass station	Coast Guard Sta 150	radio app for 704
346458	9-11	ditto Wash	C.G. Sta 53 Brenton Pt RI	ditto 704
346460	9-11	ditto Wash	C.G. Sta 8 Davis Cove Is ME	ditto 704
346461	9-11	ditto Wash	C.G. Sta 14 A. Ludone Is Me	ditto 704
346823	9/11	Rad. Com. Sta. Wash	St. Georges	ditto 919
346472	9/11	ditto Wash	Smyths Pt. Cross Is, Me.	ditto 919
344040	9/10	Wash	Schenectady Wash	ditto 918
342510	2/10	Wash	Wash	ditto 918
347331	9-12	TBDS NY	Inspr Cramps	radio equipment 143-Q-6
347324	9-12	TBDS NY	Inspr NYS	radio phone equip 158-Q-6
347340	9-12	TBDS NY	Inspr NYS	radio phone equip 158-Q-6
347338	9-12	TBDS NY	Inspr NM	radio apparatus 181-Q-6
345674	9-12	Submarines Wash	K-1	radio apparatus 421-6
345678	9-12	Submarines Wash	K-2	radio apparatus 421-6
345689	9-12	Submarines Wash	K-3	radio receiver 421-6
346156	9-12	Submarines Wash	K-5	radio apparatus 505-6
346158	9-12	Submarines Wash	K-7	radio receiver 505-6
345459	9-12	radio compass Sta Wash	C.G. Sta 46	radio material for 704
345179	9-12	Pauillac Inspr Mass - Phila-		radio apparatus- W 736-9
345752	9-12	Queenstown NY	Queenstown	ditto W- 736-9
346928	9-12	Pauillac Phila	Pauillac	ditto W- 737-9
344822	9-12	Cardiff Wash	Wales	ditto W- 737-1
344822	9-12	Cardiff NY	Wales	ditto W- 737-1
344500	9-12	Chatham Inspr Brook-	Chatham	ditto W- 736-33
346919	9/12	Rad. Sta. NY	Canal Zone	ditto 851

RADIO SHIPMENT REQUESTS

Number.	Date.	From or To—		Subject.		
347568	9-13	SUBMARINES	Wash	O-13	Radio Receiver	590-6
346170	9-13	ditto	Wash	O-2	ditto	589-6
346169	9-13	ditto	Wash	O-1	ditto	588-6
345688	9-13	ditto	Wash	Insprr FR	ditto	586-6
347567	9-13	ditto	Wash	O-8	radio apparatus	574-6
345681	9-13	ditto	Wash	G-3	ditto	559-6
347329	9-13	ditto	Wash	L-9	ditto	528-6
347330	9-13	ditto	Wash	L-11	ditto	528-6
347844	9-13	ditto	Wash	L-10	ditto	528-6
346920	9-13	ditto	Wash	L-1	ditto	514-6
347326	9-13	ditto	Wash	L-2	ditto	514-6
347327	9-13	ditto	Wash	L-3	ditto	514-6
347328	9-13	ditto	Wash	L-4	ditto	514-6
346157	9-12	ditto	Wash	K-6	radio receiver	505-6
345682	9-13	ditto	Wash	G-4	radio apparatus	463-6
345680	9-13	ditto	Wash	F-4	radio receiver	452-6
345664	9-13	ditto	Wash	C-3	radio apparatus	429-6
345880	9-13	TACOMA	Wash	G-2	ditto	425-6
345683	9-13	SUBMARINES	Wash	H-3	ditto	420-6
345663	9-13	ditto	Wash	C-2	ditto	415-6
345666	9-13	ditto	Wash	C-5	ditto	403-6
345667	9-13	ditto	Wash	E-1	radio receiver	401-6
327497	9-13	ST LOUIS	Wash	Boston	radio parts	383-6
345672	9-13	SUBMARINE	Wash	F-3	radio receiver	351-6

RADIO SHIPMENT REQUEST.

Number.	Date.	From or To—		Subject.		
344601	9/6	Rec'g. Sta.	Wash	London	radio apparatus	920
337794	9/6	Airsta.	Brook.	Rockaway	ditto	918
344498	9/6	B. of Stand.	Wash	Wash	ditto	916
344028	9/6	Repairs	NY	Navy Yds.	ditto	902
344028	9/6	London Office	Wash	London Office	ditto	902
345182	9/6	ships	Phila	Phila	ditto	876
345183	9/6	ships	Phila	NY	ditto	876
345184	9/6	Rad. Test shop	Phila	Wash	ditto	876
345185	9/6	Rad. Rec'g. Sta.	Phila	Wash	ditto	876
316453	9/6	Dir. Gen'l.	Wash	Havana	ditto	898
344499	9-6	Rio De Janeiro-Inspec	Brook	Brazil-	radio apparatus- W	
345177	9-6	Sims	Wash	Sims-	wave meters- W	787-1
344045	9/7	Rad. Sta.	Mare Is.	Tutuila	radio apparatus	845
344481	9/7	Tutuila	NY	Mare Is./	radio apparatus	846
344488	9/7	Tutuila	Norfolk	Mare Is.	radio apparatus	846
343429	9-7	LV34	NY	Coast	1/2 KW transmitter for	678
345164	9-7	LV 20	NY	Post	1 120 volt 80 ampere hr storage battery and one Delco engine with starters	678
345191	9-7	LV 51	Wash	Thompsonville 31	radio receiver for	678
345192 484	9-7	LV30	Wash	Cro s Rip	radio app for	678
345685	9-9	Coco Solo	Wash	Coco Solo	radio apparatus W-	730-41
345488	9-9	Miami	Wash	Miami	ditto W	736-36
345489	9-9	Cape May	Wash	Cape May	ditto W	736-32
345496	9-9	Sims	NY	Sims-	radio apparatus W	787-1

RADIO SHIPMENT REQUEST.

Number.	Date.	From or To--		Subject.		
340537	9/9	Sperry G.Co.	Rockaway	Sperry Co.	radio apparatus	918
308537	9/9	Merchant vessels	Phila	Chasn	radio material	911
345502	9/9	TBDs	NY	Boston	radio material	906
345586	9/9	Batt. Force 1.	Wash	CO	radio apparatus	876
345503	9/9	rad. sta.	Wash	Jupiter	radio material	816
345323	9-10	LINE SWITERS	NY	Inscr Alabama	radio apparatus	34-5-6
345493	9-10	Coco Solo-	Wash	Coco Solo-	radio apparatus- W	735-41
345494	9-10	San Diego	Wash	San Diego-	ditto W-	735-40
345492	9-10	Rockaway	Wash	Rockaway-	ditto W-	735-39
345495	9-10	Pensa	Wash	Pensa	ditto W-	735-38
345491	9-10	Montauk	Wash	Montauk	ditto W-	735-37
345490	9-10	Chatham	Wash	Chatham	ditto W-	735-35
345175	9/10	Lafayette Rad sta	Wash	Phila	radio material	920
345167	9/10	B. of Stand.	Boston	Wash	radio apparatus	882-3
345675	9/10	rad. stations	NY	15th Dist	radio material	850
346473	9/10	rad. stations	Boston	15th Dist.	radio material	850
345677	9-10	Nav Radio Sch	Wash	LY	two 2step amplifiers	707
346106	9-10		Wash		Coast Guard Sta 53 audion control box for	704
346456	9-10	radio compass st	Wash	C.C. Sta 161	radio app for	
355169	9-11	VON STEUBEN	Wash	NY	radio set	90-X-6
346916	9-11	YANIKTON	Wash	CO	radio apparatus	490-6
346824	9-11	Rockaway	Wash	Rockaway	ditto W-	735-39
346822	9-11	Montauk	Wash	Montauk	ditto W	735-37
346325	9-11	Cape May	Wash	Cape May	ditto W-	735-32

RADIO APPARATUS, 1937

~~RECEIVERS~~

Number.	Date.	From or To--	Subject.	
341852	8-30	CHICAGO Wash	CO radio receivers	158-6
341857	8-30	CHICAGO NY	CO radio apparatus	497
341858	8-30	CHICAGO NY	CO radio apparatus	497
342509	9-3	Halifax Phila	NS radio material W	736-45
342510	9-3	Cape Breton - Phila	NS- ditto W	736-45
340855	9-3	Pensa Phila	Pensa- radio material- W	736-38
343353	9-3	Pensa Wash	Pensa- ditto W	736-38
343400	9-4	TEBS LY	Boston radio apparatus	16296
343399	9-4	TEBS Wash	Inspr FR radio apparatus	162-Q-5
343398	9-4	TEBS NY	I Is radio apparatus	296-Q-6
343397	9-4	TEBS Wash	I Is radio apparatus	296-Q-6
340036	9-4	FULTON Wash	CO radio apparatus	498-6
344039	9/4	Akron Brook.	CO radio apparatus	918
342797	9/4	Ind.Hd.Pro.Gds. Wash	Ind.Hd.Pro.Gds. radio material	856
343433	9/3	Rad.sta. NY	15th Dist. radio material	850
344029	9-4	Miami Wash	Miami- short wave receiver- W	736-36
344029	9-4	Key West Wash	Key West ditto W	736-35
344047	9-4	Hamp Rds Wash	Hamp Rds radio apparatus W	736-34
344030	9-4	Cape May Wash	Cape May short wave receiver- W	736-32
344031	9-4	Hamp Rds Wash	Hamp Rds ditto W	736-32
343395	9-4	Queens town Wash	stations Ireland- W radio apparatus	736-9
343395	9-4	Stations-France-Wash	Paulliac ditto W	736-9
343522	9-4 VOID	CRESY-LEE Norf	Post engines for	611-2
343723	9-4 VOID	CRESY-EVANS Norf	Post ditto	611-2

RADIO SHIP DATA SUMMARY

1918

Number.	Date.	From or To—	Subject.	
344025	9-6	TEBS Wash	USS LUCIE radio apparatus	99-Q-6
344485	9-5	OLYMPIA Norf	CO radio apparatus	324-6
344487	9/5	rad. station Wash	Annapolis radio apparatus	920
344484	9/5	Paulliac Gloucester Paulliac	radio material	928
337806	9/5	Aircraft Schenectady Norf.	radio apparatus	918
344028	9/5	vessels NY	Boston radio apparatus	902
344028	9/5	vessels NY	Ports. radio apparatus	902
344490	9/5	stock Brook	NY radio material	876
344491	9/5	rad. test shop NY	Wash radio material	876
344492	9/5	IDAHO NY	Camden radio material	876
344493	9/5	Const. Off. Brook.	Phila. radio apparatus	876
343389	9-5	LV34 Wash	Chasn radio receiver	578
344036	9-5	Coco Solo Wash	Coco Solo short wave radio receivers-W	736-41
344038	9-5	San Diego Wash	San Diego ditto W	736-40
344033	9-5	Rockaway Wash	Rockaway ditto W	736-39
344032	9-5	Pensa Wash	Pensa ditto W	736-38
344034	9-5	Montauk Wash	Montauk ditto W	736-37
344027	9-5	Paulliac Wash	Paulliac radio apparatus W	736-9
344027	9-5	Paulliac Wash	France ditto W	736-9
340077	9-4	ditto Norf	ditto ditto W	736-9
344035	9-5	Chatham Wash	Chatham short wave receivers W	736-33
345187	9-6	IDAHO Wash	CO radio apparatus	41-X-6
345186	9-6	IDAHO Phila	Ingr NYB radio apparatus	563-6

Number.	Date.	From or To--	Subject.	
340332	8-28	KWASIND Wash	CO radio receiver	1233SP
341893	8-28	NEVADA Wash	CO radio apparatus	133-6
341891	8-28	UTAH Wash	CO radio apparatus	455-6
341890	8-28	OKLAHOMA Wash	CO radio apparatus	533-6
340336	8/29	Rad. Test Shop Phila	Wash radio apparatus	519
340874	8-28	Pensa Inspcr Brook	Pensa ditto- W	736-38
341491	8-28	Pensa Inspcr Mass	Pensa ditto -W	736-38
341492	8-28	Air Sta-Ireland-Inspcr	Brook- Queenstown- ditto -W	736-9
341493	8-28	ditto Inspcr	GE- ditto ditto -W	736-9
341866	8-28	Har radio school Norf	Cambridge Mass ditto for	707
345105	8/29	Radio School NY	Cambridge ditto	876
342151	8/29	Rad. Sta. Wash	New Brunswick ditto	535-7
345550	8/29	Rad. Sta. NY	Br St ditto	535
341497	8-29	Wash	Little Silver NJ One 2-step amplifier	727
343429	8-31	LV 34 NY	Chasn one radio transmitter 120 volt	578
343429	8-31	LV 34 Norf	Chasn one 120 volt 80 ampere hr storage battery	578
342147	8-29	SUMMIT Wash	N Lond radio set	1-2-6
295042	8-30	SUMMIT Inspcr	FR Boston radio telegraph	586-6
295042	8-31	SUMMIT Inspcr	Lab NY radio sets	586-6
342516	8-30	SUMMIT NY	Inspcr Lab radio sets	95-0-6
342516	8-30	SUMMIT NY	Inspcr Lab radio set	78-0-6
342654	8/30	Rad. Sta. Phila	New Brunswick rad. apparatus	920-7
340889	9/3	NY Wash	NY rad. apparatus	916-1

RADIO LOG, CONT.

Number.	Date.	From or To—	Subject.	
337798	8/21	Air Station Boston	Rockaway radio apparatus	918
337799	8/21	Aircraft Boston	Montauk Pt. radio apparatus	918
337802	8/21	Aircraft Brook.	Montauk Pt. ditto	918
337803	8/21	Aircraft Wash	Montauk Pt. ditto	918
337804	8/21	Aircraft Brook.	Cape May ditto	918
337805	8/21	Aircraft Wash	Cape May ditto	918
339559	8/21	Rad. Compass Sta. Wash	Fire Island radio material	812
338110	8-20	MISSISSIPPI Phila	CO radio apparatus	562-6
338628	8-20	NEW JERSEY Phila	CO radio apparatus	313-6
338109	8-21	ARIZONA Phila	CO radio apparatus	529-6
338108	8-20	PENNSYLVANIA Phila	CO radio apparatus	150-6
338111	8-21	NEW MEXICO Phila	CO radio apparatus	554-6
339541	8-22	SOUTH CAROLINA Phila	CO radio apparatus	407-6
339542	8-22	NEW HAMPSHIRE Phila	CO radio apparatus	312-6
339545	8-22	MINNESOTA Phila	CO radio apparatus	290-6
339540	8-22	MICHIGAN Phila	CO radio apparatus	266-6
339543	8-22	KANSAS Phila	CO radio apparatus	255-6
339544	8-22	CONNECTICUT Phila	CO radio apparatus	169-6
337491	8-22	NEVADA Phila	USS UTAH radio apparatus	133-6
339547	8/22	Rad. Laboratory Wash	NY radio apparatus	916-1
339558	8/22	Rad. Trans. Sta. Wash	PS radio apparatus	805
339552	8-22	Paulliac NY	France- 11 radio stations- material-W-	736-9
339546	8-22	VERMONT Phila	CO radio apparatus	456-6
359704	8/23	Canal Zone Wash	Canal Zone radio apparatus	861
359157	8-24	GEORGE WASHINGTON Wash	CO radio apparatus	23-X-6

1918

RADIO SHIPMENT REPORTS

Number.	Date.	From or To	Subject.	
338839	8-24	Harv Radio Phila	Cambridge radio app for	707
339117	3/23	Rad. Lab. Wash	Wash radio apparatus	916
316985	8/26	Brest Wash	Brest radio apparatus	698
340095	8/24	Exp. Sta. Boston	NL radio apparatus	602-1
337191	8/24	Nav. Opera. Wash	Wash radio apparatus	840
340092	8-24	Queenstown NY	Ireland radio apparatus W	787-5
340090	8-24	Brest NY	France ditto W	787-3
340153	8-24	Queenstown Wash	Ireland ditto W	787-5
340093	8-24	Gibraltar NY	Gibraltar ditto W	787-1
340094	8-24	Paulliac NY	France- Radio stations radio apparatus- W	787-2
340074	8-26	Queenstown NY	Ireland radio apparatus W	787-5
340091	8-26	Base 18 NY	Base 18- ditto W	787-1
340877	8-26	Penza Wash	Penza- ditto W	736-38
341016	8-26	Radio stations Wash	Rad. stations. radio apparatus	698
316985	8/26	Gibraltar Wash	Gibraltar ditto	698
340880	8-27	USS O-1 Wash	USS O-1 radio	500-6
341573	8-27	MISSISSIPPI Wash	CO radio apparatus	562-6
340879	8-27	TEBS Wash	CO radio apparatus	113-4-C
341016	8/27	Rad. Stations Wash	Radio stations radio apparatus	698
341571	8/27	Rad. Laboratory Wash	Phila. radio apparatus	916-5
339529	8-26	Radio School Wash	Cambridge ditto	707
339690	8-23	Queenstown NY	Ire radio apparatus W	736-9

一、關於「中國」的定義
 二、關於「中國」的範圍
 三、關於「中國」的主權
 四、關於「中國」的領土
 五、關於「中國」的人口
 六、關於「中國」的經濟
 七、關於「中國」的文化
 八、關於「中國」的政治
 九、關於「中國」的法律
 十、關於「中國」的教育
 十一、關於「中國」的宗教
 十二、關於「中國」的藝術
 十三、關於「中國」的科學
 十四、關於「中國」的歷史
 十五、關於「中國」的地理
 十六、關於「中國」的民族
 十七、關於「中國」的語言
 十八、關於「中國」的社會
 十九、關於「中國」的國際關係
 二十、關於「中國」的未來

4 3281

RADIO SHIPMENT REQUEST

Number.	Date.	From or To—	Subject.	
337474	8-17	DE LONG Wash	CO radio apparatus	183-6
337475	8-17	SAILON Wash	D-3 radio apparatus	385-5
	17			
	17			
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237140	8-17	G.G.Acad NY	N Lon radio app for	704
338101	8-17	Corfu NY	Greece radio apparatus W	787-5
338102	8-17	ditto Wash	Greece ditto W	787-5
337809	8-16	Gibraltar NY	Gibraltar ditto W	787-1
337476	8-19	UTAH Phila	CO radio apparatus	455-6
336377	8-19	SUB CHASERS Boston	Insp Ford radio keys	2-2-8
337113	8-19 7/17	School Corf	Harvard Radio School radio for	727
337133	7/19	Air St. Wash	radio apparatus	918
337167	7/19	Air. Station Boston	ditto	719
337168	8/19	Air. St Boston	ditto	718
337489	8/19	Airport Boston	ditto	718
337510	7/19	Airport Boston	ditto	718
337495	7/19	Airport Boston	ditto	718
337497	7/19	Air Station Boston	ditto	718
337497	7/19	Air. St. Boston	ditto	718
	7/19			

RADIO SHIPMENT REQUESTS

70

Number.	Date.	From or To--		Subject.	
333224	8-8	ANNAPOLIS	Wash	CO	radio apparatus
334221	8-8	NEVADA	Phila	CO	ditto
332857	8-8	UTAH	Wash	CO	ditto
334223	8-8	OKLAHOMA	Wash	CO	ditto
334222	8-8	NEW MEXICO	Wash	CO	ditto
334204	8-7	Cape May	Insp. Div.	ok-Cape May-	ditto W
331563	8-8	ditto	ditto	ditto	ditto W
334202	8-7	Chatham	ditto	Chatham	ditto W
334560	8-8	ditto	ditto	ditto	ditto W
334564	8-8	Hamp Rds	ditto	Hamp Rds	ditto W
334556	8-7	ditto	ditto	ditto	ditto W
334566	8-8	Key West	ditto	Key West	ditto W
334570	8-8	ditto	ditto	ditto	ditto W
334537	8-8	Miami	ditto	Miami	ditto W
334568	8-8	ditto	ditto	ditto	ditto W
334203	3-7	Montana	ditto	Montana	ditto W
334557	8-8	ditto	ditto	ditto	ditto W
334561	8-8	ditto	ditto	ditto	ditto W
334565	8-8	Pensa	ditto	Pensa	ditto W
334569	8-8	ditto	ditto	ditto	ditto W
334205	8-7	Rockaway	ditto	Rockaway	ditto W
334562	8-8	ditto	ditto	ditto	ditto W
334740	8/8	W. Va. Comm	ditto	ditto	ditto
334901	7/8	Wash	ditto	ditto	ditto

RADIO EQUIPMENT REQUEST

Number.	Date.	From or To—	Subject.	
334578	8/8	Rad. Station Wash	Bar Harbor radio apparatus	324
334583	8/8	Rad. Station Wash	Bar Harbor radio apparatus	322
334580	8/8	Rad. Station Wash	Bar Harbor radio apparatus	313
333548	8/8	Coast Cd. Jitters Wash	Gibraltar radio apparatus	702
330515	8-8	Coast Geod. Steamer- FATHOMER- Mare Island	radio material- W- Manila-	727
333463	8-8	Norfu NY	Greece radio apparatus W	787-5
333463	8-8	Corfu East	Greece ditto W	787-5
334562	8-8	Rockaway Inspr Brook	Rockaway ditto W	756-59
334558	8-9	ditto ditto	ditto ditto W	756-59
334227	8-9	Hamp Rds ditto	Hamp Rds ditto W	736-34
334559	8-9	Cape May ditto	Cape May ditto W	736-32
292042	8-9	TEDS NY	Inspr ER radio apparatus	82-4-6
335150	8-9	AMERICA Wash	CO Radio Apparatus	3-X-6
335169	8-9	VON STEUBEN Norf	CO radio apparatus	90-X-6
334507	8-9	ARKANSAS Wash	CO wave meter	121-6
335141	8-9	NEBRASKA Wash	CO radio apparatus	308-6
335437	8-10	ROMER Wash	CO radio apparatus	1047SP
335142	8-10	LOUISIANA Wash	CO radio apparatus	268-6
335141	8-10	RALEIGH Wash	CO radio apparatus	368-6
335148	8/9	Sub.Base, Comm. Boston	Sub.Base radio apparatus	876
335148	8/9	ditto Phila	ditto ditto	876
335148	8/9	ditto NY	ditto ditto	876
335148	8/10	ditto Wash	ditto ditto	876
335179	8/5	Rad. Station Wash	St. George radio apparatus	322

RADIO SHIPMENT REPORTS

Number.	Date.	From or To—	Subject,	
335140	8-10	School NY	Harvard Radio School radio app	707-6
333572	8-12	SEATTLE NY	CO radio set	474-6
333063	8-12	NEW MEXICO Wash	CO radio apparatus	554-6
336149	8-10	SUMNERIES NY	N Lond radio apparatus	574-6
333572	8-12	SEATTLE Wash	CO storage cells	474-6
330515	8-12	NY	San Francisco radio appfor FATHOMER 727	
334573	8-12	Pavillac Phila	France radio appratus W	736-9
333572	/	SEATTLE Wash	CO storage cells	
333572	/9	SEATTLE Wash	CO storage cells	
333572	/10	SEATTLE Wash	CO storage cells	
333572	/11	SEATTLE Wash	CO storage cells	
333572	/12	SEATTLE Wash	CO storage cells	
333572	/13	SEATTLE Wash	CO storage cells	
333572	/14	SEATTLE Wash	CO storage cells	
333572	/15	SEATTLE Wash	CO storage cells	
333572	/16	SEATTLE Wash	CO storage cells	
333572	/17	SEATTLE Wash	CO storage cells	
333572	/18	SEATTLE Wash	CO storage cells	
333572	/19	SEATTLE Wash	CO storage cells	
333572	/20	SEATTLE Wash	CO storage cells	
333572	/21	SEATTLE Wash	CO storage cells	
333572	/22	SEATTLE Wash	CO storage cells	
333572	/23	SEATTLE Wash	CO storage cells	
333572	/24	SEATTLE Wash	CO storage cells	
333572	/25	SEATTLE Wash	CO storage cells	
333572	/26	SEATTLE Wash	CO storage cells	
333572	/27	SEATTLE Wash	CO storage cells	
333572	/28	SEATTLE Wash	CO storage cells	
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333572	/30	SEATTLE Wash	CO storage cells	
333572	/31	SEATTLE Wash	CO storage cells	
333572	/32	SEATTLE Wash	CO storage cells	
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333572	/42	SEATTLE Wash	CO storage cells	
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333572	/264	SEATTLE Wash	CO storage cells	
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333572	/269	SEATTLE Wash	CO storage cells	
333572	/270	SEATTLE Wash	CO storage cells	
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333572	/285	SEATTLE Wash	CO storage cells	
333572	/286	SEATTLE Wash	CO storage cells	
333572	/287	SEATTLE Wash	CO storage cells	
333572	/288	SEATTLE Wash	CO storage cells	

RADIO SHIPMENT REQUEST

Number.	Date.	From or To--	Subject.	
333463	8-13	Gorfu Bost	Greece radio apparatus W	787-5
334572	8-13	Cape Breton Inspec Brook	Nova Scotia radio apparatus W	736-44
335870	8-13	Cape May Wash	Cape May ditto W	736-39
335871	8-13	Pensa (R) Inspec Mass	Pensa ditto W	736-38
334228	8-13	Radio School Wash	Pensa ditto W	736-
336495	8-14	SUMARINE H Lond	Plymouth, Eng, radio apparatus	1-2-6
336491	8-14	TDS N Y	Inspec HYS radio apparatus	. 125-Q-6
336-90	8-15	Radio StationAmapolis	Seyville radio material	920
33687	8-14	Radio Station NY	Manport radio material	000
33615	8-14	Roller-Smith Co Phila	Roller-Smith Co. radio apparatus	500
335865	8-12	Phila	Harvard Radio School radio app for	707-6
336496	8-14	Norr	ditto ditto	707
335704	8-04	Halifax Inspec Brook	Nova Scotia radio apparatus W	736-44

Number.	Date.	From or To—		Subject.		
335979	7-30	TED	Wash	Boston	radio apparatus	75-Q-6
330326	7-30	TED	Wash	Inspr FR	ditto	95-Q-6
330227	7-30	TED	Wash	Inspr Cramp's	ditto	116-Q-6
331014	7-30	TED	Wash	Inspr NN	ditto	119-Q-6
331015	7-30	TED	Wash	Inspr KYS	ditto	125-Q-6
328370	7-30	SIATIA	Wash	CO	ditto	543 SP
329537	7-30	SUBMARINE CHASER N Lond Essington Shipbldg Co				Ditto
325292	7-30	SUBMARINE CHASER Phila		CO	ditto	1-2-21
331020	7-30	Pensa	Wash	Pensa	ditto W	736-38
330917	7/30	Rad. Repair Base	NE	Gibr. lter	ditto	902
274361	7/30	Block Is.	Boston	and Dist.	ditto	554
330375	7/29	Rad. Sta.	Wash.	Pearl Harbor	ditto	852
303374	7/29	Rad. Sta.	Wash	Guam	ditto	813
330373	7/29	Rad. Sta.	Wash	Cavite	ditto	806
331041	7-31	SUBMARINE D-3	Wash	CO	ditto	385-6
335876	7-30	TBDS	Wash	M Is	ditto	71-Q-6
335877	7-30	TBDS	Wash	Norf	ditto	70-Q-6
331022	7/31	Rad. Sta.	Wash.	Guam	ditto	813
320389	7-31	Cape May	Norf	Cape May	radio apparatus W	793-5
331040	7-31	Base 15	Wash	Base 15	ditto W	787-5
331042	7-31	Radio Station	Wash	Corfu Greece	ditto W	787-5
250387	7-30	Radio Div	Wash	bu SE	ditto W	736-40
330373	7-31	Montauk	Inspir Elms	Montauk	ditto W	736-37
331032	7-31	Clatsop	ditto	Clatsop	ditto W	736-38

Number.	Date.	From or To—	Subject.	
331020	7-20	Pensa Wash	Pensa radio apparatus W	736-38
332506	8-1	SUBMARINES Wash	CO ditto	322-6
331048	8-1	SUBMARINES Wash	CO ditto	419-6
330390	8-1	MELVILLE Wash	CO ditto	510-6
331049	8/1	San. Hts. Wash	Itita. ditto	598
331063	8/1	Albany N. Y. Wash	It. ditto	898
331501	7-1	Base 18 Wash	Base 18 radio apparatus W	787-1
331501	7-1	Itito Wash	Itito ditto W	787-1
331501	7-1	Itito NY	Itito ditto W	787-1
330507	7-1	San Diego Wash or Frank	San Diego ditto W	735-10
330564	7-31	Rockaway Wash or Frank	Rockaway ditto W	735-39
330566	7-31	Hamp Ids Wash	Hamp Ids ditto W	735-34
330565	7-31	Cape May Wash	Cape May ditto W	735-35
332755	8-2	SAVANNAH Wash	CO ditto	80-X-6
332509	8-2	BONITA Wash	CO ditto	140-6
332756	8-2	DENVER Wash	CO radio material	184-6
332754	8-3	NEWPORT Wash	CO radio apparatus	515-6
332523	8-2	ROCHESTER Wash	CO radio material	316-6
332524	8-2	ST LOUIS Wash	CO radio material	383-6
332510	8-2	SUBMARINE Wash	CO radio apparatus	403-6
332507	8-2	SUBMARINES Wash	CO radio apparatus	415-6
332512	8-2	SUBMARINES Wash	CO radio apparatus	420-6
332511	8-2	SUBMARINES Wash	CO radio apparatus	420-6
332753	8-3	TOPEKA Wash	CO radio apparatus	439-6

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Number.	Date.	From or To—		Subject.		
332513	8-2	SUBMARINE	Wash	CO	radio apparatus	421-6
332514	8-2	SUBMARINE	Wash	CO	ditto	421-6
332748	8-2	SUBMARINE	Wash	CO	ditto	421-6
332508	8-2	Submarine	Wash	CO	ditto	429-6
332750	8-2	SUBMARINE	Wash	CO	ditto	505-6
332750	8-2	SUBMARINE	Wash	CO	ditto	505-6
332750	8-2	SUBMARINE	Wash	CO	ditto	505-6
331819	8/2	Rad. Repair Base	NY	Gibraltar	ditto	902
332750	8/3	Fire Island	Wash	Fire Island	ditto	812
332758	8/3	Rad. Station	Wash	Cape Cod	ditto	802
333025	8-5	A. Cos	Wash	A. Cos	ditto W	727-1
333025	8-5	Base 13	NY	Base 13	ditto W	727-5
333261	8-5	TBDS	NY	CO	ditto	80-Q-6
332925	8-5	TBDS	NY	Inspr NYS	radio material	119-Q-6
332060	8-5	TBDS	NY	Inspr MN	ditto	161-Q-6
333266	8-5	CALDEN	Wash	CO	radio apparatus	20-X-6
333289	8-5	PATTERSON	Wash	CO	ditto	335-6
333267	8-5	RAINBOW	Wash	CO	ditto	367-6
333457	8-5	SUBMARINE	NY	K-1	radio material	421-6
333270	8-5	HENLEY	Wash	CO	radio apparatus	442-6
333276	8-5	NEW MEXICO	Wash	CO	ditto	554-6
335733	7/5	Training Stn.	Wash	Great Lakes	radio apparatus	822
335733	7/6	Radio Station	Wash	Tahiti	ditto	846
335733	7/7	Radio Station	Wash	Radio Station	ditto	845
335733	8/7	Rad. Laboratory	Wash	Radio Laboratory	radio material	850

Number.	Date.	From or To--		Subject.		
333700	8/6	Rad. Station	Wash	To 1st Lt.	ditto	3-4
333703	8/6	Rad. Station	Wash	1st Lt.	ditto	3-9
333704	8/6	Rad. Station	Wash	1st Lt.	ditto	3-7
333706	8/6	Rad. St.	Wash	1st Lt.	ditto	3-6
333707	8/6	Rad. St.	Wash	1st Lt.	ditto	3-6
333708	8/6	Rad. St.	Wash	1st Lt.	ditto	3-5
333709	8/6	Rad. St.	Wash	1st Lt.	ditto	3-4
333710	8/6	Rad. St.	Wash	1st Lt.	ditto	3-9
333453	8-6	Quantanamo	Wash	Quantanamo-	ditto W	793-5
333463	8-5	Corfu	Phila	Greece	ditto W	787-5
333463	8-5	ditto	Norfolk	ditto	ditto W	787-5
334199	8-7	MINE SWEEPERS	NY	Inspt Stand	ditto	10-8-6
334509	8-7	SIATIA	Wash	CO	ditto	5433P
334040	8-7	SUBMARINES	Wash	D-2	ditto	221-6
334043	8-7	SUBMARINES	Wash	G-1	ditto	393-6
334041	8-7	SUBMARINE	Wash	E-1	ditto	401-6
334042	8-7	SUBMARINE	Wash	E-2	ditto	401-6
334046	8-7	SUBMARINE	Wash	G-4	ditto	436-6
334044	8-7	SUBMARINES	Wash	G-2	ditto	452-6
334038	8-7	SUBMARINE	Wash	K-5	ditto	505-6
334045	8-7	SUBMARINE	Wash	G-5	ditto	559-6
334043	8-7	Azores	NY	Azores	ditto W	757-1
334044	8-7	Azores	Norfolk	Azores	ditto	787-1
334045	8-7	Azores	Norfolk	Azores	ditto	787-1
334046	8-7	Azores	Norfolk	Azores	ditto	787-1

Number.	Date.	From or To—	Subject.	
329923	7-22	NEW YORK	radio apparatus	69-771
328487	7-22	SUBMARINES Wash	CO radio apparatus	574-6
329926	7-26	RAINBOW N Y	CO radio material	367-5
329929	7-26	RAINBOW Phila	CO radio material	367-6
305985	7-27	AIRPLANES NY	Paullac radio apparatus	736-9
330212	7-26	Siasconsett Wash	Siasconsett radio apparatus	735-5
329925	7-26	MONTANA Wash	NY radio receiver	516-771
329915	7-26	MONTANA Wash	NY radio receiver	515-771
330214	7/26	Dist. Base Wash	EL radio apparatus	698
329924	7/26	Rad. Station Norfolk	Great Lakes radio apparatus	804
330369	7-29	NEW JERSEY Wash	CO radio apparatus	313-6
330371	7-29	SUBMARINE G-1 Wash	CO radio apparatus	393-6
330376	7-29	SUBMARINES Wash	CO radio apparatus	574-6
329374	7-25	WROOGLAND Wash	WROOGLAND radio apparatus	407-771
330223	7/29	Phil./ Chicago	Phila. radio apparatus	716
305205	7-29	Queens town NY	Ire radio apparatus	722-9
328272	7-29	Bay Shore Wash	Bay Shore radio material	736-51
328274	7-29	Chatham Wash	Chatham ditto	736-33
328273	7-29	Montauk Wash	Montauk ditto	736-37
328275	7-29	Rockaway Wash	Rockaway ditto	736-39
332762	8-5	Wash	Cape May one two-step radio amplifier	731
329300	7-25	Wash	radio apparatus	32-771
329301	7-25	Wash	ditto	732-56
329302	7-25	Wash	ditto	736-56

Number.	Date.	From or To—	Subject.	
333460	2-5	Key West Base Wash	Key West Base Wash	700-54
333471	2-5	Ham. RMs ditto	Ham. RMs ditto W	700-54
333487	2/5	Thila. Wash	Thila. ditto	920
333508	2/5	Sail-Chaser Base Wash	NL ditto	875
333508	2/5	Radio Officer Wash	North. ditto	876
333561	2/5	R.d. Station	Virgin Is. ditto	865
333554	2/5	R.d. Station	St. Isabel ditto	865
333579	2/5	R.d. Station	Port Royal ditto	868
333577	2/5	R.d. Station	St. John V. ditto	841
333584	2/5	R.d. Station	San Diego ditto	860
333577	2/5	R.d. Station	Aurora ditto	857
333580	2/5	R.d. Station	Jupiter ditto	316
333585	2/5	R.d. Station	Port Antonio I. ditto	311
333586	2/5	R.d. Station	Colon ditto	808
333572	2/5	R.d. Station	El Fort ditto	800
3334039	8-6	SUBMARINE Wash	D-1 ditto	305-6
3332515	8-6	SUBMARINE Wash	K-3 ditto	421-6
333735	8-6	Wash	Pekin China one two-stop radio amplifier	657
3334191	8-6	Wash	St Paul Alaska ditto	647
333733	8-6	Radio Sta Wash	El Cayey Porto Rico ditto	635
333769	8-6	Wash	Sequard Alaska one two stop radio amplifier	660
333505	8-7	Rockaway Ins. or Rock	Rockaway Ins. or Rock	700-59
333556	8-7	Ham. RMs ditto	Ham. RMs ditto W	700-54

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Number.	Date.	From or To—	Subject.	
328568	7/23	Rad. Station Phila.	Radio, V..	radio apparatus 841
327853	7/23	Nav. Station Wash.	Pearl Harbor	ditto 852
328575	7/23	Phila Wash.	Phila	ditto 919
328970	7/23	So. Bldg. Wash.	Wash.	radio apparatus 920
328599	7/23	Nav. Rad. Sta. Wash.	Bar Harbor	ditto 920-2
328569	7/23	Rad. Station Wash.	Tuckerton	ditto 920-9
327795	7-23	TBDS NY	Inspr NN	Radio apparatus 119-Q-6
328570	7-23	PENNSYLVANIA Wash	CO	Radio apparatus 130-6
328833	7-23	NEW YORK Wash	CO	Wave meter 131-6
328834	7-23	TEXAS Wash	CO	wave meter 132-6
328564	7-23	CONNECTICUT Wash	CO	wave meter 169-6
329252	7-23	FLORIDA Wash	CO	wave meter 205-6
328831	7-23	KANSAS Wash	CO	wave meter 255-6
328563	7-23	MICHIGAN Wash	CO	wave meter 286-6
328566	7-23	LOUISIANA Wash	CO	wave meter 268-6
327284	7-23	MINNEAPOLIS N Y	Phila	radio apparatus 289-6
328565	7-23	MINNESOTA Wash	CO	wave meter 290-6
328832	7-23	NEW HAMPSHIRE Wash	CO	wave meter 312-6
328278	7-23	NORTH CAROLINA Wash	Ports	radio apparatus 320-6
328488	7-23	SOUTH CAROLINA Wash	CO	wave meter 407-6
328971	7-23	SUBMARINES Wash	Pg Sd	radio apparatus 420-5
328564	7-23	VERMONT Wash	CO	wave meter 456-6
328835	7-23	WYOMING Wash	CO	wave meter 488-6
327911	7-23	MISSISSIPPI Wash	CO	wave meter 562-6

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Number.	Date.	From or To—	Subject.	
327920	7-22	Miami Wash	Miami radio apparatus W	736-36
328270	7-22	Hamp Rds Wash	Hamp Rds radio material W	736-34
328271	7-22	Cape May Wash	Cape May radio apparatus	736-32
327916	7-20	Phil ac Phila	France ditto W	736-9
327917	7-20	ditto Phila	France ditto W	736-9
327019	7-23	Ch. Acad Wash	I Lon ditto	704
322804	7-24	TBDS Wash	M Is radio apparatus	92-Q-6
329255	7-24	EX RUSSIAN NY	Pg Sound radio apparatus	4-Q-6
329266	7-24	TBDS NY	Inspr NN radio apparatus	119-Q-6
329253	7-24	DELAWARE Wash	C O Wave meter	182-6
329268	7-24	SUPPLY Wash	CO radio apparatus	422-6
327059	7/24	Ensign Crossley Wash	Ensign Crossley Radio apparatus	720-12
329263	7/24	Rad. Station Wash	Wash. radio apparatus	920
327904	7/23	vessels NY	NorF. radio apparatus	902
327795	7-25	TBDS Boston	Inspr NN radio apparatus	119-Q-6
286835	7-25	TBDS NY	Inspr Bath radio apparatus	75-Q-6
303433	7-25	OLYMPIA NY	LIVERPOOL radio apparatus	324-6
329919	7/25	Third Dist. Wash	3rd. Dist. radio apparatus	898
328189	7-25	Base 6 Wash	Base 6 ditto	787-1
329913	7-25	NY	NY ditto	771-771
329912	7-25	NY	NY ditto	771-771
329910	7-25	NY	NY ditto	771-771
329911	7-25	NY	NY ditto	771-771
329914	7-26	NY	NY radio receiver	236-771
329927	7-26	NY	NY radio material	3-771

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Number.	Date.	From or To--	Subject.	
327154	7-17	Pensa Inspers Brook	Pensa radio receiver-airplane	736-38
327156	7-18	Miami ditto	Miami ditto ditto	736-36
327155	7-17	Key West ditto	Key West ditto ditto	736-35
327152	7-17	School Wash	Cambridge radio app for	707
327157	7-19	Hamp Rds Inspers Brook	Hamp Rds radio apparatus for- W	736-34
327154	7-17	Pensa ditto	Pensa airplane radio receivers	736-38
327150	7-19	Montauk NY	Montauk radio apparatus	736-37
327147	7-19	Wash	Ford radio set	7-2-6
327146	7-20	Wash	radio apparatus	7-2-6
327145	7-20	Wash	Liverpool radio apparatus	7-2-10
327141	7-19	Wash	C O radio apparatus	7-2-5
327142	7-20	Wash	C O wave meter	7-2-6
327143	7-19	Wash	C O radio apparatus	7-2-5
327127	7-20	Elec School Parts	Hamp Rds Elec material	
327126	7-19	Hamp Rds	Hamp Rds 2 sets airplane engine parts	
327122	7-16	Brook	Clatham, Mass valve accessories	
327117/18	7-17	Brook	Hamp Rds 10 sets engine parts	
327116/19	7-19	Brook	Key West 2 sets spare parts	
327115/18	7-19	Hamp Rds	Great Lakes 1 set airplane engine spare parts	
327114/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327113/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327112/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327111/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327110/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327109/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327108/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327107/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327106/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327105/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327104/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327103/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327102/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327101/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	
327100/18	7-19	Hamp Rds	Richmond Co - Seattle 10 sets airplane engine parts	

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RADIO TRANSMISSIONS

Number.	Date.	From or To—	Subject.	
1081224/18	7-19	Aero store stock New York	Brook sink dump? can 1s ship order	-29
327907	7-20	C. G. Sta 123 NY	Cape 1. 1. 1. radio app for	704
327908	7-20	C. G. Sta 123 NY	1. 1. 1. 1. is V. 1. 1. 1. ditto	704
327059	7/20	Ensign Crossley NY	Boston radio apparatus	920-12
327162	7-20	Rockaway Inspcr Brook	Rockaway radio apparatus	736-39
327918	7-20	Pansa Wash	Pansa ditto W	736-38
327160	7-20	Montank Inspcr Brook	Montank ditto W	736-37
327919	7-20	Key West Wash	Key West ditto W	736-35
327159	7-20	Bayshore Inspcr Brook	Bayshore ditto W	736-31
327158	7-20	Cape May ditto	Cape May ditto W	736-31
286835	7-22	TBD NY	Inspr Bath radio apparatus	75-Q-6
328482	7-22	NEVADA Wash	C O wave meter	133-6
325326	7-22	INDUOIS WASH	CO radio apparatus	246-6
328483	7-22	UTAH Wash	C O Wave meter	455-6
328481	7-22	OKLAHOMA Wash	C O wave meter	522-6
328295	7-22	MISSISSIPPI Boston	Norfolk radio apparatus	562-6
328479	7-22	MISSISSIPPI Wash	C O radio apparatus	562-6
328480	7-22	MISSISSIPPI Wash	C O radio apparatus	562-6
328548	7-22	MISSISSIPPI NY	11th Dist ditto	727
514998	7/22	Radio Station Wash.	Chil. radio apparatus	898
528291	7/20	vessels NY	Boston radio tel. 1. 1. 1. 1.	902
528291	7/22	vessels NY	Chil. radio tel. 1. 1. 1. 1.	902
327059	7/22	Ensign Crossley Wash	Ensign Crossley radio apparatus	920-12

Number.	Date.	From or To—	Subject.	
32211	7-1	ALBANY NY	ALBANY - radio apparatus -	707-5
32213	7-1	ALBANY NY	ALBANY - radio apparatus -	707-1
32215	7-5	ALBANY NY	Albany ditto -	707-1
32217	7-5	ALBANY NY	Albany ditto -	707-1
32219	7-5	ALBANY NY	Albany ditto -	707-1
322204	7-6	Wash	C.G. Depot Baltimore radio app for	704
322225	7-6	Wash	C.G. Depot Baltimore radio app for	704
322297	7-6	NY	C.G. Depot Baltimore radio app for	704
322298	7-6	Bost	C.G. Depot Baltimore ditto	704
322299	7-6	Wash	CO radio apparatus	450-6
322302	7-6	Wash	CO radio apparatus	450-6
322309	7-5	NEW MEXICO Wash	NY radio apparatus	554-6
322309	7-5	NEW MEXICO Wash	CO radio apparatus	554-6
322309	7-5	NEW MEXICO Phila	NY radio equipment	554-6
322992	7/5	Radio Station Wash.	Phila radio apparatus	828
322032	7/6	CO Sub. Wash	NL wave motor	893-4
322058	7-8	NY	Cape Henry radio app	704
322726	7-9	NY	C.G. CAMPBELL ditto	704
322726	7-9	Wash	ditto ditto	704
322861	7-9	NY	2nd Dist radio apparatus	93-Q-6
322862	7-9	SILVER, SP Wash	CO radio apparatus	543 SP
322865	7-9	MONTROSS Wash	Paullac radio apparatus	236-9
322866	7-2	SMITH Wash	CO radio apparatus	474-6
322854	7-9	Inter R. Tel. Co. Brook.	Brook. radio apparatus	918
322855	7-9	Phila Brook.	Phila radio apparatus	918

RADIO SHIPMENT REQUEST

Number.	Date.	From or To—	Subject.	
323862	7-9	Corfu Wash	Greece Radio apparatus W	787-5
323750	7-10	Phila Wash	Phila Radio apparatus	920
324486	7-11	SUPPLY Wash	CO radio apparatus	422-6
324488	7-11	Exper. Station Wash.	NL radio apparatus	918
322992	7-11	Radio Station Wash.	Phila. radio apparatus	828
324484	7-11	Radio Station Phila.	Guam radio apparatus	813
324758	7-12	SUMMITTIE CHASERS Wash	Sub Force radio apparatus	1-4-6
324485	7-12	WASH Wash	CO radio apparatus	255-6
325294	7-13	SUMMITTIE CHASERS Wash	W-5 radio apparatus	367-6
324760	7/12	CO Balboa Ny	CO Balboa radio apparatus	850
325292	7-15	SUMMITTIE CHASER Phil	Key West radio apparatus	1-3-21
324762	7-15	WASH Wash	CO radio apparatus	121-6
325120	7-15	Coast Guard Wash	London radio app for	704
320299	7-15	Plymouth Wash	England radio apparatus-	787-1
325763	7-16	Chatham Wash	Chatham radio apparatus	736-33
310629	7-17	COAST GUARD-1 NY	Insp R radio apparatus	588-6
325054	7-17	COAST GUARD-2 Wash	W-2 radio apparatus	419-6
292042	7-17	TRANS NY	TRANS radio apparatus	62-4-6
325853	7-17	Hamp Rds Wash	Hamp Rds radio apparatus- W	736-34
326053	7-18	TEBS Boston	Insp R radio apparatus	136-6
327059	7/18	Ensign Crossley Norf.	Boston Radio apparatus	920-12
327162	7/18	Amer. Transformer Co. Wash.	Amer. T. Co. radio apparatus	904
327360	7/18	Norf. Wash.	Norf. radio apparatus	82-1

Number.	Date.	From or To--	Subject.	
321200	7-2	INSR N.Y.	radio apparatus	137-6
321786	7-2	INSR Boston	radio apparatus	75-6
32186	7-2	INSR N.Y.	radio apparatus	65-6
321492	7-2	INSR Wash	radio set	131-6
321493	7-2	INSR Wash	radio set	133-6
321916	7-2	INSR Wash	radio apparatus	147-6
321496	7-2	INSR Wash	radio set	153-6
321495	7-2	INSR Wash	radio set	205-6
321499	7-2	INSR Wash	radio set	255-6
321910	7-2	INSR Boston	radio apparatus	264-6
321498	7-2	INSR Wash	radio set	268-6
320368	7-2	INSR N.Y.	radio apparatus	273-6
320931	7-2	INSR Wash	radio set	286-6
321497	7-2	INSR Wash	radio set	290-6
321914	7-2	INSR Wash	radio set	312-6
321491	7-2	INSR Wash	radio set	407-6
321308	7-2	INSR Wash	radio sets	420-6
321494	7-2	INSR Wash	radio set	488-6
314192	7-2	INSR Wash	radio amplifiers	574-6
322209	7/2	Rad. Station Wash.	Atlantic City	864
320804	7/2	Rad. Station Wash.	Great Lakes	854
321913	7/2	Rad. Station Wash	Cavite	806
32192	7-2	signal corps Wash	Am exp forces	ditto
32199	7-5	Brigade Wash	radio apparatus	727

RADIO INVENTORIES

Number.	Date.	From or To—	Subject.	
318219	7-3	Wash	Radio app for order of 1-32 to radio app for order of 1-32 to radio app for order of 1-32 to	779-771
321713	7-3	Wash	Radio app for order of 1-32 to	779-771
322808	7-3	Wash	CO radio amplifier	95-2-6
322199	7-3	N Y	Inspr Gramps radio set	143-2-6
290878	7-3	N Y	Inspr Ford radio apparatus	2-2-6
322203	7-3	Wash	CO radio apparatus	204-6
322201	7-3	Wash	CO radio apparatus	257-6
322201	7-3	N Y	CO radio apparatus	262-6
310696	7-3	Boston	Inspr FR radio apparatus	586-6
321629	7-3	East	Radio apparatus	727-1
321629	7-3	NY	ditto ditto	727-1
321629	7-3	Wash	ditto ditto	727-1
322205	7-3	NY	C.G.C. M RILL radio app for	704
322205	7-3	Wash	ditto ditto	704
310643	7-3	NY	Lost vacuum tubes	919
322821	7-5	Wash	Radio app for order of 1-32 to	756-54
322819	7-5	Wash	Ireland ditto	755-9
322822	7-5	Wash	C.G.C. SNOOLISH radio app for	704
322823	7-5	NY	C.G.C. PALLICO ditto	704
322823	7-5	Wash	ditto ditto	704
323126	7-5	NY	C O RILLIE radio apparatus	1-2-6
323126	7-5	Wash	C O RILLIE radio material	1-2-6
323352	7-5	NY	Inspir FR radio apparatus	105-06
323352	7-5	Boston	Inspir FR radio apparatus	105-0-6

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Number.	Date.	From or To		Subject.		
319923	6/27	Wash.	NY	Wash	radio apparatus	898
320735	6/27	Nav. Station	NY	Cavite	radio apparatus	805
316546	6-28	SUMNERIES	Boston	Inspr FR	radio apparatus	78-C-6
284928	6-28	SUMNERIES	Boston	Inspr Lake	Ditto	98-0-6
284928	6-28	SUMNERIES	B Y	Inspr Lake	ditto	98-0-6
320721	6-28	TEBS	Boston	M. Is.	ditto	140-2-6
320723	6-28	TEBS	Boston	Cramp's	ditto	143-Q-6
320922	6-28	TEBS	Boston	K Y S	ditto	157-2-6
320607	6-28	TEBS	Boston	M. Is/	ditto	174-2-6
320722	6-28	TEBS	Boston	M. Is.	ditto	296-2-6
320736	6-28	PENNSYLVANIA	Wash	C O	ditto	130-6
320736	6-28	PENNSYLVANIA	N Y	C O	ditto	130-6
320918	6-28	FLORIDA	Wash	C O	radio amplifiers	135-6
320717	6-28	TEXAS	Wash	C O	ditto	135-6
320718	6-28	NEW YORK	Wash	C O	ditto	131-6
320928	6-28	CONNECTICUT	Wash	C O	ditto	169-6
320733	6-28	FLORIDA	Wash	C O	ditto	205-6
320734	6-28	FLORIDA	Wash	C O	ditto	205-6
317651	6-28	UTAH	Wash	CO	radio apparatus	358-6
320919	6-28	UTAH	Wash	CO	radio amplifier	455-6
320920	6-28	VERMONT	Wash	CO	radio amplifier	456-6
320734	6-28	WYOMING	Wash	CO	radio amplifiers	488-6
320517	6-28	ARIZONA	Wash	CO	radio amplifiers	529-6
320719	6-28	NEW MEXICO	Wash	CO	radio amplifiers	554-6
320720	6-28	MISSISSIPPI	Wash	CO	radio amplifiers	562-6

RADIO SHIPMENT REQUEST

Number.	Date.	From or To—	Subject.	
320716	6/28	Marine Corps Wash.	Phila	radio apparatus 876
271097	6/29	PERRY NY	PERRY	radio apparatus 906
271097	6/29	PERRY Wash	PERRY	radio apparatus 906
271006	6-29	NY	C.G.C. TAMPA	ditto 704
271006	6-29	NY	C.G.C. ITASCA	ditto 704
271006	6-29	NY	C.G.C. ACUSHNET	ditto 704
271006	6-29	Wash	C.G.C. TAMPA	ditto 704
271006	6-29	Wash	C.G.C. ACUSHNET	ditto 704
320740	7-1	TEXAS Wash	CO	Radio Set 130-6
320712	6-29	NEVADA Wash	CO	Ditto 133-6
320715	7-1	CONNECTICUT Wash	CO	Ditto 169-6
321486	6-29	KANSAS Wash	CO	Radio amplifier 255-6
321485	6-29	LOUISIANA Wash	CO	Radio apparatus 260-6
321487	6-29	NEW HAMPSHIRE Wash	CO	Radio amplifier 312-6
320714	7-1	NORTH DAKOTA Wash	CO	Radio set 321-6
320711	6-29	UTAH Wash	CO	Ditto 455-6
320710	7-1	Vermont Wash	CO	Ditto 456-6
320713	7-1	OKLAHOMA Wash	CO	Ditto 522-6
320739	6-29	NEW MEXICO Wash	CO	Ditto 554-6
320738	6-29	MISSISSIPPI Wash	CO	Ditto 562-6
320732	6-29	Illinois NY	Trace	radio apparatus 611-6

RADIO SHIPMENT REQUEST

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Number.	Date.	From or To—	Subject.	
312352	6-24	Wash	radio amplifier	675-771
312353	6-24	PASTORES Wash	ditto	607-771
312354	6-24	ORIZABA Wash	ditto	574-771
312348	6-24	MONGOLIA Wash	ditto	110-771
312355	6-24	Wash	ditto	511-771
312343	6-24	Wash	ditto	408-771
312349	6-24	Wash	ditto	411-771
312460	6-25	TBD Boston	Inspr Gramps radio apparatus	142-Q-6
312460	6-25	TBDS Boston	Inspr F R ditto	161-Q-6
312460	6-25	TBDS Boston	Inspr Bethlehem ditto	261-Q-6
319322	6-25	BUFFALO N Y	C O ditto	144-6
319257	6-25	MICHIGAN Wash	C O radio amplifier	286-6
319255	6-25	MINNESOTA Wash	C O ditto	290-6
319256	6-25	SOUTH CAROLINA WASH	C O ditto	407-6
319924	6/25	Wash. Boston	Wash. condensers	882-1
311901	6-25	Naval Base IV	Corfu Greece radio apparatus listed	787-5
319254	6-25	Wash	radio amplifier	26-771
318944	6-25	Wash	ditto	532-771
319435	6-25	Wash	ditto	510-771
319434	6-25	Wash	ditto	500-771
319933	6-22	Wash	ditto	127-771
		above cancelled	June 24th 1918	
310804	6-25	Bost	radio apparatus	61-771
310804	6-25	Phila	ditto	67-771
330283	6-26	N Y	C O radio apparatus	264-6
319436	6-26	Wash	C O radio amplifier	532-6

RADIO SHIPMENT REQUEST

Number.	Date.	From or To—	Subject.
315904	6-26	NY Wash	NY radio field sets
315901	6-26	Navy Base Manila	Corfu +reece radio apparatus
315901	6-26	Hitto Bost.	Hitto ditto
319951	6-26	FILIPINO Wash	FILIPINO radio amplifier
319930	6-26	COLUMBIAS Wash	COLUMBIAS ditto
310804	6-26	BRAVER NY	Mare Island radio apparatus
312371	6-26	Radio School Wash	School ditto
312370	6-26	HITTO Port	HITTO ditto
312377	7/23	Radio Section W. I.	W. I. ditto
312370	7/23	ST. George Wash	ST. George ditto
312370	7/23	Wash.	Wash. ditto
312370	7/23	Wash.	Wash. ditto
312370	7/23	Wash.	Wash. ditto
312370	7/23	Wash.	Wash. ditto
315546	6-27	SUMMITTES N Y	Inspr ER radio apparatus
320729	6-27	ALEXANDER Wash	CO radio set
320732	6-27	DALABASH Wash	CO Radio amplifiers
320731	6-27	FOUR DAKOTA Wash	CO radio amplifiers
317129	6-27	OLYMPIA Wash	CO radio apparatus
320730	6-27	ALLISON Wash	CO radio set
320524	6-27	SUMMITTES N Y	Inspir Lake radio apparatus
320609	6-27	LACONIA Wash	LACONIA ditto
315901	6-27	Corfu Wash	Greece ditto
320209	6-27	Navy Base Plymouth-NY	Mare Island ditto
315502	6-27	Manila	Manila radio apparatus

RADIO SERVICE REQUEST

Number.	Date.	From or To.	Subject.	
SE980/18	6-20	Aircraft fact Sellersville Pa	Oil Pressure Gauges	
SE915/	6-20	Air Sta ditto	Coco Solo ditto	
MSA 737	6-20	ditto NY	Key West 1 boilermakers forge	
318196	6-21	MINDENAPOLIS Wash	C O Radip amplifiers	289-6
318668	6-21	HANCOCK Wash	C O radio amplifier	224-6
318194	6-21	COLUMBIA Wash	C O radio amplifier	167-8
318676	6-21	MADA ISKA Wash	C O radio amplifier	40-X-6
318674	6-21	LEVIATHAN Wash	C O radio amplifier	35-X-6
318672	6-21	HURON Wash	C O radio amplifier	26-X-6
318259	6-21	GEORGE WASH. Wash	C O radio amplifier	23-X-6
318258	6-21	DEKALB Wash	C O radio amplifier	22-X-6
318275	6-21	COVINGTON Wash	C O radio amplifier	21-X-6
318256	6-21	ANTIGONE Wash	C O radio amplifier	4-X-6
318225	6-21	AMERICA Wash	C O radio amplifier	3-X-6
317105	6-21	AGAMELNON Wash	C O radio amplifier	2-X-6
318666	6-21	ABOLUS Wash	C O radio amplifier	1-X-6
318670	6-21	HENDERSON Wash	C O radio apparatus	511-6
318948	6-22	MELBOURN Wash	C O radio amplifier	41-X-6
318949	6-22	MOUNT VERNON Wash	C O radio amplifier	42-X-6
318677	6-22	MARTIN WASHINGTON Wash	C O radio amplifier	43-X-6
319243	6-22	POCAHONTAS Wash	C O radio amplifier	61-X-6
319244	6-22	CAYUGA Wash	C O radio amplifier	359-6
317385	6-19	HUNTINGTON Wash	C O radio amplifier	477-6

RADIO SHIP REQUEST.

Number.	Date.	From or To—	Subject.	
18145	6/1	Coast Station	Radio	510
18146	6/1	Coast Station	Radio	
18147	6/1	Coast Station	Radio	
18148	6/1	Coast Station	Radio	
18149	6/1	Coast Station	Radio	
18150	6/1	Coast Station	Radio	
318941	6-22	Wash	radio amplifier	W 812-771
318947	6-22	Wash	ditto	W 841-771
318954	6-22	Wash	ditto	W 709-771
318979	6-22	Wash	ditto	W 613-771
318940	6-22	Wash	ditto	W 577-771
318942	6-22	Wash	ditto	W 571-771
318946	6-22	Wash	radio apparatus	496-771
318959	6-22	Wash	radio amplifier	W 409-771
318970	6-22	Wash	ditto	W 407-771
318956	6-22	Wash	ditto	W 303-771
318190	6-22	Miami Insper Brook	radio apparatus	W 736-56
318173	6-22	Hamp Rds	ditto	W 736-54
312460	6-24	Boston	radio apparatus	171-Q-6
319246	6-24	Wash	radio amplifier	63-X-6
319080	6-24	NY	Dubuque Radio matl for	704
318600	6-24	NY/Bost	ditto ditto	704
319257	6-24	Wash	radio amplifier	816-771
319253	6-24	Wash	ditto	727-771
318945	6-24	Wash	ditto	708-771

RADIO SHIPMENT REQUEST

Number.	Date.	From or To—	Subject.	
313442	6-19	Vessels Ship Bd Norf	Grt Lakes radio apparatus-	771-2
317890	6-19	Montauk Inspr Brook	Montauk radio apparatus	736-37
317889	6-19	Chatham Inspr Brook	Chatham radio apparatus-	736-33
317911	6-20	WASHDC	C O radio apparatus	121-6
318269	6-20	TBDS N Y	Inspr NW radio apparatus	119-6-6
314194	6-20	SUBMARINES Wash	M Is. radio amplifier	591-6
317889	6-20	Lt. Lyster Brook	Lt. Lyster Radio apparatus	618
317889	6-20	Coast Guard Station Nila	Coast Guard Station Nila radio apparatus	619
313192	6-20	NY	Balboa radio apparatus	409-771
313412	6-20	Vessels Ship Bd Norf	Grt Lakes ditto	771-2
317892	6-20	Rockaway Inspr Brook	Rockaway ditto	736-39
318187	6-20	Pensa ditto	Pensa ditto	736-38
317897	6-20	Key West ditto	Key West ditto	736-35
317906	6-20	Hamp Rds ditto	Hamp Rds ditto	736-34
317891	6-20	Bay Shore ditto	Bay Shore ditto	736-31
BUSE 950/18	6-20	Curtiss Inspr Be'lleville Pa-	Buff 36 Oil Pressure Gauges	
BUSE 950/18	6-20	ditto ditto	Brook 5 ditto	
BUSE 950	6-20	ditto ditto	Garden City 9 ditto	
BUSE 950	6-20	DA ditto	Wash BUSE 2 ditto	
BUSE 950	6-20	Hamp Rds ditto	Hamp Rds 5 ditto	

Number.	Date.	From or To—	Subject.
BHLE	6-20	Burgess Co Inscr Sellersville- Marblehead-	18 Oil Pressure Gauges
BHLE	6-20	Standard Airc. ditto	Elizabeth 8 ditto
BHLE	6-20	L W F Eng Corp ditto	College Pt. 15 ditto
BHLE	6-20	Boeing Air. ditto	Seattle 4 ditto
BHLE	6-20	Pailliac ditto	France 225 ditto
BHLE	6-20	Gallaudet Aircraft ditto	East Greenwich 4 ditto
BHLE	6-20	NY NY	Cape May NJ 1 Boilermakers forge
BUSE 1070/18	6-20	Keyport	Seattle Wash 12 J-M Tachometers
BUSE 1070/18	6-20	Keyport	Elizabeth N.J. 38 J-M Tachometers
BUNSA	6-20	Air Sta NY	Chatham, Mass 1 boilermakers forge
BUNSA	6-20	Air sta NY	Sand Diego ditto
BUNSA	6-20	Aor Sta NY	Rockaway Beach ditto
BUNSA	6-20	ditto ditto	Bay Shore LI ditto
BUNSA	6-20	ditto Keyport	Chatham, Mass 4 HS-1 radiators
SE618/18	6-20	Keyport	Hamp Rds 4 radiators
SE618/18	6-20	Air Sta ditto	Rockaway Beach 5 Radiators
SE920/18	6-20	YD Baltimore	Brook 60 Thermometers L's
SE467/18	6-20	Air Sta Buffalo	Chatham 6 Liberty engines
SE920/18	6-20	Aircraft storehouse Balt	Brook 100 Thermometer L's
SE417-/8	6-20	Air Sta Curtiss	Key West 3 OX-6 engines
SE1070/18	6-20	Keyport Keyport	Curtiss 142 J-M Tachometers
SE1070/18	6-20	Keyport	College Point LI 61 J-M Tachometers
SE1070/18	6-20	ditto	East Greenwich 8 J-M Tachometers
SE980/18	6-20	Aircraft fact Sellersville, Pa Phila	Pressure gauge

RADIO SHIPMENT REQUEST

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Number.	Date.	From or To--	Subject.
314196	6-11	SUBMARINES Wash	Inspr San Francisco radio amplifiers 92-0-6
314240	6-11	MINE SWEEPERS Wash	Chester radio apparatus 13-S-6
314241	6-11	MINE SWEEPERS Wash	Chester radio apparatus 14-S-6
314232	6-11	MINE SWEEPERS Wash	Inspr Wilmington radio apparatus 17-S-6
314233	6-11	MINE SWEEPERS Wash	Inspr Wilmington radio apparatus 18-S-6
314236	6-11	MINE SWEEPERS Wash	Inspr Baltimore radio apparatus 21-S-6
314224	6-11	MINE SWEEPERS Wash	Inspr Chester radio apparatus 24-S-6
315177	6-11	LEVIATHAN Wash	Q O radio apparatus 35-X-6
314255	6-11	NORTH DAKOTA Wash	Wireless Improv Co radio apparatus 321-6
314195	6-11	SUBMARINES Wash	M Is. radio amplifiers 591-6
315164	6-11	BEAVER Wash	Mare Island radio apparatus 69-771
315184	6-12	SUBMARINES N Y	Inspr Ford radio apparatus 2-Z-6
315184	6-12	SUBMARINES Boston	Inspr Ford radio apparatus 2-Z-6
315213	6-12	LEONIDAS Wash	Q O radio apparatus 254-6
310970	6-12	Guantanamo Wash	Guantanamo 2000 ft. wire 14
315117	6-12	Signal Corps Wash	Q. L. G. radio receiver 598
315117	6-12	Coco Solo Wash	Coco Solo radio receivers 907
314234	6-13	MINE SWEEPERS Wash	Inspr Baltimore radio apparatus 19-S-6
314235	6-13	MINE SWEEPERS Wash	Inspr Baltimore radio apparatus 20-S-6
315195	6-13	SCOUT PATROL N Y	Boston radio apparatus 1658SP
315789	6-13	SUBMARINE D-1 Wash	Q O radio apparatus 305-6
313701	6-13	RAINBOW Wash	Q O radio apparatus 367-6
314745	6-13	HENLEY N Y	Cham radio apparatus 442-6
315754	6-13	Base 18 Wash	Base 18 radio apparatus 787-3
315753	6-13	Vessels Ship Bd Norf	Phila radio apparatus 771-2

RADIO SHIPMT REQST

Number.	Date.	From or To—	Subject.	
316003	6-14	CAMDEN N Y	Phila radio apparatus	20-X-6
316004	6-14	TBDS N Y	Inspr Bethlehem radio apparatus	263-Q-6
315318	6-14	MINE SWEEPERS Wash	N Y radio apparatus	1-S-6
316750	6-15	SOUTH CAROLINA N Y	Phila radio apparatus,	407-6
315735	6-14	Lt. Lavender WASH BROOK	Lt. Lavender, flying boat radio transmitter	918
316000	6-14	Lt. Lavender WASH	Lt. Lavender, 1 air radio controls receiver	918
315793	6-14	Sayville Wash	Sayville Edison storage batteries	920
316450	6-17	SEATTLE Wash	CO — radio apparatus	474-6
316451	6-17	BRIDGEPORT Wash	CO — radio apparatus	8-K-6
317039	6-17	Radio Eng., N. Y. Wash	Radio Eng., N. Y. vacuum tubes	518
317040	6-17	Radio Eng., N. Y. Wash	Radio Eng., N. Y. radio	519
317041	6-17	Radio Eng., N. Y. Wash	Radio Eng., N. Y. radio	521
317042	6-17	Radio Eng., N. Y. Wash	Radio Eng., N. Y. radio	521
313930	6-18	SUBMARINES Wash	N Y radio amplifiers	587-6
312409	6-18	N Lond Wash	N Lond radio apparatus	797
305969	6-18	Azore Islands NY	Azores Island radio generating sets-	787-1
316452	6-18	NEDERLANDER Wash	Balboa radio apparatus-	771-3
17005	6-18	Radio station NY Wash	NY radio apparatus	512
17005	6-18	NY Wash	NY radio apparatus	501
17005	6-18	NY Wash	NY radio apparatus	501
17005	6-18	NY Wash	NY radio apparatus	501
17005	6-18	NY Wash	NY radio apparatus	501
17005	6-18	NY Wash	NY radio apparatus	501
17005	6-18	NY Wash	NY radio apparatus	501
317388	6-19	SAN DIEGO Wash	CO radio apparatus	147-6
317384	6-19	MONTANA Wash	CO Radio apparatus	299-6
301758	6-19	ANNISTON Wash	CO Radio apparatus	301-6
317908	6-19	SOUTH DAKOTA Wash	CO radio apparatus	408-6
316850	6-19	NEW MEXICO Wash	CO radio apparatus	554-6

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RADIO SHIPMENT LIST

Number.	Date.	From or To—	Subject.	
314124	6-8	WASH SUBMARINES	WASH	radio apparatus 1-3-6
314125	6-8	WASH SUBMARINES	WASH	radio apparatus 2-3-6
314126	6-8	WASH	WASH	radio apparatus 27-1-6
314186	6-8	SUBMARINES #78	WASH	radio apparatus 78-0-6
314187	6-8	SUBMARINES #98	WASH	radio apparatus 98-0-6
313933	6-8	Sub Base	WASH	Coco Solo radio apparatus- 907
313887	6-8	Wash	Bost	Wash Mica condensers 882
313886	6-8	Norfolk	NY	Norfolk radio apparatus 876
314194	6-10	SUBMARINES 0-14	Wash	Ingraham California radio amplifier 511-6
314191	6-10	SUBMARINES 0-2	Wash	P. 3nd. radio amplifier 589-6
314190	6-10	SUBMARINES 0-1	Wash	Ports radio amplifier 588-6
314263	6-10	WASH	WASH	radio apparatus 579-6
314193	6-10	SUBMARINES 0	Wash	Elec Boat Co radio amplifiers 574-6
314418	6-10	SUBMARINES N-1-4	Wash	Submarines radio apparatus 547-6
314419	6-10	SUBMARINES N-1	Wash	Sub N-1 radio apparatus 546-6
314189	6-10	SUBMARINES L-1-4	Wash	Submarines radio apparatus 514-6
314224	6-10	WASH SUBMARINES	WASH	radio apparatus 27-3-6
314224	6-10	WASH SUBMARINES	WASH	Ingraham Chester radio apparatus 22-3-6
314224	6-10	WASH SUBMARINES	WASH	Staten Island radio apparatus 10-3-6
314224	6-10	WASH SUBMARINES	WASH	Staten Island radio apparatus 1-3-6
314224	6-10	WASH SUBMARINES	WASH	Staten Island radio apparatus 3-3-6
314224	6-10	WASH SUBMARINES	WASH	Staten Island radio apparatus 7-3-6
314224	6-10	WASH SUBMARINES	WASH	Staten Island radio apparatus 6-3-6
314224	6-10	WASH SUBMARINES	WASH	Staten Island radio apparatus 5-3-6
314224	6-10	WASH SUBMARINES	WASH	Staten Island radio apparatus 4-3-6

Number.	Date.	From or To—	Subject.	
310760	5-27	Grt. Lakes NY	Grt. Lakes radio receiving sets—	70
310130				
310130	5-27	30.4125 listed NY	30.4125 listed radio transmitting sets—	418
310444	5-27	Grt. Lakes Wash	Grt. Lakes field type radio receiving sets—	416
310119	5-28	Hamp Rds Phila	Hamp Rds one radio compass	793-71
310460	5-28	Wash	N Lon radio app	
310461	5-28	Wash	Fire Island ditto	812
269072	5-28	Wash	Repair Sta Savannah radio app	807
310467	5-28	Wash	Ft Morgan Ala ditto	793-5
307796	5-28	Sub-Chasers Wash	Gibraltar Base 25 radio compasses	87-1
310117	5-28	30.4125 listed Wash	30.4125 listed radio transmitting sets—	418
310117			receiving sets—vessels ship Bd	
304476	5-29	TINGEY NORF	C O generator set	437-6
307862	5-29	Aviation NY	Pauillac radio app for	920
308952	5-29	Mine force Wash	Queenstown Ire radio app	698
308952	5-29	mine force NY	Queenstown Ire ditto	898
310174	5-2	Sub Chasers Liverpool	Sub Chasers radio compasses	910
311697	6-1	vessels ship Bd Wash	M Is radio receiving set	771-2
311696	6-1	Wash	Hamp Rds radio app	736-34
307686	6-1	radio Stats Wash	Phila ditto	736-1
311979	6-1	Radio Sta Belmar Wash	Belmar amplifier bulbs	920-3
310100	6-1	Wash		
310100	6-1	Wash		
310100	6-1	Wash		

RADIO EQUIPMENT REQUEST

Number.	Date.	From or To--		Subject.	
312450	6-4	WEDS	N Y	Inspector Bethlehem radio apparatus	261-Q-6
"	"	"	N Y	Cramps, radio apparatus	142-Q-6
"	"	"	N Y	Union radio apparatus	171-Q-6
"	"	"	N Y	F R radio apparatus	161-Q-6
"	"	"	N Y	M Is. radio apparatus	136-Q-6
312728	"	"	Boston	M Is. radio apparatus	136-Q-6
312706	"	NEW YORK	N Y	C O & LYONS telegraphy fittings	131-6
310905	6-4		Wash	Montauk radio app for	819
310870	6-4		NY	Guantanamo ditto	814
310407	6-4	Mine Force	Ny	Base 18 ditto	920
313028	6-5	TED	WASH	CRAMP'S radio apparatus	142-Q-6
312728	6-5	TED	BOSTON	CRAMP'S radio set	142-Q-6
313028	6-5	TED	WASH	THREE ISLAND radio apparatus	138-Q-6
313028	6-5	TED	WASH	THREE ISLAND radio apparatus	136-Q-6
313028	6-5	TED	WASH	F R radio apparatus	161-Q-6
312728	6-5	TED	BOSTON	F R radio set	161-Q-6
312728	6-5	TED	BOSTON	UNION radio apparatus	171-Q-6
312762	6-5	TED	BOSTON	BETHLEHEM radio apparatus	261-Q-6
313215	6-5	MISSISSIPPI	N Y	ROCHESTER radio apparatus	562-6
244083	6-5	MANGROVE	NY	Chain radio app for	678
244083	6-5	MAGNOLIA	NY	N Orl ditto	678
244083	6-5	LILLAC and	IVY NY	Key West ditto	

Number.	Date.	From or To—	Subject	
30874	5-23	To Stations listed Wash	Stations listed short wave sets	898
295041	5-23	LV80 Chasm	Norfolk radio app for	678
308584	5-23	Vessels USS BD Wash	Ports 145 Wire Spec App Co's short wave Radio receiving sets	898
308904	5-23	Vessels USS BD Retained as Wash	short wave receivers	898
308905	5-23	Vessels US S Bd Wash	NY short Wave receiving sets	898
308906	5-23	Vessels US S Bd Wash	Phila ditto	898
309004	5-23	MIAMI "	MIAMI radio apparatus	733-35
309271	5-24	SOLACE N Y	Norfolk Radio set	404-6
303859	5-24	LV86 NY	Bost radio app for	678
303859	5-24	LV 86 Wash	Bost ditto	678
309771	5-24	Radio Test Shop Miami	Wash cable	906
308907				
308911	5-24	Stations listed Wash	Stations listed short wave radio sets	898
309236				
309242	5-24	Stations listed Wash	Stations listed short wave radio sets	898

RADIO SHIPMENT REQUEST

Number.	Date.	From or To—	Subject.	
309595 to 309599	5-24	Stations listed NY	Stations listed radio transmitting sets	898
308795	5-24	City College NY	NY radio apparatus	793-5
308540	5-24	Chatham NY	Chatham radio apparatus	736-33
309053	5-25	Wash	Gibraltar radio app	787-1
309641	5-25	Wash	San Diego ditto	736-40
309637	5-25	Wash	Pensa ditto	736-38
309637	5-25	Wash	Pensa ditto	736-38
309642	5-25	Wash	Hamp Bds ditto	736-34
309643	5-25	Wash	Bayshore ditto	736-31
306809	5-25	NY	Pauillac France 15 Simon Panel Type aero radio transmitters	736-9
306809	5-25	Wash	E.J. Simon Storage batteries	736-9
306809	5-25	Wash	E.J. Simon radio app	736-9
306809	5-25	NY	Pauillac France ditto	
309640	5-25	Norfolk	Best radio storage batteries	892-1
309764 to 310115	5-25	Stations listed Best	Stations listed radio transmitting sets	898
310115	5-27	Wash	St Augustine radio app	654
310111	5-27	Wash	Pauillac France radio app	736-9
310111	5-27	NY	Pauillac France radio app	736-9

Number.	Date.	From or To—	Subject.	
284312	5-16	LEONIDAS Wash	CO two radio receivers	264-6
306801	5-16	PAC FBT NY	PITTSBURG radio head phones & cords	494
306182	5-15	Harvard Wash	Cambridge radio app for	707
306921	5-17	Lakewood Wash	Lakewood radio apparatus	735-5
306919	5-15	Montana Wash	Montana radio apparatus-	736-57
307120	5-17	NY Wash	NY short wave radio receiv. sets-	898
307127	5-17	Chasn Wash	Chasn " " " " "	898
307309	5-17	France NY	France 15 radio transmitters	736 9
307092	5-17	Norfolk NY	Norfolk radio transmitting sets	876
307093	5-17	Chasn NY	Chasn " " "	876
307094	5-17	Norfolk NY	Norfolk " " "	876
307103	5-17	Newport NY	Newport " " "	876
307095	5-17	Grt Lakes NY	Grt Lakes " " "	876
306922	5-16	Radio School NY	Pelham Bay radio app for	707
306922	5-16	Radio School Wash	Pelham Bay ditto	707
306145	5-17	MONTGOMERY WASH	CO arc relay key	477-6
306928	5-18	PENNSYLVANIA WASH	CO relay keys	130-6
306890	5-18	DELAWARE WASH	CO radio field set	182-5
306545	5-18	SCHLEY NY	FORE RIVER radio apparatus	586-6
281264	5-18	TEDES: BERTON	TATH various fittings.	75-2-6
307575	5-18	Pensa Wash	Pensa 7 buzzer radio transmitters	736-1
307591	5-18	Camitowoc Norfolk	Camitowoc radio apparatus	771-2
307592	5-18	Superior Norfolk	Superior radio apparatus	771-2
307580	5-18	Ports England Wash	ports England radio apparatus	787-1

RADIO SHIPMENT REQUEST

Number.	Date.	From or To--	Subject.	
307137	5-18	More Island Bost	More Island 10,000 ft antenna wire	818
307431	5-18	Newport Wash	Newport short wave radio receivers	892
307428	5-18	Newrl Wash	Newrl " " " "	898
307429	5-18	Phila Wash	Phila " " " "	898
307430	5-18	Grt Lakes Wash	Grt Lakes " " " "	898
306110	5-20	Harv Radio Norf	Cambridge radio app for	707
307791	5-20	LV94 Norf	Chasm ditto	678
307583	5-20	Grt Lakes Norf	Grt Lakes radio apparatus	771-2
307588	5-20	NY " "	NY " " "	771-2
307626	5-20	Wash Phila	Wash radio material	756-1
306932	5-20	Grt Lakes NY	Grt Lakes insulators	911
307728	5-21	SUPPLY WASH	C O radio apparatus	422-6
307728	5-21	W Lond " "	W Lond " " "	861
307856	5-21	City College " "	NY radio-receiving set	7-5-5
307799	5-21	Ports Eng NY	Ports Eng radio apparatus	707-1
307482	5-21	superior Norf	vis radio apparatus	771-2
306803	5-21	Rockaway Wash	Rockaway " "	756-39
303200	5-21	Montark " "	Montark " "	756-27
306801	5-21	Clatham " "	Clatham " "	756-56
307626	5-21	Phila " "	Phila " "	756-1
308533	5-22	PENNSYLVANIA WASH	C O radio apparatus	130-6
307272	5-22	SUB CHASER WASH	LIVERPOOL radio apparatus	122-6
307573	5-18			
308529	5-22	ships from Phila to Bost-M Is-Ports-Norf	NY radio compasses	919
308531	5-22	aviation detachment Wash to Bost	radio app for	707
308835	5-22			

RADIO SHIPMENT REQUEST

1918

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Number.	Date.	From or To—		Subject.		
303859	5-10	LV 52	Norfolk	~~Delaware~~ Delaware	radio app for	678
303859	5-10	LV 52	Norfolk	Delaware	ditto	678
303859	5-10	LV 52	Wash	Delaware	ditto	678
303859	5-10	LV 52	cancelled			
302494	5-10	Atlantic Flt	NY	Atlantic Flt radio apparatus		787-1
302494	5-10	" "	Phila	" " " "		787-1
302494	5-10	" "	Wash	" " " "		787-1
302494	5-10	" "	Bost	" " " "		787-1
305725	5-13	AA-1	NY	Union one transmitting set		586-6
304491	5-13	COMMOR	NY	CO Battery.		586-6
"	"	"	"	" emergency transmitter		586-6
304941	5-11	Gibraltar	NY	Gibraltar radio apparatus		902
304753	5-11	San Juan	Wash	San Juan radio apparatus		897-1
304610	5-11	Exp Station	Wash	N Lond radio apparatus		876
305726	5-11	Bu Annex SE	Wash	Bu Annex one amplifier		898
305742	5-13	Phila	Wash	Phila 2 radio receivers		919
30474	5-13	Cayey	Wash	Cayey radio apparatus		920-4
295041	5-13	LV23	NY	NY ditto		678
295041	5-13	LV 23	NY	NY ditto		678
305045	5-14	Paulliac	Wash	France 15 r dio transmitters		736-9
303415	5-14	TBDS;	BOSTON	NN CO. silicon bronze antenna wire		119-Q-5
301056	5-15	ANTAPOLIS	NY	CO 2 kw resonance transformer		117-6
266878	5-15	WISCONSIN	NORF	PHILA radio wave changer		484-6
298292	5-15	San Pedro	San Fran	San Pedro transmitting set		907

RADIO SHIPMENT RECEIPT

Number.	Date.	From or To—	Subject.	
306428	5-15	Phila NY	Phila radio transmitting sets	876
306429	5-15	Norf NY	Norf " " "	876
306430	5-15	Wash NY	Wash " " "	876
306431	5-15	Chasn NY	Chasn " " "	876
306479	5-15	Bu Norf	Bureau Stock catalogue complete for Radi	876
295041	5-14	LV13 NY	NY radio app for	678
299209	5-14	Radio Sta Norf	Annapolis Material as listed	920-1
305560	5-14	Brest NY	France radio apparatus	920
306046	5-14	Grt Lakes NY	Grt Lakes " " "	876
306047	5-14	N Orl NY	N Orl radio transmitting sets	876
306048	5-14	Chasn NY	Chasn " " "	876
306049	5-14	Norf NY	Norf " " "	876
306050	5-14	Phila NY	Phila " " "	876
306426	5-14	Ports NY	Ports " " "	876
306427	5-14	Bost NY	Bost " " "	876
305969	5-14	Azores NY	Forces Operating out of radio apparatus	787-1
283240	5-16	U.S.S. DUBOIS Wash	DUBOIS radio apparatus	907
307090	5-16	Ports NY	Ports radio transmitting sets	876
307091	5-16	Phila NY	Phila " " "	876
306432	5-17	Key West NY	Key West " " "	876
306433	5-16	N Orl NY	N Orl " " "	876
306434	5-16	Grt Lakes NY	Grt Lakes " " "	876
~~306435~~	~~5-16~~	~~Stations listed Wash with lamp for Stations listed~~		
305977	5-16	TBDS: M	Is Union bulkhead and column insulators	92-Q-6
305977	5-16	TBDS: NY	UNION 6 top and 6 lower entering insul	92-Q-6

RADIO SHIPMENT REQUEST

Number.	Date.	From or To—		Subject.	
302095	5-2	BLACK HAWK	Norfolk	BLACK HAWK radio apparatus	61-771
302095	5-2	" "	Wash	" " B "	61-771
302095	5-2	" "	NY	" " " "	61-771
302095	5-2	" "	Bost	" " " "	61-771
302095	5-2	" "	Phila	" " " "	61-771
303051	5-6	TBDS:	NY	BOSTON electrose insulators.	79-Q-6
303415	5-6	TBDS:	BOSTON	CO Antenna wire	119-Q-6
300908	5-3	Norfolk	NY	Norfolk radio apparatus	824
292635	5-4	Ports Eng	Wash	NY wave meters	787-1
303059	5-7	L.V. 552	N.Y.	Fensick Is. Chas. radio app for	678
303859	5-7	L.V. 91	N.Y.	Norfolk ditto	678
303859	5-7	L.V. 91	Wash	Norfolk ditto	678
303859	5-7	L.V. 52	Wash	N.Y. ditto	678
303859	5-7	L.V. 91	Norfolk	L.V. 91 ditto	678
303859	5-7	L.V. 79	Wash	N.Y. radio short wave receiver for	678
303859	5-8	L.V. 84	Wash	Chas. Radio app for	678
303859	5-8	L.V. 84	N.Y.	Chas. ditto	678
303859	5-8	L.V. 84	Norfolk	Chas. ditto	678
303859	5-8	L.V. 87	Wash	N.Y. short wave receiver	678
303859	5-8	L.V. 87	N.Y.	L.V. 87 ditto	678
303859	5-8	LV. 102	Norfolk	N York radio app for	678
303859	5-8	LV. 102	NY	N York ditto	678
303859	5-8	LV. 102	Wash	N York ditto	678

RADIO SHIPMENT REQUEST

Number.	Date.	From or To—		Subject.	
303045	5-7	Ba r Harbor	Phial	Ba r Harbor radio apparatus	920-2
303046	5-7	" "	Wash	" " " "	920-2
298731	5-7	Chatham	Wash	Chatham radio apparatus	920-5
303053	5-4	TBDS:	NY	UNION IRON WORKS electrose insulators	171-Q-6
304309	5-8	NEW MEXICO	WASH	NYtwo pole pieces complete with tips	554-6
272862	5-9	Hamp Radio	Bost	Cambridge radio app for	707
272862	5-9	Hamp Radio	Wash	Cambridge ditto	707
503859	5-9	L. 79	N.Y.	L. J. ditto	678
305061	5-10	SUBS	WASH	CO TWO WAVE METERS	1--6
"	"	"	"	BUFFALO four wave meters	"
"	"	"	"	HANNIBAL " " "	"
"	"	"	"	LEONIDAS " " "	"
"	"	"	"	New London 12 wave meters	"
304607	5-9	Hamp Rds	Wash	Hamp Rds radio apparatus	736-34
304609	5-9	Hamp Rds	Akron	Hamp Rds Radio apparatus	736-34
304608	5-9	Miami	Wash	Miami radio apparatus	736-34
304853	5-10	Keywest	Bost	Keywest radio app for	817
298589	5-10	Nav Rad Sta	Wash	Bar Harbor ditto	804
286033	5-10	Malville	Phila	NY radio compass	919
303045	5-10	Radio Sta	Wash	Bar Harbor radio app for	920-2
303415	5-11	TBDS	NY	NN electrose insulators.	119-Q-6
301212	5-11	"	BOSMON	Bath armored cable	75-C-6
304565	5-10	Ship Bldg Co's	Phila	S. B. Co's searchlights for Mine Fleet	708
305061	5-10	PC Lab	Ports	Wash elec material for	647-13

RADIO SHIPMENT REQUEST

Number.	Date.	From or To—	Subject.	
295041	4-24	Vessel # 16 Wash	NY short wave radio receiver	678
295041	4-24	Vessel # 16 NY	NY r dio transmitting set	678
295041	4-24	Vessel # 101 NY	Norf radio transmitting set	678
295041	4-24	Vessel # 101 Wash	Norf short wave radio receiver	678
300250	4-24	Mare Isla Wash	Mare Isl 10 short wave radio receiving sets	771-2
300199	4-24	Pug Sd Wash	Pug Sd 103 short wave radio receiving sets	771-2
300645	4-25	Vessels Ship Sd NY	NY 219 short wave radio receivers	771-2
300446	4-25	" " " Wash	Norf 25 Sperry short wave r dio recelv.	771-2
300446	4-25	" " " NY	Phila 25 Sperry & 83 Marconi Rad .Recev?	771-2
300446	4-25	" " " NY	Phila 50 radio trans. sets	771-2
300652	4-25	" " " Bost	Phila 200V radio transmitting sets	771-2
282264	4-25	TBDS Boston	bath cable and wire	75-C-6
299209	4-25	Radio Sta Norf	Annapolis Material (listed)	920-1
295041	4-25	Light Vessel # 40 NY	Norf radio trna.mitting set	678
295041	4-25	" " # 46 Norf	Norf storage battery	678
295041	4-25	" " # 46 Wash	Norf radio receiver	678
300653	4-25	Vessels U.S. HIPBd NY	Norf 2 radio transmitting sets	771-2
301718	4-30	MONTGOMERY WASH	CO short wave receiving set	301-5
301717	4-30	GALVESTON WASH	CO transmitter and two batteries	212-6
300556	4-29	NORTH CAROLINA WASH	CO short wave receiving set	320-6
NSA1943	4-25	Brook NY	Brook spark plugs	
NSA1943	4-27	France NY	France spark plugs	
301383	4-27	RadioBase Wash	Brest radio apparatus	787-1
301384	4-27	Radio Base NY	Brest " "	787-1
301385	4-27	" " Bost	Brest " "	787-1
301386	4-27	" " Phila	Brest " "	787-1
301128	4-27	Cape Wash	Cape May " "	756-1
301387	4-28	Punta Mala NY	Balboa radio apparatus	850
300485	4-29	San Diego Wash	San Diego " "	736-40
~~300485~~	~~4-29~~	~~Cape May~~	~~Cape May & Bost radio apparatus~~	
~~300485~~	~~4-29~~	~~San Diego~~	~~San Diego & Bost radio apparatus~~	

RADIO SHIPMENT REQUEST

Number,	Date,	From or To—		Subject.	
302103	4-30	GLACIER	WASH	CO long wave receiving set	215-6
300100	5-1	OHIO	WASH	CO 1/4 kw port field set radio	323-6
301716	4-30	Gibraltar	NY	Gibraltar radio apparatus—	787-1
301719	4-30	Cape May	Wash	Cape May radio apparatus	736-32
301212	5-1	TBDS	BOSTON	BATH IRON WORKS electrose insulators	75-0-6
301926	5-1	Tuckerton	Wash	Tuckerton radio apparatus	920-9
301926	5-1	"	Phila	" " "	920-9
301903	5-1	Brook	Wash	Brook " "	793-5
301716	5-1	Gibraltar	NY	Gibraltar " "	787-1
301716	5-1	"	Wash	" " "	787-1
302355	5-1	YALE	Wash	Mare Isl " "	841-771
302104	5-1	NARRAGANSETT	Wash	Phila " "	541-771
302105	5-1	NOPATIN	Wash	" " "	498-771
302356	5-1	HARVARD	Wash	Mare Isl " "	302-771
300576	5-3	MAITCUMERY	NY	CO one 2-kw 125 volt trans set	301-6
302515	5-3	YORRTOWN	WASH	CO long wave receiving set	492-6
302826	5-3	LOMA	WASH	CO long wave receiving set	244-6
303056	5-4	TBDS	NY	FR electrose insulators	251-6
303415	"	"	"	" " "	161-6
303059	"	"	"	HM Co " " "	119-6
303058	"	"	"	Union Iron Works " "	103-6
303058	"	"	"	FR " "	95-6
303058	"	"	"	Bath Iron Works " "	86-6
303057	"	"	"	Union Iron Works " "	75-6
300083	5-2	Belmar	Tuckerton	Belmar tension cable	87-0-6
302357	5-2	N Lond	Phial	N Lond 3 radio compasses	920-3
					919

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Number.	Date.	FOR	From or To—	FROM	TO.	Subject.	
298859	4/19	ST. PAUL		Wash	St PAUL	Receiver and audion box.	709-771
298870	4/19	ST. LOUIS		Wash	ST. LOUIS	Ditto.	708-771
298894	4/19	SHAWMUT		NY	SHAWMUT	Apparatus. W	699-771
298869	4/19	NEW YORK		Wash	NEW YORK	Receiver and audion box.	533-771
298858	4/19	PHILA		Wash	PHILA	Ditto	618-771
298893	4/19	AROSTUK		NY	Ship	A pparatus.	24-771
299211	4-20	Academy School		Wash	Coast Gd N Lon	radio receiving setW	704
299212	4/22	Phila		Wash	Phila	Port radio mast.	890
299599	4/22	Hampt Rds		Norf Wash	Hampt Rds	Apparatus.	864
299103	4/20	Grt Lakes		NY	Grt Lakes	Electrose Insulators.	854
299178	4/20	ROANOKE		NY	ROANOKE	Apparatus.	664-771
299179	4/20	QUINNEDANG		NY	Ship	Ditto	661-771
298899	4/20	HOUSATONIS		NY	Ship	Ditto	512-771
298812	4/20	COMFORT		Wash	COMFORT	Audion box and bulbs.	305-771
298896	4/20	CANONICUS		NY	Ship	Apparatus.	84-771
298897	4/20	CANANDAIGUA		NY	Ship	Apparatus.	82-771
299181	4/20	BLACK HAWK		NY	Ship	Apparatus.	61-771
299182	4-20	ELIZABETH		N.Y.	Ship	Apparatus	138-6
299228	4-20	ELIZABETH		N.Y.	Ship	Apparatus	138-6
296341	4-20	BUFFALO		N.Y.	BUFFALO	Apparatus	1-4-6
296377	4-20	ditto		Wash	BUFFALO	Radio aux set	1-4-6
296140	4-20	Sims		N.Y.	Sims	apparatus	360-6
295041	4-22	Light Vessel #3		NY	Bost	radio apparatus	678
295041	4-22	Light Vessel #3		Wash	Bost	short wave receiver	678
295041	4-22	Light Vessel # 54		NY	Bost	radio apparatus	678
295041	4-22	Light Vessel #54		Wash	Bost	short wave radio receiver	678

RADIO SHIPMENT REQUESTS:

Number.	Date.	From or To—		Subject.	
299272	4-18	TBDS:	NY	PHILA electrose insulators	113-Q-6
299204	4-20	"	"	" " "	125-Q-6
299213	4-20	MAUREE	WASH	NY one 20 kw 120 volt rad arc trans set	556-6
288619	4-20	IDAHO	NY	NYS radio equipment	563-6
299214	4-22	SAN DIEGO	WASH	CO audion box short receiving set	147-6
296195	4-22	VIRGINIA	NY	CO phone-batteries-chargin panels	465-6
299225	4-22	UTAH	"	" " " "	455-6
299227	4-22	MISSOURI	" "	" " " "	292-6
299224	4-22	MINNESOTA	"	" " " "	290-6
299226	4-22	CONNECTICUT	"	" " " "	169-6
299223	4-22	ARKANSAS	"	" " " "	121-6
298196	4-22	ALABAMA	"	" " " "	107-6
295045	4-29	AA-1	NY	Boston 1/2 kw trans set	586-6
298695	4-20	SARASOTA	NY	CO phones batteries charging panels	1291-SP
299228	4-23	PENN	WASH	CO radio apparatus	130-6
279873	4-23	NIAGRA	NY	CO radio apparatus	136-SP
299365	4-23	Bridgeport	Wash	Bridgeport Conn Radio buzzer & Blinker set	699
299871	4-23	Sims	Wash	Sims radio compass	919
291724	4-23	Hamp Rds	Wash	Hamp Rds radio apparatus	736-1
299869	4-23	Miami	Wash	Miami radio apparatus	736-1
299870	4-23	Pens	Wash	Pensa radio apparatus	736-1
299865	4-23	Rockaway	Wash	Rockaway 1 radio transmitting set	918
299866	4-23	Key West	Wash	Key West 2 " " "	918
299867	4-23	Hamp Rds	Wash	Hamp Rds 1 " " "	918
299868	4-23	Pensa	Wash	Pensa 1 " " "	918

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Number.	Date.	From or To—		Subject.		
296140	4-10	PRAIRIE	NY	CO	Starting panels aut & hand 2 each various articles of radio equipment	360-6 260-5
296141	4-10	BUFFALO	NY	CO	starting panels various articles of radio equipment	144-6
296292	4-10	DIXIE	NY	CO	two complete sets of spares for 5 kw radio motor generator	188-6
296291	4-10	DOROTHEA	WASH	KEY WEST	one short wave receiver	191-6
296150	4-10	VOID	SAN FRANCISCO	NORF	CO one arc signalling searchlight	389-5
296595	4/15	Wash	NY	Wash	Wave meters	895
296595	4/15	Radio Lab	Wash	NY	Telefunken wave meter.	895
296785	4/15	Brest	Wash	Brest	Receiving valves.	787-1
297931	4-15	MANCHURIA	Wash	MANCHURIA	long wave radio receiver and one Audion control box	771
297929	4-16	USS LANAPE	Wash	USS LANAPE	one long wave radio receiver one Audion control box	444-771
296968	4-12	BIRMINGHAM	BOSTON	CO	one high tension antenna switch	138-6
"	"	"	NY	CO	one 5 kw blower cool quench spar gap	138-6
296877	"	BUFFALO	WASH	CO	one Gen RadionCo aux radio set	144-6
294111	4-15	GWIN	NY	PUG SD	phones-batteries-panels	579-6
293883	4-15	GRAVEN	"	NORF	" " "	578-6
297378	4-15	SEATTLE	WASH	NY	amplifiers	474-6
"	"	"	"	NORF	"	474-6
292060	4-15	TBDS	NY	PHILA	phones-batteries-panels	113-Q-6
293215	"	"	"	M IS	" " "	93-Q-6
292043	"	"	"	"	" " "	87-Q-6
292042	"	"	"	BOSTON	" " "	82-Q-6
294123	"	"	"	"	" " "	79-Q-6

RADIO SHIPMENT REQUESTS

Number.	Date.	From or To--	Subject.	
292041	4-15	TBDS NY	PORTS phones-batteries- panels	75-Q-6
295389	4/16	PENNA NY	PENNA Trans set	130-6
295041	4-17	Light Vessel #41 NY	NewportRadio apparatus	678
295041	4-17	Light Vessel #41 Wash	Newport one short wave radio receiver	678
291724	4-17	Hamp Rds Wash	Hamp Rds Trans set	736-1
295375	4/18	RALEIGH Wash	RALEIGH Trans set	368-6
298857	4/18	SO DAKOTA Wash	SO DAKOTA Audion B battery	408-6
298480	4/18	PETREL Wash	PETREL Rec set	848-6
297932	4/18	KROONLAND Wash	KROONLAND Receiver and audion box.	407-771
291724	4-18	Seaplanes Wash	Hamp Rds Transmitter	736-1
297916	4-18	ONONDAGA Wash	N London radio apparatus	704
295041	4-18	Light Vessel #4 NY	Bost 2 1/2 KW radio transmitting set	678
295041	4-18	Light Vessel #4 Wash	Bost short wave radio receiver	678
295041	4-18	Light vessel #5 Wash	Bost short wave radio receiver	678
295041	4-18	Light Vessel #5 NY	Bost 1/2 KW radio transmitter set	678
295041	4-18	Light Vessel #73 Wash	Bost short wave radio receiver	678
295041	4-18	Light Vessel #73 NY	Bost 1/2 KW radio transmitting set	678
294942	4/18	Thila Wash Bost	Phila Apparatus for shipt abroad.	920
294942	4/18	Abroad Phila	Abroad Apparatus.	920
295041	4-19	Light Vessel #23 NY	Newport 1/2 KW radio transmitting set	678
295041	4-19	Light Vessel #23 Wash	Newport short wave radio receiver	678
295041	4-19	Light Vessel #13 NY	Newport 1/2 KW radio transmitting set	678
295041	4-19	Light Vessel #13 Wash	Newport short wave radio receiver set	678
294942	4/19	Shipt abroad Yards	Phila Various apparatus.	920
298868	4/19	NY Wash	NY Litzenbraht wire.	906
298560	4/19	NY Wash	NY Transmitter.	898

RADIO SHIPMENT REQUESTS

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Number.	Date.	FOR	From or To	FROM	TO	Subject.	
292944	4/8	Sims		Yards	Queensstown Ire.	Radio apparatus.	736-9
293844	4/8	ORIZABA		Wash	ORIZABA	receiving set	574-771
292893	4/8	SIBONEY		Wash	SIBONEY	receiving set	569-771
293844	4-2	WASH		NY	WASH	one long wave receiving set	121-6
293844	4-3	WASH		WASH	CO	long wave receiving set	121-6
296146	4/9	Azores		NY	Azores	Armature.	767-1
925153	4/8	Patrol Force		Wash	Key West	Port set.	896
295049	4/8	Annapolis		NY Wash	Bost Annapolis	Apparatus.	920
295312	4/8	Ports		Wash	Ports	Rec set and head tele	832
293407	4-6	TELE		PHILA	NYS	6 radio compasses	125-Q-6
292061	4-5	"		"	Norfolk	"	119-Q-6
292060	4-5	"		"	Cramps	"	113-Q-6
293215	4-5	"		"	Mare Island	one radio compass	94-Q-6
292043	4-5	"		Phila	"	16 radio compasses	37-Q-6
292042	4-5	"		"	Boston	12 radio compasses	82-Q-6
294123	4-5	"		"	"	3 radio compasses	80-Q-6
292041	4-5	"		"	Ports	8 radio compasses	75-E-6
296388	4/10	Test		NY	Wash	Induction coil	876
296290	4/10	Test		NY	Wash	Trans set	876
284724	4/9	City College		Wash	NY	Radio head telephones.	876
296143	4-10	BLACKHAWK		NY	BLACKHAWK	radio apparatus	61-771

RADIO SHIPT RELTS

Number.	Date.	From or To—	Subject.	
294111	4-5	SEAN PHILA	SEATTLE radio compass	579-6
293883	4-5	GRAVIN "	NORF "	578-6
294204	4-5	VERBERT WASH	CO one short receiving set	456-6
295758	4-8	SP NICHWOOD Chasn	Pensacola 1/2 kw engine driven trans	597 SP
295042	4-5	LA-1 NY	Boston 10-1/2kw trans Simon	586-6
3	4-6	" "	" 5- trans sets Simon	"
4	4-6	" WASH	" 11 short wave receiving sets 11 audion control boxes	"
5	4-6	" NY	Lake 7- 1/2 kw trans sets.	"
296460	4/11	Bel mar Phila	Belmar Rheostats	920-3
296693	4/11	Belmar Wash	Belmar Batteries.	920-3
296852	4/11	T. Johnson Wash	Marconi Co Litzendraht wire.	906
297175	4-12	New Brunswick Phila	New Bruns radio apparatus	793-5
296145	4-9	HENLEY WASH	PHIL 50 sets radio compass parts	442-6
296145	4-9	" Boston	Phila 1 1/4 kw emerg trans set	442-5
297549	4-13	ANNISTON Wash	Norf One long wave radio receiving set— one Audion Control Box W	771
297240	4-13	Radio Scheel Wash	Harvard 6- Audion "B" Batteries	707
297177	4/13	POSEIDON M. Is.	Ship Radio set.	771-3
296932	4/13	Queenstown Ire. - NY	Queenstown Radio telephones, etc.	876
297370	4/13	Arlington Wash	Bu Receiving set.	841
294336	4-10	BRIDGEPORT NY	CO 200 AMP starting panels two hand starting panels	8-X-6
"	"	" "	" various radio articles of equipment	"
296851	4-11	" WASH	CO One short wave wave meter	"
296144	4-10	MELVILLE NY	CO Radio equipment starting panels	510-6

1918

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Number.	Date.	From or To—	Subject.	
293898	4/1	CALAMARES Wash	Ship	Rec set and audion box. 80-771
293441	4/1	RYNDAM Wash	NY	Rec set and control box. 771-3
293441	4/1	ZEELANDIA Wash	NY	Rec set and control box. 771-3
293565	4/1	S.B. Vessels Newf	Navasrl	Stor batteries. 771-2
293565	4/1	Ditto Norf	New Or1	Ditto. 771-2
292757	4/2	Sima Wash NY	Sima	Apparatus. 920
264757	3/29	Marine Corps NY	Ft Crockett	Gasoline engine muffler. 976
292060	3-29	TBDS: WASH	PHILA	6 short wave wave meters. 113-Q-6
291613	4/1	Stations in France NY	France	Apparatus. 920
706	4/1	FINAIND Wash	FINAIND	Rec set and audion box 771
232774	4/3	Stock NY	NorK	Engine muffler. 882
293407	3-30	TBDS WASH	NY	6 short wave wave meters 125-Q-6
292061	3-30	TBDS: WASH	BN	6 short wave wave meters 119-Q-6
254 036	4/3	Navassa Isl NY	Guantanamo	Gas engine muffler 793-5
294502	4/4	Radio Room Wash	Radio Room	Amplifier and meter 615-26
293845	4/2	Dr Dolgsmith Wash	NY	Batteries for audion. 876
293841	4/2	TENADORES Wash	Ship	Rec set and audion box. 727-771
293836	4/2	PRINCESS MATOINA Wash	Ships	Ditto. 626-771
293840	4/2	PASTORES Wash	Ship	Ditto 607-771
293838	4/2	H.R. MALLORY Wash	Ship	Ditto. 510-771
244031	4/2	Bar Harbor Wash	Bar Harbor	Apparatus. 876
292140	4/2	Managua Wash	Managua	Trans relay key 858
292162	4/2	Azores Wash Post	Azores	Apparatus. 787-1

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR From or To FROM	TO	Subject.	
293839	4/2	MATSONIA Wash	Ship	Receiving set and audion box.	496-771
293485	4/4	Special Mounts Wash	Phila	Portable sets.	897
294515	4/4	Pearl Harbor Wash	Pearl Harbor	Wavemeter.	852
294175	4/4	IOWAN Wash	IOWAN	Head telephones, etc.	354-771
295034	4/5	GIBRALTER NY	Gibraltar	Radio telephones, etc.	902
295033	4/5	MELVILLE NY	MELVILLE	Ditto	902
286426	4/5	Brest NY	Brest	Ditto.	902
295112	4/5	Radio Lab Wash	Bost	Radio trans set	898
295113	4/5	Radio Lab Wash	Phila	Ditto.	898
292740	4/5	Dutch Harbor Wash	Dutch Harbor	Rec set and audion box	845
291280	4/5	New OrL Wash	New OrL	Wavemeters.	771-2
290816	4/5	R.E. Robinson Wash	Nav Acad	Portable masts, etc.	674
293723	4/1	Observatory Wash	Observatory	Apparatus.	876
295345	4/6	City College Bost	NY	Lighting switches.	793-5
291169	4/6	Cape May Wash	Cape May	Radio sets	736-1
292740	4/5	Pt Royal NY	Pt Royal	Radio lighting switch.	848
293407	3-30	TBDS WASH	NYS	6 short wave meters	125-Q-6
"	4-3	" Boston	NYS	transmitter	"
"	"	" NY	Phila	battersi for trans itters	"
294110	4-2	CONNOR PHILA	NY	one radion compass	580-6
294111	4-2	Reqd shipt trans set NY	Sea tle	battery for trans set	579-6
"	"	" Boston	"	Emergency transmitting set	"
293883	4-2	CRAVEN "	NORF	emergency transmitter	578-6
"	"	" NY	Norff	battery for trans set	"

RADIO SHIPMENT REQUESTS.

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Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
291721	3/25	Key West		Wash	Key West	Panel transmitters.	736-1
291722	3/25	Rockaway		"	Rockaway	Ditto	"
291723	3/25	Pensa		"	Pensa	Ditto	"
291724	3/25	Hampt Rds		"	Hampt Rds	Ditto	"
292042	3-25	TEBDS:		NY	BOSTON	22 storage batteries.	82-Q-6
292040	3-25	MINNESOTA		WASH	CO	long wave receiving set	290-6
286590	3/26	Nav Acad		Wash	Nav Acad	Various apparatus.	920
292073	3/26	Norri		Wash	Norri	Audion batteries.	824
292234	3/26	Belmar		Sayville	Belmar	Perforator for use with auto matic transmitter.	793-5
292227	3/26	M.Is		Bost	M.Is.	Trans set for merchant ships	771-2
292229	3/26	Chasn		Bost	Chasn	Ditto.	771-2
292228	3/26	GEORGIA		NY	Texas Co	Insulating rods for gap	771
292061	3-26	TEBDS		NY	MM	Storage batteries	119-Q-6
292060	3-26	TEBDS		NY	PHILA	" "	113-Q-6
292041	3-26	TEBDS		NY	PORTS	" "	75-Q-6
286426	3/27	Brest		NY	Brest	Charging panels.	902
273033	3/27	Anti Sub Div		NY	England	Apparatus.	902
292635	3/27	Capt Leigh		NY	England	Tools for radio work.	787-1
292052	3/27	MAUI		NY	Wash	Rec set and audion box	500-771
292074	3/27	Merchant ships		Wash	Pug Sd	Decremeters.	771-2
290927	3/27	City College of		NY Wash	NY	Apparatus.	793-5
290927	3/28	City College		Bost	NY	Inductances.	793-5
290591	3/28	Azores		NY	Azores	Apparatus.	787-1
292825	3/28	Black HAWK		NY	Ships	Apparatus.	61-771

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—	Subject.	
292825	3/28	BLACK HAWK Phila	Ship Radio apparatus.	61-771
292636	3/28	Sperry Co Phila	Sperry Co 36" low power searchlight.	708
292892	3-27	ROCHESTER WASH	CO AUDION CONTROL BOX	316-6
292237	3-27	SAVANNAH "	" receiving set and one audion box	80-X-6
292060	3-27	TBDS BOSTON	PHILA 6 transmitting sets.	113-Q-6
291115	3-27	TBDS: WASH	LITTLE short wave wave meter	79-Q-6
292697	3-27	TBDS: WASH	UNION IRON WORKS short waver rec'r set audion control box	92-Q-6
292697	3-27	TBDS: MARE IS	UNION 6 transmitting sets.	92-Q-6
292739	3/29	GULFPORT Phila B ost	Chasm Spark gap and transfer switch.	265-771
292825	3/29	BLACK HAWK Bost	Wash Radio apparatus.	61-771
289762	3-28	FLORIDA WASH	CO RECEIVING SET	205-6
292693	3-28	CHICAGO "	" audibility meter	156-6
~~292844~~ 292061	3-28	TBDS NY	NN storage batteries.	119-Q-6
292061	3-28	" BOSTON	NN 12 radio trans sets	" " "
292832	3-28	" "	MARE ISLAND 2- 1/4 kw emergency sets	93-Q-6
292842	3-28	" NY	Mare Island storage batteries	" " "
292043	3-28	" Wash	Union 16 short wave wave meters	87-Q-6
"	"	" Boston	" " " "	"
292042	3-28	" WASH	FR 22 " "	82-Q-6
292041	3-28	" "	Bath 8 " "	75-Q-6
293215	3-29	TBDS: WASH	M IS 2- short wave-wave meters.	93-Q-6
293844	4/1	ORIZABA Wash	Ship Rec set and audion box.	574-771
293835	4/1	SIBONY Wash	Ship Receiving set and audion box.	569-771

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
289435	3/16	Brenton Reef Light Vessel	NY	Newport	Radio apparatus.	678	
289435	3/16	Ditto	Wash	Newport	Rec set	678	
289016	3-16	SAN FRANCISCO	NY	CO	various articles radio material	389-6	
289016	3-16	SAN FRANCISCO	NY	CO	insulators	389-6	
289426	3-16	MINNESOTA	WASH	CO	two audion B batteries.	290-6	
288689	3/18	Cherrystone Yards		Norfolk	Apparatus.	864	
288695	3/18	Wilmington Sta Yards		Chasr	Apparatus.	864	
289437	3/18	Norfolk	Wash	Norfolk	Trans set	824	
289674	3-18	BUFFALO	NORF	CO	5-kw. radio motor generator	144-6	
275961	3-18	TEXAS	WASH	NY	one relay key.	172-6	
289865	3-18	PRAIRIE	NORF	CO	5-kw radio motor generator	360-6	
"	"	"	phila	CO	elec tools and various articles	360-6	
"	"	"	Boston	CO	Radio material	360-6	
"	"	"	Wash	Co	radio material	360-6	
"	3-19	"	NY	CO	5-kw transmitting set.	360-6	
290693	3/20	Chatham	Wash	Chatham	Audibility meter.	920	
290694	3/20	City College	Wash	NY	Audion bulbs.	876	
281613	3/21	Lorient France	NY	Lorient	Apparatus.	920	
287679	3/21	Lab Phila	Wash	Phila	Wave meters.	916-5	
289041	3/21	4th Dist	Wash	4th Dist	Wave meters.	893-4	
269119	3/21	Pug sd	Wash	Pug sd	4 decremeters.	893-1	
289876	3-20	BUFFALO	BOSTON	CO	articles radio material	144-6	
289876	-20	BUFFALO	PHILA	CO	radio material	144-6	
245724	3-20	N.Y. YORK	WASH	5 KW Marconi	transmitting set.	151-6	

RADIO SHIPMENT REQUESTS. 226426

Number.	Date.	From or To—	Subject.	
286426	3/22	Brest NY	Brest Radio telephones.	902
291476	3/22	Grt Lakes Wash	Grt Lakes Decimeter.	893-1
290372	3/22	Tuckerton Wash	Tuckerton Wavemeter.	891
287649	3/22	Pearl Harbor Wash	Pearl Harbor Audion bulbs.	852
291238	3/22	Key West Wash	Key West Receiving sets.	736-1
291236	3-22	ALBUQUERQUE WASH	CO long wave receiving set.	120-6
291237	3-22	ALBUQUERQUE PHILA	CO radio compass	101-6
290851	3-21	PENNSYLVANIA NY	CO Sperry Aux trans bus or exp	130-6
290851	3-22	" WASH	CO long and short wave receiving sets	130-8
290696	3-21	BUFFALO WASH	CO radio material	144-6
"	3-21	" NY	CO 5-kw transmitting set Marconi	144-6
290695	3-21	BRIDGEPORT NY	CO 5-kw transmitting radio set	8-X-6
"	3-21	" NORF	CO 3-kw motor generator	8-X-8
282184	3-22	NORTH DAKOTA BOSTON	NY propellers and propeller caps	321-14
289040	3-23	PAUL JONES WASH	CO short wave receiver.	338-6
282648	3/23	Tuckerton Marconi Sta	Tuckerton Apparatus.	736-1
281615	3/25	Bordeaux NY	Bordeaux Trans sets.	920
281613	3/23	Lorient & Bordeaux Yards France	Apparatus.	920
288721	3/23	Belmar Wash	Belmar Audibility meters.	920
289761	3/23	Marine Corps Wash	Phila Radio apparatus.	876
284724	3/23	Phila Wash	Phila Radio compasses.	876
281613	3/25	Lorient NY	Lorient Radio motor generators.	920
273033	3/25	Sims Wash	Sims Radio apparatus.	902
291720	3/25	Miami Wash	Miami Panel transmitters.	736-1

Number.	Date.	From or To—	Subject.	
282503	2-23	SHURZ NORF	CHASN 2-kw radio key hand operating	81-X-6
283503	2-23	" WASH	CHASN receiving set and control box	81-X-6
279691	2-23	CLEVELAND NY	CHASN 5-kw wave changer	162-6
263319	2-23	MINE SWEEPERS NY	BALTO DD CO trans set (20)	1-S-6
"	"	" WASH	" receiving set (20)	"
"	"	" "	Staten Is S B CO. receiving set (8)	"
"	"	" NY	" trans set (8)	"
"	"	" WASH	BALTO DD CO receiving set (21)	"
"	"	" NY	" trans set (21)	"
283444	2/26	Otter Cliffs Wash	Otter Cliffs Apparatus.	920
283559	2-25	MARS WASH	CO receiving set	279-6
283917	2-26	ARKANSAS WASH	CO 100 volt storage battery Edison	121-6
284724	2/28	City College Wash	City College Radio compasses, etc.	876
275894	2-27	SUES NY	insulators	590-6
284289	2-27	MT. V. NON WASH	CO two adaptors for audion bulbs	42-X-6
281613	3/1	French Stations Wash	France Apparatus.	920
265980	3/1	Pt Isabel Wash	Pt Isabel Audion control box.	853
284691	2-28	AJAX WASH	CO long receiving set.	106-6
284309	3-1	CHICAGO WASH	CO short radio receiving set	377-6
284735	3-1	CHICAGO WASH	CO 8 doz ever ready batteries	182-6
285460	3-1	MINE SWEEPERS WASH	PUG SD radio receiver (26)	1-S-6
"	"	" NY	" trans set (26)	1-S-6
"	"	" WASH	" radio receiver (26)	1-S-6
275741	3-4	FREDERICK WASH	CO audion control box	280-6
257304	3/8	ITASCA Wash	Chasn Long wave receiver.	704

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR From or To-- FROM	TO.	Subject.	
287527	3/9	Radio Lab Wash	Phila	Radio compass.	916-5
287526	3-9	TBDS WASH	FR	radio material	79-Q-6
287492	3/11	Puerto Plata Wash	Puerto Plata	Apparatus.	897-1
286412	3/11	Tuckerton Wash	Tuckerton	Batteries.	891
244031	3/11	Bar Harbor NY	Bar Harbor	Trans set.	876
286316	3/11	Sims Wash	Sims	Batteries.	787-1
287541	3/11	Harvard School NY Wash	Harvard	Apparatus.	707
287600	3-11	PA L JONES WASH	PHILA	short wave receiving set	868-6
279292	3-9	CONCOR WASH	NY	storage battery cells	580-6
286032	3/12	MELVILLE Brest Gibraltar	Phila	Radio compasses.	919
288035	3/12	Chatham Wash	Chatham	Radio trans	736-1
288069	3/12	Hampt Rds Wash	Hampt Rds	Foreign radio app at yard	736-1
288070	3/12	Hampt Rds Wash	Hampt Rds	Storage batteries.	736-1
231579	3/14	New Haven NY Wash	Phila	New Haven Apparatus.	876
288694	3/14	Irovincetown Yards	East	Apparatus.	864
288500	3/15	Montauk Pt Wash NY	Montauk	Radio apparatus.	864
288511	3/15	Barnegat NY Wash	Phila	Barnegat Apparatus.	864
289284	3/15	Pensa Wash	Pensa	Transmitters	918
289285	3/15	Pensa Wash	Pensa	Transmitters	918
289287	3/15	Miami Wash	Miami	Transmitters	918
288344	3-14	ARKANSAS WASH	CO	8 audion bulbs	121-6
288692	3/16	Lewes Yards	Phila	Apparatus.	864
288693	3/16	Georgetown Yards	Chasn	Apparatus.	864
288740	3/16	Boothbay Yards	East	Apparatus.	864

Number.	Date.	FOR	From or To--	FROM	TO.	Subject.	
280408	2/11	Irland		Wash	Dublin	Trans sets.	736-9
279948	2/11	Compasses		Wash	Phila	Material for compasses.	919
279425	2-9	SALEM		WASH	BOSTON	short wave receiver	384-6
279425	2-9	SALEM		NY	NY B STON	1/2 KW QUENCHED SPARK GAP	384-6
279794	2-9	ARKANSAS		WASH	CO	radio receiving set	121-6
280029	2/12	NO PACIFIC		Wash	Eng 31	Rec set and audion control box	535-771
280474	2/12	Harvard School		Wash	School	Trans set	707
278047	2/9	Radio Lab		Bost	Phila	Nica condensers,	882-1
279642	2-11	HENLEY		WASH	CO	one long wave receiving set.	442-6
275962	2/13	Cape May		Wash	Cape May	Rec set and audion box.	793-5
275962	2/13	Cape May		Phila	Ditt	Material for antenna.	793-5
280664	2-12	OLYMPIA		WASH	CO	long wave receiving set.	324-6
281441	2/14	Haiti		N	Haiti	Trans set.	865
281022	2/14	Miami		Wash	Miami	Rec set and audion box	736-1
281022	2/14	Miami		Chasn	Miami	Apparatus for antenna.	736-1
278197	2-13	DENVER		WASH	CO	one audion control box.	184-6
281370	2/15	VOID.					
281371	2-14	FREDERICK		MARYLAND	CHATHAM Mass.	audibility meter/	280-6
281372	2-14	CONNECTICUT		CO	BAR HARBOR	one audibility meter.	169-6
281613	2/18	France		NY Wash	Lorient	Radio apparatus.	920
271533	2/18	European Force		Wash	Sims	Vacuum tubes,	698
282066	2/18	Hampt Rds		Wash	Norfolk Hampt Rds	Radio apparatus.	864
281113	2/18	Chas		Wash	Chas	Rec set.	807
281748	2-16	CALDWELL		NY	COMotor gen, box spare parts, start panel		577-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
281745	2/19	G.H. Clark	Wash		Miami	Galena crystals.	908
282066	2/19	Hampt Rds	Norfolk Wash		Hampt Rds	Apparatus.	864
282481	2/19	Hampt Rds	Wash		Hampt Rds	Ditto	864
281341	2-18	SUBS	WASH		BOSTON	16 radio blinker signal sets	574-6
281690	2-18	SUPPLY	NY		CHASH	one 5-KW 125 volt trans set	422-6
281613	2/20	Points in France	Yards	France		Radio apparatus.	920
281754	2/20	Brest, France	Wash	Phila	Brest	Radio apparatus.	787-1
281697	2-19	SUB CHASERS	BOSTON		POINTS	3 trans sets and 3 receivers	1-4-6
282463	2-19	MINE SWEEPERS	NY		CHESTER SB CO	trans set	1-5-6
ditto	"	"	Wash		Ditto	radio receiver type CN-113A	ditto
262464	2/21	NO DAKOTA	Wash		Ship	Rec set.	898
282066	2/21	Hampt Rds	NY		Hampt Rds	Gen set.	864
282964	2/21	Norfolk	NY		Norfolk	Trans set	824
282597	2/21	French Stations	NY		Stations	Tools for repair bases.	787-1
282785	2-20	PENNSYLVANIA	NY		CO 1500 lb	package radio sets properly Fritz Lowenstein.	130-6
282463	2-20	MINE SWEEPERS	WASH		CHESTER S B CO	portable receiver (14)	1-5-6
"	"	"	"		PUSEY JONES CO	" (18)	1-5-6
"	"	"	NY		"	trans set (18)	1-5-6
"	"	"	WASH		CHESTER S B CO	" (14)	1-5-6
282965	2-21	MISSISSIPPI	WASH		NORF	1/4 radio field arc set	562-6
282871	2-21	ARKANSAS	WASH		CO	audion control box	121-6
283240	2/25	BUSHNELL	Wash NY	B ost	BUSHNELL	Radio spare parts.	907
283341	2/25	Key West	Wash		Key West	Wave meters.	893-4

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
277804	2/1	CONSTANTIA		Boat	New Orl	Trans set.	771-1
276615	1-21	D-2		WASH	CO	Edison battery	221-5
277093	1-31	SUE CTABLES		BOS ON	PORTS	transmitting set	1-2-6
278278	2-2	TBDS:		NY	NY Boston	5 transmitting sets.	81-Q-6
234937	2-2	TBDS:		NY	NY BSTM/PORTS	4 transmitting sets	75-Q-6
276135	2-2	SALEM		WASH	CO	8 audion bulbs	384-6
277325	2-1	PERY		WASH	CO	radio receiving set	347-6
222220	2-1	MONTANA		PHILA	CO	radio compass type SE 596	
278427	2/2	Ships		Wash M	Is. Pug Sd	Receivers.	771-2
278428	2/2	"		Wash NY	Yards	Receivers and trans set.	"
278429	2/2	stock		Wash	NY	Receiver.	"
278427	2/4	Ships		NY Pug Sd	Phila M. Is.	Trans sets.	"
278430	2/4	Ships		NY Wash	Yards	Trans sets. Receivers.	"
278127	2/2	"		Wash Pug Sd Wash	M. Is. M. Is. Pug Sd	Receivers. Trans sets. Receivers.	"
278128	2/2	"		Wash NY	Yards	Apparatus.	"
278129	2/2	"		NY	New Orl M. Is.	Radio sets.	"
278130	2/2	"		Boat	Yards	Radio sets.	"
278426	2/2	"		Boat	Chasn	Radio set	"
278658	2/4	Lake		Wash	Lake	Audition control box, etc.	876
278659	2/4	Geo A. Campbell		Wash	Lake	Ditto.	876
277955	2-2	PIOTRU		PORT	CC Lowenstein	spark gap	164-6
278179	2/5	El Cayey		Wash	El Cayey	Head radio telephones.	835
278433	2/5	S.B. Vessels		NY	New Orl	Trans sets.	771-2

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To	FROM	TO	Subject.	
278426	2/5	S. B. Vassela	Bost		New Orl	Trans sets.	771-2
278132	2/5	Ditto	Wash		Bost Chasn	Receiving sets.	771-2
278131	2/5	Ditto	Wash		M. Is. Pug Ed	Receiving sets.	771-2
278658	2/5	Geo A. Campbell	UTAH		Lake	Audibility meter.	876
279247	2/6	Hohn Hopkins U.	Wash		Balto	Trans set	797
278431	2/6	Shipping Bd Ves	Wash	NY	Yards	Apparatus.	771-2
278432	2/6	Ditto	all thru.				
247361	2/7	Block Island	Wash	NY	Block Isl.	Receiving sets.	864
278432	2/7	S. B. Vassela	Wash		NY	Receiving sets.	771-2
279074	2-5	BRIDGEPORT	WASH		PHIA	RADIO SETS	8-X-6
"	"	"	"		CO	"	"
"	"	"	"		PHIA	"	"
"	"	"	"		CO	"	8-X-6
279410	2-7	TRINIDAD	NY		BOST. FINEST	Radio material	450-6
278743	2-7	PRINCE	WASH		CO	LONG WAVE RECEIVING SET	360-6
279399	2-7	CARLETON	WASH		CO	long wave receiving set	212-6
279641	2/8	Miami	Wash		Miami	Trans set.	918
279619	2/8	Stock	Boston Wash		Porta	Trans sets and receivers.	876
278658	2/8	G. A. Campbell	Wash		Bridgeport	Inductance coils.	876
279239	2-8	CHARLESTON	WASH		BOSTON	2-20kw transmitting sets	153-6
279401	2-8	WALKE	WASH		CO	long wave receiving set	471-6
279400	2-8	PERKINS	WASH		CO	long wave receiving set	346-6
279945	2/11	NY	Wash		NY	Tone testers.	876
279946	2/11	Stock	NY		Bost	Quenched spark gaps.	876

Number.	Date.	From or To—	Subject.	
271457	1-19	MISSISSIPPI WASH	CO 20 tal keys 20 single ear pieces.	562-6
274648	1-19	MINE SWEEPERS wash	shooter's Island port radio receiver	1-S-6
"	"	" "	Port Richmond receiver	1-S-6
"	"	" "	" 1-kw 120-volt transmitting set.	1-S-6
"	"	" "	Todd ship yds portable receiver	1-S-6
"	"	" "	" 1-kw 120-volt transmitting set	1-S-6
"	"	" "	Standard shipbldg Co. " "	1-S-6
270993	1/22	SPAWNT AROOSTOOK NY	Bost Trans set	771
274646	1/21	Belmar Wash	Belmar Visual radio receiver.	926
274645	1-21	MINE SWEEPERS WASH	SUN SHIPBLDG CO portalradio receiver	1-S-6
"	"	" "	" transmitting set	"
"	"	" "	BALTO MD & S Co. "	"
"	"	" "	" portable radio receiver.	"
275166	1-21	TBDS NY	FR 2 radio transmitting sets/	79-Q-6
275521	1/23	Miami Wash	Miami Material.	908
275420	1/23	Laboratory Wash	NY Wave meter.	893-4
274977	1/22	Western Elec Co ash	Company Arc converter	876
269400	1/23	Bar Harbor Wash	Bar Harbor Loading coils.	864
275033	1-23	GEORGE WASHINGTON WASH	CO one detector stand complete.	23-X-6
234938	1-22	TBDS NY	BOSTON 5 Navy type radio transmitters. 5-kw	79-4-6
275962	1/24	Cape May Wash	Cape May Trans sets.	793-5
275741	1-23	LEONIDAS BOSTON	CO 10 transmitting condensers.	264-6
275632	1-23	" " PHILA	CO 8 protective dev & 8 radiation ammet	264-6
275748	1-23	HANNIBAL BOST PHILA	CO 10 trans ~~XXXX~~ cond ~~XXXX~~ ensers	225-6
275634	1-23	" PHILA	CO protect devices and 8 rad am eters	225-6
275633	1-23	MINE SWEEPERS NY	SUN SHIP COPRN radio trans set port field type receiver	1-S-6

RADIO SHIPMENT REQUESTS

Number.	Date.	From or To--	Subject.	
275975	1-24	DIXIE WASH CO	5 short wave receiving sets 1 detector	189-6
275963	1-24	MINE SWEEPERS NY	Stand Ship Corpn Shooter's Island 1-kw 120 volt trans set and from WAS one portable radio receiver.	1-S-6
276207	1/25	Key West Wash	Key West Receiving set.	817
274948	1/25	Coco Solo NY and Wash	Coco Solo Trans set and control box.	907
275820	1/26	Stock Wash	New Orle Silver chloride cells.	898
275963	1-25	MINE SWEEPERS NY	ELI... trans set	
"	"	" WASH	" port radio receiver	1-S-6
"	"	" "	Staten Island portable receiver.	1-S-6
276804	1/28	Key West Wash	Key West Radio set	918
275963	1-26	MINE SWEEPERS WASH CO	SUN S 3 CORN PHILA port receiver	1-S-6
"	"	" "	TODD S 3 CO NY "	"
"	"	" NY	" transmitter	"
"	"	" "	SUN S 3 CORN PHILA "	"
"	"	" "	TODD CO NY transmitter set	"
"	"	" "	" portable receiver	"
276631	1/29	NASHVILLE Wash NY	NASHVILLE. Radio apparatus.	787-1
220884	1-28	MISSISSIPPI BOAT	CO 12 unit amplifier mica condensers CD	58 562-6
276185	1-28	CALIF WASH	CO 8 audion bulbs.	384-6
272862	1/30	Harvard School Boat	School Arc radio set.	707
275963	1-29	MINE SWEEPERS WASH	STATION ORIOLE port receiver	1-S-6
"	"	" NY	" trans set	"
277494	1/31	Pensa Wash	Pensa Radio apparatus.	827
277004	1-28	MISSISSIPPI WASHINGTON CO	power cable connecting plugs	562-6

FILE No.	From or To— (Dated)	Subject.	
271549	1/7	Macbias Port Post Macbias Port Exide battery.	864
238494	1/7	Savville San Diego Savville. Motor generators.	855
271552	1/7	St. Augustine Wash St Augustine Audion Filament circuit breaker.	834
271585	1/7	Phila NY Phila Radio sets	771-2
251588	1/7	Port NY Port Radio sets	771-2
271683	1-7	MAYRAIT WASH CO one radio receiving set	284-6
271099	1-7	HANCOCK WASH CO ditto	224-6
271093	1-7	DES MOINES WASH CO DITTO	185-6
271680	1-7	CHATTANOOGA WASH CO ditto	154-6
271094	1-7	CALVINGTON WASH CO DITTO	21-X-6
260755	1/8	MELVILLE Phila MELVILLE Radio compasses.	919
272043	1-8	UTAH NY CO one rotary spark g.p.	455-6
271712	1/10	Coast Guard Academy Wash Academy Radio apparatus.	704
272369	1/9	Bases NY Bases Material.	787-1
271644	1/9	Brest Wash Brest Ampere hour stor cells.	787-1
232522	1-9	MELVILLE WASH CO Ampere hour storage cells	510-6
272525	1-9	MELVILLE NY CO emergency transmitter	510-6
272695	1-10	CALDWELL WASH CO RADIO RECEIVING SET	577-6
272578	1-10	WOODEN DITTO	487-6
272577	1-10	SEABERT DITTO	413-6
272576	1-10	ditto " " " "	361-6
272574	1-10	ditto " " " "	333-6
272573	1-10	ditto " " " "	371-6
272572	1-10	ditto " " " "	235-6
272053	1-10	NEW JERSEY WASH CO	233-6
272094	1-10	PITTSBURG WASH ATL FLT via CYCLOPS audion control box	313-6
			342-6

RADIO SHIPMENT REQUESTS.

271554	1/10	Arlington NY	Arlington	Transformer	841
272934	1/12	LOS ANGELES	Wash	LOS ANGELES. Audion control box.	771
273387	1/14	Haiti	Wash	Haiti Adapter for audion bulb.	865
273414	1/14	Radio	Norf	Radio Transformer.	841
270923	1/12	Brest	Sayville NY	Punch head and tie	855
271636	1/16	Grt Lakes	Wash	Grt Lakes Receiving set.	854
273921	1/16	M.Is.	Pug S	M.Is. Radio set.	771-2
274027	1/16	Dublin	Bost	Dublin Trans sets.	776-9
274029	1/16	Dublin	NY	Dublin Trans sets.	736-9
273415	1-15	CO CAL	WASH	CO loadi g coils.	269-6
274086	1/17	Belmar	Wash	Belmar Apparatus.	920
274028	1/17	NY	M.Is.	NY Trans sets.	876
274181	1/17	M.Is.	NY	M.Is. Radio sets.	771-2
273949	1-16	CINCINNATI	WASH	CO 6 audion bulbs.	161-6
274439	1-16	CO PIC	WASH	CO one Marconi receiving set.	152-6
273063	1/18	London	NY	London Radio t lephone sets.	902
274521	1/18	Chasers	Wash	M.Is. Receivers	898
274522	1/18	Ditto		Pug Sd	898
274523	1/18	Ditto		M.Is.	898
274520	1/18	Ditto		Pug S d	898
274180	1-17	TALPA	WASH	CO lon have receiver set Nat E S Co 125-6	
274180	1-18	DIXIE	WASH	CO 4 audion control boxes.	188-6
274647	1/19	Western Elec Co	Wash	Company Apparatus.	920
274238	1/21	Miamia	Wash	Miami Apparatus.	736-1

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—	Subject.	
267945	12-19	78-Q-6 NY	LITTLE one 6 volt emergency transmitter	79-Q-6
"	"	" WASH	" 3 6 volt ampere hr storage cells	"
266902	12/19	Gibraltar Wash	Gibraltar Wave meters.	787-1
238002	12/21	Attache Spain Phila	France Radio compass	919
268429	12/21	Ships Wash NY	Ships Radio apparatus.	905
268535	12/21	San Juan Wash	San Juan Radio apparatus.	835
268123	12/22	Brest Wash	Brest Receiving sets.	787-1
268958	12/22	Bost Wash	Bost Wave meters.	771
268536	12/22	Stations in France and Europe Wash	Receiving sets, etc.	736-9
232774	12/24	Norfolk Wash	Norfolk Radio set.	862
269354	12/26	Nav Acad Wash	Nav Acad Receiving set.	820
268967	12/26	Key West Wash	Key West Arc relay key.	817
268459	12/24	Marine Corps Wash	Haiti Apparatus.	865
269396	12-26	CONNOR WASH	PHILA Long Wave receiving set.	580-6
269606	12/28	Paulliac Wash	Paulliac Radio apparatus.	736-9
269607	12/28	Dublin Wash	Dublin Ditto.	"
269117	12/27	Chatham Belmar	Chatham Cable	920
269397	12-28	VECTIL CO	SEMPSON radio compass	457-6
269459	12-28	SUPPLY WASH	CO long wave receiving set.	422-6
269605	12-28	CHICAGO WASH	CO 4 audion bulbs	158-6
268613	12-29	TBDC ny	BATH 3 electrase insulators.	131-Q-6
269091	12/29	Madrid Phila	France Apparatus.	919
269608	12/28-9	Ships NY Wash	Ships Transmitters.	905
270873	1-4	ARKANSAS WASH	CO 2 glasses for alcohol drip feed pot	121-6
271096	1-4 5	CONNECTICUT WASH	CO three audion bulbs.	169-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To--		Subject.		
269079						
to 269088	Incl 12/28	Ships	Yards	Yards	Apparatus.	771
269604	12/27	Brest	NY	Brest	Apparatus.	920
269691	12/28	Brest	Wash	Brest	Apparatus.	787-1
269890	12-29	DES MOINES	WASH	CO	30 m.h. loading coil	185-6
268822	12-29	UTAH	PHILA	NORF	radio compass	455-5
270336	12/31	Honduras	Wash	Honduras	Radio sets.	793-11
270244	1/2	Mt. VERNON	Wash	MT VERNON	Radio set and audion box.	771-1
269119	12/31	Pu g Sd	Wash	Pu g Sd	Wave meters	893-1
269400	12/27	Bar Harbor	NY Wash	Bar Harbor	Wire switches, etc.	864
270223	12/31	New Lond	NY	New Lond	Radio rattail wire.	861
267949	12/31	Pt Isabel	NY	Pt Isabel	Spark gap.	853
270335	12/31	Nav Acad	Wash	Nav Acad.	Apparatus.	707-1
266390	12-31	PERKINS	PHILA	CHASN	rotary spark gap	346-6
256673	1/3	Test Station	NY	Wash	Trans keys.	898
270872	1/3	Tuckerton	Wash	Tuckerton	Radio head telephones.	891
270244	1/3	Ships	Wash	Ships	Radio apparatus.	771-1
265323	1-3	STERLING	WASH	CO	audion control box	412-6
267673	1-3	L-5-7	ny	LAKE	radio apparatus	545-6
271097	1/4	COLUMBIA	Wash NY	COLUMBIA	Apparatus.	905
270871	1/4	Machias Pt	Bost	Machias	Trans and rec sets.	864
270244	1/4	Ships	Wash	Ships	Radio apparatus.	771-1
270993	1/4	SHAWMUT & APOOSTOOK.	NY Bost		Trans sets	881
267060	1/5	Brest	NY	Brest	Trans relay keys.	920
271097	1/5	Ships	Wash NY	Ships	Apparatus.	905

RADIO SHIPMENT REQUESTS

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Number.	Date.	From or To—	Subject.	
265697	12-8	LEVIATHAN WASH	CO 3 radio audion bulbs.	35-X-6
265586	12-7	MISSISSIPPI NY	NY 10-kw main and aux antenna switch	562-6
264944	12-7	JASON WASH	CO long wave radio receiving set	521-6
265135	12/8	MIAMI Belmar	Miami Radio material.	736-1
266040	12/11	Grt Lakes Wash	Grt Lakes Antenna spreader.	854
266107	12/11	LYNDONIA Wash	Ships Audion control box.	771
266107	12/11	M. Is. School Pug S d	M. Is. Radio set.	707-2
266006	12/11	NAHMA NY Wash	NAHMA Trans set and copper wire	771
266006	12/11	Gibraltar Wash	Gibraltar Audion detector bulbs.	920
266038	12-13	JUPITER WASH	CO radio receiving set.	251-6
264944	12/13	Advance Base NY and Wash	Advance Base Radio apparatus.	731
265136	12/13	Miami Belmar	Miami Radio apparatus.	736-1
253503	12-14	N-4-7 WASH	NY type CM-294 receiving set	587-6
253503	12-14	N-4-7 NY	Lake type CM-294 receiving set.	587-6
266879	12-14	L-5-7 NY	Lake Detector, oscillator, amplifier	545-6
266879	12-14	L-5-7 NY	Lake Simon radio transmitting set.	545-6
266878	12-14	WISCONSIN CHARLESTON CO	CO 2-kw wave changer	484-6
266068	12-14	SADEN WASH	CO audion control box	384-6
266880	12-14	ALABAMA WASH	CO radio receiving set.	107-6
266511	12/14	Chasn Wash	Chasn Audion control box/	916-7
266762	12/14	Newport Wash	Newport Wave meters.	893-4
266801	12/14	Managua East	Managua Leyden jars.	858
266802	12/14	Managua Wash	Managua Resistance Lead telephones	858
265638	12/14	Grt Lakes Wash	Grt Lakes Audion detector bulbs.	854

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—	Subject.	
267011	12/14	Colon Wash	Colon Relay key	808
266972	12/14	Portland NY	Portland Trans set	803
267050	12/15	Brest, France Wash Bost	Brest Radio apparatus.	920
266902	12/15	Gibraltar NY	Gibraltar Meter and decimeter	787-1
267502	12/17	Miami Belmar	Miami Apparatus.	908
"	"	Marconi Co Belmar	Marconi Co Wave meters	"
265153	12/17	Phila Wash	Phila Wave meter	893
267594	12-18	L 5-7 NY	Lake Insulators	545-6
267594	12-18	L 5-7 Mass	Lake 5000 ft antenna wire.	545-6
267658	12-18	WALKE NY	CO 6-volt emergency transmitter	471-6
267658	12-18	WALKE WASH	CO 3 6-volt 80 ampere hour storage cells	471-6
199693	12/18	NY Bost	NY Apparatus.	876
267785	12/18	Advance Base Wash	Advance Base Aeroplane radio trans set	918
199699	12/18	M. Is Bost	M. Is. Apparatus.	876
199698	12/18	M. Is. Bost	M. Is. Apparatus.	876
199692	12/18	NY Bost	NY Apparatus.	876
267944	12-19	CONNOR NY	CO 1 6-volt emergency transmitter	580-6
267944	12-19	Connor wash	co 3 6 volt ampere hour storage cells	580-6
267943	12-19	CALDWELL NY	CO one 6 volt emergency transmitter	577-6
267943	12-19	ditto WASH	CO 3 6 volt ~~storage~~ amp hour stor cel	577-6
268048	12-19	93-Q-6 WASH	CO 3 6 volt ampere hr d storage cells	93-Q-6
ditto	"	" NY	CO one 6-volt emergency transmitter	93-Q-6
268047	12-19	81-Q-6 "	" " "	81-Q-6
"	"	" WASH	" 3 6-volt amper hr storage cells.	"
267946	"	80-Q-6 "	" " "	80-Q-6
"	"	NY	" one 6 volt emergency transmitter	"

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Number.	Date.	From or To—	Subject.	
262897	11/28	Rockaway Beach Wash	Rockaway Beach Radio sets.	918
262898	11/26	Pensa Wash	Pensa Radio sets	918
262677	11/24	M.I.s. Wash	M.I.s. Post Terminals	898
254518	11/26	Guam Wash	Guam Radio key.	813
263293	11/27	Managua Wash	Managua Apparatus	858
221113	11/27	Yards Stations Bost	Yards Stations Radio sets (Motor Gen)	771
207779	11-27	STOCKTON WASH	PHILA 6-volt-30-amperestorage cells	581-6
263415	11-27	RHODE ISLAND WASH	WASH WAVE METER TYPE S.E. 73	377-6
263414	11-27	MISSOURI DITTO	DITTO DITTO	292-6
263416	11-27	MINNESOTA WASH	RADIO APPARATUS.	290-6
234951	11-27	NEW YORK WASH	NY portable field radio set.	131-6
263413	11-27	ALABAMA WASH	WAVE METER TYPE SLE. 73	107-6
263833	11/28	Atl City Wash	Atl City Magneto cable.	920
236735	11/28	ARK CONN	ORIGINALLY for DELA FLOR. Apparatus.	897-1
263736	11/28	Yards NY	Yards Radio sets	771-2
263705	11-28	CONNOR PHILA	NY RADIO APPARATUS	580-6
263562	11-28	TERRY WASH	long wave receiver	432-6
263563	11-28	PRAIRIE NY WASH	SPERRY TRANSMITTER (4 BATTERIES)	360-6
263412	11-28	ARKANSAS WASH	6 doz. ever ready batteries.	121-6
263587	11/30	Nav Acad Wash	Nav Acad Apparatus.	916-11
263894	11-30	KANAWHA WASH	BOSTON 20-kw, 125 volt radio arc set	508-6
263893	11-30	FULTON BOSTON	NEW LONDON 1/4-kw portable radio set	498-6
265921	11-30	PROTEUS WASH	CHASN 20-kw, 125 volt radio arc set	164-6
263412	11-30	ARKANSAS WASH	ARKANSAS various radio material	121-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—	Subject.	
263773	12/1	European Base Wash NY Phila	Apparatus.	787-1
263755	Ditto	Ditto		
264327	12/1	Brest, France Wash NY Phila	Apparatus.	787-1
265923	12-1	WYOMING WASHINGTON	WYOMING 6 doz every ready batteries.	488-6
264270	12-1	CYCLOPS WASH	CYCLOPS one receiving set type C.N.	176-6
264067	12/3	M. Is. Bost	M. Is. Mica condensers	882-1
264420	12/3	Norfolk Wash	Norfolk Wave meters	876
264757	12/3	Ft Crockett NY Wash	Ft. Crock. Radio set and apparatus.	876
264579	12-3	MISSISSIPPI NY	NN insulators and insulator springs	562-6
264813	12-3	DOLPHIN NY	KEY WEST 2kw radio trans set	189-6
264943	12-5	NEREUS WASHINGTON	NEREUS 20-kw-125-volt arc set Fed Tel	Co. 165-6
264964	125	ORION WASH	ORION ditto above arc set.	163-6
264941	12-5	FUEL OIL SHIP WASH	BOSTON 20-kw arc trans set 125-volt.	16-K-6
264942	12-5	CUYAMA WASH	CUYAMA 20-kw, 125-volt radio arc set	576-6
264944	12-5	JASON WASH	JASON 20-kw, 125-volt radio arc set	521-6
265323	12-6	STERLING NORF	PHILA 2-kw radio motor generator	412-6
265142	12/6	Chatham Wash New	Land Chatham Apparatus.	920
265141	12/6	Dispo Sub Base	Wash Receiver	898
265136	12/6	Miami Wash Belmar NY	Miami Radio apparatus.	736-1
264297	12-7	UTAH WASH	CO audion control box	455-6
265610	12-7	PROTEUS WASH	CO long wave radio receiving set and audion control box.	16496
264962	12-5	ORION WASH	CO ~~20-kw-125-volt~~ long wave radio receiving set Fed Elec Sup Co.	163-6
265515	12-6	CINCINNATI WASH	CANAL ZONE receiving set Port Cristobal	161-6

RADIO SHIPMENT REQUESTS:

Number.	Date.	From or To—	Subject.	
259090	11-7	MISSOURI WASH	5 Western Elec Co bulbs	292-6
259092	11-8	D-2 WASH	NEW LONDON Navy type short wave receiver	221-6
259706	11-7	O boats WASH	BOSTON one Deforest audion control box	574-6
259606	11/9	Montauk Pt. Phila	NY Radio compass.	793-5
259402	11/9	Norfolk Bost NY	Norfolk Radio sets	771-2
259401	11/12	Repairs Bost	Wash Radio set	898
259714	11/12	Navassa Isl Wash	Guantanamo Receiver	793-5
259605	11/12	Dispo Bost	Wash Port set	897
250106	11/12	Harvard School Wash	Bost Wave meter	107
259835	11-10	MELVILLE WASH	NY 30 6-volt ampere hour storage cells	510-5
259835	11-10	MELVILLE NY	10 6-volt emergency transmitting buzzer gap type for use with Navy type wave changers.	510-5
259963	11/13	Montauk Pt Wash	Montauk Pt. Audion bulbs and box	819
260059	11-13	PUEBLO NORF	wire and stuffing boxes.	166-6
259449	11/14	Pg Sd Bost	Pg Sd Condensers.	882-1
260474	11-14	CONNOR PHILA	CRAMPS radio wire.	580-4
259964	11/15	E. J. Simon Wash	Simon Trans set	916
260363	11/15	Phila Bost	Phila Radio sets	771-2
260536	11/15	M. Is. Pug Sd	M. Is. Radio sets	771-2
239722	11/15	Vessels NY	Yards Motor generator radio sets.	771
260752	11/16	Phila Wash	Phila Receiving sets	898
26075A	11/16	Nat'l Elec S. Co Wash	Company Receiving set	898
261101	11-16	FLORIDA WASH	6 Western Elec audion bulbs.	205-6
261102	11-16	WYOMING WASH	" " " " "	488-6

RADIO SHIPMENT REQUESTS

Number.	Date.	From or To—	Subject.	
261100	11-16	DELAWARE WASH	6 Western Elec Audion bulbs.	182-6
261103	11-16	NEW YORK WASH	" " " " "	131-6
245715	11-17	ULUSSES NY	PUG SD RADIO TRANSMITTING SETS	~~687-6~~
260755	11/17	Melville Phila	MELVILLE Radio compasses	919
260756	11/17	Gibraltar Phila	Gibraltar Radio compasses	919
260753	11/17	Phila Wash	Phila 23 audion boxes.	898
255612	11/17	PENNA Wash	PENNA Gen Radio Co aux radio set	898
261275	11/19	Tuckerton Wash	Tuckerton Carbon holder for radio set.	891
261763	11/20	Tuckerton Wash	Tuckerton Carbon electrode holder.	891
261546	11-20	WYOMING WASH	6 radio key contacts.	433-6
261764	11-20	MELVILLE WASH	200 stand type audion detector bulbs	510-6
261712	11-20	BEALE WASH	NY 1 set bat for type P-2 DeForest audion box.	134-6
260754	11-20	93-Q-6 ~~XXXX~~ PHILA	M IS radio compass v	93-Q-6
262155	11/21	Belmar Wash	Belmar Receiver	920
261763	11/21	Tuckerton Wash	Tuckerton Radio arc set	891
262185	11/21	Brest NY Wash	Phila Transmitters and stor cells	787-1
263745	11-21	DENVER NY WASH	WASH Kil & Clark receiving set.	184-6
260551	11/22	Yards NY	Yards Radio sets	771
226224	11/22	Aconshnatt NY	Best Radio set	704
261402	11-22	TEXAS WASH	MARCONI RECEIVING SET AND WAVE METER	132-6
262993	11/24	Norri NY	Norri Radio sets	771-2
262892	11-24	93-Q-6 WASH	M IS buzzer instruction set and six parry buzzer and Blinker Practice radio sets.	93-Q-6
262896	11/26	Montauk Pt Wash	Montauk Pt Radio sets.	918

1912.

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RADIO SHIPMENT REQUESTS

Number.	Date,	From or To—	Subject.	
251533	10-23	BUFFALO NY	PHILA Wireless Impr Co. 2 kw transmitter	144-6
256139	10/23	Belmar NY	Belmar Gasoline, etc.	793-5
255235	10/24	Montrose NY	Norfolk Trans and rec set	727
255204	10/24	Mlec School Wash	M.I.S. Telephone head sets.	707-2
255281	10/25	Grt Lakes Wash	Grt Lakes Audion bulbs	854
256498	10-25	WISCONSIN MISSOURI	2 CROCKER wheeler 80 volt motor gen and onw 2-kw telefunken transformer	484-6
230843	10-25	MISSOURI WASH	2 2-kw Marconi radio transformers one 2-kw Essenden radio motor generator	292-6
254673	10/26	Dispe Jupiter	Wash Apparatus.	816
256149	10-26	KEARSAGE WASH	KEARSAGE Sperry short wave receiver	257-6
256149	10-26	KEARSAGE WASH	KEARSAGE I.P. 76 radio receiver	257-6
241252	10-26	H-4 NY	Lake All radio apparatus	587-6
255885	10/27	May Wash	NY Receiver	771
254189	10-27	NEW YORK WASH	Nat Mlec Long Wave receiver	131-6
257068	10-27	HANNIBAL NY	Telefunken receiver	225-6
257068	10-27	HANNIBAL WASH	NYType A short wave receiver.	225-6
255377	10/29	Ships NY	Ships Conductor WOLD	731
254098	10/29	Marconi Co. NY	Company Wave changing switch.	876
257376	10-29	SP NY	Norfolk Commercial type Marconi transmitting and receiving set complete.	519
256822	10/30	Dispe Chasn	Wash Receiver	898
256823	10/30	Dispe St. Augustine	Wash Wave meter.	893-4
257518	10/30	Pt. Isabel NY	Pt. Isabel Antenna transfer switch.	853
257179	10/30	Sub Base Bost	New Lond Oscillator equipment.	797
256824 n	10/31	Dispe Chasn	Wash Receiver	898

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
255725	10/31	Shipping Bd Vessels	NY	Yards	Trans sets		771-2
256966	10/31	Rockaway Beach	Wash	Beach	Blinker signal sets.		707
257883	11/1	Phila	Wash	Phila	Wave meters.		893-4
240811	11/1	Amerika	Wash	NY	Wave receiver.		771
257930	11-1	MELVILLE	WASH		type CAM 321 radio buzzer instruction set		510-6
257928	11-1	VESTAL	WASH		DITTO ABOVE		457-6
257931	11-1	PANTHER	WASH		DITTO ABOVE		332-6
257929	11-1	NORTH DAKOTA	WASH		DITTO ABOVE		321-6
257932	11-1	BIRMINGHAM	WASH		DITTO ABOVE		138-6
257758	11-1	MISSOURI	WASH		Fessenden radio transmitting transformer		292-6
257757	11-1	SAN DIEGO	NY	PORTS	Marconi remodeled 5-kw wave changer with loading coil.		147-6
258043	11/2	M. Is.	Bost	M. Is.	Dubilier condensers		842
254036	11/2	Guantanamo	NY	Guanta	Radio set		793-8
258048	11/2	Yacoma	NorF	Bost	Searchlight.		771
255525	11/3	Lewes	Wash	Phila	Trans set		864
244059	11-3	SUBMARINES	GROTON	FR	insulators originally for Groton		123-0-5
255725	11/5	Ship Bd Vessels	Yards	Yards (12)	Radio apparatus.		771-2
258896	11/6	Mt. Desert	Bost	Ports	Radio set		864
258707	11/6	Aero Sta	NY	Aero Sta	Switches.		800
258889	11/6	Stock	Wash	NY	Radio set.		875
258582	11/6	City College	Wash Phila	NY	Control box, receiver, compass.		707
258890	11-7	ARKANSAS		BELMAR, N.J.	1 audibility meter	No. 129	121-6
258892	11/8	Luchenbach	265 NY	Bost	Radio set		771-2
258891	11/8	Belmar	Wash Newport	Belmar	Audibility and wave motor.		920

Number.	Date.	FOR	From or To— FROM	TO	Subject.	
253504	10/12	0 boats	Wash	Bost	Receivers	574-6
"	"	M-1	Ditto			574-6
253507	10/9	N-1-4	Wash	Pug Sd	"	547-5
253505	10/9	L-5-7	Wash	M. Is.	"	545-6
246362	10/9	PUEBLO	Pug Sd	Norfolk	Wave changer	156-5
254011	10/11	Belmar	Wash	Belmar	Radio apparatus.	920
254094	10/11	Newport	NY	Newport	Spark gap	822
253710	10/10	Baspo	Guantanamo	Norfolk	Radio set	793-5
252531	10/11	Phila	NY	Phila	Trans set	361-6
253875	10/11	DENVER	Wash	DENVER	Trans set	184-6
254339	10/12	MASS	Wash	MASS	Audion control box	281-6
254337	10/12	IOWA	Wash	IOWA	Wave meter	244-6
254338	10/12	INDIANA	Wash	INDIANA	Audion control box	240-6
254098	10/12	Panel radio set	NY	Wash	Apparatus	876
249743	10/12	Constantia	NY	New OrL	Trans set	771-1
254011	10/13	Belmar	Wash	Belmar	Apparatus.	920
251808	10/15	Air Station	Wash	San Diego	Radio sets	918
254456	10-15	1-2-6	NY	Norfolk	4 Simon transmit sets	1-2-6
254456	10-15	1-2-6	NY Wash	Phila	2 Nat Elec Supply Co radio receivers	ditto
254456	10-15	1-2-6	Wash NY	Phila	2 Simon sets	"
254456	10-15	1-2-6	NY	Charleston	2 Simon transmitt sets.	"
254452	10/16	Foreign force	NY Wash	Phila	Apparatus radio	736-3
254453	10-16	CALDEN	NY	Phila	Marconi 2 kw trans set	20-X-6
254453	10-16	CALDEN	Wash	Phila	Short & long receivers, meters, and audion control box.	20-X-6

RADIO SHIPMENT REQUESTS

Number.	Date.	From or To--		Subject.		
254456	10-16	1-2-6	Wash	Charleston	Radio receivers N E S Co.	1-3-6
254456	10-16	1-2-6	Wash	NY-	4 radio receivers ditto	1-2-6
254456	10-16	1-2-6	Wash	Norfolk	ditto	1-2-6
254936	10-16	DOLPHIN	NORF	NORF	2 kw 120 V radio gen	189-6
254452	10-16	HANNIBAL	NY	PORTS	2 kw Marconi trans sat.	225-6
254453	10-16	LEONIDAS	NY	Ports	ditto	254-6
254820	10-16	HUNTINGTON	Wash		Audion b battery	477-6
255197	10-17	NEW ORLEANS	Wash	Wash	Long wave receiver NES Co.	314-6
255047	10/19	E.S. No 1	Wash	E.S. 1	Buzzer instrn beth.	898
246508	10/19	NY	Best	NY	Relay key	898
253854	10/19	Patrol Head.	Wash	Patrol Head.	Receiving set	884
255742	10/19	Elec School	Phila	M.I.B.	Radio compass	787-2
255257	10/18	MACDONOUGH	Wash	Phila	Receiver	271-6
248939	10/18	ALBANY	NY	Best	Wave changer	108-6
255333	10/18	Dispe	MONTANA	Wash	Receiver	299-6
255311	10/19	MISS	NY	NY	Antenna switch	562-6
255297	10-18	ASTORIA	NY	Charleston	VOID	
255540	10-20	HAWK	WASH	GREAT LAKES	field type radio receiver	227-6
199695	10/22	NY	Norfolk	NY	Transformers, etc.	875
199694	10/22	NY	Norfolk	NY	Ditto	"
255894	10-22	MOWAGHAN	NY	BOSTON	2 Lowenstein 2 kw r trans sat.	298-6
236978	10-22	VERMONT	WASH		Marconi short wave receiver	456-6
					Navy portable receiver	
256180	10-23	STOCKTON	WASH		4 Western Elec Co audion bulbs	581-6
					12 oxide filament bulbs.	
251533	10-23	BUFFALO		Nat Elec	long wave receiver and Sperry	
			WASH		short wave receiver.	144-6

RADIO SHIPMENT REQUESTS.

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Number.	Date.	FOR From or To—	FROM	TO	Subject.	
249782	9/20	Marconi Co	Phila	Company	Radio compass	919
250113	9/20	NY	Wash	NY	Wave meters	893
249919	9/20	Harvard U	Wash	Harvard U	Audion control box.	707
250173	9/21	MELVILLE	NY	MELVILLE	Trans sets	787-1
247900	9/21	SAVANNAH	NY	Bost	Trans set	771-1
250084	9/21	NY	Wash	NY	Audion control box	771
243700	9/21	DUNCAN		Wash	Short wave receiver	516-5
247447	9/21		NEREUS	Wash	Short wave receiver	165-6
24900	9/22	Marconi Co	Wash	Company	Aeroplane radio sets	918
250358	9/22	Bost	Wash	Bost	Transfer switch	916-3
250339	9/22	Marine Corps	Wash	Haiti	Apparatus.	899
248939	9-22	ALBANY		NORF BOST	apparatus	108-6
250174	9-22	DOROTHEA	NY		FIELD TYPE RECEIVER TRANSMITTING SET.	191-8
250402	9-22	Wash	DOROTHEA	WASH	all receiving apparatus and transmitting sets complete.	221-6
250070	9-22	NORTH DAKOTA	NORF	NY	are armature for main gen.	321-5
250900	9/24	Dispo	Norf	Wash	Audion box	898
250153	9/24	Operating Base	Wash	Norf	Radio apparatus	736-1
237576	9/25	ISABEL	Wash	Bost	Audion control box	599-6
250671	9/25	LEVIATHAN	Wash	NY	Ditto	35-X-6
251052	9/25	Norf	NY	Norf	Trans set	898
250781	9/26	Dispo	SAN DIEGO	Wash	Wave meters	147-6
250916	9/26	BULGARIA	Wash	Norf	Receiver	9-X-6
240893	9/26	Dunwoody Inst	Wash	School	Radio apparatus.	707
251021	9/27	VIRGIN Iles	Wash	Iles	Radio apparatus.	863

RADIO SHIPMENT REQUESTS

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
251339	9-27	CONNECTICUT	WASH	WASH	short wave receiver.	169-6	
251261	9-27	WASH	LEBONON	WASH	radio apparatus.	263-6	
251420	9-27	MISSISSIPPI	WASH	NORF	receiver control box	562-6	
251622	9/28	Tuckerton	Wash	Phila	Wave meters	891	
250173	10/1	MELVILLE	Brest NY	MELVILLE	Brest Apparatus.	787-1	
252054	10/1	Tavernilla	Gorgona Wash	Coast Guard	Insulators.	727	
252270	10-3	AYLWIN		WASH	MARCONI RECEIVER	517-6	
252270	10-3	Aylwin		WASH	NAT ELEC SUP CO long waivereceiver	517-6	
252790	10/4	Marrine	Barrachs Phila	Wash	Barracks Buzzer blinker sets.	898	
252567	10/4	New Lond	Wash	Sub Base	Apparatus.	861	
252521	10/4	Dry Tortugas	West	Key West	Gas engine radio set.	817	
252368	10-4	ANTIGONE	Wash	Norf	2 field type receivers.	4-X-6	
244543	10-4	OLYMPIA		WASH	K&C wave meter.	324-6	
208980	10-4	O-11 to 13	Wash	NY	short wave receiver 1/2/17 cancel	590-8	
252715	10-4	O-11 to 13	Wash	NY	short wave receiver Nat Sup Co.	590-6	
199695	10/5	NY	Norf	NY	Transformers	876	
252971	10-5	ASTORIA	NY	CHARLESTON	1/2 kw Simon trans set.	5-X-6	
253215	10/5	Norf	Wash	Norf	Wave meters	893-4	
253213	10/6	NY	Wash	NY	Audion control.	771	
253387	10/8	New Lond	Wash	Sub Base	Head telephones	902	
253216	10/8	O-Boats	NY	Boat	Trans set	574-6	
253463	10/8	WOLVERINE	Wash	WOLVERINE	Receiver	485-6	
199695	10/10	NY	Phila	NY	Switchboards & parts.	876	
199694	10/10	"	"	"	"	"	
253503	10/10	N-4-7	Wash	NY	Receivers	587-6	
253509	10/10	L-8	Wash	Ports	Receivers	585-6	

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Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
247424	9/6	NEPTUNE		NY	Ship	Auxiliary transmitter	309-6
247423		MARS					279-6
247422		JUPITER					251-6
247420		CYCLOPS					176-6
247416		ORION					163-6
247413		CHARLESTON					153-6
247418		CELTIC					152-6
247425		ARCTURUS					120-6
234839		75-Q		Phila	Bath	A ntennas	75-Q-6
247354		Pekin		Wash	Pekin	Receiver	657
247447		NORRIS		Wash	Ship	Receiver	165-6
247005		Bath, Machine		Wash	B ost	Trans and rec sets	864
247355		Patrol Force		Wash	Patrol Force	Decremeter	771
247772	9/7	NY		Wash	NY	Receivers	898
247005		Bost Chasn		Wash	Yards	Apparatus	864
247763		Corsair		Wash	ship	Receiver and control box	771
247764		Wake 11		Wash	ship	Receiver	771
237726		Panama Canal		NY	Canal	Receivers	727
247728		Advance Base		Pensa	Phila	Trans set (Aero)	918
247960	9/8	CALDWELL		Wash	Ship	Buzzer Instrn set	577-6
247841	9/7	USLO		Wash	Norfolk	Transmitter	166-6
247752	9/7	MATLEY		Phila	Bath	Insulators	582-6
247961	9/8	Aux. Trans		Bath NY	Bath	Auxiliary trans.	771-1
234239	9/10	Stock		Wash	NY	A. aratus.	771

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To	FROM	TO	Subject.	
248304	9/11	L-9		Wash	Best	Apparatus	528-6
248368	9/11	SALEM		Wash	Best	Trans set	384-6
248083		Penza		Wash	Penza	Air plane bulbs	918
248098		Cape Haitien		Wash	C. Haitien	Apparatus	899
248332		Pearl Harbor		Wash	Pearl Harbor	Signal control board	852
248559	9/12	Sub Base		Wash	New Lond	Apparatus	865
245409	9/12	Guantanamo	Best		Guantanamo	Relay key	813
248404	9/12	Tavernilla		Wash	Coast Guard	Trans and rec set	704
248556	9/12	CLEVELAND		Wash	Chasm	Receiver	162-6
249014	9/14	Van Stenben		Wash	Phila	Receiver	771 --1
248832	9/13	Coast Guard	NY		Coast Guard	Apparatus.	727
249344	9/17	Wash	NY		Wash	Dirigible radio sets	918
248928	9/14	Aero Sta		Wash	Aero S ta	Aero armature	918
248877	9/14	Grt Lakes		Wash	Grt Lakes	Receiver	793-6
249150	9/15	Tavernilla		Wash	Coast Guard	Receiver	704
249134	9/15	Wash		Phila	Wash	Trans set	876
248939	9-14	ALBANY		NY	Norf	Receiver	109-6
248939	9-14	ALBANY		Wash	Best	Receiver	106-6
249345	9/17	TONOPAH		Wash	Ship	Receiver	438-6
249345	9/17	SAN DIEGO		Wash	Ship	Kalster decrameter	147-6
249258	9/15	PENNA		Phila	Ship	Radio compass	130-6
"	"	Phila		PENNA	Phila	Ditto	"
245343	9/18	Best		Bath	Best	Radio set	582-2
249636	9/19	Barataria Bay		Wash	New OrL	Apparatus	859

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Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
245653	8/25	Mer Vessels	Chasers	Bost	NN	Trans sets	771-1
245568	8/25	Lydenia		Wash	Norf	Port receiver	771
243367	8/25	Yam crow		Bost	NN	Mica condensers	704
245722	8/27	Ships		Wash	S hips	Blinker instrns sets	876
245653	8/27	M.V. Chasers		Bost	Yards	Trans sets	771-1
235723	8/27	TBD 125		NY	NYS	Trans sets	125-Q-6
245725	8/27	TBD 135		NY	Chasn	Trans sets	135-Q-6
245724	8/27	TBD 131		NY	Bath	Trans sets	131-Q-6
245725	8/28	TBD 135		Wash	Chasn	A paratus	135-Q-6
245724		TBD 131		Wash	Bath	Ditto	131-Q-6
245723		TBD 125		Wash	NYS	Ditto	125-Q-6
246029		JASON		Wash	JASON	A pere hour	521-6
243950		PETREL		Wash	PETREL	Audion control box	348-6
236974		MINNESOTA		Wash	MINN.	Audion control box	290-6
245891		HOPKINS		NY	Phila	Trans set	233-6
246254	8/29	Pensa		Wash	Pensa	Radio gen	918
246156		NY		Wash	NY	Receiver	896
240405		CUBAN BOAT		Wash	Chasn	Apparatus	793-8
"		"		NY	Chasn	Trans set	793-8
246298	8/30	SEATTLE		NY	SEATTLE	Buzzer radio set	474-6
246299		SAN FRANCISCO		"	Ship	Ditto	389-6
246300		PROTEUS		"	S hip	Ditto	164-6
245778		CHARLESTON		Wash	CHARLESTON	Apparatus	153-6
231869		Dispo		NY	Norf	Switch	900

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR From or To—	FROM	TO	Subject.	
234739	8/30	Dispo	VATERLAND	Wash	Receiver	771-1
30028	8/30	Kilbourne & Clark Co		Norfolk Co.	Radio motor gen	629
239015	8/31	Boat	NY	Boat	Trans sets	771-1
245542		NY	Wash	NY	Receiver	707
245472		Coast Guard	Wash	Vessels	Apparatus	704
246987	9/1	MAYPINE	Y	Phila	Trans set	875
246855	9/1	NY	Wash	NY	Receiver	704
246945	9/1	Subs	Wash	Bost	Receivers	528-6
246948	9/1	L-1-4	Wash	Phila.	Receivers	514-6
246575	9/1	STERLING	NY	STERLING	Spark gap	412-6
246949	9/1	K-1-4	Wash	Phila	Receivers	421-6
246946	9/1	E-1	Wash	New Lond	Receiver	401-6
246674	9/1	PADUCAH	NY	PADUCAH	Spark gap	329-6
247355	9/5	LABORATORY	Wash	Phila	Receiver and audion cont box	916-6
247361	9/5	Newport	Wash	Newport	Apparatus	864
247153	9/5	ANDROSCOGGIN	Wash	Ship	Apparatus	704
241572	9/5	Ditto	NY	Ditto	Antenna switch	704
247427	9/5	MAUMEE	NY	Ship	Auxiliary transmitter	556-6
247419		BRIDGE				533-6
247421		JASCH				521-6
247448		STERLING				412-6
247414		ST. LOUIS				363-6
247417		PROMETHEUS				364-6
247413		NERO				310-6

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
243494	8/16	MAIN		Wash	Main	Detector	274-6
243493	8/16	Dispo		NEVADA	Wash	Receiver	153-6
"	"	NEVADA		Wash	NEVADA	Receiver	153-6
199698	8/16	Norfolk	No 6	Phila	M. Is.	Ameters	876
199695	8/16	NY		Norfolk	NY	Apparatus	876
243788	8/16	CADITO		Wash	CADITO	Lighting switches	851
234739	8/16	WATERLAND	Dispo	WATERLAND	Wash	Receiver	771-1
234799	8/16	Harvard U		NY	Cambridge	Apparatus	707-3
242199	8/16	C. G. Cutters			NY	Receiver	704
244031	8/16	M. Is.		Wash	M. Is.	Receivers	876
243654	8/17	Merch Ships	Chasers	NY	Yards	Apparatus	876
199695	8/17	Ord #3		Phila	NY	Meters and protective devices	876
199694	8/17	Ord No 5		Phila	NY	Meters	876
244455	8/18	O)Boats		Wash	Bost	Apparatus	574-6
244031	8/16	NY		Wash	NY	Receivers	876
199699	8/16	Ord No 4		Phila	M. Is.	Frequency ammeters	876
240405	8/18	Cuban G. B.		Phila	Chas.	Trans and rec set	793-8
243824	8/17	WHEELING		Wash	Ship	Radio tele head set	478-6
244625	8/20	Chaser M. S.		Yards	Yards	Apparatus	898
244083	8/20	Lt. House	Tenders	Yards	Yards	Apparatus	678
244747	8/21	HUNTINGTON		Wash	HUNTINGTON	Apparatus	477-6
244832	8/21	Patrol Boats		Wash	Yards	Portable receivers	897
244911	8/21	M. S.	Chasers	NY	Yards	Trans sets	876
240321	8/21	Ships		Wash	Ships	Instrn sets	876

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
244249	8/21	Harvard U	Wash		Harvard U	Buzzer instrn set	707
237725	8/22	Panama	NY		Pier	Trans sets	727
236977		Diapo	NEW JERSEY	Wash	Receivers		313-5
244832		Patrol vessels	Wash		Yards	Port receivers	897
199701		Ord 4	Pug Sd		M. Is.	Apparatus	876
199700		Order 6	Pug Sd		M. Is.	Ditto	"
199699		Order 4	Boat		M. Is.	Ditto	"
199698		Order 6	Boat		M. Is.	Ditto	"
199693		Order 3	Boat		NY	Ditto	"
199692		Order 5	Boat		NY	Ditto	"
234938		TBD 75	Phila		Bath	Antennas	75-0-5
245306	8/23	Diapo	OLYSSSES		Wash	Trans set	557-5
245240		PENNA	Wash		PENNA	Wave meter	130-5
235241		M.S. Chasers	Wash NY		Norfolk	Rec and tran sets	876
245239		Elec School	Wash		M. Is.	Apparatus	707-2
~~670~~							
245494	8/24	MINNEAPOLIS	Phila		Ship	Port field set	289-6
245343	8/25	DANLEY	Bost		Bath	Trans set	582-5
245572		SCHLEY	Wash		Bost	Apparatus	586-5
245526		WYOMING	Wash		Ship	Receiver and control box	488-5
244059		123-0	NY		Groton	Insulators	123-0-6
245610		Stock	Wash		Bost	Wave receivers	898
245654		M. vessels Chasers	NY		Yards	Trans sets	876
245537		Onward	Phila		Norfolk	Trans set	876
245653		Mer Vessels	Bost		Phila	Trans sets	771-1

Number.	Date.	FOR	From or To--	F ROM	TO	Subject.	
241947	8/6	TEXAS	Wash	TEXAS	Bulbs		132-6
242063	8/6	Issue	Bost	NY	Dubilier condensers		882-1
242198	8/6	Stations	Wash	STATIONS	Blinker instrn sets		736-1
242199	8/6	Coast Guard Cutters	Wash	Yards	Apparatus		704
242414	8/7	HAILEY	Phila	Bath	Co per wire		562-6
242477	8/7	HELVILLE	Wash	HELVILLE	Repair kit		510-6
242300	8/8	New Lond	NY	New Lond	Sub entering insulators		907
242300	8/8	New Lond	Wash	New Lond	Radio set		907
242504	8/8	Chasers	Yards	Yards	Radio apparatus		876
		merchant vessels					
242386	8/8	Seneca	NY Wash	Seneca	Apparatus		704
242732	8/9	Marine Corps	Wash	Marine Corps	Port sets		897
242706	8/9	Chasers Merchant Ships	NY	Yards	Trans sets		876
242505	8/9	Ditto	Wash	NY	Receivers		876
242731	8/9	Ossipee	NY	Wash	Apparatus		704
242604	8/10	Chasers Merch Vessels	Wash	Yards	Receivers		876
242918	8/11	Tampa	Wash	Bost	Apparatus		704
241704	8/11	Dispo	STILLING	NY	Ditto		412-6
243270	8/11	PHILIA	Phila	PHILIA	Radio compass		202-6
243161	8/11	Wakiva	Wash	Bost	Detector		SP
233493	8/11	Robbins & Meyers Co	Phila	Co Gages for spark caps			896
242706	8/11	Merch Ves & Chasers	Bost	Yards	Apparatus		876
208861	8/11	Phila	NY	Phila	Wave changer		828
242937	8/11	Chasn	Wash	Chasn	Batteries		807
243119	8/11	Algonquin	Norfolk Wash	NN	Apparatus		704

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR From or To—	FROM	TO.	Subject.	
242461	8/15	Dispo	CHESTER	Wash	Amidon	156-6
242380	8/15	Pug Sd	Wash	Pug Sd N. Is	Receivers	898
242803	8/15	Squantum	Wash	Squantum	Spares	736-1
243367	8/15	Tannerow	Wash Norfolk	NY	Apparatus	704
	8/14	3rd Dist	Wash	NY	Radio blank forms	609
243700	8/14	DUNCAN	Wash	Duness	Receiver	516-6
242194	8/14	HUNTINGTON	Wash	HUNTINGTON	Wave meter	477-6
"	"	"	Norfolk	"	Q quenched gap	"
243704	8/14	REID	Wash	REID	Receiver	371-6
243703	8/14	PRESTON	Wash	PRESTON	Receiver	362-6
243701	8/14	MAYRANT	Wash	MAYRANT	Receiver	204-6
243702	8/14	FLUSSER	Wash	FLUSSER	Receiver	206-6
243699	8/14	BEALE	Wash	BELAE	Radio apparatus	134-6
231579	8/14	Various Sta	Wash	NY	Apparatus	876
243740	8/15	YANKTON	Wash	YANKTON	Apparatus	490-6
243897	8/15	DES MOINES	NY	Ports	VOID.	
203051	8/15	TEXAS	Wash	TEXAS	Receiver and amidon	132-6
243806	8/15	Aero Sta	Wash	Aero Sta	Trans set	918
243160	8/15	KANAWHA	Wash	KANAWHA	Receiver and detector	898
243369	8/15	Cavite	Wash	Cavite	Apparatus	906
240408	8/15	Bridgeport		Bost	Set	771-1
234739	8/15	WATERLAND	Wash	NY	Receiver	771-1
243743	8/15	Hanning	Wash	Hanning	Apparatus	704

RADIO SHIPMENTS REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
239577	7/24	Dispo		NY	Wash	Receiver	771-1
239722	7/24	Ships		NY	Yards	Trans and rec sets	771
240315	7/25	ARIZONA		Wash	ARIZONA	Instrn set	529-6
238249	7/25	Chasers		Wash	NY	Receivers	1-2-6
239175	7/25	Condor		Wash	Chasn	Receiver	SP
"	7/25	"		NY	"	Radio set	SP
240208	7/25	Yards		Wash	Yards	Buzzer blinker radio sets	876
240314	7/25	Darien		Wash	Darien	Wave meter	851
240320	7/25	Aero Sta		Wash	Aero Sta	Transmitter	827
240363	7/25	MAULEY		NY	Bath	Insulators	582-6
240316	7/25	CUYAMA		Wash	CUYAMA	Receiver	576-6
239734	7/25	Dispo		N.H.	Wash	Receiver	512-6
240 97	7/25	119		Wash	NN	Apparatus	119-Q-6
"	"	"		NY	NN	Trans sets	"
240809	7/28	Dispo		RALEIGH	Wash	Receiver	368-6
"	"	RALEIGH		Wash	RALEIGH	Receiver	"
239922	7/28	Marine Corps		Wash	Phila	Apparatus	876
240810	7/28	Grt Lakes		Wash	Grt Lakes	Relay key	854
240951	7/28	Darien		Wash	Darien	Antenna wire	851
240920	7/28	Chasn		NY	Chasn	Trans set	807
240811	7/28	German ships		Wash	East	Receivers	771-1
240950	7/28	Marming		NorF	Chasn	Radio set	704
239175	7/28	Condor		Wash	Chasn	audion	SP
240922	7/30	Aviation Detach		Wash	1st Dist	Transmitters, etc.	918

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
240921	7/30	Pearl Harbor	NW		Pearl Harbor	Trans set	852
240920	7/30	Dispo	Chasn		Wash	Radio sets.	807
241328	7/31	ST. LOUIS	Wash		Bost	Receiver	383-6
240923	7/31	PADUCAH	Wash NY		Ports	Apparatus.	329-6
241164	7/31	Dispo	NEW HAMPSHIRE	Wash		Wave meter	312-6
241167	7/31	Dispo	HANTIBAL		Wash	Receiver	225-6
241166	7/31	Dispo	HANCOCK		Wash	Wave meter	224-6
241327	7/31	Amer L.B.Co	Wash NY		Amer Co	Apparatus	19-N-5
241303	7/31	Dispo	ROE		Wash	detector	898
241755	8/2	SEATTLE	Ports		NY	Gen and transformers	474-6
241704	8/2	STERLING	Phila	NY	Phila	Turbo Gen and spark gap	412-6
237403	8/2	Dispo	MONTGOMERY		Wash	Trans set	301-6
237403	8/2	MONTGOMERY	NY		Norf	Trans set	301-6
240321	8/2	Ships	Wash		Ships	Instruction sets	876
241616	8/2	Tutuila	Wash		Tutuila	Wave meter	846
241703	8/2	New OrL	Wash		New OrL	Decrometer	821
237403	8/2	Bost Phila	NY		Bost Phila	Trans and rec sets	876
240321	8/3	Grt Lakes	Wash		Grt Lakes	Instrn set	876
208972	8/4	SOLEY			Bost	Trans set	586-6
241327	8/4	TUGS	Wash		TUGS	Receiver	19-N-6
241786	78/4	HENDERSON	Wash		HENDERSON	Apparatus	511-6
241147	8/4	Dispo	ST LOUIS		Wash	Receiver	383-6
24147	8/4	ST. LOUIS	Wash		ST LOUIS	Receiver	383-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	For	From or To--	From	To	Subject.	
237914	7/13	SMITH	NY		Chasm	Spare armature.	402-6
237820	7/13	REID	NY	Bost	Bost	Apparatus	371-6
238177	7/13	REID	NY		Chasm	Trans transformer	371-9
238249	7/13-14	Chasers	Yards		Yards	Apparatus	1-2-6
238042	7/13	"	"		"	"	"
238204	7/14	MASS	Bost		Phila	Radio set	281-6
238212	7/14	INDIANA	Norf		Phila	Radio set	240-8
232744	7/14	Cherrystone	Wash		Norf	Masts	862
"	"	"	Wash		Norf	Radio set	862
237306	7/16	TACOMA	Receiver	Wash	TACOMA	Receiver	425-6
237967	7/16	CULGOA	Wash		CULGOA	Receiver	172-6
238581	7/16	Pearl Harbor	Wash		Pearl Harbor	Receiver	852
238538	7/16	San Diego	Wash		San Diego	Ditto	830
237973	7/16	Guam	Wash		Guam	Ditto	813
238582	7/16	Cavite	Wash		Cavite	Ditto	806
	7/17	Frisco	Wash		Frisco	Radio blank forms	609
238854	7/17	SALEM	Wash		Bost	Apparatus	384-6
238892	7/17	PADUCAH	Wash		Ports	Receiver	329-6
236974	7/17	Dispo	MINNESOTA		Wash	Apparatus	290-6
238891	7/17	CHESTER	Wash		Bost	Receiver	156-6
238939	7/17	PENNA	Wash		PENNA	De Forest Oscillation	130-6
231977	7/17	NY	Phila		NY	Radio compass	919
238729	7/17	Phila	Wash		Phila	receivers	898
238750	7/17	PRES GRANT	Wash		NY	Receiver	771-1

RADIO SHIPMENT REQUESTS.

Number.	Date.	For	From or To—	From	To	Subject.	
237676	7/18	ISABEL	Wash		Bath	Receiver	599-6
237676	7/18	ISABEL	NY		Bath	Trans set	599-6
238805	7/18	SCHLEY	Wash		Bost	Receiver	586-6
238687	7/18	DOWNES	Wash		Phila	Receiver	445-6
237306	7/18	TACOMA	Wash		TACOMA	Receiver	425-6
238854	7/18	SALEM	Wash		Bost	Receiver	384-6
238890	7/18	BIRMINGHAM	Wash		Bost	Wave meter	138-6
238961	7/18	New Orl	Wash		New Orl	Receivers	821
232744	7/18	Cherrystone	Wash		Norfolk	receiver	862
	7/19	Frisco	Wash		Frisco	B bank forms	609
232462	7/19	MANLEY	Phila		Bath	Apparatus	582-5
239377	7/19	SALEM	Phila		Bost	Ditto	384-5
237820	7/19	REID	NY		Chasn	Trans condensers	371-5
232359	7/19	Dispo	KENTUCKY		Wash	Receiver	258-5
239384	7/19	Chasn	Bost		Chasn	Condensers	582-1
238581	7/20	Pearl Harbor	Wash		Pearl Harbor	Receiver	852
239522	7/20	Guam	NY		Guam	Trans set	813
235119	7/20	Tugs	Wash		Norfolk	Radio set	727
239798	7/21	Aero radio set from Wash to Pensac					918
239533	7/21	Aphrodite	Wash		NY	Wave meter	SP
232462	7/20	MANLEY	NY		Bath	Insulators	582-6
239480	7/21	MAINE	Wash		MAINE	12 buzzer blinker radio sets	274-6
240107	7/24	UTAH	Wash		UTAH	Receivers	455-6
238785	7/24	Dispo	3rd Dist		NY	Port field set	897

RADIO SHIPMENT REQUIREMENTS.

Number.	Date.	For	From or To—	From	To	Subject.	
236575	7/3	VESTAL		Wash	VESTAL	Operating key	457-6
236108	7/3	MONTANA		Wash	MONTANA	Apparatus	299-6
208503	7/3	JUPITER		Wash	JUPITER	Ultradiation	251-6
236437	7/3	Rehoboth		Wash	Phila	Rec set ex-DATTERSON/	771
236192	7/3	KENTUCKY		Wash	NY	Tran set	256-6
235255	7/5	BATTLE CRUIER		Wash NY	NY	Radio apparatus	4-BB-6
235257	7/5	"		"	NYS	"	3-BB-6
235256	7/5	"		"	NN	"	2-BB-6
235258	7/5	"		"	FR	"	1-BB-6
233731	7/6	Grt Lakes		Wash	Grt Lakes	Radio apparatus.	875
237559	7/6	Grt Lakes		Wash	Grt Lakes	Field sets	854
236795	7/6	Cavite		M. Is.	Cavite	Ultradiation	806
236193	7/6	MC CARO		NY	MC CARO	Antenna	320-6
236274	7/6	MINNESOTA		Wash	MINNESOTA	Receiving set	280-6
236669	7/6	KENTON		Wash	KENTON	"	255-6
234940	7/6	TBD 95		Wash	FR	Apparatus	95-6
236731	7/7	Grt Lakes		Phila	Grt Lakes	Test meters	875
236975	7/7	MINNESOTA		NY	MINNESOTA	Receiving set	280-6
236971	7/7	LOUISIANA		Wash	LA	"	236-6
236976	7/7	NEW HAMPSHIRE		Wash	N.H.	"	312-6
234939	7/7	Montgomery		M. Is.	Union	Trans sets	87-6
235474	7/6	"		NY	Cramps	"	113-6
234949	7/6	"		Wash	"	Rec sets & ultradiations	97-6
234941	7/6	"		Wash	M. Is.	Rec sets	93-6

SALE OF PROPERTY OF THE U. S. ARMY

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
234939	7/6	Destroyers	Wash	Union	Receiving sets		87-Q-6
236973	7/7	MICHIGAN	Wash	MICHIGAN	Receiving set		296-6
236972	7/7	MAINE	Wash	MAINE	"		274-6
234938	7/7	Destroyers	Wash	FR	Radio apparatus		79-4-6
"	"	"	NY	"	Trans sets		"
236970	7/9	KEARNEY	Wash	KEARNEY	Rec set		257-6
234729	7/9	Disq	N or F	Wash	Apparatus		108-6
237541	7/10	MUNTER LAMON	Wash	Wash	Class. Detectors		496
236979	7/10	VERMONT	Wash	VERMONT	Rec set		172-8
236178	7/10	VERMONT	Wash	VERMONT	Ditto		486-6
237300	7/10	VERMONT	Wash	VERMONT	Ditto		1-5-6
237542	7/10	FIELD	Wash	Class	Wave meter		371-6
236977	7/10	NEW JERSEY	Wash	NEW JERSEY	Rec set		118-6
236976	7/10	NEW JERSEY	Wash	NEW JERSEY	Rec set		712-6
237578	7/10	Dispo	COEN	Wash	Apparatus		109-6
237552	7/10	SAN DIEGO	Wash	SAN DIEGO	Port Radio		117-5
236674	7/11	PORT	Wash	Port	Rec set		300-6
237315	7/11	Dispo	Bost	Wash	Radio compass		919
237320	7/11	JANUARY	Wash	NY	Rec set		87-1
237310	7/11	Wash	Wash	Wash	Radio compass		878-1
237717	7/12	O-S	NY	Bost	Trans set		514-6
237841	7/12	De Forest Co	Goodyear Co	De Forest	meter generator		882-5
237985	7/12	Pt. Isabel	NY	Pt Isabel	Trans set		853
234799	7/12	Klec School	Yards	NY	Apparatus		707-5

Number.	Date.	For	From or To	From	To	Subject.	
234177	6/19	MILWAUKEE	Wash	Phila	Apparatus		289-6
233926	6/19	MAINE	Fug Bd	Mls.	Turbo generator		279-6
227368	6/19	GRT LAKES	Wash	Int. Comm.	Blank forms		354
229405	6/19	Radio	Bost	Wash	Air condenser		843
228215	6/19	Frisco Train	Wash	Frisco	Port set		842
233256	6/19	Chasn	Wash	Chasn	Apparatus		807
221030	6/19	Grt Lakes	Wash	Grt Lakes	Apparatus		769
234484	6/20	Dispo	Norfolk	Wash	ticker detector		898
234235	6/20	Merchant ships	NY	Chasn	Trans set		771
234235	6/20	"	NY	New OrL	Ditto		771
234236	6/20	"	Wash	Chasn	Rec set and ultraudion		771
234238	6/20	"	Ditto	"	"		771
221113	6/20	"	Wash	Phila	Apparatus		771
234239	6/21	Merchant ships	Wash	Grt Lakes	Rec set and ultraudion		771
234240	6/21	"	NY	"	Trans set		771
234559	6/21	"	Wash	NY	Rec sets and detectors		771
234644	6/21	"	Yards	Yards	apparatus		771
229405	6/22	Radio	Bost	Wash	Condenser		843
234666	6/22	Locksum	M. Is.	Pearl Harbor	Apparatus		771-1
	6/23	Yerba Buena	Wash	Frisco	Blank forms		609
234926	6/23	Merchant ships	Fug Bd	M. Is.	Trans and rec set.		771
234925	6/23	SHAW	Wash	SHAW	Rec set		572-6
234872	6/23	UTAH	Phila	UTAH	Radio compass		455-6
234718	6/22	NO. DAKOTA	Wash	No. DAKOTA	De Forest detector		321-6
232686	6/22	Dispo	Phila	Phila	2 to 10 set		107-6
	"	ALABAMA	NY	Phila	Trans set		"

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO.	Subject.	
234729	6/27	ALBANY		NY	Norfolk	Radio apparatus.	108-6
235178	6/28	G-4		Wash	G-4	Ultradion	436-6
235188	6/28	R. I.		Wash	R. I.	Radio material.	577-6
235210	6/28	ODOMOLA		NY	OSCEOLA	Trans set	327-6
235192	6/28	OHIO		Wash	OHIO	Rec. set	323-6
234951	6/28	NEW YORK		Wash	NEW YORK	Port field set	131-6
234940	6/28	95-Q-6		Yards	FR	Radio apparatus.	95-6
234937	6/28	TRD 75		Yards	Bath	Radio apparatus	75-6
235725	6/29	Grt Lakes		NY	Grt Lakes	Quenched spark gap	654
236178	6/30	Staatsekretar		M. Is.	Tutuila	Radio apparatus.	771
236038	6/30	SAN FRAN		NY	Ports	Arc radio set	389-6
235951	6/30	KENTUCKY		Wash	KENTUCKY	Rec set	258-6
235850	6/30	ALABAMA		Wash	ALABAMA	Rec set	107-6
236046	6/30	Mahma		NY	London	Radio apparatus.	SR ₁
234939	6/29	Tbds		NY	Union	Trans sets	87-Q-6
"	"	"		Wash	Union	Radio apparatus.	"
235755	6/30	SAN FRAN		NY	Ports	Wave changer.	389-6
236422	7/2	O-6		Boat NY	Boat	Trans set	574-6
"	"	"		Wash	"	Apparatus.	"
236131	7/2	FIELLSICK		Log 3d	FIELLSICK	Generator	280-6
235082	6/30	Cavite		Wash	Cavite	Components	806
236435	7/2	City of Lowes		Wash	Phila	Rec set	771
234591	7/2	Hamburg		Wash	NY	Rec set	771
174575	7/2	NEWY		NY	NY	Trans set	496

RADIO CHIEF SET REPORTS.

Number.	Date.	From or To—	Subject.	
232116	6/6	HENDERSON Wash	Phila Coils	511-6
230731	6/6	Dispo Norf	Wash Trans set	130-6
232026	6/6	Aphrodite Wash	NY Radio apparatus	SP
232119	5/6	Pekin China M. Is.	Pekin Short wave receiver	857
232195	6/7	LOUISIANA Wash	LA Ultratradion detector	268-6
232359	6/7	KENTUCKY Wash	KENTUCKY Receiving set	258-6
232194	6/7	De Kalb Wash	De Kalb Receiver	771-1
232517	6/8	HENDERSON Bu	HENDERSON Short wave receiver	511-6
232188	6/7	Dispo Grt Lakes Wash	Trans set	491-6
232188	6/7	YANTIC NY	Grt Lakes Trans set	491-6
222680	6/8	PERKINS Phila	PERKINS Rotor	346-6
232518	6/8	Inspr Akron Wash	Inspr Akron Motor generator	882-3
231902	6/8	Wash Bost	Wash Trans condenser	882-1
232712	6/9	CALIFORNIA Wash	M. Is. Apparatus.	592-6
232713	6/9	" NY	" Trans set	592-6
232712	6/9	TENNESSEE Wash	NY Apparatus.	573-6
232711	6/9	NEW MEXICO "	NY "	554-6
229797	6/9	SEATTLE Wash	SEATTLE Receiving set	474-6
221229	6/9	Aero Sta Wash	Aero Sta Receiving set	897-1
232847	6/11	OLYMPIA NY	Chasn Wave changer	324-6
222290	6/11	ALABAMA Wash	ALABAMA Kolster megrometer	107-6
231656	5/11	Admiral Sims Wash	NY Radio apparatus	793-1
232618	6/11	Saxonia Wash	Pug Bd Receiving set	771-1
232214	6/7	Sub Base New L. Wash	New Lond Trans and rec set	861

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
233063	6/12	W. VA		Wash	NN	Apparatus	48-B-6
233083	6/12	W. Va.		NY	NN	Trans set	48-B-6
233099	6/12	WASHINGTON		Wash	NYS	Apparatus	47-B-6
233099	6/12	WASHINGTON		NY	NYS	Trans set	47-B-6
233085	6/12	MARYLAND		Wash	NN	Apparatus	46-B-6
233085	6/12	MARYLAND		NY	NN	Trans set	46-B-6
233084	6/12	COLORADO		Wash	NYS	Apparatus	45-B-6
233084	6/12	COLORADO		NY	NYS	Trans set	45-B-6
232579	6/12	Dirigible School	Wash		School	Instrns set.	918
233255	6/12	Virgin Isles	Wash		Virgin Isles	Engine spares	699
233596	6/14	Kauai	Wash		Kauai	Receiving set	508-6
233595	6/14	Dirigible School	Wash		School	Instruction sets.	918
233594	6/14	Xarifa	Wash		NY	Receiving set	771-1
233304	6/14	BRIDGE	Wash		BRIDGE	Detector	533-6
233118	6/13	NY CHARTER	Wash		NY	Receiving sets	1-2-6
232773	6/13	H. Is.		NY	H. Is.	Motor generator	682-3
225533	6/15	Dispo	SEATTLE	Wash		Rail compass	919
23404	6/15	Pearl H. Har	Wash		Hawaii	Black Forms	852
233296	6/14	R. J. Anderson	NY		Manort	Blender set, etc.	SP
233747	6/15	LINE	NY		LINE	Live charger	274-6
221113	6/19	Merchant ships	Yards		Yards	Trans sets receiving sets, etc.	771
234371	6/19	ILALO	Wash		NYS	Fort fill set	563-6
234370	6/19	MISS	Wash		MISS	Di'no	562-6
234336	6/19	MISS	Wash		MISS	Di'no	510-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To--		Subject.		
230179	5/25	SMITH	Bost	Chasn	Wave changer & loading coil	402-6
"	"	"	Chasn	Norf	Generator, trans transformer	402-6
"	"	"	Norf	Chasn	Cap and generators.	402-6
"	"	Bost	Chasn	Bost	Quenched gap	402-6
230178	5/25	De Kalb	Wash	Phil	Receiving set	771-1
230248	5/25	MONADNOCK	Wash	MONADNOCK	Receiving set	297-5
231512	5/28	Dispo	Chasn	Wash	Receiving set	771-1
231512	5/28	Wash	Chasn Wash	Chasn	Receiving set	771-1
230551	5/28	Phila	Wash	Phila	Bulbs	916-5
230228	5/28	Wash	COLUMBIA	COLUMBIA	Receiving set and bulbs.	167-6
230513	5/28	Wash	Phila	MAYBANT	Ultradion and wave meter	284-6
230552	5/28	Dispo	Norf	Phila	radio compass	205-6
230730	5/28	Stock	Wash	Phila	Receiving sets	876
"	"	"	"	NY	"	"
"	"	"	"	Bost	"	"
221113	5/29	MERCHANT SHIPS	Yards	Yards	Radio apparatus	771
230730	5/29	Yards	Wash	Yards	Receiving sets.	876
230872	5/29	Olongapo	Wash	Olongapo	Receiving sets.	826
229533	5/29	Chasn	Wash	Chasn	Wave meter.	916-7
230735	5/29	Ships	Wash	Ships	Portable radio set	897-1
230537	5/29	TEXAS	Wash	TEXAS	Audion bulbs.	132-6
230868	5/29	Aero Sta	Bost	Aero Sta	Radio set	SP
221113	5/30	Merchant V.	Yards	Yards	Receiving sets	771
230434	5/31	Manning	Balto	Chasn	Gen sets	704

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RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—	Subject.	
221113	5/31	Merchant ships Wash	Phila	Receiving sets 771
230880	5/31	MISSO WYOMING	Wash	Arc relay key. 488-6
231196	5/31	TEXAS Wash	TEXAS	Head table sets 132-6
221113	6/1	Merchant Ships Yards	Yards	Radio apparatus 771
231320	6/1	Phila Wash	Phila	Receiving set 916-5
231319	6/1	Bost NY	Bost	Trans set 802
231513	6/2	WYOMING Wash	WYOMING	Instruction set 488-6
231520		SEATTLE	SEATTLE	474-6
231521		SAN FRAN	SAN FRAN	389-6
231518		R.I.	R.I.	377-6
231522		OLYMPIA	OLYMPIA	324-6
231519		MINNESOTA	MINNESOTA	290-6
231516		CONN	CONN	169-6
231515		NEW YORK	NEW YORK	131-6
231514		ARKANSAS	ARKANSAS	121-6
231517		ALABAMA	ALABAMA	107-6
231132	6/2	Grt Lakes NY	Grt Lakes	Copper braid 854
231132	6/2	Grt Lakes Bost	Grt Lakes	Leyden Jar 854
231132	6/2	Grt Lakes Wash	Grt Lakes	Crystal detectors 854
230843	6/2	MISSOURI NY	MISSOURI	Apparatus 292-6
231492	6/2	ST. LOUIS Wash	Phila	Ultraudion 383-6
231773	6/4	Kilbourne & Clark CHICAGO	Company	Tran formers 158-6
232026	6/5	APHRODITE SAN FRANCISCO	APHRODITE	Long wave receiver. 771-1

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RADIO SHIPMENT REQUESTS

Number.	Date.	From or To—		Subject.		
228083	5/15	Dispo	PATTERSON	Wash	Receiving set	335-6
228329	5/15	NEW JERSEY	Wash	NEW JERSEY	Field radio set	313-6
228328	5/15	MICHIGAN	Wash	MICHIGAN	Radio set	286-6
228229	5/15	MCCALL	Wash	MCCALL	Receiving set	269-6
228127	5/15	AMMEN	Wash	AMMEN	Ultraudio	115-6
228404	5/16	Aero Sta	Wash	Aero Sta	Buzzer blinker outfits.	736
228517	5/16	Kiel	Wash	Chase	Receiving set	771-1
2	5/16	"	NY	"	Trans set	"
226882	5/16	Coast Guard Depots C.G. Ships Apparatus From Coast Guard Ships				704
228420	5/16	ALLEN	NY	Phila	Motor generator	570-6
228566	5/16	MAUMEE	Wash	NY	Radio set	556-6
228042	5/16	PARKER	Wash	PARKER	Head telephone sets	518-6
228564	5/16	KANAWHA	Wash	Norf	Apparatus	508-6
228542	5/17	Elec School	Wash	Ny	Buzzer Instrn sets	707-3
228500	5/16	Testing	Norf	NY	Quenched spark gaps	698
228555	5/17	CUYAMA	Wash	Norf	Arc radio set	586-6
228548	5/17	SEATTLE	Wash	SEATTLE	Receiving set	474-6
228566	5/17	SALEM	Wash	Bost	Arc radio set	384-6
228742	5/17	FANNING	Wash	FANNING	Ultraudion	203-6
228570	5/17	CULGOA	Wash	CULGOA	Ditto	172-6
228556	5/17	NEREUS	Wash	Norf	Arc radio set	165-6
228557	5/17	PROTEUS	Wash	Norf	Ditto	164-6
228513	5/17	NEW YORK	Wash	NEW YORK	Condensers & Keys.	131-6
228674	5/18	Assignment	Pug Sd	U. Is.	Apparatus	771

RADIO SHIPMENTS REQUESTS.

Number.	Date.	From or To—		Subject.			
224333	5/18	Dubilier Co	Phila	Dubilier Co	Protective device	885	
229085	5/19	Sultana	Wash	NY	Receiving set	771	
213281	5/19	Dispo	Darien	Wash	Trans set	808	
"	"	"	"	NY	Storage battery	808	
225731	5/19	Grt Lakes	Don Jaun	Da Austria	Grt Lakes	Radio apparatus	190-6
229338	5/21	German Ships	Wash	NY	Receiving sets	771	
228694	5/21	Pearl Harbor	Wash	Pearl Harbor	Receiving sets	852	
228318	5/21	VIRGINIA	Wash	Bost	Apparatus	465-6	
229145	5/21	PENNA	Wash	PENNA	Instruction set	130-6	
229810	5/23	Dispo	Fug 5d	M. Is.	Trans set	876	
229797	5/23	SEATTLE	Wash	SEATTLE	Receiving set	474-6	
229441	5/23	GEORGIA	Wash	GEORGIA	Receiving set	215-6	
229806	5/23	DISPO	WHIPPLE	Wash	Trans set	479-6	
229807	5/23	Dispo	STEWART	Wash	Ditto	413-6	
229908	5/23	Dispo	PREEBLE	Wash	Ditto	361-6	
229809	5/23	Dispo	PAUL JONES	Wash	Ditto	338-6	
230027	5/24	Portland-Waine	L. V.	Wash	Ports	Trans and rec set	678
229285	5/24	Lexington	NY	Chasn	Trans and rec set.	771	
230028	5/24	Vedette	Wash	NY	Receiving set	771	
229206	5/24	DES MOINES	Phila	Ny	Radio set complete	185-6	
229206	5/24	DES MOINES	NY	Wash	Receiving set	185-6	
221229	5/23	Aero Sta	Wash	Aero Sta	Port receiving set	897-1	
230200	5/25	Andromeda	Phila	New Orl.	Protective device.	771	
"	"	"	Bost	"	Leyden burg.	"	
"	"	"	Wash	"	radio detector	"	

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RADIO WIRELESS REPAIRS.

Number.	Date.	From or To—	Subject.	
206701	5/8	PENNA Wash	PENNA Port receiving set	876
206701	5/8	ARIZONA Wash	ARIZONA Ditto	876
226954	5/8	WILKES Wash	WILKES Wave meter	571-6
226953	5/8	ALLEN Wash	ALLEN Wave meter	570-5
216894	5/8	Dispo WHIPPLE	M. Is. Ticker detector	479-6
226951	5/8	TERRY Wash	TERRY Wave meter	432-6
226952	5/8	PENKINS Wash	PENKINS Wave meter	346-6
225084	5/8	PENNA NY	PENNA Trans set	130-6
225318	5/8	ALBANY Wash	ALBANY Amplifier transformer	108-6
213732	5/8	Dispo KEATINGE Wash	Trans set	257-6
227058	5/8	Weyers Glash	Wash Receiver set	876
227135	5/9	Dispo WICHAMPTON Wash	Rec and trans set	876
227030	5/9	Yards Wash	Yards Ultradiams	898
227354	5/9	NY Wash	NY Wave changer	346-6
216915	5/9	Dispo WASHINGTON CO Wash	Wave meter	268-6
222314	5/9	Eitel Frederick NY	Phila Trans set	771
225870	5/10	Annap N.Y.	M. Is. Trans set	771
222701	5/10	WYOMING Wash	WYOMING Variable transformer	882-1
227505	5/10	Aero Sta Wash	Aero Sta Apparatus	916-8
226616	5/10	Dispo Ports Wash	Trans Set	474-6
"	5/10	SEATTLE NY	Ports Trans set	"
"	5/10	Dispo SEATTLE Wash	wave meter and detector	"
227549	5/10	TORONTO Trans-NY	Ports Trans set	439-6
227549	5/10	TORONTO Wash	Ports Receiver set	439-6
227549	5/10	TORONTO Wash	Ports Receiver set	404-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—		Subject.		
224343	5/11	Dispo	NY	Wash	Trans set	404-6
227594	5/11	TRIPPE	Wash	TRIPE	Head telephone sets	448-6
227652	5/11	Christabel	Wash	NY	Receiver	771
227763	5/11	Assignment	Wash	Bost	Portable field set	771
"	5/11	"	Wash	NY	"	"
227732	5/11	"	Norf	NY	Radio apparatus	876
"	5/11	"	Norf	Bost	"	"
"	5/11	"	Norf	Phila	"	"
227504	5/11	Laboratory	Wash	Pensa	"	916-8
227924	5/11	Assignment	Ships	NY	Apparatus	771
	5/12	PCS	Wash	San Fran	Radio blank forms	609
227786	5/12	Bu Stands Lab	Phila	Wash	Radio compass	916
~~227571~~	~~5/11~~					
221890	5/14	New Orl	Wash	New Orl	Buzzer sets.	821
227924	5/14	Merchant Vessels	Ships	Yards	Apparatus	771
228022	5/14	ALLEN	ARKANSAS	ALLEN	Receiving set	570-5
228162	5/14	Wash	BALCH	Wash	Receiver	520-5
228026	5/14	BALCH	CONN	BALCH	Receiving set	520-6
226732	5/14	PARKER	Wash	PARKER	Ditto	518-5
228025	5/14	WYOMING	Wash	WYOMING	Receiving set	488-6
228027	5/14	SEATTLE	Wash	SEATTLE	Aero radio set	474-6
228024	5/14	PATTERSON	WYOMING	PATTERSON	Receiver	335-6
228161	5/14	CONN	Wash	CONN	receiving set	169-6
228023	5/14	ARKANSAS	Wash	ARKANSAS	Receiving set	121-6
226882	5/15	Coast G. Cutters	Yards	Cutters	Apparatus	704

RADIO CHILMONT REQUESTS

Number.	Date.	From or To—	Subject.	
221113	5/2	German Ships NY	Yards Radio sets.	771
225799	5/2	Mohawk Wash	Mohawk Filament bulbs.	704
225899	5/2	CHICAGO NY	CHICAGO Panel for key control	708
222314	5/2	EITEL FREDERICK NY	Phila Trans set.	771
	5/3	Pearl Harbor Wash	M. Is. Radio blank forms	609
225533	5/3	Dispo BIRMINGHAM Wash	Radio compass	919
225911	5/3	CUYAMA Wash	CUYAMA Wave meter	576-6
225908	5/3	MAUMEE Wash	MAUMEE Ditto	556-6
225913	5/3	JASON Wash	JASON Ditto	521-6
225910	5/3	KALAMITA Wash	KALAMITA Ditto	508-6
225909	5/3	NEREUS Wash	NEREUS Ditto	165-6
225912	5/3	ORION Wash	ORION Ditto	163-6
225914	5/3	PROTEUS Wash	PROTEUS Ditto	164-6
225914	5/3	" "	" Ultraudion	164-6
225915	5/3	ROE Wash	ROE Ditto	381-6
225788	5/3	SARATOGA M. Is	Pug 3d Ditto	316-6
225742	5/3	CHESTER Wash	CHESTER Receiving set.	156-6
226108	5/3	PENNA Wash	PENNA Buzzor blinker instrn sets	130-6
226063	5/3	MCHAGHAN NY	Chasn Wave changer	411-6
226064	5/3	STERRETT NY	Chasn Ditto	411-6
226224	5/4	Coast Guard Cutters Yds	Yards Radio apparatus.	704
226129	5/4	HARVARD Wash	NY Receiving set	771
226130	5/4	KRONPRINZ WILHELM Wash	Phila Ditto	771
226124	5/4	JACOB JONES Wash	JACOB JONES receiving set	552-6

RADIO EQUIPMENT RECEIPTS.

Number.	Date.	From or To—	Subject.	
226150	5/4	Wellefleet Wash	Bost Receiving set	876
225902	5/4	TERRY Wash	TERRY detector	432-6
225903	5/4	PERKINS Wash	PERKINS Ditto	348-6
225905	5/4	MONAGHAN Wash	MONAGHAN Ditto	298-6
225906	5/4	DIXIE NY	DIXIE Spark gaps	188-6
225906	5/4	DIXIE Wash	DIXIE Filament bulbs.	188-6
225907	5/4	Disp BALCH	Wash Wave meter	520-6
225904	5/4	STERRETT Wash	STERRETT Ultraudion detector	411-6
226324	5/5	Various ships	Coast Guard Vessels Radio sets	704
221174	5/5	Getor N. Is.	Pearl Harbor Trans set	876
226184	5/5	SAN DIEGO SO DAKOTA	Receiver	408-5
226568	5/5	MELVILLE Wash	MELVILLE Kolster decremeter	510-5
226563	5/5	CUSHING FLORIDA	CUSHING Long wave receiver	543-6
226558	5/5	BRISCOE PENNSYLV	BRISCOE Long wave receiver	544-6
226552	5/5	WADSWORTH UTAH	WADSWORTH Long wave receiving set	551-6
226553	5/5	UTAH NY	UTAH Receiving set	455-6
226284	5/7	Coast Guard Cutters	Various Various Yds Apparatus	724
216284	5/7	Darien NY	Darien quenched spark gap	850
226861	5/7	MELVILLE Wash	Bost Receiving set	510-6
225732	5/7	Dispo NY	Wash Receiver	420-6
225326	5/7	CHART CA N. Is.	Aug Bd Portable set	316-6
226560	5/7	NEBRASKA Wash	NEBRASKA Receiving set	308-6
226561	5/7	FLORIDA Wash	FLORIDA Receiving set	205-6
226890	5/7	Harvard Wash	NY Receiving set	771
226067	5/7	New Orleans NY	New Orleans Spark gap	821

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RADIO SHIPMENT REQUESTS

Number.	Date.	From or To--	Subject.	
222765	4/19	NASHVILLE Wash	Nashville Receiving set	306-6
222762	4/19	SAMPSON Wash	SAMPSON Receiving set	567-6
223316	4/19	LINCOLN Wash	CLARK Marconi receiver.	771
222714	4/20	Etel Frederick Wash	PHIL Wave meter and ultratron	771
223349	4/20	San Diego NY	N.Y.s. Wave changer	830
223815	4/20	CHICAGO Wash	CHICAGO Apparatus.	178-6
223864	4/20	Disposition DEL WASH	Receivers.	182-6
223156	4/20	REARSGR Wash	Best ultratron detector.	257-6
223085	4/20	VICTHURG Pac So	VICTHURG Ditto.	459-6
223016	4/20	DAVIS Wash	DITTO Wave meter.	569-6
224084	4/21	PHIL WASH	PHIL Are protective device.	685
219875	4/23	GUAN Wash	GUAN Choke coils for arc trans.	814
224056	4/23	NY	NY	150-5
224153	4/24	WOLF Wash	WOLF Practice blower and blower	824
224061	4/24	TRAIN STA WASH	300 Fran Ditto	842
224062	4/24	Grt Lakes Wash	Grt Lakes Ditto	854
212354	4/24	IDATE NY	IXS Trans set	563-6
222116	4/25	Ill Nat Mil Ports	Ill Nat Mil Pioneer signal set.	711-1
224658	4/25	NY	Base Trans set	212-5
224056	4/25	NY	Trans set	569-6
224152	4/25	SMITH West NY	Post Wave changer with loading coils	422-6
224014	4/25	WELLY Wash	WELLY Receiving set	422-6
210651	4/25	IDATE	IXS	422-6
224582	4/25	Aero Sta NY	Aero Sta Aeroplane radio set	918

RADIO CHANGES.

Number.	Date.	From or To—		Subject.		
224601	4/25	Disposition	NY	Bost	Trans set	876
224602	4/25	Ditto	NY	Norfolk	Ditto	876
224603	4/25	Ditto	NY	Phila.	Ditto	876
222984	4/26	CHICAGO	NY	Phila	Transmitting set	167-6
224694	4/27	PRINZ WILHELM	Wash	Phila	Apparatus	771
"	"	"	NY	"	Transmitting set	"
205391	4/27	CHICAGO	NY	CHICAGO	Transmitting set	918
222984	4/27	Disposition	Phila	NY	Trans set ex-CHICAGO	167-6
203056	4/27	Disposition	Ports	Phila	Radio compass	389-6
225065	4/27	VESUVIUS	NY	Newport	Trans set	458-6
224247	4/27	O-12	Wash	NY	Receiving set	542-6
224247	4/27	Disposition	Mc DONALD	Wash	Receiving set	542-6
225226	4/28	BALTIMORE	Wash	BALTIMORE	Port field set	126-6
225229	4/28	DOLPHIN	Wash	DOLPHIN	Ditto	189-6
225228	4/28	VICKSBURG	Wash	VICKSBURG	Ditto	459-6
225085	4/28	CHARLESTON	Wash	CHASN	Oxide filament bulbs	153-6
225015	4/28	Disposition	Phila	NY	Trans set	289-6
225015	4/28	MINNEAPOLIS	NY	Phila	Trans set	289-6
225227	4/28	PANTHER	Wash	PANTHER	Port field set	332-6
225314	4/30	Fire Island	NY	Fire Island	Trans set	812
218053	4/30	Disposition	Darien	Wash	Ticker detector	851
206701	4/30	Disp	NY	Wash	Arc receiver	876
225199	5/1	WYOMING	Wash	WYOMING	Arc relay key	488-6
225629	5/1	MELVILLE	Wash	MELVILLE	Oxide filament bulbs	510-6
225629	5/1	MELVILLE	Wash NY	MELVILLE	punched spark caps	510-6

RADIO EQUIPMENT REQUESTS

Number.	Date.	From or To—		Subject.		
220084	4/4	Tuckerton	Wash	Tuckerton	Ultraudion	891
220702	4/4	NY	NY	Laboratory	Ultraudion and rec set.	915-1
218851	4/5	H-1	Wash	H-1	Audion detector	420-6
219846	4/5	G-1	Wash	G-1	Ditto	393-6
219844	4/5	D-3	Wash	D-3	Ditto	385-6
2205264	4/5	Disposition	Pug. Sd	M. Is.	Trans set	314-6
219843	4/5	D-1	Wash	D-1	Audion detector	305-6
219845	4/5	D-2	Wash	D-2	Ditto	221-6
220024	4/5	Disposition	Phila	Wash	Radio receiver	290-6
220548	4/6	Sayville	Wash	Sayville	Receiving set	855
210085	4/6	NO DAKOTA	Wash	NO DAKOTA	Port field radio set	321-6
221224	4/6	VIXEN	Wash	Phila	Radio set.	466-6
206701	4/7	Disposition	WASH DC	Wash	Receiver	876
21848	4/7	K-Boats	Wash	Boats	Audion detector	505-6
219847	4/7	K-Boats	Wash	Boats	Ditto.	421-6
218850	4/7	F-3	Wash	F-3	Ditto	350-6
216512	4/9	Disposition	Post	Wash	Wave meters.	643
218917	4/9	Disposition	COMM	Wash	Wave meters	169-6
218917	4/9	Disposition	COMM	NY	Spark gap	169-6
220913	4/9	FREDERICK	NY	M. Is.	Wave meter	280-6
221276	4/10	NEBRASKA	Wash	NEBRASKA	Apparatus.	308-6
219849	4/7	F-2	Wash	F-2	Audion detector	126-6
221471	4/11	Tuckerton	Wash	Tuckerton	Receiving set	891
221543	4/9	Disposition	Aero Sta	Wash	likker detector	898

Number.	Date.	From or To—	Subject.	
21 849	4/7	F-2 Wash	F-2 Audion detector	128-6
221418	4/11	G-1 Wash	G-1 Radio set	393-6
221928	4/11	Disposition MINN	Wash Audion amplifier	290-6
221928	4/11	Disposition CONN	Wash Ditto	169-6
221310	4/11	ALBANY Wash	ALBANY Receiving set	108-6
214664	4/12	Dry Tortugas Wash	Key West Receiving Set.	817
222280	4/12	Disposition VIRGINIA	Wash Pierce wave meter.	893-4
222281	4/12	Disposition SAN DIEGO	M. Is. Receivers	898
222121	4/14	Dry Tortugas Wash	Key West Trans and rec set.	817
217185	4/14	Examination MINN	NY Insulators	911
221887	4/14	ST. LOUIS M. Is.	ST. LOUIS Ultrasonic detector.	717-6
220864	4/14	MISS Wash	NN Receiving sets	562-5
220884	4/14	MISS NY	NN Transmitting set	562-6
222720	4/16	PUEBLO NY	Wash 3d Wave encoder & Loading coil	106-6
222720	4/16	PUEBLO Wash	PUEBLO Wave meter	166-6
217259	4/17	Disposition SEATTLE	Wash Pierce Wave meter	474-6
222582	4/17	WYOMING Wash	WYOMING Ultrasonic and wire	488-6
222214	4/18	Site 1 Frederick NY	Phila Trans and receiving sets.	771
223315	4/18	Ligonfels NY	Chasn Trans set.	771
222885	4/18	PERKINS Phila	PERKINS Rotary gap	346-6
223313	4/18	Destroyers NY	Bost Quenchal sparkgaps.	150-6
209224	4/17	Phila Wash	Phila Variable condensers	802-1
222646	4/19	Guam M. Is.	Guam Antenna Wire	813
21471	4/19	Frederick Wash	Frederick Receiving set	891
21471	4/19	Patrol Vessels All Flt	Norfolk Antennas	1-2-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR From or To—	FROM	TO	Subject.	
208096	3/22	Darien	Wash	NY	Transmitting choke coils	851
218892	3/22	ARIZONA	Wash	NY	Storage battery and tele head set	529-6
219054	3/23	JACON	Wash	JACON	Ultraudion detector, etc.	521-6
219057	3/23	VULCAN	Wash	VULCAN	Ditto	467-6
219050	3/23	NERO	Wash	NERO	Ditto	310-6
219051	3/23	NANTHAN	Wash	NANTHAN	Ditto	303-6
219049	3/23	MARS	Wash	MARS	Ditto	279-6
219055	3/23	NEREUS	Wash	NEREUS	Ditto	165-6
219056	3/23	PROTEUS	Wash	PROTEUS	Ditto	164-6
219048	3/23	BRUTUS	Wash	BRUTUS	Ditto	143-6
219053	3/23	AJAX	Wash	AJAX	Ditto	106-6
219052	3/23	ADAMANDA	Wash	ADAMANDA	Ditto	100-6
218911	3/23	PERKINS	NY	PERKINS	Wave changer & loading coils	346-6
218910	3/23	ROE	NY	Chasn	Ditto	381-6
218909	3/23	HENLEY	NY	HENLEY	Ditto	442-6
218913	3/23	DOWNES	NY	Phila	Ditto	445-6
218912	3/23	WALTON	NY	Chasn	Ditto	471-6
219418	3/24	GUAM	M. Is.	Guam	Radio repair material	813
219243	3/24	HUNTINGTON	Wash	HUNTINGTON	Long range rec set	477-6
219242	3/24	SO DAKOTA	Wash	SO DAKOTA	Ditto	408-6
219241	3/24	PITTSBURGH	Wash	PITTSBURGH	Ditto	342-6
219240	3/24	SARATOGA	Wash	SARATOGA	Ditto	315-6
218347	3/24	FREDERICK	Wash	FREDERICK	Ditto	280-6
219244	3/24	PUEBLO	Wash	PUEBLO	Ditto	166-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
213985	3/26	Danish We Ind	Wash	NY	Indies	Various radio material	899
73	3/27	Wash		NY	Wash	Fixed condenser wave meter	706
218937	3/27	Chelsea		Wash	Bost	Apparatus	843
219637	3/28	PUEBLO		M. Ia	Pug Sa	20 ^{kw} Arc radio set.	166-6
219462	3/24	Disposition		Ex-DOWRIES	NY	Wave changer.	445-5
212494	3/29	Ships		NY	Yards	Distributing switches.	900
219815	3/29	CHARLESTON		Pug Sa	CHASIN	Battery charging panel	153-6
219734	3/29	SAN DIEGO		Wash	SAN DIEGO	Ultraudion detector.	147-6
220255	3/30	Chasn		NY	Chasn	Wave changer & loading coils	807
220124	3/30	Wash		NY	Wash	Radio arc set	840
213985	3/30	D.W. Indies		Wash	D.W. Indies	Wave meter.	899
219903	3/30	TEXAS		Wash	TEXAS	Resistance rod	132-6
220254	3/30	PEORIA		NY	Key West	Panel set	345-5
220254	3/30	PEORIA		Kew West	NY	Marconi trans set.	345-6
220256	3/30	OSCEOLA		NY	OSCEOLA	Radio arc set	327-6
220 14	3/31	THORNTON DE LONG DAHLGREN		Wash	Chasn	Receiving sets.	435-6
220414	3/31	THORNTON		NY	Chasn	Trans set	435-6
220415	3/31	TINGEY		NY	Norf	Trans set	437-6
220415	3/31	TINGEY		Wash	Norf	Portable receiving set	437-6
220413	3/31	DE LONG DAHLGREN		NY	Chasn	1/2 K.W. trans sets.	183-6
220412	3/31	HAGLEY SHUBRICK		Wash	NY	Port receiving sets.	123-6
206701	4/2	Disposition		UTAH	Wash	Ultraudion	876
220255	4/2	CHARLESTON		M. Ia.	CHARLESTON	Receiving set.	153-6
220725	4/3	NY Laboratory		Wash	NY	Kolster decremeters	916-1

RADIO SHIPMENT REQUESTS.

Number.	Date.	For	From or To—	From	To	Subject.	
206701	3/1	Ships	Wash	Ships	De Forest long range rec set	876	
214507	3/1	THOUGHTFUL	Wash	NY	Radio receiving set.	217-5	
215893	3/1	OLARK	Wash	OLARK	Radio receiving set	328-6	
215693	3/1	BUSHNELL	Wash	BUSHNELL	Radio receiving set.	328-6	
215884	3/1	SHAW	Wash	M.Is.	Pierce wave meter.	572-6	
206701	3/2	Ships	Wash	Ships	Radio apparatus.	876	
215796	3/2	NO DAKOTA	Wash	NO DAKOTA	Radio detector.	321-6	
214807	3/3	Carliva	Wash	M.Is.	Long-range wave meter	809	
215570	3/3	Aero Sta	M.Is.	Aero Sta	Short range trans sets	916-8	
215570	3/3	Aero Sta	Wash	Aero Sta	Fan drive generators	916-8	
200795	3/5	MINNESOTA	Wash	MINNESOTA	Port field radio set.	290-6	
206164	3/7	Chasen	Wash	Chasen	Short wave receiver.	607	
216414	3/7	Darien	Wash	Darien	Radio receiving set	651	
216437	3/7	M.Is.	Wash	M.Is.	Long & Short wave receivers and detector.	860	
215616	3/7	Overhaul	OKLAHOMA	NY	Unmanned gap.	522-5	
216700	3/8	Disposition	WASH	Wash	Receiving set	832	
200124	3/8	Treat L. Lee	Wash	Front L. Lee	Short range receiving set	854	
215380	3/7	Managua	Wash	Managua	Ultraudion detector	859	
214372	3/8	Disposition	CHICAGO	M.Is.	Radio trans set	122-6	
214886	3/9	Disposition	VERMONT	Wash	Receiving set	457-6	
201842	3/9	Cancellation of shipmt reqt 10/12					477-6
217404	3/10	BENHAM	Wash	BENHAM	Ultraudion detector	519-6	
217399	3/10	WARRINGTON	NY	WARRINGTON	Ultraudion detector	473-6	
217394	3/10	WALKE	Wash	WALKE	Ditto	471-6	

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
217402	3/10	TRIPPE	Chasn	TRIPPE	ultraudion detector		448-6
217395	3/10	HENLEY	Wash	HENLEY	Ditto		442-6
217403	3/10	PAULDING	Wash	PAULDING	Audion detector		337-6
217396	3/10	PATTERSON	Wash	PATTERSON	Ultraudion detector		335-6
217403	3/10	JENKINS	Chasn	JENKINS	Ditto & amplifier		252-6
217401	3/10	JOUETT	Bost	JOUETT	Ultraudion detector		254-6
217400	3/10	BURROWS	Norf	BURROWS	Ditto		145-6
217410	3/13	O'BRIEN	Wash	O'BRIEN	A dion detector		539-6
217406	3/13	PARKER	Wash	PARKER	Ditto		518-6
217408	3/13	DUNCAN	Wash	DUNCAN	Ditto		516-6
217409	3/13	McCALL	Wash	McCALL	Ditto		269-6
217413	3/13	JARVIS	Wash	JARVIS	Ditto		250-6
217412	3/13	FANNING	Wash	FANNING	Ditto		203-6
215995	3/15	PISCATAWAY	Wash	Guam	Receiving set		352-6
215995	3/15	"	NY	Guam	Trans set		352-6
218048	3/15	CONSTITUTION	Newport	Wash	Receiving set		170-6
21428	3/15	Great Lakes	Bost	Great Lakes	Remote control switchboard		845
201225	3/17	Pac Supt	Wash	San Fran	Radio blank forms.		609
215971	3/17	M. Is.	Bost	M. Is.	Mica condensers		882-1
218510	3/19	Pearl Harbor	San Diego	Pearl Harbor	Insulators		852
199698	3/19	NY	M. Is.	NY	Motor gen. trans. etc.		876
218682	3/21	Laboratory	Wash	New OrL	Miscellaneous		875
218908	3/21	SEATTLE	Pensa	SEATTLE	Aero trans sets.		918
218729	3/21	PANTHER	Wash	PANTHER	Radio receiving set		332-6
206701	3/21	Disposition	So CARO	ash	Receiving sets.		876

RADIO ASSISTANT REQUESTS.

Number.	Date.	FOR	From or To--	FROM	TO	Subject.	
209683	2/7	Disposition	Darien	Ny	Locke	Insulators	911
213431	2/7	Disposition	MINNESOTA	Norf	Generator and trans	transformer	290-6
213431	2/7	MINNESOTA	Norf	Phila	Ditto		290-6
213688	2/7	ALLEN	Wash	ALLEN	Radio apparatus		570-6
212987	2/7	Chasn	Wash	Chasn	Wave changer		905
212987	2/7	Disposition	Chasn	Wash	Wave changer.		905
214050	2/8	Laboratory	Wash	Norf	Marconi radio wave meter		915-4
214127	2/9	Coast Guard Head	Wash	Coast Guard	Apparatus.		704
214127	2/9	ALCONQUIN	Bost	Coast Guard	Mica condensers and rack		704
214053	2/9	Disposition	NY	Wash	Wave meter oscilliometer		875
214147	2/9	M.Is.	Bost	M.Is.	Standard mica condensers.		149-5
212897	2/9	OHIO	Wash	Phila	Receiver switch panel		323-6
214157	2/10	LEBANON	Chasn	Norf	Wave changer with loading coils		432-6
214270	2/10	SAMPSON	Wash	SAMPSON	Marconi wave changer		567-6
214065	2/10	ALLEN	Wash	ALLEN	Oxide filament bulbs.		570-6
213985	2/12	Danish W. Indies	NY	D.W.I.	Radio trans set		899
213985	2/12	Ditto	Wash	Ditto	Port receiving set		899
213985	2/12	Ditto	Wash	Ditto	Various		899
210997	2/14	M.Is.	NY	M.Is.	Insulators		545-5
201156	2/14	Aero Sta	Wash	Aero Sta	Radio sets.		918
213008	2/16	Disposition	SAN FRAN	NY	Two 5 K.W. Trans Transformers		904
215732	2/16	REINBERG	M.Is.	Phila	Transmitting set		257-6
214866	2/16	VESTAL	NY	VESTAL	Quenched spark gap		457-6
214866	2/16	VESTAL	Wash	VESTAL	Various		457-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To--	FROM	TO	Subject.	
215076	2/17	New OrL		NY	New OrL	Operating key for 30 W.W. Set.	821
215064	2/19	Chasn		Wash	Chasn	Marconi wave meter	807
214902	2/19	WHEELING		Wash	New OrL	quenched spark gap	478-6
214093	2-21	Arlington		Ports	Arlington	Generator	841
213732	2/21	KEARSAGE		M Is	Bost	2 kw radio transmitting set	257-6
215462	2/23	CALDWELL		Wash	M Is	receiving set	577-6
215463	2/23	CRAVEN		"	Norf	" "	578-6
215565	2/23	GWIN		"	Seattle	" "	579-6
215464	2/23	CONNOR		"	Cramps	" "	580-6
215465	2/23	STOCKTON		"	Cramps	" "	581-6
215466	2/23	MANLEY		"	Bath	" "	582-6
213465	2/24	Port Royal		NY	Marine Barracks	radio transmitting set	848
207780	2/26	CRAVEN		Wash	Norf	Cancellation of one short wave receiving set	578-6
207784	2/26	GWIN		"	Seattle	ditto	579-6
207778	2/26	CONNOR		"	Cramps	ditto	580-6
207779	2/26	STOCKTON		"	"	ditto	581-6
207781	2/26	MANLEY		"	Bath	ditto	582-6
207783	2-26	CALDWELL		Cancellation		Shortwave set	577-6
215974	2/26	Disposition		NY	Olongapo	4 Trans sets.	826
215973	2/26	Dispotion		Managua	M.Is.	Port radio set (field)	858
215977	2/27	Assembly		Chila	M.Is.	Rotary spark gaps	876
216264	3/1	Cavite		Wash	Cavite	Radio blank forms	609
	3/1	Balboa		NY	Darien	quenched spark gap.	850

RADIO SHIPMENT REQUESTS

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
207995	1/5	COLUMBIA		NY	COLUMBIA	Switches for radio	167-6
210675	1/5	Pt. Arguello		Wash	M. Is.	Arc radio sets	829
210553	1/8	Disposition		Darien	Wash	Receiver	808
210766	1/8	Disposition		NY	Wash	Amplifier	851
210329	1/8	TONOPAH		Norfolk	NY	Wave changer loading coil	438-6
210969	1/9	Alaskan Radio Expedition		Phila	M. Is.	Frequency meter	845
203701	1/10	Overhaul		Ports	Wash	Wave meter	876
209560	1/11	Disposition		WYOMING	Wash	Receiver	488-6
211301	1-12	BIRMINGHAM		Ports	NY	Tester meter	138-6
211303	1/12	NEW Orl		Wash	New Orl	Audibility meter	821
211350	1/13	Pug Sd		M. Is.	Pug Sd	30 K.W. Arc radio set	833
211349	1/13	Pt Isabel		NY	Pt Isabel	30 K.W. Arc radio set	353
206701	1/15	Radio Sta		Wash	Ports	Wave meter	876
208963	1/15	UTAH		NEW JERSEY	UTAH	Portable set	313-6
208993	1/15	Disposition		OLYMPIA	Wash	Wave meter	431-6
209011	1/16	Disposition		ILLINOIS Rec'd from NEBR.	Wash	Marconi Receiver	238-6
208517	1/16	ARIZONA		KANSAS	ARIZONA	Field radio set	529-6
211036	1/17	Stock		Bost	NY	Locke Insulators	843
209244	1/18	4 stations		Wash	M. Is.	Receiving sets	845
211859	1/18	Dr. L.W. Austin		Wash	San Diego	3 cases of radio measurement apparatus.	830
207510	1/18	HANNIBAL		Wash	HANNIBAL	Marconi Receiver	225-6
209250	1/19	Disposition		MAIN	Wash	Telefunken wave meter	274-6

RADIO SHIPMENT REQUESTS

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
209530	1/19	Disposition	MISSOURI	Wash	2 wave meters.		292-6
212274	1/23	PENNA	NY	PENNA	4 Oscillation Bulbs		898
211822	1/23	CELTIC	Wash	CELTIC	Detector stand.		152-6
212273	1/23	WANDO	NY	Chasn	Radio trans set.		584-6
200090	1/25	Ports Sta	Bost	Ports	Antenna Switch		832
209364	1/25	Disposition	Phila	Norff	Motor generators and trans.		169-6
212232	1/25	SALEM	Norff	Phila	Radio motor generator and transmitter transformer		384-6
196816	1/25	Disposition	Chasn	NY	Transmitting set		432-6
211453	1/25	TERRY	NY	Chasn	Transmitting set		432-6
211349	1/26	Pt Isabel	M. Is.	Pt Isabel	Arc radio set		853
212530	1/26	Stock	NY	M. Is.	Insulators		911
208564	1/26	REID	Bost	Chasn	Mic condensers		371-6
210669	1/27	QWIN	NY	Newport	Transmitting sets.		223-6
212567	1/29	Radio, Va	Wash	NY	Porcelain insulators		841
212619	1/29	SEATTLE	Wash	SEATTLE	Ultra dion bulbs		474-6
212726	1/30	Repairs	Pensa	NY	Hot wire ammeter		827
212746	1/30	Repairs	Bost	Wash	Baldwin type tele head set		843
213120	2/1	Darien	M. Is.	Darien	Asbestos tube pieces		851
212151	2/1	Disposition	COLUMBIA	Wash	Radio apparatus.		167-6
212151	2/1	Disposition	COLUMBIA	NY	Lowenstein Quenched Gap		167-6
212642	2/1	WISCONSIN	Wash	Phila	Receiver switch panel		484-6
212906	2/3	Disposition	Pensa	NY	Apparatus		827
213201	2/3	JUPITER	Bost	JUPITER	Hand a d relay key		251-6
212178	2/6	Guantanamo	NY	Guantanamo	Cooling circulating set for arc set.		814

RADIO SHIPMENT REQUESTS

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
208966	12/21	L-9-10-11	Wash	Ships	Radio Apparatus.	528-6	
208965	12/21	L-1 to L-4	Wash	Ships	Ditto	514-6	
209018	12/22	Norfolk	Wash	Norfolk	Ultraudion	824	
209017	12/22	Disposition	Wash	4 ships	3-stage audion amplifier	898	
209545	12/26	Disposition	ILLINOIS	Wash	Marconi Receiving Set.	898	
209011	12/26	Rest shipmt reqt 12/19 radio receiver from ILLINOIS to Wash be cancelled					238-6
209250	12/26	MAINE	Wash	MAINE	Ultraudion and wave meter	274-6	
187556	12/26	NO CAROLINA		Ports	Arc radio set.	156-6	
209530	12/26	MISSOURI	Wash	MISSOURI	Portable wave meter	292-6	
208969	12/26	M-1	Wash	Bost	Audion control box.	546-6	
208971	12/26	M-4-7	Wash	NY	Audion control box.	367-6	
208970	12/26	M-1-4	Wash	Pug 51	Audion control box.	547-6	
209531	12/26	MISSOURI	Wash	MISSOURI	Portable wave meter.	484-6	
201845	12/26	CHESTER	NY	Bost	Arc radio set formerly reused for MONTANA	299-6	
208972	12/27	SCHLEY	NY	Bost	Radio transmitting set	586-6	
208972	12/27	SCHLEY	Wash	Bost	Wave meter and audion control box	586-6	
207164	12/27	Disposition	Ports	NY	Quenched spark gap	329-6	
207164	12/27	Disposition	Ex 12/27/28 SOUTH H	Norfolk	Transformers	329-6	
209540	12/27	NEWARK	NY	Norfolk	Transfer switch	123-6	
209364	12/28	CONNEL	Norfolk	Phila	Motor generator and transmitter transformer	169-6	
199053	12/28	SUPPLY	N. Is.	SUPPLY	Port radio wave motor	422-6	
208973	12/29	O-11-12	Wash	NY	Port receiving sets and audion control boxes.	590-6	

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
208979	12/29	O-2		Wash	Pug Sd	Receiving set; audion control box	589-6
208978	12/29	O-1		Wash	Ports	Port receiving set and audion control box	588-6
208976	12/29	O-5		Wash	Bost	Audion control box	574-6
208977	12/29	O-4		NY	Bost	Transmitting set	574-6
208977	12/29	Ditto for O-3					
208977	12/29	O-3-4		Wash	Bost	Port receiving set.	574-6
200089	12/29	ROMAN		NY	Bost	Transmitting set	568-6
208974	12/29	E-1		Wash	NY	Receiving set	401-6
209653	12/29	SATURN		Wash	SATURN	Receiving set.	391-6
210043	12/30	San Diego		Phila	M. Is.	Wave meter.	830
208978	12/30	O-1		NY	Ports	Transmitting Set	588-6
208977	12/30	O-Boats		NY	Bost	Transmitting sets	574-6
208977	12/30	O-Boats		Wash	O-Boats	Rec set an' audion control boxes	574-6
209818	12/30	Disposition		PITTSBURGH	Wash	Receiving set.	342-6
208980	1/2	O-13		Wash	NY	Receiving set and audion control box	590-6
199401	1/2	Phila		Wash	Phila in lieu M. Is.	Wave meter	893-4
210061	1/3	OLYMPIA		Wash	OLYMPIA	Audion bulbs	824-6
210146	1/3	PEDOMAC		NY	Guantanamo	Transmitting set	358-6
208981	1/3	OClass		Wash NY	M. Is. (6)	Radio apparatus.	591-6
210350	1/4	Darien		M. Is.	Darien	Asbestos tube pieces	851
210404	1/4	Aero Sta		Phila	Aero Sta	Kolster meter	919
210350	1/5	Darien		Wash	Darien	Ebony asbestos bushings	851

RADIO SHIPMENT REQUESTS

Number.	Date.	From or To		Subject.			
		FOR	FROM	TO			
208151	12/12	ROWAN	Wash	ROWAN	Ultraudion detector and amplifier		568-5
208157	12/12	DAVIS	Wash	DAVIS	" " " "		569-6
208159	12/12	ALLEN	Wash	Bost	" " " "		570-6
208156	12/12	WILKES	Wash	Phila	" " " "		571-6
208158	12/12	SHAW	Wash	M. Is.	" " " "		572-6
208225	12/13	SHIPS	Wash	SHIPS	Radio receiver transfer pan.		898
208826	12/13	Wash	Fire Is	Wash	Audion amplifier		898
208194	12/13	New Orleans	Wash	New OrL	Portable radio receiver		918
207995	12/13	COLUMBIA	Wash	COLUMBIA	Kolster decemeter		167-6
207995	12/13	COLUMBIA	Phil.	COLUMBIA	Radio receiving set.		167-6
208426	12/13	MAYRANT	NY	Phila	Waver changer		284-6
208424	12/13	WHEELING	Wash	WHEELING	Receiving set.		478-6
208425	12/13	MELVILLE	Wash	MELVILLE	Telefunken rec set		510-6
208422	12/13	MONTANA	NY	Porta	Marconi wave changer		299-6
208500	12/14	ARETHUSA	Wash	ARETHUSA	Ultraudion detector and amplifier		120-6
208503	12/14	JUPITER	Wash	JUPITER	Ditto		251-6
208501	12/14	ORION	Wash	ORION	Ditto		163-6
205807	12/14	M. Is.	CHEYENNE	M. Is.	Radio receiving set.		157-6
208502	12/14	CYCLOPS	Wash	CYCLOPS	Ultraudion detector and amplifier		176-6
208303	12/15	Bath I W	Bost	Bath	Radio trans set and rec set		570-2
206274	12/15	ERICSSON	Phila	NY	Antenna		544-6
208506	12/15	VIRGINIA	Wash	VIRGINIA	Pierce Wave meter,		465-6

RADIO SHIPMENT REQUEST

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
208504	12/15	SOLACE		Wash	SOLACE	Ultraudion and amplifier	404-6
208505	12/15	NO DAKOTA		Wash	NO DAKOTA	" "	321-6
208742	12/15	COLUMBIA		Phila	COLUMBIA	Kolster meter	167-6
206352	12/15	SEATTLE		Wash	Ports	Arc radio sets.	918
201846	12/16	Reqt ship order of 10/12 be cancelled, and arc radio set salvaged from SEATTLE be ~~ship~~ overhauled for installation on NO DAKOTA					320-5
207325	12/16	Repair		Phila	Wash	Radio apparatus	431-8
207325	12/16	Repair		Phila	Wash	Radio trans set Marconi	431-8
208964	12/18	Stock		Bost	Wash	1912 type radio receiver	156-5
208963	12/18	Disposition		Bost	Wash	Radio apparatus.	312-6
208913	12/19	Guantanamo		Wash	Guantanamo	Ultraudion	814
208167	12/19	Pearl Harbor		Bost	M. Is.	Radio apparatus	852
208167	12/19	Pearl Harbor		M. Is.	Pearl Harbor	5 K.W. Radio trans set.	852
209011	12/19	Wash		ILLINOIS	Wash	Radio receiver	238-6
209012	12/20	Colon		Wash	To Darwin	ultraudion	808
209017	12/20	Disposition		4 Stations	Wash	3-stage audion amplifier.	898
209013	12/20	Remodel		WYOMING	Wash	Ditto	488-6
209015	12/20	Remodel		MIAMI	Wash	Ditto	290-5
209016	12/20	Remodel		SAN DIEGO	Wash	Ditto	147-6
209014	12/20	Remodel		NEW YORK	Wash	Ditto	131-6
209131	12/21	Disposition		New OrL	NY	Wave changer	821
209017	12/21	Remodel		3 Stations	Wash	3-stage audion amplifier	898
208613	12/21	SEATTLE		Phila	SEATTLE	Rotary spark gap	174-6
208967	12/21	L-8		Wash	Ports	Radio apparatus	585-6
208968	12/21	L-5-6-7		Wash	M. Is.	Ditto	545-6

RADIO SHIPMENTS REQUESTS.

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Number.	Date.	FOR From or To--	FROM	TO	Subject.	ARTICLE	
200665	11/21	Pug Sd	VICKSBURG	Pug Sd	Ultraudion		459-6
199053	11/22	LEBANON	Wash	LEBANON	Wave meter.		263-6
206106	11/22	MACDONOUGH	Wash	MACDONOUGH	Receiving set.		271-6
199401	11/24	Reqt shipt reqt of 9/16 be cancelled.					893-4
206375	11/24	OLYMPIA	Norfolk	OLYMPIA	Radio transformers		324-6
205215	11/25	Nav Acad	Wash	Nav Acad	1 KW Fessenden Radio set at Radio, Va.		707-1
206525	11/25	DELAWARE	Wash	DELAWARE	Receiving set.		182-6
206524	11/25	WANDO	Wash	Chasn	Port Rec Set.		584-6
206524	11/25	WANDO	NY	Chasn	Transmitting set.		584-6
206152	11/28	Mayor	Wash	Charlotte	Portable radio set		772
205220	11/28	Portland	Wash	Portland	Receiving set.		803
206759	11/28	NEW HAMPSHIRE	Norfolk	Chasn	Port radio set		697-1
206851	12/1	Wash	E-1	Wash	Receiver		401-6
206885	12/4	PENNA	Wash	PENNA	Ultraudion detector		130-6
206868	12/5	Cordova	NY	M. Is.	Insulators		809
207199	12/5	Pug Sd	NY	Pug Sd	Insulators		833
207201	12/5	CASTINE	Wash	New Orleans	Telefunken Rec Set		150-6
194370	12/6	OLYMPIA	NY	Chasn	Transformer.		324-6
206577	12/7	DIXIE	Norfolk	Phila	Motor Generator		188-6
207782	12/9	Radio Sta	Great Lakes	Guantanamo	Loading coils.		814
207778	12/9	CONNER	NY	Cramps	5 K.W. Radio set		580-6
207779	12/9	STOCKTON	NY	Cramps	Trans set.		581-6
207781	12/9	MANLEY	NY	Bath	Trans set.		582-6

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	
208225	12/11	PENNA		Wash	PENNA	Receiver transfer panel.	898
"	"	CONN		"	CONN	" " "	"
"	"	MICHIGAN		"	MICHIGAN	" " "	"
"	"	SO CAROLINA		"	SO CAROLINA	" " "	"
208148	12/11	TEXAS		Wash	TEXAS	Radio receiving set	132-6
206934	12/11	NEPTUNE		Post	NEPTUNE	Relay key	309-6
208149	12/11	SAN FRANCISCO		Wash	SAN FRANCISCO	Long range rec set	389-6
207783	12/11	CALDWELL		Wash	M. Is.	Various radio apparatus	577-6
207780	12/11	CRAVEN		NY	Norfolk	Radio trans set.	578-6
207780	12/11	CRAVEN		Wash	Norfolk	Various radio apparatus	578-6
207784	12/11	QWIN		Wash	Seattle	Various radio apparatus	579-6
207784	12/11	Gwin		M. Is.	Seattle	Radio trans set.	579-6
207778	12/11	CONNER		Wash	Cramps	Various radio apparatus.	580-6
207779	12/11	STOCKTON		Wash	Cramps	Various radio apparatus	581-6
207781	12/11	MANLEY		Wash	Bath	Various radio apparatus	582-6
208225	12/12	SHIPS		Wash	SHIPS	Rec transfer pannel.	898
208160	12/12	Disposition		BIRMINGHAM	Wash	Wave meter	138-6
208162	12/12	DIXIE		Wash	DIXIE	Wave meter	188-6
208163	12/12	MONTANA		Wash	MONTANA	Wave meter	299-6
208161	12/12	TERRY		Wash	TERRY	Ticker detector	432-6
208145	12/12	DOWNS		Wash	DOWNS	Ultraudion detector	445-6
208155	12/12	FULTON		Wash	FULTON	Ultraudion detector	498-6
208164	12/12	FULTON		Wash	FULTON	Pierce wave meter	498-6
208152	12/12	AYLWIN		Wash	AYLWIN	Ultraudion detedcor	517-6
208150	12/12	SAMPSON		Wash	SAMPSON	Ultraudion Detector	567-6

RADIO SHIPMENT REQUESTS.

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Number.	Date.	FOR	From or To—	FROM	TO	Subject.	ARTICLE	
202775	10/30	TEXAS		Phila	TEXAS		Rotary gap	132-6
203691	10/30	SAN DIEGO		Wash	SAN DIEGO		Transmitting set.	147-6
203580	10/30	WASHINGTON		Phila	Ports		Detector protective relay for radio sets.	474-6
203580	10/30	WASHINGTON		NY	Ports		Various	474-6
203690	10/30	WYOMING		Wash	WYOMING		Transmitting set.	488-5
188046	10/30	CUSHING		Boat	Norf		12 Mica Condensers	496
188046	10/30	McCALL		Boat	Phila		6 Mica condensers	496
204548	11/9	Disposition		Ports	Wash		Wave meter.	832
204000	11/9	NEW YORK		Wash	NEW YORK		Short range receiver	131-6
204240	11/9	NEPTUNE		Wash	NEPTUNE		Ultraudion rec.	309-6
199586	11/9	Test Barge		NY	Boat		Panel radio trans set	501
199586	11/9	Test barge		Wash	Boat		Portable radio rec set	501
204921	11/9	MONOCACY		M.Is.	MONOCACY		Ultraudion detector.	523-6
204922	11/9	PALOS		M.Is.	PALOS		Ditto	526-6
199320	11/10	Radio Labora		Wash	Boat		Radio motor gen.	916-3
204947	11/10	TEXAS		Norf	TEXAS		Marconi trans.	132-6
205027	11/10	M.Is.		Wash	M.Is.		Audion Gener bulbs	896
205191	11/11	Pearl Harbor		Wash	Pearl Harbor		Radio apparatus	852
204953	11/11	DELAWARE		DELAWARE	Wash		Repair wave mater.	182-6
205271	11/11	SMITH		Wash	SMITH		Ultraudion detector.	402-6
205233	11/11	MCDUGAL		Wash	MCDUGAL		Receiving set.	542-6
205381	11/13	PORT. Me.		Wash	Port Me.		Ultraudion detector	808
205382	11/13	Farrallon		M.Is.	Farrallon		Ultraudion detector	811

RADIO SHIPMENT REQUESTS.

Number.	Date.	From or To—		Subject.		
204419	11/13	FOR Fire Is.	FROM Wash	TO Fire Is.	ARTICLE Ultraudion Detector	812
205358	11/13	Disposition	Phila	Wash	Radio receivers.	898
205391	11/13	CONN	NY	CONN	Transmitting set.	918
203306	11/13	NERO	M. Is.	NERO	Receiving set.	310-6
205150	11/13	MAUMEE	Wash	MAUMEE	Rec transfer switch	556-6
205515	11/14	Portland Me	Phila	Portland	Kolster meter	803
205514	11/14	Pt Arguello	Phila	M. Is.	Kolster meter.	829
205398	11/14	Disposition	NY	Wash	Receivers	898
205397	11/14	Disposition	NY	Wash	Wavemeters.	905
205391	11/14	Various ships	NY	Various ships	Transmitting sets.	918
193559	11/14	Reqt shipt reqt 8/8 Phila to M. Is. Kolster meter be cancelled. Ditto shipt to Key West.				919
Bu 7	11/14	Holtzer Cabot	WYOMING	Holtzer Cabot	Switchboard signals	
205599	11/15	Tutuila	M. Is.	Tutuila	Shore station antenna	809
205596	11/15	Disposition	Norfolk	Wash	Radio apparatus	898
205574	11/16	Chelsea Sta.	NY	Boat	Mark VII Wave changer	843
	11/17	Tuckerton	Wash	Tuckerton	Blank forms	509
205640	11/17	NEVADA	Wash	NY	Radio trans switch.	133-6
205718	11/17	WASHINGTON	Wash	WASHINGTON	Receiving set.	474-6
197585	11/18	New York	Chasn	New York	Hand and relay keys	807
205773	11/18	Wash	Boat	Wash	Audion Amplifier	843
205773	11/18	Boat	Wash	Boat	Ultraudion detector box	843
TACOMA 73	11/21	TACOMA	Phila	TACOMA	Rotary spark gap	
202581	11/21	NY	Phila	NY	15 K.W. Arc radio set salvaged from MEMPHIS	431-6

RADIO SHIPMENT REQUEST.

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Number.	Date.	FOR	From or To--	FROM	TO	Subject.	ARTICLE	
201009	10/4	Pearl Harbor	Wash	Pearl Harbor	Various radio Mat'l			852
200675	10/5	Pt. Arguello	Wash	M. Is.	Ultra detector.			829
200718	10/5	Phila	Wash	Phila	Wave meter.			893-4
201203	10/6	Radio Labor.	Wash	Boston	Marconi Wavemeter.			916-5
201203	10/6	Radio Labor.	Wash	Boston.	Radio trans set.			916-3
201190	10/6	Cavite	Wash.	Cavite.	Ultraudion bulbs.			898
201414	10/7	Wash	Phila	Wash	Ultraudion bulbs.			898
201422	10/9	Balboa	Wash	Balboa	Audion detector.			850
201673	10/10	SAN FRANCISCO	Wash	SAN FRANCISCO	Audibility meter.			893-5
201673	10/11	Pac & Asiatic Radio Sta.	Wash	Pac & Asiatic Radio Sta	Audibility meter.			893-5
201844	10/12	COLUMBIA	NY	Phila	Radio set.			167-6
201845	10/12	MONTANA	NY	Ports	Arc Radio set.			299-6
201846	10/12	NC CAROLINA	NY	Ports	Arc radio set.			320-6
201842	10/12	W. VIRGINIA	M. Is.	Eug. Sd.	Arc radio set.			477-6
202211	10/13	Key West	NY	Key West	5 KV Trans set.			898
201843	10/14	SARATOGA	M. Is.	Eug. Sd.	Arc radio set.			316-6
202485	10/16	M. Is.	CHARLESTON	M. Is.	Detector & amplifier.			153-6
202485	10/16	CHARLESTON	Wash	M. Is.	Pierce wave meter.			153-6
202253	10/16	Darien	Wash	Darien	Panel			851
202211	10/17	NY	Key West	NY	Radio trans set.			898
202587	10/17	Wash	Key West	Wash	Audion amplifier			898
202705	10/18	PENNA	Wash	PENNA	Rec. Set and detector			130-6
202536	10/18	Wash	Phila	Wash	Syntonizer, tone tester			312-6

RADIO SHIPMENT REQUESTS

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	ARTICLE	
202536	10/18	NY		Phila	NY	Spark gap		312-6
202395	10/18	NY		Ports	NY	Various radio appa.		832
202263	10/18	Darien		Wash	Darien	Storage batteries.		851
202730	10/18	M. Is.		Wash	M. Is.	Wave meter.		916-2
201201	10/6	NEW HAMPSHIRE		Wash	Phila	Receiving set		312-6
201549	10/9	WADSWORTH		NY	WADSWORTH	5 KW Radio spark gap		551-6
201351	10/9	MAUMEE		Wash	NY	Ultrasonic detector		556-6
201674	10/10	Wash		MELVILLE	Wash	Radio apparatus.		510-6
201483	10/11	NY		FLORIDA	NY	Marconi quenched gap.		205-6
201483	10/11	FLORIDA		Phila	FLORIDA	5 KW Rot. Spark gap		205-6
202707	10/19	ALBANY		NY	Pug. Sd.	Transmitting set.		108-6
202709	10/19	CINCINNATI		NY	M. Is.	Transmitting set.		161-6
202710	10/19	GALVESTON		NY	Pug. Sd.	Transmitting set.		212-6
202708	10/19	NEW ORLEANS		NY	Pug. Sd.	Transmitting Set.		314-6
202711	10/19	Guam		M. Is.	Guam	Arc radio set.		813
202731	10/19	BIRMINGHAM		Phila	Boat	Kolster meter.		919
203056	10/21	SAN FRANCISCO		NY	Ports	Arc radio set.		389-6
203055	10/21	VESTAL		NY	Boston	Wave changer		457-6
201225	10/21	Distribution		Wash	Frisco	Blank forms		609
202670	10/21	M. Is.		NY	M. Is.	Reactances.		876
202708	10/25	NEW ORLEANS		NY	Olongapo	Transmitting set		314-6
202710	10/25	GALVESTON		NY (Cancelled)	Olongapo	Transmitting set.		212-6
202709	10/27	CINCINNATI		NY	Olongapo	Transmitting set.		161-6
203689	10/30	PENNA		Wash	To PENNA	Transmitting set.		130-6

RADIO SHIPMENT REQUEST

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	Article	
196775	8-19	ELCANO	Wash		Ship		Receiver	198-6
196143	8-21	NY	Norf		NY		R adio app	876
8-23								
194370	8-23	OLYMPIA	NY		Chasn		Radio app	324-6
195640	8-24	MINNEAPOLIS	NY		Phila		radio set	289-6
197540	8/26	MINNEAPOLIS	Wash		Phila		receiving set	289-6
197541	8-30	POTOMAC.	Wash.		POTOMAC.		Receiver.	358-6
196812	8/31	TERRY	NY		Chasn		transmitting set	432-6
196816	8/31	TERRY	W ash		Chasn		receiving set	432-6
196816	8/31	TERRY	Chasn		NY		Marconi transmitting set	432-6
196816	8/31	TERRY	Chasn		Wash		receiving set	432-6
197542	8/31	WILMINGTON	NY		Alongapo		transmitting set	482-6
190875	8-31	San Diego.	Wash.		San Diego.		Transmitter.	835
198059	9-1	ALBEN.	Wash.		ALBEN.		Receiving set.	115-6
197585	9-1	Chas.	NY.		Chas.		Relay keys.	807
198226	9-2	Phila.	Wash.		Phila.		Condensers for use Koster meters.	919
192543	9-5	Pt. Isabel.	New OrL.		Pt. Isabel.		Union gas engine.	853
198229	9-7	New OrL.	NY.		New OrL.		Confidential locker.	821

RADIO SHIPMENT REQUESTS.

Number.	Date.	FOR	From or To—	FROM	TO	Subject.	ARTICLE.
198230	9-7	Pensacola.		NY.	Pensacola.	Confidential locker.	827
198955	9-12	DAVIS		NY.	Bost.	1/2 K.W. set.	569-6
198132	9-13	ARKANSAS.		Wash.	ARKANSAS/	Wave receiver.	121-6
198954	9-14	Yards.		Wash.	Yards.	Loading coils.	898
~~195753~~	~~9-15~~	~~To Yards-Insp.~~					
199401	9-15 16	Yards.		Wash	Yards.	Wave meters.	893-4
199211	9-16	NY.		Bost.	NY.	Radio apparatus for disposition.	843
199403	9-16	Bost.		Wash.	Chelsea.	Wave changer.	843
199354	9-16	Great Lks.		NY.	Great Lks.	Insulators & clamps.	854
199219	9-19	Wash.		Ports.	Wash.	Detector stands.	474-6
199219	9-20	WASHINGTON		Wash.	WASHINGTON.	Detector stands.	474-6
199426	9-20	ARIZONA.		Wash.	NY.	Switch panel.	529-6
198234	9-20	NY.		Wash.	NY.	Antenna switch.	900
199273	9-23	Wash.		Phila.	Wash.	Receiver.	828
200106	9-26	ILLINOIS.		Wash.	ILLINOIS.	Ultraduon receiver.	236-6
199806	9/27	MILWAUKEE		Wash.	MILWAUKEE	Rec. Set.	287-6
200532	9/30	PENNSYLVANIA		Phila.	PENNSYLVANIA	Kolster meter.	130-6
200529	9/30	Darien		Wash.	Darien	Audion Detec. Amplifier	851
200718	10/3	Wash.		Phila.	Wash.	Long range wavemeter	893-4

RADIO SHIPMENT REQUESTS:

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Number.	Date.	FOR	From or To -	FROM	TO	Subject	ARTICLE.	
195001	8-3	Nav Mil Ships.	Wash.	Nav Mil Ships.	Portable radio sets.	789		
177359	8-4	Tutuila.	M.Is.	Tutuila.	Waste and material.	846		
195337	8-4	N. CAROLINA.	NY.	N. CAROLINA.	Telephones for use in kite balloon use.	736		
195149	8-7	NY.	PADUCAH	NY.	Turbo generator	329-6		
195300	8-9	Bost.	Wash.	Bost.	Arc relay key and coils.	843		
194600	8-9	Tutuila.	M.Is.	Tutuila.	Transmitting set.	846		
193853	8-9	Pug Sd.	Wash.	Pug Sd.	Generating set.	898		
193853	8-9	Guantanamo.	Wash.	Guantanamo.	Anode holder.	898		
195948	8-10	Radio Lab.	Wash.	Pensacola.	Radio material.	916-8		
195949	8-10	" "	Phila.	"	Ammeter & voltmeter.	916-8		
195950	8-10	" "	NY.	"	Bakelite-dielectro.	916-8		
196146	8-11	SOUTH DAKOTA	Wash.	SOUTH DAKOTA	Detector & bulbs.	408-6		
195297	8-11	Cavite.	Wash.	Cavite.	Telephone outfit.	806		
195299	8-11	San Diego.	Wash.	San Diego.	Telephone outfit.	830		
196145	8-11	San Diego.	M.Is.	San Diego.	Antenna.	830		
195298	8-11	Pearl Harbor	Wash.	Pearl Harbor.	Telephone outfit.	852		
196144	8-11	Great Lakes.	Wash.	Great Lakes.	Detector & bulbs.	854		
196143	8-11	NY.	Bost-Phila	NY.	Radio transmitters.	676		

RADIO SHIPMENT REQUESTS:

Number.	Date.	FOR	From or To—	FROM	TO	Subject. ARTICLE.	
196138 39 20 41 42	8-11	Ships.		NY.	Yards.	Wave changers.	905
195058	8-12	Guantanamo.		Wash.	Guantanamo.	Anode holder.	814
196149	8-14	M. Is.		Pug Sd.	M. Is.	Radio material in connection with manuf of radio transmitter.	876
196221	8-14	Arlington.		NY.	Wash.	Wave changer.	841
196147	8-14	Reking.		NY	Peking.	Transmitting set.	857
196535	8-15	Wash. NY Lab.		Wash.	NY.	Condensers.	916-1
196540	8-15	M. Is. Lab.		"	M. Is.	"	916-2
196150	8-15	Bost Lab.		"	Bost.	"	916-3
196539	8-15	Norfolk Lab.		"	Norfolk.	"	916-4
196538	8-15	Phila Lab.		"	Phila.	"	916-5
196536	8-15	Pug Sd Lab.		"	Pug Sd.	"	916-6
196537	8-15	Chas Lab.		"	Chas.	"	916-7
195951	8-16	Pearl Harbor.		M. Is.	Pearl Harbor.	Conductor wire.	852
184163	8-17	NY.		Fire Is.	NY.	Radio material.	812
196774	8/18	DALE		Wash	Vessel	Marconi receiving set	179-6
196773	8/18	DIXIE		Wash	Vessel	portable radio set	188-6
197079	8-19	New Orleans		NO	NY	Radio app	821
197079	8-19	ditto		NY	New Orleans	transmitting set	821
196776	8-18	Narr Bay		Washn	NARR Bay	detector	822

RADIO SHIPMENT REQUESTS.

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Number.	Date.	FOR	From or To—	FROM	TO	Subject. ARTICLE.	
193454	7-14	MACHIAS.		Wash.	MACHIAS.	Portable radio set.	272-6
193445	7-14	MARIETTA		Wash.	MARIETTA.	Portable radio set.	278-6
193457	7-14	SAN FRAN		Wash.	SAN FRAN	Portable radio set.	389-6
193458	7-14	S. DAKOTA.		Wash.	S. DAKOTA.	Portable radio set.	408-6
193528	7-14	TACOMA		Wash.	TACOMA	Portable radio set.	425-6
192596	7-14	VIRGINIA		Wash.	VIRGINIA.	Portable radio set.	465-6
193459	7-14	W. VIRGINIA.		Wash.	W. VIRGINIA	Portable radio set.	477-6
193529	7-14	Honolulu.		Wash.	Honolulu.	Radio receiver.	830
193531	7-14	Aero Sta.		Wash.	Aero Sta.	Aero radio sets.	918
193530	7-14	Cavite.		Wash.	Cavite.	Receiving set.	806
193465	7-15	San Juan.		Wash.	San Juan.	Copper anodes.	835
194416	7-26	ISLA DE LUZON		NY	ISLA DE LUZON	Wavemeter.	248-6
194015	7-26	MILWAUKEE.		M. Is.	MILWAUKEE.	Radio set.	287-6
193560	7-26	MELVILLE.		Ship	Wash.	Parts portable for re- pair and return.	510-6
194418	7-26	NY Radio Lab.		Wash.	NY Radio Lab.	Condensers & inductances	916-1
193849	7-26	Bost "		"	Bost "	"	916-2
194419	7-26	Norfolk "		"	Norfolk "	"	916-3
194593	7-26	Phila "		"	Phila "	"	916-4
194419	7-26	Chas "		"	Chas "	"	916-5
194594	7-26	Chas "		"	Chas "	"	916-6

RADIO SHIPMENT REQUESTS:

Number.	Date.	FOR	From or To—	FROM	TO	ARTICLE.	
193909	7-26	Phila.		Wash.	Phila.	Wavemeter for direction finder.	919
194249	7-27	OZARK.		TALLAHASSEE	OZARK.	Transmitter transformer.	328-6
194598	7-27	Great Lks.		Wash.	Great Lks.	Mimeograph.	854
194595	7-27	M. Is.		Wash.	M. Is.	Condensers & inductances	916-2
194596	7-27	Pug Sd.		Wash.	Pug Sd.	" " "	916-6
177359	7-28	Tutuila.		NY.	Tutuila.	Wire and insulators.	846
194373	7-28	G-class SUBS		NY.	Atl Flt.	Insulators.	322-6
191678	7-29	Chelsea.		Newport.	Bost.	Fessenden radio set.	843
194312	7-31	M. Is.		Wash.	M. Is.	Bulbs batteries.	898
195115	7-31	Western Elec Co		FLORIDA	Western Elec Co	Telephone sets.	902
195115	8-1	"		ARKANSAS	" " "	" " "	902
194601	8-2	NEW YORK		Wash.	NEW YORK	Portable radio set.	131-6
194008	8-2	KANSAS		Wash.	KANSAS	Radio material	255-5
194008	8-2	KANSAS		NY	KANSAS	Spark gap	255-6
194008	8-2	Wash		KANSAS	Wash.	Rec set	255-6
194008	8-2	Wash		KANSAS	Wash.	Marconi rec set.	255-6
195295	8-2	Pensacola.		Wash.	Pensacola.	Radio material.	916-8
193559	8-2	WYOMING-NY.		Phila.	NY.	Kolster meters.	919
193559	8-2	UTAH FLORIDA		Phila.	Norf.	" "	919
193559	8-3 (4)	Ships.		Phila.	Yards.	" "	919

RADIO SHIPMENT REQUESTS:

Number,	Date,	FOR From or To	FROM	TO	ARTICLE.	
180333	6-12	NY-Wash.	Ports	Ny-Wash.	Radio material.	185-6
190267	6-17	POCAHANTAS	NY-Wash	Norf.	Trans set -- rec set.	583-6
191064	6-17	Aero Sta.	Wash.	Aero Sta.	Radio receiving set.	918
191119	6-20	Phila-NY	Cape Cod.	NY-Phila.	Radio material.	802
187912	6-20	NY.	Wash.	NY,	Receiving set.	908
180980	6-20	~~Pittsburgh~~ Pug Sd.	M.Is.	Pug Sd.	20 K.W. arc radio set.	342-6
190798	6-20	VERMONT	Wash.	VERMONT	Portable radio set.	456-6
191477	6-22	Point Isabel	Wash.	Point Isabel.	Ultraudion bulbs.	853
191476	6-22	M.Is.	Wash.	MLIs.	Detectors & bulbs.	898
191582	6-23	Wash.	FLORIDA	Wash.	Kolster meter apparatus	919
190268	6-23	MINNESOTA	NY.	MINNESTOA	Antenna switch.	290-6
190169	6-23	SOUTH CAROLINA	NY	S. CAROLINA.	Antenna switch.	407-6
191075	6-24	L-11	NY-Wash.	Bost.	Rec and trans set,	528-6
191804	6-29	PENN	Wash.	Norf.	Aud detector & amplifier	130-6
192042	6-29	NEBRASKA	NY-Wash.	NEBRASKA.	Bulbs and spark gap.	308-6
191805	6-30	Tutuila	Wash.	Tutuila.	Portable radio set.	846
191910	6-30	Mar Corps.	Wash.	Marine Corps.	Portable radio sets.	897

RADIO SHIPMENT REQUESTS:

Number.	Date.	FOR	From or To	FROM	TO	Subject ARTICLE.	
191806	6-30	PENNA		NY.	Norfolk.	Operating key.	130-6
192221	7-1	Cavite.		M. Is.	Cavite.	Antenna.	806
192220	7-1	Pearl Harbor.		M. IS.	Pearl Harbor.	Antenna.	852
191214	8-3	Wash.		KENTUCKY	Wash.	Receiving set.	258-6
188283	7-5	Wash.		Phila.	Wash.	Telautograph.	909
192327	7-5	COLORADO		M. Is.	COLORADO.	Motor generator set.	166-6
191843	7-6	PANTHER.		NY.	Chas.	Wave changer.	332-8
192543	7-7	Pt. Isabel.		M. Is.	New OrL.	Gas engine.	853
192738	7-10	MEMPHIS		Wash.	MEMPHIS.	Ultraudion apparants/	431-6
192595	7-11	SUPPLM.		M. Is.	SUPPLY	Ultraudion detector.	422-6
192223	7-12	SOUTH DAKOTA		M. Is.	Pug Sd.	Arc radio set.	408-6
192222	7-12	PENNA		NY.	Norfolk.	Operating key.	130-6
193326	7-14	PENNA		Wash.	PENNA	Cyrstal detector.	130-6
193456	7-14	PENNA.		Wash.	PENNA	Portable radio set.	130-6
192597	7-14	COLORADO		Wash.	COLORADO	Portable radio set.	166-6
192206	7-14	HECTOR.		NY	Norfolk.	Generating set.	228-6

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RADIO SHIPMENT REQUESTS:

Number.	Date.	FOR	From or To—	FROM	TO	ARTICLE.	
~~188711~~	5-24	Key West.		Wash.	Key West.	Untraudion.	817
188711	5-24	Key West.		Wash.	Key West.	Ultraudion bulbs.	817
182911	5-24	Yards.		Phila.	Yards.	Meters, etc.	916
186946	5-25	Fire Island.		Wash.	NY.	Masts.	812
189032	5-25	Wash.		Norfolk.	Wash.	Portable field set.	897-1
189136	5-26	Wash.		ARKANSAS	Wash.	Kolster decemeter.	121-6
189017	5-26	Jupiter.		NY	JUPITER.	Radio motor-generator	251-6
189134	5-26	Wash.		MISSOURI	Wash.	Audion amplifier.	292-6
189139	5-26	MISSOURI.		Wash.	MISSOURI.	Ultrandion detector.	292-6
189135	5-26	Wash.		NEW JERSEY	Wash.	Kolster decfemeter.	313-6
189138	5-26	OHIO		Wash.	OHIO.	Ultraudion detector.	323-6
189070	5-26	WHEELING.		Norfolk.	WHEELING.	Crank shaft for dory.	478-21
189137	5-26	WISCONSIN		Wash.	WISCONSIN	Ultraudion detector/	484-6
189224	5/27	ex- VESTAL		East	NY	Marconi wave changer	457-6
189225	5/27	Co WYOMING		Wash	Vessel	Receiving set	488-6
189355	5-29	VESTAL		N.Y.	VESTAL	Wave changer	457-6
169324	5/27	Laboratory		Wash	NY	portable precision capacity meter	893

SHIPMENT REQUESTS: RADIO.

Number.	Date.	From or To—	Subject.	
187337	5/29	Radio Laboratory NY	Boat compressed air condenser and motor driven air compressor	916-3
176801	5/31	Phila	San Juan audion detector and amplifier, etc	835
176801	5/31	San Juan	Wash ultraudion detector box	835
189270	6/1	Porta Wash	Porta radio receiving set I-P-76 #177	832
188404	6-3	PRESTON Boat	Chas Radio apparatus.	362-6
189273	6-6	L-8 NY Wash.	Porta Transmitting set Porta Receiving set.	585-6
189807	6-7	COLUMBIA. Wash.	COLUMBIA. Audibility meter.	167-6
189272	6-7	L-5-6-7 Wash-NY.	N.Is-NY. Portable radio rec sets.	545-6
184855	6-7	Pensacola. NY.	Pensacola. Hand operated antenna switch	827
189869	6-8	Fire Island. Wash.	NY. Radio receiving set.	812
190379	6-9	NY Elec School Wash.	NY 1/4 K.W. portable radio set	707-3
190188	6-9	N-1-2-3 NY-Wash.	Pug Sd. Radio rec sets. Transmitting sets.	547-6
190157	6-9	N-4-5-6-7 Wash.	NY. 1/2 K.W. transmitting sets.	587-6
178955	6-10	Norf Tran Sta Wash	Norf Tran Sta Radio rec set 229.	876

RADIO SHIPMENT REQUESTS:

1916

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Number.	Date.	FOR	From or To	FROM	TO	ARTICLE.	
185382	4-22	SAN FRANCISCO	Wash.	Ports.	Ports.	Receiving sets.	389-6
185382	4-22	Wash.		Ports.	Wash.	Sets ex SAN FRANCISCO.	389-6
178193	4-22	WYOMING/		Wash.	NY.	Kolster meter.	896
184167	4-25	Naval Service School		NY.	Wash.	1/4 K.W. radio set.	897
185000	4-27	Cavite.		NY.	Cavite.	Wave changer.	806
185516	4-27	Wash.		San Juan.	Wash.	Ticker detector.	835
183463	5-3	DE AUSTRIA		NY	DE AUSTRIA	Appratus.	190-6
185604	5-3	Aero 82-A		Pense	Wash.	Radio transmitting set.	876
181916	5-4	PHILA.		Wash.	Phila.	Storage battery.	828
186752	5-6	Darien		Wash.	Darien.	Ultraudion bulbs.	851
186688	5-6	Phila.	Phila.	NY.	NY	Wave changer.	431-6
186361	5-8	DUBUQUE		WASH	Ports.	Radio rec set.	193-6
186395	5-9	WYOMING.		Wash.	WYOMING.	Audion bulbs for test.	876
186765	5-11	PHILADELPHIA. Wash		Darien	Wash.	Motor cycle.	808
185316	5-11	Chelsea.		NY	Bost.	Radio key.	843
187655	5-12	CHESTER-SALEM VESTAL.		NY	Bost.	20 K.W. arc radio sets.	156-6

RADIO SHIPMENT REQUESTS:

Number.	Date.	FOR	From or To—	FROM	TO	ARTICLE.	
187654	5-12	FLORIDA.		Wash.	FLORIDA.	Receiving set.	205-6
187655	5-12	PITTS-MD.		M.Is.	Pug Sd.	20 K.W. radio sets.	280-6
187653	5-12	Western Elec Co		Wash	Western Elec Co	Receiving set.	698
177047	5-12	Tutuila.		Wash.	Tutuila.	Receiving sets.	846
178193	5-16	FLORIDA.		Wash.	FLORIDA.	Kolster meter.	898
187667	5-16	GE CO.		WYOMING VIRGINIA	GE Co.	Radio telephone.	902
187816	5-17	SALEM		Wash	SALEM	Receiving set.	368-6
188123	5-18	NEVADA.		Wash.	NEVADA.	Portable radio set.	133-6
187484	5-18	~~New Ori~~ Norf.		New Ori	Norf.	Radio motor generator.	821
188248	5-19	NY.		Wash.	NY.	Portable radio rec set.	772
177042	5-19	Cavite.		Wash.	Cavite.	Radio rec set.	806
187490	5-19	Peking.		Phila M.Is	Peking.	Meter—portable wave meter.	857
188405	5-19	M.Is.		Pug Sd.	M.Is.	Generator.	882-3
188845	5-22	OKLAHOMA		Wash.	OKLAHOMA	1/2 K.W. portable set.	522-6
185905	5-23	Atl Tor Flo		Wash.	Bost.	Audion for use on tests radio direction finder.	898

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RADIO SHIPMENT REQUESTS:

Number.	Date.	FOR	From or To--	FROM	TO	ARTICLE	
183897	4-7	Safety Train		NY.	Wash.	Panel radio set.	772
184131	4-11	ALABAMA		NY.	Phila.	Transmitting set.	107-6
184131	4-12	NY.		Phila.	NY.	Set ex ALABAMA.	107-6
184364	4-12	DRAYTON		NY.	Phila.	Radio transmitting set.	192-6
184364	4-12	NY		Phila.	NY.	Set ex DRAYTON.	193-6
184363	4-12	MACHIAS.		NY.	New Orleans.	Radio transmitting set.	272-6
184363	4-12	MACHIAS		Wash.	NY.	Set ex MACHIAS.	272-6
184363	4-12	MACHIAS		Wash.	New Orleans.	Rad sec set.	272-6
184365	4-12	SARATOGA.		NY.	Pug Sd.	Day type radio set.	316-6
184365	4-12	M.Is.		Pug Sd.	M.Is.	Set ex SARATOGA.	316-6
184489	4-14	M.Is.		Pug Sd.	M.Is.	Trans and rec sets.	489-6
184852	4-17	ARETHUSA.		NY.	Norfolk.	Radio motor generator.	120-6
184852	4-18	NY.		Norfolk.	NY.	Generator ex ARETHUSA.	
181154	4-17	Nicaragua.		M.Is.	Nicaragua.	Transmitting set, etc.	899
183683	4-18	PENNA.		Bos.	INN	Water-tight tele jacks.	130-4
184854	4-18	Portland.		NY.	Ports.	Wave changer.	803
184610	4-18	Guantanamo.		Phila.	Guantanamo.	Hot wire ammeter.	814
184854	4-18	Ports.		NY.	Ports.	Wave changer.	832
174957	4-18	Great Lks.		NY	Great Lks.	Motor generator set.	604
176804	4-19	Chas.		Wash.	Chas.	Receiving set.	607

RADIO SHIPMENT REQUESTS:

Number.	Date.	FOR	From or To-	FROM	TO	ARTICLE.	
184506	4-19	Guam		M.I.s.	Guam.	Various apparatus.	823
185001	4-19	New Orleans.		Wash.	New Orleans.	Transmitting key.	821
~~177044~~ 177044	~~4-19~~ 4-19	Yerba Buena		NY Wash.	M.I.s. M.I.s.	Radio receiver. Receiving set.	842
184948	4-20	UTAH		NY	Norf.	Wave changer.	455-6
174957	4-20	Great Lks.		Bost.	Great Lks.	Antenna wire.	604
184885	4-20	Beaufort,		NY	Chas.	Wave changer.	800
184856	4-20	Pug Id.		NY	Pug Id.	Wave changer.	833
184856	4-20	San Juan.		NY.	San Juan.	Wave changer.	835
185101	4-21	Forallon Is.		NY.	M.I.s.	Wave changer.	811
184255	4-21	Pensacola.		NY.	Pensacola.	Wave changer.	827
184999	4-21	Point Arguello		NY	M.I.s.	Wave changer.	829
184998	4-21	Cabe Blanco.		NY	M.I.s.	Wave changer.	801
~~176807~~ 176807	~~4-21~~ 4-21	Wash.	San Juan.		Wash.	Receiving sets. Audio amplifier.	835 835
184997	4-21	Tatoosh		NY	Pug Id.	Wave changer.	838
182608	4-22	MICHIGAN.		NY.	Phila.	Wave changer.	286-6
185218	4-22	NY.		Phila.	NY.	Wave changer ex MICHIGAN	286-6

RADIO SHIPMENT REQUESTS:

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Number.	Date.	TO	From or To—	FOR	FROM	TO	Subject.	ARTICLE	
181587	3-18	S2A.	Dutch Harbor	NY	M. Is.	Wave changers.		845	
181530	3-18	do	PETREL	Ports.	Guatnamo	Con tubes.		348-12	
178815	3-18	do	Wash.	Darien.	Wash.	Rec set.		808	
181890	3-18	do	Bost.	Wahs	Bost.	Batteries.		843	
181889	3-18	do	NY.	NY.	N. Is.	Spark gap		898	
			NY.	NY.	Norf.			898	
7398177398	3-20	do.	Stock	NO. CAR.	Washn.	Rec. alpar.		320-6	
176887	3/20	do	DARIEN	Wash	Darien	receiving sets		851	
176887	3/20	do	further assignment	Darien	Wash	ditto		851	
182105	3/20	do	stock	Wash	Cavite	Hudson filament bulbs		876	
176802	3-23	do	Key West.	Wash.	Key west.	Receiver.		817	
182179	3-23	do	Pensacola.	Wash.	Pensacola.	Detector-amplifier		827	
181042	3-23	do	Darien	Wash.	Darien.	Trans key.		831	
182515	3-24	do	O'BRIEN	Phila.	Ship	Antenna.		539-6	
181275	3-24	do	NICHOLSON	Phila.	NICHOLSON/	Antenna.		540-6	
183029	3-25	do	MAYRANT.	Wash.	Phila	Rec set		284-6	
182702	3-25	do	San Juan	NY.	San Juan.	Transformer.		835	
181587	3-25	do	Dutch Harbor	Wash.	Dutch Harbor	Meters.		845	

RADIO SHIPMENT REQUESTS:

Number.	Date.	TO	From or To--	FOR	FROM	TO	Subject.	ARTICLE.	
182637	3-27	S&A.		Norfolk.	Port Royal	Norfolk.		Oil engine.	848
182520	3-27	do		Brownsville	Wash.	Brownsville.		Bulbs.	853
182780	3-29	do		Cordova	Wash.	M. Is.		Rec set.	809
183119	3-31	do		Elec class.	Wash.	NY.		Detecot-bulbs.	823
183199	3-31	do		Darien.	Wash.	Darien.		Audion battery	851
182033	3-31	do		NEBRASKA	NY	Bost.		Wave changer.	308-6
					Bost.	NY		" "	308-6
174757	3-31	do		TBBS	NY.	M. Is.		Trans sets.	496
183026	3-1	do		NY.	Newport.	NY.		Trans set.	170-6
183924	4-1	do		Great Lks.	NY.	Great Lks.		Antenna Wire	854
169324	4-1	do		Bu Standards	NY.	Bu Standards.		Meter.	893
182702	4-1	do		San Juan	NY.	San Juan.		Transformer.	835
183340	4-4	do		NORTH DAKOTA	Wash.	Phila.		Rec set.	321-6
183516	4-4	do		NY.	Guantanamo	NY.		Motor gen set	814
183580	4-5	do		CONNECTICUT	Wash.	CONN.		Wavemeter.	169-6
183705	4-6	do		CHYENNE.	M. Is.	Pug Id.		Trans set.	157-6
183897	4-6	do		CULGOA	Wash.	CULGOA.		Receiver.	173-6
183894	4-6	do		Wash.	Norfolk.	Wash.		Portable set & pack.	268-6

RADIO SHIPMENT REQUESTS:

Number.	Date.	TO	From or To	FOR	FROM	TO	Subj. act.	ARTICLE	
179970	2-29	SEA.		WILKES TRANSPORT	NY.	Phila.		Radio sets.	876
"		do		TBDS	NY.	Bost.		" "	"
180333	3-1	do		DES MOINES	NY.	Ports.		Radio set	185-6
180365	3-1	do		KANSAS	Phila.	KANSAS.		Radio set.	255-6
174957	3-1	do		Elec Sghol NY.	Wash.	NY.		Receivers.	604
180036	3-1	do		San Diego	M. Is.	San Diego.		Snag copper.	830
174419	3-1	do		Wash.	Phila.	Wash.		Detector.	898
176541	3-2	do		Guam.	M. Is.	Guam.		Apparatus.	813
180611	3-3	do		ALABAMA	Wash.	Phila.		Rec set.	107-6
180321	3-3	do		Ill Nav Mil Bost Nav Mil	Wash. "	Ill Nav Mil Bost Nav Mil		Apparatus.	789 789
180365	3-3	do		Cape Cod	Wash.	Cape Cod.		Rec set.	802
180610	3-3	do		Nav Acad.	Wash.	Nav Acad.		Detectors.	820
187045	3-3	do		San Diego.	Wash.	M. Is.		Rec set.	830
176535	3-3	do		Bost.	Bost.	Wash.		Receivers.	843
180799	3-6	do		Point Isabel "	NY. Wash.	Pt. Isabel "		Wire & insulators Receivers.	853 853
179915	3-7	do		Wash.	LAMSON	Wash.		Rec set.	260-6

RADIO SHIPMENT REQUESTS:

Number.	Date.	TO	From or To	FOR	FROM	TO	Subject.	ARTICLE	
176804	3-9	S&A.		Wash. Chas.	Chas. Wash.	wash. Chas.		Receivers	807
176803	3-9	do		Guantanamo Wash.	Wash. Guante	Guantanamo Wash.		Receiver	814
176890	3-9	do		New Orl	Wash.	New Orleans.		Recviers.	821
176801	3-9	do		San Juan Wash.	Wash. San Juan	San Juan. Wash.		Receiver	835
181233	3-10	do		Pt. Isabel	NY.	Pt. Isabel		Appratus.	853
181234	3-10	do		" "	Brownsville	" "		"	853
156929	3-13	do		NY.	Cape Cod.	NY.		Portable set:	897-1
179227	3-13	do		Cavite.	Wash.	Cavite.		Receivers.	898
181452	3-13	do		Tatoosh	Ing 3d.	Tatoosh		Detector/	898
181452	3-13	do		Cape Blanco	M. Is.	Cape Blanco		Detector.	898
180328	3-14	do		TENNESSEE	Wash.	TENNESSEE		Rec set.	431-6
181423	3-14	do		OKLAHOMA	NY.	Phila.		Radio set,	522-6
176888	3-14	do		Wash. Great Lks.	Great Lks. wash.	wash. Great Lks.		Rec set.	854 854
181575	3-14	do		Ships.	M. Is.	Pug 3d.		Radio sets/	876
181794	3-17	do		Key West	Wash.	Key West.		Audion bulbs	817
177445	3-18	do		C-1	Chas.	C-1		Mechanical revo- lution counter.	322-4

RADIO SHIPMENT REQUESTS:

1916

1/

Number.	Date.	TO	From or To—	FOR	FROM	TO Subject.	ARTICLE	
176812	1-28	S&A.		WYOMING	Wash.	WYOMING	Insulators.	488-6
177327	1-28	do		New Orleans	Wash.	New OrL	Filament bulbs	821
177542	1-29	do		Wash.	New OrL	Wash.	Bulbs.	821
176538	1-31	do		S. CAROLINA	Wash.	S. CAROLINA.	Mast.	407-6
	1-31	do		Wash.	Bost.	Wash.	Receiving set.	852-M
177642	2-1	do		Darien	Wash.	Darien	Audion bulbs	898
173165	2-1	do		NY.	Newport.	NY.	Wave changer.	905
176535	2-3	do		Bost.	Wash.	Bost.	Receivers, bulbs.	843
178184	2-4	do		Wash.	Norf.	Wash.	Automatic trans apparatus.	888
173593	2-6	do		M. Is.	NY.	M. Is.	Insulators.	911
178476	2-8	do		CHESTER	Wash.	Ship	Rec set.	156-6
171875	2-9	do		UNCAS.	Chas. NY.	Wash. Chas.	Radio set. Trans set.	454-6
178635	2-9	do		New OrL	NY.	New OrL	Copper wire	821
178785	2-11	do		New OrL	Wash.	New OrL.	Audion bulbs	821
178894	2-12	do		COLUMBIA.	NY.	COLUMBIA.	Wavemeter.	167-6
176805	2-12	do		O'BRIEN.	NY.	O'BRIEN	Spark gap.	539-6
176889	2-12	do		Pug 3d.	Wash.	Pug 3d.	Rec set.	833
172663	2-16	do		Wash.	NY.	Wash.	Telefunken rec	876

RADIO SHIPMENT REQUESTS:

Number.	Date.	TO	From or To	FOR	FROM	TO Subject.	ARTICLE.	
179222	2-16	S&A. ~~WASHINGTON~~	WASHINGTON	Wash	NY. WASHINGTON	WASHINGTON Wash.	Wavemeter Wavemeter.	474-6 474-6
179240	2-16	S&A.	SUBS.	Wash.	SUBS.		Audion apparatus	898
179239	2-16	do	BALBOA	NY.	DARIEN.		Spark gap	850
179149	2-16	do	Chester Lakes	Wash.	Great Lks.		Inductance coils	854
176927	2-16	do	WALKE	Wash.	Chas.		Radio set	471-6
179350	2-17	do	Wash.	PETREL	Wash.		Detector.	348-6
179351	2-17	do	Federal T Co	Darien.	Federal Co.		Oil engine	861
175718	2-21	do	Wash.	DELAWARE	Wash.		Receiver.	182-6
177664	2-21	do	Wash	Darien.	Wash.		Receiver	850
179176	2-21	do	Great Lks.	NY	Great Lks.		Loading coils.	854
179210	2-21	do	NJ Nav Mil	Wash.	NJ Nav Mil		Keys & buzzers	789
179750	2-25	do	PENNA	NY.	Norfolk.		Apparatus.	130-6
179755	2-25	do	CHESTER.	NY.	CHESTER.		Gaskets.	156-6
179914	2-25	do	ARIZONA.	Wash.	NY.		Apparatus.	529-6
167433	2-25	do	Wash.	NY.	Wash.		Rec set.	876
179909	2-25	do	Radio	NY.	Wash.		Apparatus.	841
179847	2-26	do	ORION	Ship	Phila		Resistance boxes	163-6
179743	2-26	do	Wash.	Ports.	Wash.		Receiver.	898

SUBMARINES

1922

Number.	Date.	From or To—	Subject.
651773	11/24	Subm Div. 9	Copy of letter to Mare Isl. submitting data on new type submarine coil antenna installed on RI - 2. W.
652297	12/4	CIR	Copy of letter to M.I. finding design of hull fittings for receiver leads of sub. coil antenna developed by Ports. will be used as a type in for future installation W
653266	12/6	M.I.	Fwd instruction books for submarine coil antenna type SE 1555 W

1922

Number.	Date.	From or To--	Subject.
621396	186m card 28		To MI - coil antennas- manufacture of- reqsts inform rel completion of W 12/30

SUBMARINES

1922

Number.	Date.	From or To—	Subject.	
✓ 640141	9/1	Washington	Model TE transmitter on board IS-50 -report on test. W.	
✓ 640126	8/31	Ports	Request vandyke showing insulator fitting for submarines be furnished. To Comd V Ports- From Vandyke 9/5 W.	
611004	9/20	Subm Div. Zero.	Submarine radio experiments not satisfactory due to personnel performing same not being competent - request expert radio officer be ordered to duty in conn with. W.	497
✓ 642395	9/23	To Div Zero	Submarine Radio Experiments- gives suggestion. W	

SUBMARINES

1922

Number.	Date.	From or To--	Subject.
645053	10/11	To Comdt Div O Newport	T Rpt telegraph approximate potential induced bridge radio coils on R 22 when transmitting on loop or antenna. Is grounding of these terminals neccy. Is potential sufficient to cause spark when terminals nearly in contact. W
645062	10/14	To Comdt 14th Nav. Dist	Instln of multi-coil antennas on sub. X-21 to R-20 W cc A.R. 88-0-6
645023	11/7	Cavite T	Vacuum tubes and receiving equipment still in radio and calibration equip- ment. Asks whereabouts W Fwd S&A cc Cavite 11/18
650423	11/16	M.I.	Rpts instructions and plans for installation of type SE 1356 antenna coils W

SUBM. 12173

1922

Number.	Date.	From or To	Subject.
61634	5/27 4/3	MI Dept	J. J. Robinson Electric Craftman. - improvements in submarine coil antenna - fws description - request auth to turn in spare structure To MI - Gives Action taken on Dept 4/13 fws Dept 9/30 RB 10/5/22.4
620495	4/20	Prof Subm Marine Motilla.	Request auth to turn in spare structure coil antenna - new type coils to be given test 5/8 W
621376	4/24	Mare Isl.	Design Problem 171 - A cov improvement of submarine coil antenna - suggestions cov. W. To MI (T) Gives instrns 5/4 To MI - Gives Action taken 5/5 MI - (T) Preliminary plans mailed 4/19. 5/9 W. To MI (T) plans photos missing 5/11 MI - (T) Report on test of coil. 5/16 W To MI (T) Request inform 5/19 MI (T) Gives currents. 5/26 W To MI (T) Gives report 5/26 To MI (T) manufacture auth 5/19 M.I. 6/6 Improvements to submarine antenna bridge cells fws prints. W To MI (T) Gives report 5/26 Mare Isl - Improvements in submarine antenna coils - fws prints. 7/10 W To MI via C&R. arrangement apv'd with comments 8/25 C&R Copy action to Mare Isl. 9/2 W Mare Isl - 10/12 - (T) - Ask if Yard should manufg shell fittings to be attached to coils. To MI (T) no action auth 10/13 Mare Isl - Copy of letter to C&R regarding improvement of submarine coil antenna. 10/20 W M.I. 12/2 W

card 30

1922

Number.	Date.	From or To—	Subject.
626274	6/1	Mare Island (T)	Request authority to manufg shell fittings for electrical coils for submarine coil antennas. to 11 (3), unnotis factory 6/3 1- Pwls sketch of closed water tight fitting. 6/20 W.
626666	6/5	To MI (T)	Ask if antenna coils on hand for S Three W To PH (T) Ask disposition made of antenna coils 6/5 M.I. 6/8 T None on hand W To 11 (1) per request 6/19 Pearl Harbor (T) Phil E being traced. 6/25 W Pearl Harbor T Shift made 11/30. 6/30 W.
47403	6/17	To Insp mat GE	Change over equipment from Model "TD" 629 828 confirms GE understanding of conference 60 344 W
632597	7/12	MI (T)	Request auth to continue manufg of submarine antenna coil- subm estimates. W to 11 (1) per request 7/12 M.I. 7/12 per request 7/12 7/17 W

Number.	Date.	From or To—	Subject.
602820	FROM CARD 26		C&R- Request action. W. 3/17 C&R Request action. 5/17 W Dept- Atl. Sub Assts status of 100 Watt AC tube sets. 6/5 To Comdr. Atl. Flotillas via Gramps Gives inform rel instaln of transmitter cc Pac Fleet 6/8 C&R 6/14 Request action W Subm Div. 10- Request radio transmitters model T-MB be installed. 6/26 W CV 0-12- 6/29 W. To Div 10- rel delivery of transmitters cc Togo solo- 7/17 To Div 10- rel delivery of trans cc Phila 7/17 C&R- Request action. 7/28 W To C&R- radio instaln on subs 8/21
463145	fwdded from card 22		To Phila- Special Loop Antenna Wire- Ship ment of W 3/28 W To Phila/Reqst Inform 4/7 To S&A Regst shipment of Wire from Phila to SO Boston 24 4/10 RB 4/29 W. To S&A Regst shipment of Wire from Phila to SO Parts 25 4/10 RB 5/1/22 W. To Phila. assignment of loop antenna wire to Sub # 24 and R-26 cc CG's- R-24-26 4/12

[OVEN.]

1922

Number.	Date.	From or To—	Subject.	
602520	1/11	To Navigation Via Naval Communications	Radio Telegraph- Commissioned radio personnel for Submarines WF	632
585178	FROM OVER		Washn- Proposed scheme for manufg type SE- 1564 submarine coil antennas- fwsd print 1/27 W.	
JARD	27		U.S. Rubber Co. - Estimates submitted incl. drawings of 1 antenna 2/7 Y. Belding and Packing Co. 2/10 W. Miller Rubber Co. Cannot produce special coil. 2/11 W	
			Kelly Springfield Tire Co. - Fwsd drawings. 2/13 W U.S. Rubber Co. - Not equlpt to manufg special coil. 2/23 W Fed. Rubber Co. - Cannot manufg. 2/23 W Goodyear Rubber Co. - Returns prints. 3/6 W MI - (R) sub estimate cov cost of coils. 3/7 W MI - Subm estimates for coils. 3/3 W. To LI (R) - rel. completion of coils gives instrns rel 3/15 To MI - Gives Action taken cc Div 9- Washn 3/17	
611875	2/26	W. H. North	OK on ant nna is secured on U type submarines. W	975

Number.	Date.	From or To—	Subject.
585178	8/26 9/6 1-18	Pacif. Subm. Force Pacif. Fleet To Comdt Washn- Rqsts comment	Submarine antenna- coil; suggested improvements in -fwds photos. W. To Pacific Fleet- Ack receipt of Coil W 9/17 To Westinghouse Gives inform rel Sample of rubber covered wire- W 9/17 cc Washn Westinghouse L/ M Co.- Gives suggestions, rel to imprvt of antenna coils. 10/10 W. 875
OVER			
51172	9/18	Insptr IE	Was sent a photo of "I.E.E. and Submarines" 6-9
594022	10/11 11/2	Phila. C&R 5-14-6	Loop antenna- submarines L-4-9-10; fwds prints. W. To C&R Gives inform rel work 11/19 To C&R- not desired that work be undertaken 11/19
602820	1/6	To C-I-C Atlantic- Pacific- Asiatic Fleets	Radio installations on Submarines- comments cc Navisp- Dir of Com ns- Comdr. Div 14- 10/18 Comdr. Div 14- 10/18 P A- Navisp W Atl/Sub- 1/16 W To Atlantic Fleet- 1/16 W Subm Div 14- ? Detailed report rel to organization of div communication training and by etc. W Copy of letter to Pacif. Fleet rel to radio instlns on Submarines and Submarine Divsn 9. W
TO CARD 27			
605720	1/13	Subm. Div. 9	

SUBMARINES

1 921

Number.	Date.	From or To—	Subject.
549866	2/18	Sub Div. 14.	Report gov trouble experienced with radio master on Submarines due to parting of hoisting cable with comments on splicing difficulty. W. C&Ro Copy action to Subm Div 14. 4/6 W. To Div 14 Gives inform 4/11
550033	3-9	To Secty via Oprns	Radio apparatus on E-class submarines W RB 3-15 To Div 12 - 18 Allocation of tube trans appvd 3/19
554085	3/7	Subm Div. 1.	Request inform rel. to combined experimental operation aircraft submarines, etc. W.
562338	5/5	Subm. Div. 1 Copy	Request shipt of 50 vacuum tube plate batteries for use on submarines. W. Shipt order from M.I. to Coco Solo 5/9 7331 11 5/17 RB 12/14 W And S&A 5/25
574354	7;9	Sub Div 14 T	ASK when vatl will be xrt available at rearl Harbor for instain of french coils and loop antenna on subs of division. W To Sub Div 14 Tel 7/14
REON 245/21	7/14	To Comdt Boston via S&A	Antenna wire insulated for submarines WR
582971	8;10	Pearl Harbor	Reqt radio plans of R&S type submarines. W

SUBMARINES

1920

Number.	Date.	From or To—	Subject.
518444	9/21	Insr Union (T)	Request plans covering French coils for submarines. W. To Insr Union 9/24 To Insr Union 10/7 Insr Union (T) Request vandyke. 10/6 W.
524045	10/18	Naval Intelligence	Fwds copy of article rel to wireless on board submarines. W.
530837	11/18	F.V.	Fwds description of a submarine radio transmitting and receiving buoy gotten up by Gunner F. Sherman. W. Wireless Spec. Apr. Co. Fwds photos of 2 KW transmitters with condition cov. 11/30 W To F Sherman 12/7 To Wireless Ap Co 12/17—acknow—W
543529	2-1-21	To H. Island	Acknow forms—bearing heading "USS V-9, May 1920" Reqst advise what vessel refers to W 21 2/8 W.
546394	1/6	State Department Dept	Fwds letter from Ver. 121 "Verinigte Electrotechnische und Chemische Wer. o. Ver. 121" on invention of submarine wireless communication system. W. To Intelligence 2-17-21 (Verinigte Electrotechnische & Chemische Werks) Copy Sec
549265	2/11 2/18	Subm Div. 9 Communications	Recommendations cov alterations of present submarine group ways. W. and Commun 3-9 RE 3/11 W To IM Narc Gives Action cc Comm - Div 9 3/15

SUBMARINES.

-1920-

Number.	Date.	From or To--	Subject.
490749	4/29	T. Johnson, Jr	Submits status of plan for coming s Submarine trip in connection with various radio tests - W
492055	5/6	Wash CO BUSHNELL (T) - Arrangements made to complete all desired tests on S-5 before or during trials. 5/31 W to Par. harbor - Report on distant test with S-4. 6/7 W. Boston - Confirms telephone conversation in conn with determining antenna data with Destroyers at Boston. 6/9 W.	Design problem No. 2 - prelim service test on sample of marble T E submarine transmitter - report covering - W To Anacostia - tests made have been prelim To Ports (T) removal of trans and gen. Do not remove elec leads letter follows 5/19 To M. Ports. auth of instal of expr radio equipment aboard S-5 5/19 To T. Johnson, Jr (T) instructions re mater 5-21 T. Johnson, Jr (T) - States Subm radio tests at Provincetown will take until about 6/8 To BUSHNELL (T) - For Aid Johnson advise if possible conduct part radio test while S-5 is making trial runs. 5-22
494526	5-2W	To M.I.	informs that Bu. has reqstd Washn to ship Pedro oscillation control units CC San-Pedro
498366	6/8	CO BUSHNELL Copy	Request opening of schedule 5530 be postponed until 6/23. Request Annapolis transmit 6/9 on 17,000 meters To BUSHNELL (T) 6-8
500489	6/19	Washington	Subm report on test of sample model TE submarine transmitter submitted by G. A. Co. W.

Number.	Date.	From or To—	Subject.	
500544	6/19	C&R	Copy of circular letter giving instrns in conn with instn of loop antenna. W. X 875	
502966	7/1	Boston	Lists a paratus used in conn with submarine radio test, ship on Govt bill on loading to GE Co., Washington Yard.	
505515	7/14	Ports.	Request copy of special radio report on test 3-3-35. War Dept. motor on board S.M. 100 and 3-4-35. W. To Ports. fnds copy of report 8/25.	
505259	7-16	To War College Newport	Fnds copy of "Report of radio tests on Submarines W"	
505476	7/20	CO S- 5	Fwd report of Chief Elec. W.P. Daniel. Gov radio test on Submarines. W. To CO. comments 7/26	
508995	7/23	C&R Circular	Request obtain as much data as possible relative to detection by listening gear of all aux machy on board submarines. W	797
515103	8/31	C&R	French coils for radio on Submarines- copy of circular letters. W.	

SUBMARINES

Number.	Date.	From or To—	Subject.	
✓ 478979	3/1	Washington	Fwds prints of proposed plans for shielded telephone connection to Submarine Radio receiving eqipt.	W.
✓ 480060	3/8	To Im Ports 127 16	Retuning Cuttings & Washington transmitters on submarines 8-4 and 8-5. Request estimates. W Ports- Subm estimates 4/8 To Ports: asks fwd plans and info 4-12 To Ports: asks reply be made 6-12 Ports- Was drawing showing changes. 7/15	W
✓ 480970	3/11	Washington	Loop and flat top antennas for Submarines fwd prints with comments on.	W.
480596	3/4	Dept of Justice	Request authority to inspect documentary evidence relating to signaling devices which may be on file at Annapolis, Md	W.
✓ 481289	3/8	Ports 127 16	Transfer send-receive switch for proposed rotary loop main antenna submarine instn on 8-4. fwd prints with estimates.	W.
✓ 481833	3:11 Apr 4/23	Insp'r Union "	Request VanDyke covering 3 wire entering in tube for submarines. W To C&R: request fwd vandykes to Insp'r Union To Insp'r Union 4-14	4-14
✓ 481621	2/12	C. N. Ingraham	In connection with developing rejectors, accepters and brake system - ask if Bu. will approve reqn covering material - W	

907 SUBMARINES

Number.	Date.	From or To—	Subject.
482107	3-12 3-18	Dept of Justice Dept	Submarine radio loops; request correspondence and op orders covering installation of old submarine: 1896. 896-1
482670	3/19	Naval Intelligence	Fwds copy of article on wireless on submarines - W Fwd Intelligence 4/3
485307	4/2	Washington	Fwds reports on reception and transmission test conducted on S-3. W.
484264	3-31	To Comdt Washn	Authorization of mfg of submarine radio receiving equipment. Lists W 896
487078	4/12	Wash 4-3	Design problem under No. 73 - submits preliminary report and recommendations for use of ballast lamps. W (Cross)
489154	4-26	To Operations Bar Harbor - (T) - report of test. 6/4 W	Request permissions granted to representatives of Bureau to take passage from Washn to N.Y. on S-4 in conn with tests on W To Wash. D.C. - Re: radio aid. B.H. - 4/28 Navigation - Authorizes Bur employees listed to take passage on Board S-4. 4/29 W. N.Y. - Copy - S-4 conducting transmitter test. 5/1 W Bar Harbor - Copy - Report on test. 6/3 (2) W Bar Harbor - Copy - report on test. 6/4 W

SUBMARINES: RADIO

Number.	Date.	From or To—	Subject.
459209	11/20	Dapt.	Copy of telegram to Atlantic Fleet directing S-3 be sent to Washington for conducting radio experiments. W.
459277	11/25	To Cds IM's Inspre	Fwds wiring diagrams for subs equipped with both loop and flat top antennas and equipped with loop antennas only. W
460755	11/26	Fed. Tele. Co.	Fwds copy of letter from Crocker Wheeler Co. rel to equipt to take care of voltage variation on 2 KW motor generator sets to be used on Submarines. W.
462386	12/9	C&R 57-6	Copy of letter to Phila. stating clearing lines with arrangements of loop antenna will be eliminated from Submarines 0-11 to 16. Also will be eliminated from K-3-4-7-8, and M-7. W.
462743	12-13	To Operations.	Radio test work to be conducted on the S-3 now at Navy Yard Wash. Reqt's permission for civilians listed to take passage to participate in conducting tests. 12-1. W RH 12/20 to S-3 via ATL. JLT S-B FLT-SUB DIV. 15. 1-9 copy to Operations. 1-9
463145	12-15	To S&A see 4-24 27	Reqt shipment submarine loop antenna wire from Boston to Phila. W RH 8/4. W to Phila (T) - Notices of shipment. 1-19 Shipt order from Phila to Ports 8/19 8562 Rb 9/8/21. W.

Submarines

Number.	Date.	From or To--	Subject.	
✓ 463889	12/2	Sussanna W. ~~Barry~~	Raes Wireless collapsable tower for Submarine; request Belgian inventors be duly compensated. To- Reqt submit claims. 12-22	W.
464422	12/19	Dept,	Copy of telegram to 5th Dist. directing vessel proceed to Jom. to join Atlantic flotilla for experiments and test. n W.	
✓ 468309	1-13	To Cavite	Sale of submarines A-2, A-4, A-6, A-7 E-2, C-1, C-2, 3, 4, 5. Disposition of SE material. W	
✓ 470632	1/19	Phila.	Main and loop antenna lead in tubes for O-11 to 16 and E-4-7 - fwd prints.	W.
✓ 476768	1/29	A. Crossley ✓	General summary of under water radio experiments. W. X875. ✓	
477942	2/27	To C&R	Installn of radio coil antennas on submarines confirms results of conference- Lists Subs W	

907
SUBMARINES RADIO

21 ✓

Number.	Date.	From or To—	Subject.
455614	11/4	To S&A	Reqt shipmt from Boston to Ports antenna wire. W RB 12/4
455615	11/4	To S&A	✓ Reqt shipmt from Boston to Quincy radio appr W RB 12/22
455616	11/4	To S&A	✓ Reqt shipmt from Boston to Bridgeport antenna wire. W RB 12/2 ✓ To inspire IM CAR- sample being shipmt for use in design of entering tubes for loop antennas on submarines. 11/6
456000	11/6	To S&A	✓ Reqt shipmt from Boston to N.Y. antenna wire. W RB 3/18
456187	11/6	To S&A	✓ Reqt shipmt from Boston to Phila antenna wire. W RB 2/9
456713	11/7	Mare Island (T)	Request probable date of delivery of loop antenna wire and French antenna coils for Submarine Division #14. W. To MI(T) 11/15

SUBMARINES RADIO

1919

Number.	Date.	From or To—	Subject.	
48778	11/5	To S&A	Reqst manufacture of 250 Submarine radio receiving coils be adopt; alterations in design to be made. W	629
457095	11-8	Phila	Lead-in tube for loop antenna for submarines- Reqst Bakelite be used in place of glass. 11/22 cc to Divn 10	W
		Phila Fwds special radio report on characteristics of Safetee glass. 2/7		
		Phila Fwds report of test of characteristics of Safetee glass for use as insulators. W 2/5	Phila 11-28 Hears Turner Glass Co will submit samples for test.	
456188	11/10	To S&A	Phila - Subm report on preliminary test. 12/22	
			Reqst shipment from Boston to Mare Island antenna wire. W	
457300	10/28 10/29	Pearl Harbor Hawaii	Request plans showing method of installn of French coils on Submarines. W.	
457418	11/13	To Operations (Subs)	Reqst use of S-3 in conn with radio experiments at Wash Yard. W R B 11-24	
			C&R - copy of action of Wash Yd - 12/12	
458579	11/19	To Phila	Fwds wiring diagrams showing connections for trans and rec on subs fitted with loop antenna on y. also wh fitted with loop and antenna. W	
			To Ports Fwds 11/19	

SUBMARINES: RADIO

Number.	Date.	From or To—	Subject.
441857	8:26	C&R	Coils for radio instruc in con with instal in subs. W
✓ 442167	8:28	To Comdts, Indust Mers. Inscr's, COSub Force J&R Ports-Reqst fwd vandyke- Tel 10:13 To Ports-Tel-French coils will be shipped from Boston 10:11 fwd C&R 10/16 C&R-Sub recs 10:20 TO C&R-Gives information de- sired relative to clearing line. 10:27 8:29	Data as to stand arrangements and plans. Phila 9-5 Confirms phone convsn. C&R 9-9 Copy of instructions to Fore River Mare Isl 9-11 Ports-Tel-Reqst action 10:9 C&R 9-18 Copy of ltr to Insp'r Lake. Cocco Sola- 9:13 Ports-Tel-States material urgently needed. W 9:23 Ports-Items urgently needed. 9:27 To Ports (T) 9/24 (Loops-10:27 TO C&R-clearing lines should be insul by metallic Ports-Tel-Reqst expedite material for S-4 10:7 Sub radio transn, plain proof key. W
443035	8:29	Boston	
355696	FROM CARD 16		To Boston (T) 10/2 To Boston-Tel-Reqst action 10:22

Number.	Date.	From or To—	Subject.
454976	10/29	C&R	Loop tool cable for sub, expect delivery to be made at Boston Yrd before Nov 1st. fwsd copy of let regarding proposed arrangement of radio tube. W
454511	10/30	To Ports	Fwsd vandyke copy of drawings. radio telg antenna installns on submarines W
442167	SEE OVER		
	To IM Norf 3/29 copy C&R		Mars Island- Copy of letter to CR fwing prints with comments. 10/23
	Phila- No French coils recd; ask what boats are to be installed on. 9/20 W.		C&R - Request certain information. 10/31
	To Phila vi C&R 10/5		Mars Island 10/25
	C&R- Copy of action to Phila. 10/13		Ports - (T) Request expedit action. 10/29
	Phila- Fwsd prints of French coils. 10/22 W.		C&R- Fwsd copy of letter to Phila giving instrns. 10/29
	Fwd C&R. 10-22 RB 11/8 W.		NY- Request all drawings showing stand instal be fwd. W 11/4
	Phila. 2/7 W.		MI- Request action. 10/31
	To Phila 2-16-21		C&R 11/10
	Phila. 2/23 W.		C&R 11-22 Request action
	Shipt order from Wash to Phila insulat 2/28 6422 RB 4/8 W.		C&R - request action - 12/11
			C&R- request action-12/27
			Mars Island Request action ?
			M IS- 1-20- request action-1;20
			C&R- 1-26
			Nor- fwsd prints showing proposed method of installation-1;28
			To MI 1/29
			C&R - Request action 2/10
			Mars Island 2/12
			C&R 3/4
			C&R - request action - 3/13
			Fwd IM Norf via C&R copy Div 5 and IM Norf 3/18
			Nor- Request action 4/25
			C&R - Request action. 4/14
			C&R - Request action. 6/4 W.
			C&R- Request action 7/2 W

SUBMARINES: RADIO

Number.	Date.	From or To—	Subject.	
416696	5:5	C&R Circular	Sub information in con with what is approved for various sets.	W
415877	5/6	To Comdt Washn Yd.	Comments rel to policy of equip subs with arc type transmitter. W.	898
✓ 422912 ⁰	5:2 ³	Bu Stand <i>passing</i>	Asks if any objection to publishing results of experiments on subs radio com during summer 1918. To Bu Std- no objection 6-16	W
✓ 426494	6-19	To Ports Tel	Refer phone conv type plans radio installn subs will be frd Friday June Twenty cc to Radio Divn To Ports phone- re plans 6-19	D
✓ 427338	6:19	N L Sub Base	Rwds report on loop transmission submerged..	W
✓ 407735	7/25	To Purch Officer Paris	Receipt acknow public bill 2631.	K

Number.	Date.	From or To	Subject.
✓ 436296	None	Bu Stand-Res Lab	Loop radio transmission on subs. report on comparason. W
✓ 439649	8;12	Exp Publishing Co	Reqst copy of report on sub radio tel by Messrs Willoughby & Lowell of Bu Stand. To Western Elec Co - 8-19 To Bureau Standards - No objections to publishing of report of Messrs Willoughby and Lowell. 8-19 West Elec Co - 8;28
365915	FROM CARD 16		New Lond - Subm report. 8/19 W.

1818

SUBMARINES: RADIO

Number.	Date.	From or To--	Subject.	
✓ 395373	1:17	European Force	Furnish seven radio receivers for subs fwd to New London.	W
✓ 395721	2:7 2:17	Atl Sub Force CAR	Asks if certain papers missing on radio test were fwd. to Bu 10-15-16-17-18-19-20-21 papers were the missing ones. 2/21	W
✓ 400758	3:7	West Elec Co	Req authority to have rep visit sub in con with radio tel set. To Opr- reqst. Western Elec Co be granted permission re above 3-11	W
✓ 403914	3:15	Ensign A Crossley	Underwater loop constance, sub report of test with curves carried out on H-2 Cross to 875	W
✓ 414846	4:28	New London Base	Sub infor re range of loop and antenna test under water.	W

1919

Number.	Date.	From or To--	Subject.	
404780	3/26	To Operations (SUBS) Via C&R	Recommendations made for standard type submarines reasons given - Charleston-Submits estimate. 5; 7 fwded KW 5-13 RB 5;22	908
407735	3;5	European Force	Asks if radio rec for sub shipped 8;15 has been received. To Purchasing Officer Paris France- acknow receipt of apparatus 4-11 Navy Purchase Officer-Paris 5;22	W
403053	3/31	To Comit. Washn.	Arrived from London 3;22 S-3's, under water operations with subs, recognition aboard battleships using short antennae, for radio op mass shore stations author carry out developments re a.c. lifter for-	318
409197	3;29 4;2	New London Sub Base Operations	Radion test on S 3 and SC 408. S-3 in dry dock for about two weeks; summer Bradley is returning to Sub Base; asks if test shall be carried out after S-3 undocked. fwd Nav 4-9	W
440327	4;11	Ensign Crossley	Sub loop constance, report of test with on H-2	W
411428	4;11	LAN FILERO: JUE LEE	H-9 req permission to instal under water radio for rad app.	W

RECEIVED: 1910

4-2383

Number.	Date.	From or To—	Subject.
377571	12/16	To Bost.	Sub radio antenna wire. Fwd/ immediate port nece sity 200,000 feet sub antenna wire schedule 7460 half based Santa requisition four.
365921	SLE CA D 16		Fwd S&A- 1-4 To London- reqst ack now receipt of appr 2-26 N Lond Dist Base 2/ 28 Matrl recd 12/ 31-
386355	1:17	C&R	Arrangement of radio room on sub, fws prints. W
389370	1-30	To SAVANNAH	contracted for 4, 00' of insul tgd wire for sub line un crated radio equipmt -2 00' to be delivered to "AVA R&R" 1-30
392108	2-7	To New London Navy Sta	Submarine Radio experiments. Will fwd appa- tus for developing greater power from the loop antenna now used. W copy to CO Submarine Base New London. W

Number.	Date.	From or To—	Subject.
317727	9/13	To NL	Incl. copy of ltr. from Dept. of Commerce re Underwater Radio Reception.
358334	9/16	Bushnell	Report of radio material submarine Floating Division 5
360735	10/22	Sims 7573 Copy	Twds. one set of French Navy type receiving coils for use with 10 Loughia submarine radio receiver W
355696	10-21	To Post To Boston Tel 5-30	authorizes manf. by Bost of 10 loops --re external wires on transmission and reception on loops stored Suba. Boston-Reqst ship instrucs W
SEE Boston Tel 5-30 on 11/17	Estimated date of comp	Boston-Req instrucs rel to	To Boston Tel 6-11 cov antenna coils. 9:30
20	ship radio loop coils to N L Sub Base. W	10-29 8:18	Boston-All material req for mfg of loops on hand. 1:16
357643v	10-29	To Dept (Operations)	RE experimental work on loop transmission -is making rectm for rubber insulated phosphor bronze stranded cable for wk at N Lon W Dept - 11:16
361653	11:1	Dept	Copy of letter to New London Experiment Station on tube trans and reception aboard sub trip test, under navy conditions on stake at New London. W

907 SUBMARINES; RADIO

Number.	Date.	From or To—	Subject.
366915 SEE CARD 19 366622	11-8	To Dept, Dir Subs To N Lon via C&R- Fwds bprints showing proposed changes on bridge of R-25 used for above experiments C&R-Copy of endorsement 1-1 to NL: fws, rints, W 1:9 R-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100	Equipment of subs for under water transmission Rqsts experiments, comments 11-8 W Dept -Copy of report about how London Base directing carry out test. 11:15 To Dept, re test of underwater radio, 11-25 W L Sub Base 7:17 W L Sub Base 7:51 Are British Subs equipped with radio, are transmitting sets larger than 3 K W.W Copy 4509-Description of British Sub Transm 11:9
366702	11:5	London Sub Base Dept	Report of radiation sit at Bath S E Co also Lunn Co W
366701 SEE CARD 17 366701	11-9	To NL To NL-Asks that action be taken to expedite 4 radio transmitting sets 12-24	Is report from NY to London 4/17/44 To NY, Re ship of radio apparatus 11-23 NL-Asks what on type of radiation with com. on. W 11:9 Asks for report on results of change of trans- mitting sets on Subs.
366702	11-14	London Sub Base Dept	Copy of manuscript not recd 11-18 To - confirms telephone message re radio manual in possession, 11-27
369452	None	T B Kinraide	States experience with under ground radio apparatus in use on subs, re: discussion to C & C copy 11:15 C - Comments on letter 11-1

4-3481

Number.	Date.	From or To—	Subject.	
352856	9/25	Dept	ORS and AA class of subs reqst comment of in conn w removal of transmitter apparatus	Bureau D A 876
354002	9:27	Sub Force	Experimental under water, radio, fnds report on W	
356286	10:7	Atl Sub	Tel: req radio apparatus listed be shipped to Alert for use of div set. W	
363822	10:30	Sims Copy BUEE	One amplifier box of French type shipped to bureau.	

SUBMARINES: RADIO

Number.	Date.	From or To—	Subject.
284328		CARD 13	Atl Fleet - Recommendations re radio equipment on A class submarines. W 4-26
302853	5-3	To Comm..Sub.Force Atlantic	Test on submarine to demonstrate possibility of using submarine oscillator motor generator as radio motor generator and vice-versa— Atl Sub.Force - No submarine available for test. W 5-24
306396	5:12	New London	TEL. Reqs make arrangements with Bureau standards to allow Willoughby & Lowell to remain for some time longer. W To N. Lond. (1) Despatch re radio addressed Locke re radio Lowell B. Standards with Willoughby and Lowell remain as necessary 5-14
308209	5:15	Atlantic Sub.	Detailed suggestions for radio installation and submarine under connection and authorize. W To Atlantic Sub. Represent. of B. will visit the CHICAGO at an early date. W 5/1
313933	6-8	TO S&A	Reqt shipment from NY to Sub Base Coco Solo— radio apparatus—W Received back 9:23

SUBMARINES : RADIO

Number.	Date.	From or To—	Subject.
298282		SELCALD #13 CANCELLED	Insur. Sub. n-T-r, st Bus consider tion of action taken 6/15 Mare Island - TEL: Request authority to have radio set returned to Mare Island from San Pedro for instal. W 8:23 To Mare Is: (T) Author. install rad. set on SELCALD BILL: 5/17
327495	7:17	Pg 5d	TEL: Insulator for submarine O 2 and H class have not been received at New York To (T) Author. use of insul. cor. 7/18
331737	7:27	Atl Sub	Re st 1,000 radio amplifiers be supplied to submarine list. W
336605	8:5 8:10	Atl Sub Atl Fleet	Sub information in connection with faults found in installation of radio apparatus on submarine. W To "ash" approves list of appl. in each sub with action " " batteries 10-21
337362	8:13	Atl Sub	Unsatisfactory receivers, request same be replaced.

SUBMARINES: RADIO.

Number.	Date.	From or To—	Subject.
278850	1-29	Atl Sub Flo	Recommends all submarines now being built be fitted with DeForest detector, oscillator and amplifier. W
283240	2/19	Atl Sub Force R	Spare parts for submarines - gives list of those needed for submarines needed on distant service - W
		Atl Sub Force R	To S&A - Recd shipt of radio spare parts from Wash to BUSHNELL. 2/25
		Atl Sub Force R	To S&A - Ditto from Best and NY. 2/25
		Atl Sub Force R	To Atl Flt - 2/25
		Atl Sub Force R	Atl Sub Force R - Recd shipt from Wash to U.S.S. BUSHNELL - Radio apparatus - 2-16
284328	2/12	Atlantic Sub Flotilla	Telescopic radio mast for submarines - criticizes present design. W
		Atl Sub Force	To - Detailed comments on 3/12
285302	2-27	Boston.	Wds. photographs of antenna switches and plans for hand key for submarine sets. W. 875.
292774	3-23	Richard Pfund	Method of communicating between submarines. W
		Phil -	Telephone communication re use of Edison phonoplex transmitter in communication between vessels. W 5/3
			To W Lord - 5-10
293629	3-27	Marconi Company	Copy of letter to NY relative to mounting for 1/2 kw submarine sets. W
296025	4/5	Marconi Co	Asks if Bureau has any objection to their placing order with factory for 75 1/2 kw submarine type panel sets to be used as reserve. W
		Grt Lakes 5/6.	To Grt Lakes - Ask what vessels equipment is installed. 4/9
		Grt Lakes 5/7.	Great Lakes - 5/7.

4-2311

[OVER.]

SUBMARINES: RADIO.

Number.	Date.	From or To—	Subject.	
246079	8/27	Atl Sub Flo Personal	Submarines ~~K-1 to 4~~ and 9 to 11, K-1 to 6 and E-1; states should be furnished with longer range radio equipment.W	
246897	8/27 8/31	Phila O&R	Submarines, clearing lines; request decision relative to leading ends of antenna directly to deck forward and aft, or if present short mast must be retained.W (Cross to 514-6 and 421-6). ~~Fwd O&R 9/14~~	
247495	9/5	To Bost	Test of 5 K.W. H-C S submarine oscillator motor generator. Directs arrange for test. W Bost 11/12	
250920	9/17	Director Nav Communications	Report on radio equipment on German submarines.	552
250920	9/24	To Nav Com	Radio equipment on German Submarines—comments on similarity between German and U.S. install. Experiments being conducted at New Lond. with a view to establishing communication between subs entirely submerged by radio.	652
V 253407	10/6	Cutting & Washington	2 kw submarine sets; submits brief description of and quotes price.W To—Will make reqn for 20 2 KW sets. Fwds copy of specs for sets.10/23	

SUBMARINES: RADIO. 907

Number.	Date.	From or To--	Subject.
256850	10/24	Boat	Asks if Bu's desire to equip submarines with receiving apparatus suitable for receiving arc signals. W To--Will not equip. 10/31
259330	11/8	C&R	Disposition and use of aerial in housed position of submarine. To--Concours. 1/7
269904			~~Sims-copy--Directional and listening devices for use under way-asks latest developments.~~ 1/5
273240	1-9 1-31	Oscar B. Wiiren Dapt	Relative to wireless station for use of submarines, offered by Lt Comdr Peter E Stogoff of the Russian Navy. W Fwd Ord--1/25
274948	1-16 6/12	Atl Spb Force for Coco Solo from	Request 2 1,000 kw radio sets for Div 1 of Sub Force. W To--1/25 To S&A--Reqd shipt of trans sets from NY to Coco Solo. 1/26 To S&A--Reqd shipt of avion control boxes from Wash. to Coco Solo. 1/26 Wash. to Coco Solo--1/26 Avion control boxes - feds prints Avion control boxes - dimensions - W
276875	1/24	Cutting & Washington	
276351	1/25	To Boat	C. G. Gallagher, Leco Co. Re visit of to Boat Yard for inspection and repair 2 KW radio trans sets for use on submarines. W

SUBMARINES: RADIO.

Number.	Date.	From or To—	Subject.
✓ 234455	6/19	Marconi Co	Quotes price on 1/2 kw panel sets; submarine type.W
234745	6/19	C. H. Bickell	Request loan of certain apparatus in connection with experimental work for submarine wireless apparatus; writes in behalf of Tidewater Oil Co and request Mr. Moritz be allowed to erect antenna and conduct experiments.W OVER
To — 7/1 To — 7/10 NY copy of report on visit to office Moritz in conjunction with Dept of Justice 7/10 To — 7/12 To NY — 7/12 C.H. Bickell relative to double check Moritz experiments 7/27 To — 7/30 To — 8/3 To Nav. Com. — 8/3 To NY — 8/3 To Lard			To — Gives action on reqt. 6/21 To NY — Lists apparatus auth loaned temporarily. 6/22 To Nav Com. — Rec carefully scrutinize work of Mr. Moritz and his associates 6/28 Communications reports Tidewater Oil Co authorized to use antenna 6/29 Bickell awaiting authority from Communications 7/6 Type plans of antenna for use in submarines equipped with 2 h.w. radio sets. Have developed standard method of installation. Fwds appvd prints. W
✓ 239112	7-11	Bost	Flame proof hand key developed for Submarine radio transmitters; fwds Vandykes.. To — Comments on 7/23 Bost 8/15 Bost fwds prints 9/7 To Bost — Appvs design 9/28 Bost fwds vandykes 10/14 Bost 10/24 Bost submits report for N-4 to 7 7/20
231331		CARD 10	
240324	7/18	Bost	Confirms telephone call relative to changes in submarine plans.W

907 SUBMARINES: RADIO

Number.	Date.	From or To—	Subject.
226720	7-30	To Atl Fleet	Atl Sub Force finds copies of letters on radio receivers for submarines. 7/11
✓ 242300	8/6	To NY	Experimental two conductor submarine radio entering insulator. Directs prepare apparatus for shi t to New Lond. W To New Lond.—Gives action. 8/6 To S&A—Reqt shipt of submarine entering in- sulators from NY to New Lond. 8/8 To S&A—Reqt shipt of Radio set from Wash to New Lond. 8/8
234745	8/21	OVER To NY—8/21 To C. H. Bickell—8/21 NY all material returned. 9/12	C. H. Bickell relative to status of test 8/8 To Manhattan Elec & Tel Co—8/9 To C. H. Bickell—8/9 Bickell does not desire further experiments made 8/17 Manhattan EL & Sup Co 8/17
✓ 243696	8/13	Cutting & Washington T	Submarine antenna: request maximum and minimum capacities. W To—(T) Gives infor reqted. 8/15
✓ 245360	8/23	To Sub Force	Report on alteration made by British H-class submarine built at BR. Fwds letters in connection with. W Submarine Force 9/4 To Atl Sub—9/25

SUBMARINES: RADIO

Number.	Date.	From or To—	Subject.	
✓ 223606	4/17	Boston	Standard plans radio installation on submarines W-	
		C&R states have been fwded to	To via C&R--Gives action. 5/1	
		Bost. 6/6	To Phila--Fwd. standard plans with comment.	
✓ 224241	4-20	To--Rect Vandyke of standard antenna	Best plans of radio apparatus on Dutchland	
		4-20	be fwded in connection with making up a	
			more satis type of antennae. W	
			To Nav Intell--Sent full description. 5/8	
			May Intel fwds register on German	
			submarine radio sets 6/9	
225189	5-2	Director Com Service	notes later from CO Submarine Force	
			stating impossible for submarines to use	
			radio; rec use of submarine bells.	
			Have informed commander in Chief to	
			knowledge of such orders.	711-3
✓ 227084	5/8	To Post	Ask prospective date for fwding standard	
			plans of radio installations for subs. W	
			Post request action on plans 5/24	
✓ 230205	5/24	NY	E-I; reports receiving long distance mes-	
			sages; gives description of apparatus. W	
230691	5/26	Atl Sub Force	Recommends development of receiver for	
			submarines covering wave length from 100	
			to 10,000 meters. W	
			To--Gives action taken. 7/16	

SUBMARINES: RADIO. 907

Number.	Date.	From or To—	Subject.
230788	5/28	To Sub Force via Atl	Elit Underwater radio experiment. Lt. Lowell will be ordered to Bu in connection with next tests of between submarines be held at an early date. W
✓ 231331	6/1	To Yards NY fwsd drawings 6/16 Now states have no drawings 6/15 To Bost--instrns re giving matter further consideration. 6/19	Plans of radio installations on subs. Next blueprints covering. W Chasn no plans have been prepared. 6/6 Bost fwsd print 6/9 Phila fwsd plan 6/12 Bost fwsd print 6/11 Fwsd print of flame proof hand key for submarine radio transmitter developed at Bost Yd. W for 1-2-5 kw set. W To--impro drawing with change. 6/7 Bost fwsd prints 6/19
✓ 231723	6-1	Bost p	
✓ 231724	6-1	Bost	Fwsd p. int of flame proof hand key for submarine radio transmitter developed at Bost Yd for 5 kw sets. W
✓ 232193	6/7	To C&R	Radio room on Sub 106. Lists requirements for room. W C&R asks if in position to reduce size of radio rooms. W 6/17
✓ 232939	6/12	To Bost Lake 6/25 Phila reports certain prints missing 6/26 To Lake--Fwsd Vand. Me. 6/30 To Phila--Ditto. 6/30 To Ports-- To Lake--Fwsd drawings. 2/19	Fwsd plans of type plans for details of antenna lead in tube on submarines equipped with 1/2 L. W. radio sets. Are standardized. W To Inspre--Ditto. 6/13 C&R states C&R plans were fwsd as reqtd. 6/19 Lake 1-17 To PS. Fwsd v. sketches of plans to be fold. in m. off. & install. antenna lead in tube. 6/19

CARD 11

SUBMARINE: RADIO

Number.	Date.	From or To--	Subject.
213678	2/6	To Bost	Radio telegraph--Standard install plans for submarines. Directs prepare standard plans showing install of transmitters and details in general of entering insulator layout. W Bost will submit plans March 23rd 3/17
213685	2/6	To C&R	Radio telegraph--Standard plans for subs. Reqt Vandyke of drawing #51814 be fwded to Bost to assist in this work. W C&R copy of instructions to Bost 2/10
214382	2-5	Cramp Sons.	Submarine radio equipment; developed by the Submarine Wireless Tel Co. Fwds specs and request further investigation; can communicate from shore to submarine while submerged or between 2 submerged submarines..
215826	2/24	To Asiatic Flt	Asks whether either radio transmitting or receiving equipment is recommended for installation on submarines of the A or B class. WRB6-4 Fwd Lett--6/7 RB 5-12 Asiatic Flt 6-45
215959	2-26	To NY via C&R	Radio telegraph--Entering insulators for fleet submarines. Fwds plans, and directs prepare reqn for purchase of 25 each of.
223429	4/17	Marconi Co.	Reports on result of test of light voltage control rheostat for 1/2 K. W. submarine sets W

911

SUBMARINES: RADIO 907

Number.	Date.	From or To—	Subject.
217525	3/10	To Dept via C&R	Rec experimental install of short range radio transmitters on two "C" Class Submarines. W To Dept via C&R—Rept re 1y. 4/9 R3 4-26 All Sub Flid recommendations re installing radio sets on C class 4/12
218609	3-15	Boat	Flame proof hand key; fwsd plan. W.
219452	3-22	Boat	Request type of apparatus and manufacturer who will supply for fleet submarines and coast submarines L-5 to 107. W To—Gives assignment to submarines. 2/29
220775	4/3	To C&R—	Radio apparatus for use in submarines. File law, lists and blueprints from E. J. Simon of content. W R3 4-11 To E. J. Simon—Referred to C&R, who advised not suitable for submarine installation. 4/17
221299	4/5	To Cutting & Washington	Ask if can undertake design of small size 2 K. M. radio set for sea-going submarines. W To—Rept reply to above letter. 4/30
222359	4-12	Marconi Co	1/2 kw sets for submarines; note adjustments for. W
222663	4/14	To Norf	Radio set for submarine not sent 1 kw small set. Will be sent when set is received for installations. W

SUBS. RADIO;

1914

Number.	Date.	From or To—	Subject.
191076	6-24	To Atl & Pac Tor Flo.	Reqt recommendation as to size of sets which are believed most suitable for these vessels. W
✓ 192156	6-27	At Sub	Radio spares for; submits list of those to be carried on board and those on tender. WR
✓ 191805	6-30	To Yards-Inspcs-Flts.	Radio installation on submarines; gives requirements for; modification of letter 190348-907. W To C&R—Fwds copy above circulars; reqt suggestions for next issue of instrns 7/13
191803	7-5	To NY Via C&R.	Radio telegraph; fitting for entering insulator; reqt sample be constructed and tested at yard. W RB 9/5 To N.Y. report progress 8-23 Fwd C&R—Noted. 9/12
✓ 194082	7/6	Marconi Co	Asks report on 1/2 kw sets furnished for use on submarine. W Fwd NY—For rec as to reply. 7/22 RB 8/4 To Co 8/26
✓ 194668	7/25	Bost	Line voltage regulation. W
195884	8/8 8/8	NY C&R	Fwds print of arrangements for under water radio experiments on K-2. W Fwd C&R—Noted. 8/11

SUBS: RADIO 907

Number.	Date.	From or To--	Subject.
204302	11/2	To NY	Rect vandyke and white print of drawing specns for flexible insulated wire suitable for portable antenna and antennae on subs. W NY fws sample 11-10
204605	10-25	Pac Flt	Radio sets for submarine s; recommendations re size. W
204618	11-3	To--Appvs Bost	est. 4/4 Bost Lates 12 keys will be ready May 10th. 4/13 Submarine radio transmitter. Flame proof ket: fws report. W Bost fws plan 3-28
	11-3	To--Gives modifi to be made in drawing. 2/14	To--Comments on. 12/19 Bost reports on test of. 1-18 Bost estimates were held up waiting approval of standard contact for keys for 1/2 kw sets 1/26
	11-3	To--Directs fwd H.J. Simon copy of corrected drawing. 2/26	To--Directs advise Bu when keys have been manu'd. 4/7
205456	11-9	At Flt	Submarines; criticisms of standard plan and allowance list. W
209192	12 9-15 12-15	Exp. Raide Ade Rice M. Is	Telescopic masts for submarines; Yard submits estimate of cost and recommends autho in tallation be made on E-Boats W to M. Is--Ack receipt with thanks. 1/12 fwd CAR-- 1/12
209647	12-16	M. Is	F and H boats; 1/2 kw radio sets; estimate for rebuilding Marconi panels for. W To--(T) Auth work. 1/8
211089	1/2	M Is	Antennas for submarines; recommends No. 4 be assigned to H-2 in lieu of H-3 and as- signment be made for E-2-3 and H-1

898

SUBS: RADIO:

Number.	Date.	From or To	Subject.
187368	5-10	To Bost-NY.	Radio installation on SUBS; recd state- ment and drawings showing latest details and methods as recommended by Id. W NY recommendations and prints; fwds 5-19 Bost fwds plan 5-19 Bost ~~fwds~~ print showing apparatus installed on Lpboats 6-2
187887	5-15	To Sub Flo.	Bu has requested orders for W.E. Chadbourne Exp Ert Radio Aid from Bost to Flo Comdr for duty in connection with submarine radio installation. W To Bost--Notifies of reqt for orders: 5/15
188012	5-16	To Atl Sub Flo.	Underwater radio experiments; directs experiments be made to endeavor to effect radio communication between submerged submarines; asks which boat will make tests. W At Sub K-2 designated 5-19 To K-2 via Sub Div--To NY via C&R--To Atl Sub Flo--Instructions 6/1 Memo relative to radio for submarines. W
188090	5-12	To Atl Sub Flo K-2 fwds sketch 6-15 To Atl Flt-K-2--Direct tests be arranged. 6/28 To Dept--Recd orders for G.H. 28 Clark and T. Chadbourne for, 6/28 C&R App Not Recd 8/11 To K-2-8/12 Clark, GH	
188330	5-10 5-18	Marconi Co C&R	Telescopic mast Morse type for use on. W Fwd C&R--Comments on: 5/22
188770	5-22	At Sub To Bost--Instrns. 5/26	Standard radio installation; asks if standard plans have been developed. W To--Not yet developed 6/21 Atl Sub Asks if plans developed 9/19 Fwd Bost--9/26RR 5-24 Re quest authority for M. Simon to furnish photos submarine radio app. W To--Disappvs: data confidential: 6/7 Co next action, explains 6-17 To--Disappvs: 6/22
189662	6-1	Experimenter Pub Co To Simon--Recd photo of appa- ratus be not taken 6/22	
190095	6/6	Pao Sub Flo R	HClass; request change in radio installation to provide permanent deck mast 10' high 42V-6

SUBS: RADIO. 907

Number.	Date.	From or To--	Subject.
190334	6-1	At Sub Personal	Relative to radio apparatus on submarines; test of underwater radio ,etc.W
189804	6-8 H-1 1, 20	To Atl Sub Flc.	Reqt certain data with sketches on radio installations on SUBS. W E-1's sketch 6-18 K-5 6-21 G-4 6-21 D-1 6-19 D-3 6-21 G-1 D-2 L-4 L-1 L-3 G boats 6-27 INTREPID & Boats 6/29 G-2 7/17 K-3 4-7-8 7/26 E-1 fwds sketch 7-29 H-2 1/18
190251	6-8	To Bost.	Line voltage regulation; reqt comment and rec regarding rheostate so that they can be standardized and added to standard plans.W
190348	6-10 Fwd FR-- 7/22 RB 7/28 Bost reql action 9-27 To Bost--	To Yards-Inspcs. Gives action on. 10/16	Gives general requirements for installa- tions of radio equipment on new SUBS. W Lake 6-20 New London reqt detailed plans and radio exper- aide to sent for conference 6-21 To Bost--Makes correction in letter, 6/28 Bost request that Elec Boat Co be instructed to submit sketches to Yd W/12
191638	6-17	K-5	Reports on radio installation with sketches in connection with general plan.W
191638	6-17	K-2	ditto

SUBS: RADIO.

Number.	Date.	From or To—	Subject.
170470	11/6	To NY	Authorizes Yard to assist Mr. E. M. Rave in the development of submarine radio apparatus, experiments to be made at yard 711-3
173148	12-3	Boat	Fwds plans.W.
173474	?	?	Report on Moor's pneumatic telescopic mast for radio on submarines. W
173915	12-10	NY	Reports on development of insulator fittings for radio rat tail leads in submarines: Fwds plan showing proposed application to boats.W To via C&R--Advise recommendations submit estimates covering installations. 12/80 To C&R--Fwds corres on. 12/20 RB 12/24 To Rept. Plan of standard plan for radio rattail trunk and hull insulator be prepared. 2/19
178658	2/3	COLUMBIA	Personal; reqt Marconi wave meter for use in connection with keeping up sets on SUBS 167-6
178925	2-5 2-10	NY G&R	GLASS: rat tail insulators; submits Hull estimate for installations.W To NY--Reqt print of radio insulator. 2/19 NY fwds print 3-1 Fwd C&R--Reqt alterations be made. 3/4 RB 4/10
179240	2/16	To Atl & Pac Sub Flot	SUBS; have requested shipment of radioaution receiving apparatus for; reqt report on after thorough trial 898

907 SUBJ: RADIO:

Number.	Date.	From or To—	Subject.	
179818	2-23	To Bost.	Gives correction to be made in submarine radio plan RB 7F 106B. W Bost fwds corrected copy no date To—Gives correction in insulators. 5/24 Bost fwds 6-5	
180987	2-24 3-7	Panama Canal Dept	Capt W.V. Pratt recommends all submarines at station Naval Panama Canal be fitted with radio. W Fwd Dept Via C&R--Comments on. 3/13 RB 4/14 Fwd Dept Via C&R--Proposed arrangement satis to Bu. 3/19 RB 5/13 Fwd Dept-6/13 To Capt Pratt--Have auth installation. 4/19	
181037	3-9	To Submarines Atl & Pac Flts. Fwd Atl Sub Flc--For comment. 6/8 RB 6/15 To Bost--Make no further efforts to obtain flame proof covers. 6/19	Calls attention to the possible danger of gaseous explosion due to spark from the radio transmitter when the latter are not well ventilated. W At Sub Flc instructions issued; recommend enclosing radio apparatus 3-17 C-2 3-19 Fwd NY-- 4/11 RB 6/5 Fwd Dept--Rec publication in general order. 6/21 1/2 kw sets for; enclosed; request officer be detailed to examine sample set at company's office. W Fwd NY--Directs examination of. 3/31 RB 4/18 To--NY will make examination. 3/31	
182522	3-23	Wireless Spec W Co	Fwds quotation re method of rigging radio masts on german submarines. W	
182953	3-27	C&R		
179283	3-2	TO Bost	Boston assigned experimental work and development of	305-5
184858	4/8	NY	E-1; telescopic radio mast; fwds sketch proposed	401-6
185722	4-8 4-24	NY C&R	Telescopic radio mast; fwds print and corres relative to installation on E-1 W Fwd C&R--Rec E-1 be equipped with. 5/15	

1915

SUBMARINES: RADIO

Number.	Date.	From or To—	Subject.	
144136	12-23	E-class	Recommendations for. W Fwd C&R-- Comments on. 1/16 #1-25	
✓ 145337	1-9	H-3	Report on with recommendations. W To Via Tor Flo, Pac Flt-- Comments. 1/27	
✓ 145748	1-28	DeForest Co	Radio equipment: ask for specs covering latest installations. W To-- Fwds: 2/4	
✓ 146227	1-23	H-2	Recommendations for. W	
146767	2-26	4th Div. Sub Flo	Recommendations for. W Fwd C&R-- 3/9 0312 To C&R-- Arrangement salts. 3/15	
✓ 150023	3-13	K-4	Reports on operation of. W	
✓ 150024	3-13	K-3	ditto	
159152	5/E	Briar, L. H.	Telescopic antennae for use on subs; submit sketch	875
158933	7-3	To Atl Sub Div Via C&R & Atl Flt.	Radio installation on; reqt recommendations.	421-6
159244	7/7	To C&R	G-1: meeting submarines in connection with radio work; will submit recommendations from Sub Flo when rec'd	393-6

907 SUBMARINES: RADIO:

Number.	Date.	From or To—	Subject.
✓ 164578	8-30	To NY.	Insulator and fittings for radio rat-tail lead in submarines; reqt yard undertake work of furnishing; W
✓ 165500	8-4	1st Div At Subs	None of the Submarines in division able to receive undamped waves; C-class has no radio apparatus. W
✓ 167988	10-6	Marconi Co	New subs; asks if radio equipment will be furnished by Govt. W To--Will be furnished by Govt. 10/12
✓ 168369	10-11	Bost	Radio equip; fws tracing. W To--Returns with changes. 10/28 Bost fws revised plans 11/13 To--Acks. 11/20 To--NY will inform Yd changes in. 2/19
✓ 168428	9-30	At Sub Flo	Fws b/p. photo of German submarine showing radio installation; W recommends trial arpt be made on K class. W Fwd Q&R--worthy of trial 10/21
✓ 169398	10/21	Atl Sub Flo	Radio installation; subs; reqt plans developed Bost Yd be referred to Flo Comdr pending final approval. W To--Plans will be recd. 10/27
✓ 170034	11-1	NY	Radio rat tail lead in submarines; reports on development insulator and fittings. W Fwd Sub Flo Via Atl Flt--11/4 RB 11/11
✓ 170083	8-5 10-28	Merrill, Lt.R.T. At Sub Flo	Submits collapsible telescopic mast for radio. W Fwd C&R-- Noted, 11/6

1912

Number.	Date.	From or To—	Subject.	
✓ 82709	11-14	NY	Reports status of deliveries of apparatus for Subs. E-1 and 2. W To Clapp-Eastham Co. Advising. 11/15.	
82581	11/15	To Dept via S&A.	All new submarines will be equipped with radio.	497
✓ 83132	11-19	Clapp Eastham Co.	Reports non-return of detector from set furnished for test and repair investigation. W To---will be returned. 11/21. To At.Sub. Flo. Directs return to Co. 11/21. C-1 reports return of parts. 11-25 E-2 reports returning Detector to Wireless Spec. Co. 11-27. To---Detectors returned direct from ships. 12/4.	
84886	12/11	At.Sub.Flo	Test of submarine device. Submarine Wireless Co. being installed on E-1, will advise date when ready for test.	711-3
1913				
85830	1/9	To C&R	Reqs. insulators be provided for all	393-6
✓ 87025	1/9	To NY	G-1 and F-Class and all following submarines. Directs repn be prepared for a WIRELESS Improvement Co's set as that is only make suitable for SUBMARINES.	
✓ 87392	1-13	C&R 27002-E.2	Radio parts and fittings for: fwda sketch of those proposed for R class. W To---plan satisfactory; print ret. 1/16.	

SUBMARIN S: RADIO 907

Number.	Date.	From or To--	Subject.	
87738	1-15	At Sub. Flo	Fwds description. W.	
94134	3/25	Norfolk	C, D, E & F classes, MASTS & FITTINGS, fwds type plans for.	497
101527	7-14	Pfund, R.	Special .5 kw quenched spark gap sets for submarines;	876
102609	7/28	C&R	C-D-E and F classes; mast for radio; b/p	497
121299	4/1	To Mare Is.	Radio installations on F and H classes and on K-3, 4, 7 and 8; request estimates and plans. W	
125549	5/21	K-1	Reports on tests of Submarine Wireless Co's apparatus	421-7
132148	8/13	To Sub Flo. At Flt Via At. Flt. To Pac/To pr. Flo.	Installations on E-1 and 2, G-1 and 2/ K-1 and 2; request frequent reports of operation of sets. W Request same - F and H Classes. W To Pac Tor Flo-- Reot action. 12/2 To Atl Flt-- Reot action. 12/2 At Sub Flo-- Reot copy of prints 12-7 To Sub Flo-- Fwds copy of letter of 8/13.	12/12
137652	10/21	NY	Reduction in space occupied by radio	711-3
142485	12-10	H-1	Submarine radio sets; recommends. W Fwd C&R-- 12/22 rb/1	
143381	12-29	At Sub Flo	Radio sets for; suggestions. W Fwd C&R-- Fwds copy Bu's reply 1/7/41 To-- Suggests consideration of At Sub will recommend later 1-11	

Number.	Date.	From or To—	Subject.	
✓ 78031	9-12	Clapp Eastham Co	Quotes price on radio sets for SUBS; apply to those tested on E-1 and 2. W	
78066	9-13	Clapp Eastham Co	Recommends spare armature be provided with sets for submarines and quotes price. To --- has submitted reqn. for Subs E-1 & E-2 9/16 To-Fit. Bu. has made reqn 9/16 To S&A rect shipment of apparatus to Co. removed from E-1 & E-2 9/16 To--NY. instruction 9/16 reqn. return of receivers. 9-18 TO -- instructions issued. 9-20	
79199	9-30	Nav. Intel	Awaits report radio test on French Subs. W.	
78560	10/3	Fwd Dept	Re radio apparatus for submarines.	749
J 79768	10-7	Clapp Eastham Co	Reqt. formal contract to cover radio set for SUB E-1. W To---Reqn has been issued. 10/10.	
79932	10-10	NY T	Sets for SUBS; Clapp Eastham state have not received order for inductance couplings and spare armatures. To---Reqn has been made SE 118 10/11	

SUBMARINES: WT 907

Number.	Date.	From or To—	Subject.	
✓ 80332	10/16	To Wireless Impr. Co.	Radio sets for: Bu contemplates purchasing ten sets; asks if in position to bid. W	
6 80805	10-19	Wireless Imp. Co	Quotes price; can deliver 10 sets within 120 days. W	
80657	10-21	Wireless Imp. Co.	Objects to specs for sets for. W.	
✓ 80709	10/22	To Telefunken W.T. Co.	Asks as to ability to supply radio sets suitable for submarines; gives requirements. W	
✓ 80709	10-23	Telefunken Co	Asks what wave length desired. W. To---gives data. 10/25.	
✓ 81031	10-25	Telefunken Co	Quotes price, time of delivery and lists apparatus. W. To---Ack. 10/26. Telefunken makes appt. to discuss sets. 10-28	
81534 VOID	10-26	Porta VOID	Revised estimate on all work on Elec. Work. I	
J 81532	10-30	Clapp Eastham Co.	Reqt. return of apparatus submitted for test be expedited. W. TO -- has written NY 11-4 TO NY asks if were del to vessel. 11-4	
82443	11/12	Wireless Imp Co.	Panel sets for use in submarines, states understands are to be 1/2 kw.	876

SUBM. LINES: W.T.

Number.	Date.	From or To--	Subject.
58318	1/4 1/6	2nd Sub.Div. Norf	states can make rough set out of parts in store Norf. W To Norf. Regn. 64. JEVERY was approved Jan. 4th. 1/25.
✓ 58612	1/12	Telefunken	Quotes price of and suggests test of. W. To---ack. 1/23.
59630	1/25	Telefunken	are taking up matter with Crocker Wheeler and have ordered certain sample apparatus. W
✓ 60623	2-2	At. Torp. Flt	Re commands Battle wireless sets be installed on SALMON, SKIPJACK. W
63485	3-12	SKIPJACK	Reports on wireless experiments on and STURGEON of wireless apparatus installed by Clapp- Eastham free of charge: lwd's dia, ram or arr, etc. W
✓ 64078	3/20	To Clapp-Eastham Co.	1-K.W. quenched gap radio set; requests forward set to Bureau of Standards for test. W in connection with sets installed on board Subs E-1 and E-2). W
64668	3-25	Clapp Eastham Co	Will have 1 kw radio set for use on, will be ready for test in 2 weeks. W
✓ 68515	5/9	Clapp Eastham Co.	One kw rotary quenched gap; states are sending complete to Bureau of Standards. To---will test. 5/13.

SUBMARINES: W.T. 907

Number.	Date.	From or To—	Subject.	
69909	5-27 5-27	Shoa, John F Dept	Fwds patents covering device for communicating whether afloat or submerged: W To---(for Secy's sig) Ret Dept. Sec ba rer to C&R for investigation. 6/1.	
70116	5-29	Allen, Lt.A.M.R. BAILEY BELOW	Suggestions for. W Fwd C&R 6/6. R.B. 8-18. To Res. Terr. Group Fwds booklet plans of Hal. C-3 and C-4. BELOW	
70185	5-29	NY 855-2-6	6/14. C&R 8/15. reqst ret. of booklets. W Reports on C.M. Stienert's apparatus. W Fwd At. Sub. Flo for comment. 6/3. Ret. to To Lt. A. P. Stienert: device impracticable: gives reasons. 6/12. Ret---6/12. R.B. 8-1	
70917	6/11	To Dept	TOCOT asks when Subs. E-1, E-2, C-4 & C-5, will be available for tests in connection with Bailey & Stringham.	903
76558	8/15 8/23	STRINGHAM Expr. Sta. 2186	E-1 and 2: reports experiments with radio apparatus for submarines. W To Clapp Eastham Co. Fwds report. 9-6	
70116		SEE ABOVE	To C&R. Returns booklet plans. 8/24	
77232	7/9 8/19 9/3	At. Sub. Flo. Norf. C&R 27670-E.7	Subs of CLASS D: Recommendations fitting masts for wireless. Estimate and plans submitted. W Fwd C&R. no sets available 9/11	
77507	9-7	TO Clapp Eastham	Reqst. price covering sets on E-1 and E-2. 9-7	

907
SUBMARINES: W.T.

FILE No.	From or To (Dated)	Subject
✓ 28639 1/6	Waller, C.W.	Fwds drawing of patent Fwd 1st Sub. Div. for comment 1/11. R.E. 1/25 Not rec. To -- Cannot use 1/30.
✓ 37051 10/10 4/25	Sims, J.G. C&R 5841-A.4278	Invites attention to his system for use while submerged. W To Sims. Not prepared to criticize. 5/3.
✓ 46017 8/10	Wilder, Hon. W.H.	Reqt. reconsideration of J.C. Sims scheme for W To -- C. as resume on subject of submarine signalling. 8/11.
✓ 57088 12/ ?	Chas. M. Steinart	Wireless for Subs: has invented wireless buoy which when released from boat, goes to surface of water and is in condition to send messages. W Fwd At. Torp. Flt. for comment. 12/29. R.B. 1-4 To -- Y to make arrests to inspect. 1/2. Fwd N.Y. instructions. 1/9. R.B. 6 1912
✓ 57591 12/30	2nd Sub. Div	Submits reasn. 61 for 9 battle wireless sets, suit case type furnished by National Elec. Supply Co. Reqt. approval. W. to At. Torp. Flt. Will prepare two battle wire- less sets for two vessels. 1/4. To SEVERN Each 61 disappd. 1/4.
✓ 57613 1/3	Nav. Intel	States French, will be fitted with. W
✓ 57904 1/6	2nd Sub. Div	Reqt. transfer of battle wireless from TALLAHASSEE to BONITA: renews reqt. for submarines. W To -- and C.O. Transfer approved. 1/8.



FILE No.	From or To— Date	Subject
653478	12/16 To All Insps mat Cc Comdt Wash	Low current circ it breakers- desired W Insr Pitts- Copy action to Elec. Controller Mfg. Co. 12/19 W Insr Pitts- Copy action to Testing House E/M 12/20 W Insr Pitts 12/22 Contractors request inform concerning relay W Insr Mass 12/22 W Insr Mass 12/26-R sts inform listed be furnished W Insr Pitts. 12/26 Copy action to firms W Insr Phila 12/29 wds letter from Cutler Hammer Co W To Insr mat G- Gives instrns 12/29 Modification of type CAC 1224 anti- capacity keys. Estimates covering W To Washm- Recoman appva 1/16/23
654570	12/21 Wash	
654943	12/26 Wash	Requests estimates covering cost of Manfg AM 60 hand keys, model TM set W

653478

from other side of card

To Insp'r mat Boston- Low current circuit
breakers- gives Inform rel W 12/29

To Insp'r mat Boston - Gives Inform 1/3/23

To Cutler Elec. Mfg Co - Gives Inform cc
Insp'r mat Anila 1/11/23

SWITCHBOARDS AND INSTRUMENTS RADIO

1922

Number.	Date.	From or To	Subject.
✓ 636782	8/12	To Cavite	Instruments for radio lab Cavite Fwds certificate W
639318	8/25	Norfolk	Request wiring diagram of 2 KW switch board. W To Norfolk- Fwds Vandykes 9/12 F To Norfolk 9/26 W.
635534	FWD FROM CARD 36		To Weston Elec Instru Co-Bu has not verified electrical constants of relay but has been inspected 9/2 W L. D. Joralemon- Requ st action 9/11 W.

SWITCHBOARDS AND INSTRUMENTS: RADIO

1922

Number.	Date.	From or To—	Subject.	
633660	from card 36		To Ports- receiver Protective Relay- rel inspection of cc Washn W To Washn- Disposition of relays cc Ports 9/14 To Ports- Rqsts relays be modified. 9/27 W cc Washn.	
644109	9/28	Diolite Prod. Co.	Fwds sample of Diolite Radio panel- request test be made W To-- gives instrns 1/8	
647067	10/25	Boston	Borts van dyke showing 10 KW radio relay key W To Boston- Fwds vandyke 11/1	

SWITCHBOARDS AND INSTRUMENTS RADIO

1922

Number	Date	From or To	Subject
625555	6/29	To S&A 406	Request shipment of instruments from Washn to Companies listed W S&A 2/5 Return of defective instruments to Mr. rs. Ask if shipment has been completed W Fwds 2/11/24
627231	6/9	To S&A 472	Request shipment of mat from Washn to S&A W
628398	6/15	Lowenstein	Antenna brake relays. Recommends changes in W To Lowenstein Radio Co- ALPVS changes 6/30 W Fwds Washington 6/30 W Washn. Fwds vandykes requested. 7/11 W
629313	6/20	Ports	Request vandyke of antenna brake relay be furnished W

SWITCHBOARDS AND INSTRUMENTS RADIO

1922

Number.	Date.	From or To—	Subject.
629073	6/23	To Gen Elec Co	Fwds Specens W rel ammeters W
632916	7/6	G. Lewis	Calls attn to new relay invented - request opportunity to demonstrate and have same tested. W Mr. George Lewis - Eng & inventor Nat'l Radio Chamber of Commerce 8/2 W.
633534	7/17	L. D. Joralemon	Request inform rel to using relay in conn with control of wave lengths. W, To Weston Elec Instrument Co. gives inform 7/21 L. D. Joralemon - Subm quotation. 8/12 W To Weston Elec Instrument Co - comments 8/28 L. D. Joralemon - Ask name of manufacturer of low current relay. 8/29 W. Type SE 3522 receiver and protective relays - request instructions cov repairs. W. To Washn Hdqts estimates cc Ports 8/4 Ports - Rqst auth return of all relays found defective at Washington and Ports. Yard. 8/29 W.
FWD FR CARD 37			
633660	7/19	Washington	
		card 38	
633498	7/21	To Washn	Wave Indicator - Appvd W

SWITCHBOARD RELAY BUREAU : 5 JULIO

1922

Number.	Date.	From or To—	Subject.
617499	1/4	To Forts	Rest latest revision of variables to submitted W Forts- Charging panel for sound signalling compensator batteries- fnds print. 2/13 W
612704	3/3	Mare Isl.	Request further inform rel to training type relay used by Radio Labr for Ray test To NY- Gives Inform rel Relays 3/16
612787	3/7	Bureau Standards	Subm quotation gov radio relay recorder. W To Dept of commerce- Regst bids on labor and material for manufacture of relays to obtained and Bu advised 3/15
613012	3/8	Anacostia	Bruce relay problem 131-B - report on test of To -M. Bruce- Regst price of relays 3/16

SWITCHBOARDS AND INSTRUMENTS 7-13

1922

Number.	Date.	From or To—	Subject.
605732	FROM CARD	34	To Inter. Stat 3E- no weight will be given tests 4/11
618978	4/17	S&A	Fwds pamphlets from Pacf. Elec. Mfg. Co. cov high tension switches. W.
619320	4/19	Washn.	Request auth to manuf type 3E 1305 rheostats- subm estimates. W.
623249	5/16	To Washington	Test of Allen Bradley Elec Co carbon rheostat W Wash 6/7 report on test of "Bradleystat" rheostats W To Allen Bradley Elec Co- Fwds bprint on test 6/30 W Allen Bradley Co. 7/12- Co. is developing filament. 7/12 W To Allen Bradley Co- Fwds report on test 7/27 W

SWITCHBOARDS AND INSTRUMENTS RADIO

1921

Number.	Date.	From or To--	Subject.
555236	3/25	MI	Details of telegraphone switch -fwds prints W.
555967	4/6	N.Y.	Fwds sketch showing 4 selector switch- 814 ask if Bureau has standard design similar to. W
568331	6/7	Washn.	Prints of amplifier transfer switch have been fwded to Bureau. W.
588641	10/3	Inspr Mass.	Request specifications cov radio starters for radio switch board. W. To nspr Boston- Fwds specms 10/6
592373	10/25	To SEA VOID 9058 SEP 1921	Request shipmt of amplifiers from Chasn to SO Washn W
592374	10/25	To SEA 9062	Request shipmt of instruments from Washn to company W

SWITCHBOARDS AND INSTRUMENTS RADIO

1921

Number.	Date.	From or To—	Subject.
✓ 593995	11/1	Ports	Request vandyke of lighting switch be To Ports— Fwds Vandyke 11/5
603955	1/12	To Natl Elec Supply Co	Has this date delivered to your Special Division for the City of New York Instrument Specimens for Navy Radio Apparatus W
✓ 604900	1/24	To Washington	Have this date delivered to your Special Division for the City of New York Instrument Specimens for Navy Radio Apparatus W
✓ 605730	1/26	To NY	Have this date delivered to your Special Division for the City of New York Instrument Specimens for Navy Radio Apparatus W
card 35			
✓ 607630	2/1	Washn.	Have this date delivered to your Special Division for the City of New York Instrument Specimens for Navy Radio Apparatus W

SWITCHBOARDS AND INSTRUMENTS RADIO

Number.	Date.	From or To—	Subject.
454341	10/27	Weston Elec. Instr. Co.	Radius of center of hole in flange of radio switchbd differs from Bureau print: fws print showing and asks if satisf. To Weston Elec Instr Co—radius satd 10;31.
457173	11/11	To N.Y.	Reqst fwd report of work done in repair of Thermo Couple Radio Instruments. W New York—Reports on repair and improvements on thermo couplings for radio ammeters. 12/2
477593	2/24	To Comdt Wash	Reqst fwd vandykes W Wash—fws vandykes of battery charging panel. 2/28 Wash—fws print of battery charging panel 3/15 W
478133	2/25	Washington	Recommends. NY Yd. suggestions cov re-location of radiation ammeters and standard battleship instrins be approved. W
480760	3/10	Washington	Fws copy of letter from American R/R Corpn Stating they are in position to develop a recording radio frequency ammeter. W.
483506	3/24	washington	Standardization of meters for tube transmitters—list types and ranges which will be required. W.
485500	4-5	To Comdt Washn	Fws prints. type plan for std switch knife blade for switchboard mounting. W

N.S.F. Form 134.

SWITCHBOARDS & INSTRUMENTS: RADIO

Number.	Date.	From or To-	Subject.	
486957	4/7 4/10	M. A. Simon	Request authority to purchase marconi send-receive switch from surplus material at New York fwd SEA 4-21	W
507392	7-26	To Washn	Reqt undertake research work for improvement of present tele. code, volium 78-A To Washn- asks status 8/17/21 Washn- Inv stigatation of improvement of telegraphones- re. ort cov with sketches. 7/1- W 902 Estimate for battery charging panel Type DE 36020 W Ports- Subm estimate 9/11 W. N.Y.: submits estimates: 9-14: W	
515151	9-3	To Comdts IM's		
		Phil: submits estimates: 9-15: W		
		Chz-lester: submits estimates: 9-13: W		
		Kort- Subm list. 9/25 W.		
		Washn- 11/12		
515843	9/4	Bur Stand. Labr.	Design of switch for relector condenser fwd blueprint of contact maker. W.	
		Washn- Rv. revised sheets showing shunt condenser and its destroy.	To Bur Stds- 9-27	
		11/15	To Washn- 9-27	
		Washn. 12/1 W.	To Washn 11/17	
516124	9/7	GE Co.	fwd type 1442 send-receive switch. W	
515843	FROM ABOVE		Washington 12/4 W.	
541890	1/21	N.Y.	Ask if remaining distant control antenna and section desiminating switch shall be completed W. NY 2-18-21 N.Y. 2-14 To NY 3-14	
547043	2-19	To M.I. T	Return telegraphone control panel to Washn yard.	
	To M.I. T 3-1		MI-tel- ask if shall ship control panel for P.H.	
	MI 3/5 W		2/24 W	

SWITCHBOARDS AND INSTRUMENTS RADIO

Number.	Date.	From or To--	Subject.
440220	8/20	To General Radio Co	Fwds copy of specfns. W
441769	8:25	NY	Fwds drawings showing 10 kw spear type antenna switch developed at Yrd. W
440553	8:26	To Wash	Instruments for measuring temperature ord built. Wash Yrd. Recs instruc of measuring survey be deferred. 8:30
439445	8/29	To Firms	Asks comments and recs on citations from instrument spec and any other part of bulletin which in opinion needs revision To Firms asks comments 9/2 Roller Smith Co 9-12 gives info rqstd. Westinghouse E & M Co-Sub Co Engr's comments. 9:29 E.E.Co. 11/15

Number.	Date.	From or To—	Subject.	
445407	9-12	✓ Roller Smith Co.	Quotes price of \$35. for Thermo-couple frequency ammeters.	W
443694	9/15	To Cdt Phila	Req fwd report embodying resume of record kept at Ph of rejection of matters for radio equipment To NY ditto 9/15 NY - 9:54 Crd Cdt Washington 10/7 Washington 11-8	
445655	9-11	Brooklyn Supply Base	12 radiation ammeters shipt to Kirkwall via Cormorant.	W
449060	10:1	NY	Auxiliary switch for operating solenoid antenna switch, fws vandykes.	W
449564	10/1	Phila	Reqst vandykes to be used in con with instal of tel head sets, transf switch on destroyers.	902

SWITCHBOARDS & INSTRUMENTS; RADIO

Number.	Date.	From or To—	Subject.	
384454	From Card 28		To Elec Cont & Mfg Co—Approves use of hand starters, switches etc. To Mof-Report of suitability of test. 4:29 To Elec Cont & Mfg Co—definite info will be filed Jan 1 1920 Electric Cont & Mfg Co 9-17 States data not yet recd. to Electric Controller & Mfg Co—Not nec to assign type nos to two auto starter and hand starter mentioned 9/24 Elec Controller & Mfg Co 11-25 To Elec Controller & Mfg Co—fwds prints. 12-18	W
417451	5:8	Boston	Hand sending key, fwds prints and photos.	W
416915	5-13	To Fed Tel Co.	Reqst furnish Bu with specfns giving type and costs of suitable instruments for install at Cayey, Sayville, San Diego. W Fed Tel Co 5:15	
422029	5-28	GE Co	Reqst type number and ampere ratings designated as type CG-1327 - W To GE Co—Records show No-1327 has not been assigned to D C ammeter or other appr 6-3	
424929	6-13	To F E Gilbert	Reqst info re time of del and price of milliammeter - W F E Gilbert 6/14	

Number.	Date.	From or To—	Subject.
428902	6:26	Norfolk	Charging panels, fws prints.
430524	7/8	To S&A	Request ship be made from Ports to Radio Divn SE snap switches L
435177	7:23	West Elec Co	Clements will be in Wash 24th in con with switches.
440715	8:18	NY	Fws vandykes of report cov 10 kw antenna switch developed at ftd: W To Wash- ftd- 8:23 ,
440768	8:19	Deforest Co	Fws sample of capacity switch for test. W fwd Washington 8/29
Washington- Deforest Tele. Switch Forwarded to Bur by special messenger. 2/10			Wash - Subm report of test. 12/25 To Deforest 1/30 De Forest Co. 2/3 To Cdt Washington 2/7

SHIPBOARDS & INSTRUMENTS: RADIO.

30

Number.	Date.	From or To—	Subject.	
43680	3/17	To Insp'r Brook	Rest fwd for approv'l, sample of sending receive switch, and fws marking to be placed on package. W.	629
404162	3/19	Westinghouse E & M Co	Req interpretation of spec cov calibration of instruments.	
401242	3/11	To NY	Reqd info re switches being supplied under existing contracta for Navy spark transmitters for independ control of rotary spark gap motor. To Bos Ditto 3/11	898
404023	3/21	To Bost	Recommends requ re shipt of radio room panels to Phila ditto 3/2	898
405263	3/24	Phila	Permanent duty field discharges resistances, and switchboard defects brought out by test. To Phila— reqst Phila yard conduct tests 3-27 Phila— 5:5 To Phila— covered for incorn-rec letter of 3-22— 5-26	

Number.	Date.	From or To—	Subject.	
405267	3:24	Phila	Test of Roller Smith Co. watt meter and volt. meter, have no instruc in con with fwd sample. To MI.- reqst no further action be taken 4-3	W
407582	3:31	West Elec Instru Co	Thurmo ammeter. understands that location of hold down bolts to be changed, req vandykes and asks if new style only could be carried in stock. To- Will accept long present stock lasts, steps should be taken to mod 4-4	W
407707	4-7	To Spilitdorf Elec Co. To West Elec Instr Co- Fwds spec radio app. 4:28 Weston Elec Co - 4:29 To Roller-Smith Co- Error made in type number. 5:1	Instruments listed added to Bu's approved list- To Westinghouse Co ditto 4-7 To Weston Elec Instrument Co ditto 4-7 To Roller Smith Co ditto 4-7 To GE ditto 4-7 Westinghouse E & M Co- 4:12 Roller Smith Co- 4:19 Weston Elec Co- Reg spec. 4:13 Summits affidavit prepared by Sprague Elec Co and GE Co in con with delay in ship of switchboard.	W
409594	4:9	GE CO		W
NSA 552	4-8	To Insp Brook	Revisions of specs. W	

SWITCHEARDS AND INSTRUMENTS: RADIO

Number.	Date.	From or To—	Subject.	
✓ 384455	1:10	Ward Leonard Co	Fix resistance for operator's relay circuit, recs fwd cat.	
✓ 378737	1-15	To Lowenstein Radio Co	Type No. SE 1499 assigned to 1/2 KW lighting switch and shall be included on name plate	W
✓ 387912	1:22	Roller Smith Co	Req infor in con with washers, arrangement of locker washers on instruments. To— Give correctives reasons for this arrangement 1-28	W
✓ 387700	1-25	To Tawing Instrument Co	- Ask receipt of catalogue	W
✓ 388899	1-27	To Firms	4-3/8" line of instruments for radio app on Bu Spec B. 134-135 C approved To Splendor Steel Co- ditto 1-30	W
✓ 389973	1:28	Ward Leonard Co	Fwd bulletin describing battery charging rheostats.	W
385800	2:5	Fire Isl	Copy of letter to Phila stating radio compass being shipped.	

SWITCHBOARDS & INSTRUMENTS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 391482 specifns	2/4 3-8	To Ward-Leonard Co.	Regst. that Co. submit for test sample of rheostat built in accordance with specifications W Ward Leonard Co - Sample will be fwd within 6 days. W 2:8
		Wash-Sub report of test of battery charging panel sub by Ward Leonard Co. - 5:3 To Wash- reqst further test be made 5-13	To S&A- Rost Ward-Leonard be furnished with Govt S/L covg sampt of 1 rheostat 2/15 W 2:8
395449	2:7	MI	To Wash DC- Re checking of sampt 2-25 To Ward Leonard Co- sample conforms to Reg infor as to type and size of bat resist. for vacuum tube bat cont switch. To Wash Is- re vacuum tube battery control panel type SE 3554 - 2-28
395952	2/18	To Chf Nav Opr	Re installing Master Control Switches on 771-2 Merchant Vessls- Su rec matter be again brought to their attention for definite action: 2/18 S&A- Copy of let to Ward Leonard Co req ret bill of lading for cancellation. 2:28
396459	2/20	To Host. (T)	Advise number relay keys. Boston-Relay keys not rec. 2:21 Tel To Boston T 2-25 Boston-T-Relay keys, gives number on hand none due on cont. 2:27
396933	2:20	Norfolk	Req disposition of 30 kw distant cont arc spark transm from sketch devel by Norfolk To Norfolk- asks make thorough test of switch W 3-25 To Phila, re a/c 3-25
401766	2:8	GE Co	Norfolk - 3:29 Req bill of lading to cov return of ammeter to Washington and after repairs are completed. W To G.E. Co. 3-15 Request return of hot wire ammeter GE Co-Req order cov ship of ammeters, to Lab Washington. 3:28

Number.	Date.	From or To--	Subject.	
34708	12/10	Pug 9d.	Fwds report of defects found during inspection of radio boards. S.	829
378011	12/17	To Wash Yd.	Reqsts manufacture one battery charging switchboard. W.	876
276737	12:18	NY	To Lowenstein Co- fwds prints 1/7/19 To NY- recst sample of switch be mfg and test made or same 1/7/19 Lowenstein Radio Co - 1:9 to NY- Approves design of 1/2 KW lighting switch- gives type No 1-14 To-- In re above 1-14	
384454	1:10	Elec Cont & Mfg Co	Req authority to sub for approval 2 kw starter and hand starter. W	
Seg. Card 31	1:26	Elec Cont Co- Fwds wiring diagram showing con of automatic starters. W	Elec Cont & Mfg Co-Req authority to sub starter for test. 1:20 To Mfg. Repts that above app be tested and reported on 1-30 To-- Auth to forward app 1-30	
		Nori- Fwds report of suitability test of 2 kw equip. sub by Elec Cont & Mfg Co. W 4:14 Elec Cont & Mfg Co- reqst additional copy of report. 5:2		

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DATE RECORDED & INDEXED: 1918

Number.	Date.	From or To--	Subject.
381117	12:28	GE	To GE Co- asks have rep call 1/4/19
383142	12:28	Roller Smith Co	Req fwd copy of spec cov instruments for radio set. W
383672	1:1	3rd Dist Com	Req shipment of radiation of ammeters for vessels of 3rd Dist be expedited. Westinghouse E & M Co-Can furnish three meters for sig carrying case. 1:20
383142	1/9	To Roller Smith Co.	Fwds 2 copies of RE 134 2550 specifications covering instruments for radio communication apparatus. W.
381711	1/9	To COMUS.	That the specifications for the radio set be forwarded to the radio set manufacturer for their consideration.

SWITCHBOARD & INSTRUMENTS: RADIO

Number.	Date.	From or To—	Subject.
✓ 364305	10-29	Wireless Spec Apparatus Co	Fwds set of data of all rheostats and all forms of resistance. W
365417	11-6	To Chief Signal Officer	re modification of specs on instruments for use on Radio apparatus W To Firma, correcting specs 11-8
✓ 367116	11-13	To Westinghouse Elec	Re error in specifications W
✓ 368328	11-14	Taylor Instrument Co	Rqst supply of catalogues and prices on temperature measuring and recording apparatus W To— Rqst catalogues and prices 11-23 Living Co- This date 11:29
✓ 368329	11-14	Stand Thermometer Co	Rqst catalogues and prices on thermometers W Standard thermometer Co-fwds circular describ W
369152	11-18	To Federal Teleg Co	Re elimination of ranges of instruments & comments W Federal Co- Rq action 11:19 Fed Tel Co- This date. W 12:7
✓ 370066	11-20	To Phila Roller Smith Co-fwds copy of schedule of Mfg Co 2:13	Asks reconnection of potential leads of wattmeters on standard Navy Radio Switch W boards covering points listed To RS Co- 3-4 To RS Co- 3-4 Roller Smith Co. Submits rep. of Watt Meter connection 12/13 To TSNR both- re Rqst Roller Smith Co expressed to insure paint to radio cabinets 3-4 To RS Co- re above- 3-4

9541

RECEIVED & INSTRUMENTS: RADIO

Number.	Date.	From or To—	Subject.
349401	9:14	Phila	Fwds prints, receiver transfer switch.
✓ 349286	2/17	To Palmer E. M. Co.	Re td. fwd. catalogue & spec. literature. W Palmer E. M. Co—Fwds literature covering switches. 9:21
31-1-1	9:6	NY	Re: 1-1-1 and receive switch & more to lists abstract form E. M. W. 528
351289	9:21	W O Tel	Asks if motor generator in radio panel shall be removed, and installed in engine room panels
✓ 55315	1/27	To Stan Elec. Co.	Re: 1-1-1 and receive switch & more to lists abstract form E. M. W. 528
354777	10:2	NY	Charging panels type SE 839, reports wrong markings on, fwds prints. W
351522		See CARD 25	To Weston Co. States will have contract for 1-1-1 and receive switch & more to lists abstract form E. M. W. 528
SME CARD 27	New York - 11:8	To Firms— Will require all thermocouples be applied with thermo elements to permit repair in event of burning out 11-20	Re: 1-1-1 and receive switch & more to lists abstract form E. M. W. 528
335904	10:18	NY	Re: 1-1-1 and receive switch & more to lists abstract form E. M. W. 528

Number	Date	From or To	Subject
332027	7:30	Phila	Modifications of Marconi receiver switch, fwsd prints with comments.
332029	7/27	Phila	Report on construction of antenna switch
332532	8/3	To Films	Repts. report on change in construction of
See	To Ind. Elec. Co. re failure of		West Elec Co - fwsd prints and detailed report W
CARD 26	West E & M Co-Sub infor re new		West Elec Co- action 9.13
	price on apparatus. 9.25		To Boston. States that NY has reported
332070	NY-fwsd reb of radio fre. failure		favorably on modifications. 9/9
332070	7/2	To Marconi	
332071	7/4	To Phila.	Phila. 8:14
332072	7/6	To T. Co.	GE Co 8/10 - Will send Executive Bulletin
335259	8:6	Marconi Co	Sub information in connection with redesign of type I antenna switches.
			New York - Reports on defects W 8:22
			To Boston. States that NY has reported
			favorably on modifications. 9/9

SWITCHBOARDS & INSTRUMENTS: RADIO

Number.	Date.	From or To—	Subject.
✓ 335680	8:7	Westinghouse E M Co	Best information as to specification of instruments for radio use fwd. W
✓ 340145	8:20	West Elec Co	Spec of radio instruments, amendment will be taken up in Washington. W
✓ 344653	8:30	Inspr Brooklyn	Ward Leonard Co shipped 38 rheostats which should take care of London requirements. W
✓ 345436	9:4	Fisher Chase Mfg Co	Fwds descriptive pamphlet showing tubes and reconnecting switches. W
346434	9:7	New York	Fwds photo ground switch. W
338904	SEE CARD 26		

SWITCHBOARDS & INSTRUMENTS. RADIO

Number.	Date.	From or To—	Subject.
325295	7:10.	Philadelphia	Sends copy of report of test in signal pole, switches and rheostats. W
✓ 324741	7/11	To Weston Elec. I. Co.	Reqs. to honor order of Simon. W
✓ 325477	7:3 7:10	Radio Apparatus Co New York	Requisition covering remotes controll antenna wire, request authority. W
✓ 326146	7:12	Cutter E M Co	Sends list of radio circuit breakers ordered. Ordered 7:14
✓ 325121	7/15	To Driver-Harris W. Co.	Asks to do utmost to meet promised del. date. W Driver-Harris Co. 7:18 To Roller-Smith Co. Driver-Harris Co. promise to ship 7/25. 7/24
325844	7/15	To NY	Encl. copy of let. re installation of switch-boards. New York - Request yardages. 7:26
326820	8/13	To Marconi	States that let of 7/31 was re defective antenna switches

SWITCHECKARDS & INSTRUMENTS: RADIO

Number.	Date.	From or To—	Subject.
✓ 326371	7:12	Norfolk	Cutler Hammer finds report of suitability test of. W
✓ 326820	7:11	Phila.	Sub report of defective antenna switch shipped to Cramps Co for destroyer 113 and 118 W To Marconi. Re complaints from V. N. Y. re defects in antenna switches. 7/19 To NY. Re. Co. of I. T. to Marconi of 7/19. 7/19. To Marconi. Asks that it be taken to Marconi Co. - Tel. Letter of 7/31 not rec. W
✓ 328474	7/22	To Rad. Apparatus Co.	
✓ 328487	7/22	To NY	Author. to purchase 20 sets of remote control eqt.
331292	7:22	Phila	Confirms tel conversation in connection with kind of delivery of masts switchbox. W
331078	7:28	Second Dist	No charging panels available for radio ship installation, request specifications covering

SWITCHBOARDS & INSTRUMENTS: RADIO

Number.	Date.	From or To	Subject.
✓ 318863	6:19	G E Co	Two letters fwd drawings covering various circuit breakers. W
✓ 319576	6:22	Condit Elec Mfg Co	Air circuit breakers will be shipped to Philadelphia 6:24 for test. W Condit Elec Co 7:10
✓ 316347	6:21	Trumble Elec Co	Fwds vandykes. W
✓ 317909	6:19	To Marconi	Fwds blue print copies of specifications. W
✓ 317910	6:19	To Walker Bros. & Haviland	Fwds one copy of specifications. W

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SWITCHBOARDS & INSTRUMENTS: RADIO

Number.	Date.	From or To—	Subject.	
317011	6:21	To Firms	Re revised specifications on switchboards and radio frequency meters. Spilldorf Elec Co. - Fwds Specification prints, etc. W 6:28 Western Elec E & M Co. - Fwds specifications. W 6:29 Weston Elec Instr Co 7:25 Weston Elec Instr Co 7:25 Weston Elec Instr Co 8:14	
322238	?	?	Reqst approval of their type K-2 air circuit breakers. W	
321751	~~EX-228~~ 6/28	New York	Received switch type submitted by Marconi Co not considered. W	839
312456		See card 22	To Brook. Gives list of companies who have rec'd defective Weston meters. 7/2 Inspr Brooklyn - 7:5	
321920	7/2	To Phila.	Rents. 3 vandykes & 3 blue prints? W Fwds prints - 7:17	
323784	7:3	Phila	Fwds prints of radio switchboard.	
325769	7-10	Boston	Confirms tel c nversation relative to master control box and switches.	876

[OVER]

Number.	Date.	From or To	Subject.
511936	5-19	Cutter Elec. Co.	Fwds blue print showing single pole overload switch no voltage circuit breaker. To Cutter Elec. & Mfg Co- 6-7
See card 23			
		Western Elec Instr. Co.	Submits report on condition, strike threatened about 5:15 E J Simon - Fwds copy of rejection report. W 6:11 6-15 Roller Smith Co ask when will go to Beth 6:11 Sub. report on condition, strike threatened about 5:15 6-15 To Wireless S.A.Co. Roller Smith Co. promises expedite dls. 6/27 Ask if Bureau can furnish underload breakers for use in constrn of improving charge panels - W To 9th-10th & 11th Dists-in re above-6-7
512647	5/31	9th Dist	
513511	5-7	T Lowenstein	Request authority to alter size of switchgear shown in sketch To Lowenstein Above Ref. 7/7/15
516447	5/17	25 Tr. Bull. E.Co.	Western Elec Instr Co. states instruments on Sims order did not comply with specifications. W 6:7 To Western Elec Instr Co. re: order for 100 units 5/15 Western Elec Instr Co. reqs at least 60 days before making first delivery on order. W Fwds blue print copies of switch. W

SWITCHBOARDS & INSTRUMENTS : RADIO 900

Number.	Date.	From or To—	Subject.
✓ 313230	6-6	To Insper NY Ship	Battleships 43 to 48 inclusive interior communication switchboard will issue new type plan- L To Insper IN Ship Co- Ditto-6-6 To NY- Ditto-6-6 To Mare Island-Ditto 6-6
✓ 313352	6/5	William Bros & Haviland	Sends copy of letter to Radio Laboratory, while in connection with tests of rheostats and clapper switches stating give no form with specifications covering - W
314352	6:5	Boston	Confirms tel conversation, reqts authority to remove hand operate antennas switch from destroyers and install heavy standard switch. W
✓ 313564	6-7	Tom Condit Elec Mfg Co-	Further action is withheld pending results of tests of several breakers-W
313560	6-8	To Brooklyn	Radio tel low voltage breakers for battery charging panels --reqst report submitted to Bureau
✓ 314370	6-12	To Allen-Bradley Co	Plans in connection with rheostats will be submitted for tests W.B.
✓ 315451	6/10	NY	Distant control switch being designed at NY-ask if pa wishes work continued. To NY-ask if pa wishes work continued. To NY-ask if pa wishes work continued.

Number.	Date	From or To--	Subject.
305869	5/10	Walker Bros & Haviland	Rest arrange for test of automatic radio starter at Radio Lab Norfolk. W
304512	5/6	Belmar	War reception at Brown Harbor and Chatham-- submits report.
307049	5-16	To Phila	Switchboard Notes--Rest views latest type-W Phone call. Motion for 8 it. Phila. 5/16
307147	5-17	To Phila.	Rests test of Clapper Switch for use on standard radio panels, W Phila 5/16
306930	5-20	To Firms	Desires estimate and dely date of boxes and switches- specis as listed To Appleton Elec Co- You will receive from B&H proposal calling for 2500 boxes and switches of each type as on drawing RE 238 118B for 2500 boxes and switches of each type as on drawing RE 238 118B lists requirements- if not av rdes as listed 5-31 contract rest return of blue rent- Sprague Elec works - fwds prints and estimates - 5/28 to Cole Elec Co- 7-8 6-8 Bryant Elec Co 6/5-submits quotation
309093	?	Cutler Hammer Co	Radio control apparatus type plan and specification for approval, like switch omitted, fwds corrected plans. W To Cutler-Hammer Co- Starting equipment officially approved as listed- 6-7

SWITCHBOARDS & INSTRUMENTS: RADIO

Number.	Date.	From or To--	Subject.	
308570	5-23	Ward Leonard Co & Firms	Asks information RE standardizing of circuit breakers 5-22	
309275	5-24	To Marconi Co	Re Marconi Co. - Swiss patent showing circuit breakers, with comments 5/6/24	
		Marconi Co - Swiss patent of master control circuit of merchant vessels	Comment on - Swiss patent to Marconi Co. - will submit comments 5/7/24	
	5/22	States change desired in drawing	Marconi Co. 7-2	
310083	5/25	To Boston	Marconi type "I" Antenna switches-unsatisfactory service-due to dangerous brush discharge-reqst review this subject-5/25	875
			To NY-Ditto 5/25	
310085	5/25	To Marconi Co.	In re to type "I" Antenna switch-would like remedy for problem.	875
282613		SHE CARD 18	Gives information re method of determining for crature rise of start clapper coil on starter 5-27	
310108	5-27	To GE Phone	Will be able to make flush type meter in all ranges specified	W
311522	5/28	Weston Elec Instrument Co	Standardization of radio instruments-submits recommendations, also reqs in detail relative to output, etc	

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SWITCHBOARDS & INSTRUMENTS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 298180	4/18	To Trumbull Elec Co	Reqt Vandykes showing battery charging switchboard for naval auxiliary radio sets. W Trumbull Co 4-22 Trumbull Elec Co - 4/29
298580	4/18	To Phila	Reqt for prints of switchboard photographs. W Phila 5/6 Fwds blueprints of radio switchboards. W
✓ 299334	4/19	GE Co T	Request copy specs covering switchboards. W To—Fwds specs. 4/22 The GE Co - acknowledges receipt of specifications. 7 4-26
✓ 300686	4/23	Weston Elec Co	Understand Model 372 in stock will be satis. W Weston Elec. Co - in re specifications and prices quoted in the requisitions 4-25
✓ 301450	4-25	GE Co	Fwds copy of Letter from Roller Smith, requesting government contract and requisition numbers for portable radiation ammeter. W To GE Co - Shipment of instrument scheduled for June 1st - 5-10
✓ 301734	4-29 5/6	To Rolle r-Smith Co Roller Smith Co.	Asks to expedite meter on order of GE Co - Shipment will be made June 29.
✓ 302938	4-30	Roller Smith Co	Internat'l Radio Co have placed order for ammeters. To Rolle - Smith Co - 5-6
300570	5;19	G E Co	Submits information reqts.

SWITCHBOARDS & INSTRUMENTS: RADIO

Number.	Date.	From or To—	Subject.
✓ 304466	5/6	Walker Bros & Haviland	Automatic and hand starters for radio switch panels, fws plans, etc. W
✓ 304243	5/3	GE Co	Company understands Bureau has sufficient information to revise specifications covering switchboard instruments. L
304300	5-8	To Norf-	Radio Tel- Carbon Type Rheostats-W Norf - apparatus not recd - 6/1
> 305017	5-9	To NY	Reqs that circuit breaker be tested and report made at early date New York 5:14 reqts. copy of specification. To NY- fws specifications-5-18 New York - fws report of test of circuit breaker mfg by Ward Leonard Co. 7:10
305478	5/8	Norfolk	Fws bp shows 10 kw re ote contl antenna switch-duplicate reception type. W Norf - request action 6-15

SWITCHBOARDS & INSTRUMENTS: RADIO.

1013

Number.	Date.	From or To--	Subject.
288739	3/16	To Crouse Hinds Co	Fused back connected sample switch. Comments on improvement that could be made in exceptions. W
			To--Discusses use of copper plated steel spring washers. 4/16
290612	3/2	Phila	Switchboard drawings confirms telephone conversation. W
293591	3/29	Ward Leonard Elec Co	Field rheostats-fwds duplicate forms giving data. W
294359	4/1	F Lowenstein	Angle iron frame to switchboard-reqt info. W
295373	4/5	Walker Bros & Havelin	To--4/8
	5/6	Walker Bros & H-switches shipped by Ind Cont. Co to Phila. or test. W	Request permission to ship radiop panel, quarter switches and field rheostat for switches. W
		To Phila. Test test of apparatus submitted by Walker Bros & H-5-11	Walker Bros & Havelin-asks what yard to fwd switches for test. W
295031	4-5	Phila	To--Directs submit apparatus to Lab Phila. for test. 4/12 to--Material sent test. 5/20
		To Morf-Test test of starter submitted by Walker Bros & H-5-11	Forwards switchboard drawings. W
286702	3/11	To Phila	To Phila- Type numbers assigned to switchboards- 6-7 Phila. Fwds prints. 6;21
			Reqd Vandykes of certain drawings. W

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SWITCHBOARDS & INSTRUMENTS: RADIO.

Number.	Date.	From or To—	Subject.
289963		CARD 18	E. J. Simon 4-9 Lowenstein. 5/4
✓ 297493	4-11	Condit Elec Mfg Co	Forwards photographs of their circuit breakers for radio switchboards.
✓ 296404	4/11	To Western Elec Co	Recd one oscillograph with all attachments. Ask price and delivery of. W. Western Elec Co—4/22
✓ 297644	4/12	Weston Elec Inst Co	Ed Elec Co. 4-25 G E Co. submits sub. quotation on standard oscillo- Batteries-requirements of-350 model 425 (graph e- thermo ammeters and 350 model 301 ammeters) Sub. states will endeavor to migr by June 1st. (recom. restand. (accas.5:11
✓ 299018	4/17	Cutter Elec Mfg Co	Fwds copy of tags containing instructions for overcoming difficulties as to method of connecting reversal circuit breakers in to the circuit.W
292613	To see card 18 To Norf-Fwd part of test in re shunt clapper coil on 5 Walker Bros and Havrlin--4/19 K Starter--5-8 Norf - Submits report of rise and fall in temperature of automatic starter. 5-17		Norf-Walker Bros & Havrlin-5 kw radio equipment-submits report on suitability test.W Norf - Fwds prints. 4-26

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SWITCHBOARDS AND INSTRUMENTS: RADIO.

Number.	Date.	From or To—	Subject.
282613	2-16	Walker Bros & Haviland.	Requests their name be added to approved list of furnishers of starters.
W&H-T-4 sets will not be satisfactory.	2-16	Walker Bros & Haviland- NY card states their starter is set will deliver data on the prints, etc to	To—Rec complete list of drawings photos etc. 2/23 see card 19
SEE CARD 21	2-21	NY card states their starter is set will deliver data on the prints, etc to	To NY Norf—Rec rec re various types of starters supplied by this firm. 2/23
284365	2/26	NY-Gives number of Thermometer Controller Co's motor starters that have been supplied with OVER sets during the past year. W Walker Bros & Haviland	Test of switchboard instruments. Fwds copy of report of. W
281942		CARD 17	Cutter Co - Are propelling special tag with instructions to cover each circuit breaker. W
285361	2-27	Washington.	Charging panel for Edison Storage Batteries submits sketch of proposed. W. 882-1.
285073	2/28	To Crouse Hinds Co	Fwds specs covering requirements for knife switches for use on radio switchboards. W
285498	2/26	Phila	Standard switches - fwds prints for approval. W Phila-3/22
287030	3/5	Crouse Hinds Co	Request opportunity to bid on radio switchboards. W To—3/15

900:SWITCHBOARDS AND INSTRUMENTS:RADIO.

Number.	Date.	From or To--	Subject.
287651	3/8	Phila	Drawings for 2 and 5 kw 125 volt radio switchboard-rwds print.D
289003	3/14	To Western Elec Co	Ends prints giving details of various combinations of standard forms of action cut out switch blades, with comments on. W
288996	3-14	TO NY	Routing status of distant control antenna switches designed at NY. W.
289552	3-14	Liberty Elec Co	Control apparatus for radio transmitter - To Norf--3/22 Norf Recommends approval of certain starters, etc.W 4/4
289552	3-14	Norfolk Starting panel-recommends metal inclosing cases be omitted.3-29	Routing status of distant control antenna switches designed at NY. W.
		To Firms--Auth use of automatic starters, hand starters and starter transfer switches without metal enclosing cases on spark transmitters. 4/6	To Norf--Rwds above for comment and rec.3/22
		Liberty Elec Co-switches and starters will be inclosed.4/9	To NY. 4/6

SWITCHBOARDS AND INSTRUMENTS: RADIO.

Number.	Date.	From or To—	Subject.
269849	12/26	Gould Ward, Leonard Co	Reverse current signal single pull circuit breaker for use radio station—states are in position to accept orders for prompt delivery. W Fwd NY 1/10 RB 1-22 NY fwsprints and photographs 1-21
269027	12/24	To Firms Yards Signal Corps To E. Lowenstein—Fws prints. 2/26	Fws specs for switchboard instruments and radio frequency ammeters. W Sangamo Elec Co 12-29 To— Kilbourne & Clark Co 1-4 E. Lowenstein 2-6 Request names of suppliers that are furnishing Navy with radio apparatus. W To—Lists manufs. 12/31 To—3/1
270330	12-27	Kellog Switchboard & Supply Co	Request names of suppliers that are furnishing Navy with radio apparatus. W To—Lists manufs. 12/31 To—3/1
275141	1/21	To Weston Elec Inst Co To Bu. tandar. s.—Fws corres and as what action wish taken. 2/15 By Stand no record of placing order with Weston Co. W	Rest cost of galvanometer. W Westinghouse Elec Instr Co - W - 1-24 To—Comments on 1/31 Weston E I Co - 2-8 - W
276044	1-21	Bost Bost antenna switch fws drawings. W 1-22 To Bost—Lists antenna switches auth. 3/6	Design of new antenna sending and receiving switch for 1/2 kw transmitter - fws prints. W To Bost—Directs test switch for use with 1 KW spark transmitter. 2/8 To Bost—Assigns type number to drawings. 2/12
277539	1/28	Marconi Co	Circuit breakers for one KW panel type transmitters - W To—2/8
277934	1-28	Phila	Radio transmitting switchboards; request reply to various of their letters. W

SWITCHBOARDS AND INSTRUMENTS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 278101	1-29	Cutter Elec Co	E. J. Simon - states are intending to use Westinghouse type for circuit breakers on 1 kw radio sets. W To— Gives action. 2/12
✓ 278581	1/31	NY	Circuit breakers—Ward Leonard states have submitted improved type—states test satisfactory—recommends be put of approved list. W
	To NY—2/15		
	Ward Leonard Elec Co—2/15		
	To Ward Leonard Co—2/21		To Ward Leonard Co—Reqt complete drawings of 2 kw units. 2/14
✓ 278420	2/2	To NY	Cut out switch for use in charging battery. Reqt make test and submit report of Hartman Elec Mfg. Co's product. W
	Hartman Elec Mfg Co—fwds drawings and photos. 3/25		
	Hartman switch. 3/21		
	To Hartman Elec Mfg. Co—Submits report of test received fr m NY. 3/21		NY - Reports on test. W. 2-21
	To Betts & Betts—3/21		To NY—Comments on. 4/27
	Hartman Elec Co—3/28		To Trumbull, Elec Mfg. Co—Gives action on use of fwds copy of specs applying to switchboard and radiation instruments. W
278503	2/4	To Firms	
✓ 279324	2/4	Nori	2 kw hand and automatic starters submitted by Ward Leonard Co submits report on suitability test. W
	To Ward Leonard Co—3/22		
	Ward Leonard Co - Request instrns re wiring drawings. 4-5-1		To Ward Leonard Co—Fwds copy of report of test with comments on. 2/8
	To Ward Leonard Elec Co—Desires photos etc of starters without boxes 5-9		Ward Leonard Elec Co—2-16.
✓ 280554	2/9	Metropolitan Elec Mfg Co	Nori - Submits report on test of. W 3-5
			Fwds catalogue—switchboards, etc. W
			Metropolitan Co - fwds catalogues 2/9 - W
✓ 280769	5-29-17	Cutler Hammer Company	Automatic motor starters for radio panel. W
✓ 281942	2-14	NY	Current circuit breakers will operate satisfactorily with 133 Ohm resistance now provided. W
	To NY—Auth use of Cutter Co over load and reverse current circuit breaker. 2/19		To Cutter E&M Co—Gives action. 2/19

SWITCHBOARDS AND INSTRUMENTS: RADIO.

1917

Number	Date	From or To	Subject
✓ 261774	11/19	Cutter Elec & Mfg Co	Reverse current circuit breakers for radio panels; fws plans of proposed.W
261929	11/19	NY	Switchboard fittings-fws.W
262494	11/22	To Phila To Phila-6-7 Cutter 6-7-1 - Will 6-30. Inter- 7-3	Drawings of standard radio transmitter switchboards. Recd list of drawings in Phila 12-6 To Phila-3/8 Insp Phila-fws prints 3/18 Phil Navy Yard - fws prints. W 5:25
✓ 262671	11/22	Cutter Elec & Mfg Co	Circuit Breakers-quotes price and fws prints.W
262974	11/23	E.J.Simons	Antenna switch indicators - fws.W
✓ 263171	11/23	Wireless Spec Co	Lower terminal boards; confirms telephone conversation.W
263322	11/22	Norrf To Norrf-Constrn of switch auth.1/10	Radio magnets-hand operated antenna switch-fws prints.W To Ask status of tests.12/20 Norrf-12/26
263750	11-26	Phila	Standard switches; fws vandykes.W Phila - Request action. 3-25 Phila-Reqd action on letter of Feb 26.W 4-9
✓ 264236	11-27	Cutter Elec Co	Fws samples of special nameplate.W To Satis.12/1 Co 12-12

SWITCHBOARDS & INSTRUMENTS. RADIO. 900

Number.	Date.	From or To—	Subject.
✓ 264558	12/3	To ~~walker~~ Elec Co	Reqt estimate price for supply of switchboards as per plan enclosed. L Co 12-4
✓ 265301	12/5	Trumbull Elec Mfg Co T	Battery charging panels request be furnished with drawings in order to submit proposal. W Co 12-6
✓ 265716	12-5	Ward, Leonard Co	Request names of probable bidders on radio switchboards in order to properly quote. W To -12/22
267293	12-13	Phila	Radio transmitting switchboards: request action on their letters of Oct 23, Nov 26 and Nov 10. W
241457	SEE CARD 12		To Phila—Assigns type number to 1 KW panel. 12/14 Phila - Fwds plan. W 2-26
✓ 266910	12/14	To Weston Elec Inst Co	Specns for switchboard instruments. Shunts for DC ammeters have no provision for attaching them to back of switchboards. Reqt revision of specns to cover. W Co 12-27 Co 1-26 To -1/5
268379	12/21	To Weston Elec Inst Co	Fwds specns applying to all switchboard and radio frequency meters. W
		To Roller Smith Co	Weston Elec Instr Co—Fwds prints and recommendations. 1/2
		To Roller Smith Co	Fwds specns. 1/5
		To Weston Co	1-17
		To S&A—Reqt. amend contr 92	1/24
		To -1/31	Weston Co 1-26
		Weston Co (2 letters) 1-31	To Weston Co—2/5

1917

SWITCHBOARDS AND INSTRUMENTS: RADIO.

Number.	Date.	From or To—	Subject.	
✓ 252885	10/3	Marconi Co	Fwds vandyke of wiring diagram for 1 and 2 kw radio room panels for auxiliary sets. W	
253402	10/2	Phila	Modifications in switchboard; fwds print. W To—Appvs change. 10/25	
✓ 253366	10/8	To NY	Reqt for drawings of antenna send-receive switch.. W NY fwsdprints 10/22	
254437	10-11	Weston Elec Instr Co	Switchboard Instruments for radio panels; fwds prints showing summary of those approved for standardized radio panels for Bu SE	893
✓ 255628	10/19	To Phila	Specms for switchboards, and switchboard instruments. Fwds. W	
✓ 255628	10/19	To Weston Elec Instr Co	Fwds portion of revised specms for switchboard instruments. W	
✓ 255831	10/20	To Cutter E&M Co To— Gives action 10.31 Cutter Elec Co 11/2	Reqt expedite delivery of circuit breakers to K&C Co. Seattle, Wash. W To K&C Co. (T) Satisfs arrangts covering payments not made. Reqt action taken. 10/23 Kilbourne & Clark (T) states will make any arrangements with Cutter Elec Co regarding payments 10/26 To Pub Sds Reqt action. (T). 10/27 Pub Sds (T) K&C state matter of payments adjusted with Cutter Elec Co 10/29	

SWITCHBOARDS & INSTRUMENTS: RADIO. 900

Number.	Date.	From or To—	Subject.
255831			
✓ 257075	10/27	Chasn R	Storage battery control panels for use on radio sets. ROOTE, ASTORIA, ECLIPSE and H.P. WILLIAMS; unable to obtain from Norf or NY; request instructions. W
		Chasn--(T)-No. 10/30.	(T)Norf - cannot supply 10/29 W
		To (T) Ask if charging panels from Trumbull Co have been rec'd. 10/30	To Norf--(T) Ask if can ship charging panels to Chasn immediately by express. 10/29
257312	10/27	To NY	Chasn--(T)-States authority charging panels not yet received. W 10/30.
			Radio distant control switch, to be designed at NY. Instrns in connection with. W
257575	10/30	Chasn T VOID	States
258311	11/1	Phila	Transfer switch, 3-way; request type number for plan. W
		To Phila - 2/16	To - 1/10
		Phila - fws print. L 2-26	Phila - fws print - L - 1-18
			Phila request action 2-7
258707	11/6	To SEA	Reqt shipt of switches from NY to Aero Sta. W
258703	11-6	To Fed Co	Antenna transfer switches. Reqt quota. on. W 875
✓ 250598	11/12	NY	2-kw automatic starters and solenoid clapper switch furnished by the Industrial Controller Co states satisfactory. W
			To - Reqt more specific data re apparatus. 11/22
			NY blueprints, photographs and descriptive matter; fws 12-8

SWITCHBOARDS AND INSTRUMENTS: RADIO.

1917

Number.	Date.	From or To—	Subject.
✓ 245424	8/22	NY	Fwds drawings showing change in wiring found necessary to eliminate motor field when line switch is closed. W
✓ 245677	8/24	F. Lowenstein	Fwds copy of drawing made up of the Krantz Co contract 30863, for 75 2 kw switchboards. W To—Amps. 9/1
✓ 246669	8/30	To Yards	50 add'l charging panels ordered from Trumbull Elec Co. Gives disposition of. W
✓ 246693	8/30	To SEA	Recommend supplementary contr for 50 charging panels add'l from Trumbull Elec Co. Gives disposition of. W Rd 11/ SEA 11/14 Fwd SEA 11/17
✓ 247807	9/6	NY	Antenna switch, solenoid type; reports considerable difficulty experienced in contacts and recommends changes. W To—Re-t submit drawings. 9/10
248354	9/6	Phila	Confirms telephone call relative to radio switchboards on 1916 order. W
239710	8/30	NY	NY fws plans remote control for wave changer push button switch.

SWITCHBOARDS & INSTRUMENTS: RADIO. 900

Number.	Date.	From or To—	Subject.
249163	9/14	To NY	80-volt radio switchboard on 1916 order. Ask if four have been received at Yard. W NY--10/4 W To NY--11/2
250345	9/21	To Yards GE Co fwsd. prints and gives comparisons of Co and Navy rating of switches 11/7	Standardization of switches of switchboards. Reqt detail drawings of all knife switches complying to Navy Specs. W Walker Elec Co can send data in few days 9/22 Walker Elec Co fwsd print 9/29 Trumbull Elec Co fwsd prints 9/27 Chils fwsd prints 10/2 GE Co 10/5 NY fwsd 78 prints 10/12 Westinghouse E&M Co fwsd drawings 10/19
251507	9/28	To NY F. Lowenstein-reqt copy of apprvl of antenna rec & send switch submitted NY. 1/12.Y To Lowenstein--Fwsd prints. 1/24	Drawings of 10 KW Remote controlled antenna send-receive switch. Reqt fwd to Bu. W NY fwsd prints 10/10 ✓ To F. Lowenstein--Fwsd Vandyke of apprvd antenna switch. 10/23
252009	9/28	GE Co	Switchboard panels: gives dates on which can ship for 10 kw sets for Lowenstein's Te--Acknowledges. 10/4
252181	9/28	Wireless Spec App Co	Radio room panel for 2 kw sets: request information relative to location of ammeter. W
252181	9/29	F. Lowenstein	Ammeter switches and voltmeters: calls attention to location of and fwsd prints. W Te--Comments on. 10/26

SWITCHBOARDS AND INSTRUMENTS: RADIO. 1917

Number.	Date.	From or To—	Subject.
242910	8/9	To Phila	Recommended specs for switchboards and switchboard appliances. FW. Phila. print. 8/9. To Phila fws comments 9/2
243297	8/10	Bost R	Transfer switch recommended for standard. fws print.W To Disappvs est. 10/11
243309	8/11	To Phila	Standardization of rheostats for radio transmitter switchboard. Best comment on. Phila request additional data: fws vandykes 9/9
243310	8/11	To Cutler EEE Co	Will standardize on all circuit breakers supplied for use on radio switchboards. Lists three selected as standard. Co fws prints 8/16
243311	8/11	To NY	Standardization of CLE or switches on radio switchboard. Phila will answer Sept 11th 9/2 Phila fws vandykes 9/19 Phila clapper switches; fws prints 10/5
243682	8/12	Bost	Request authority to manufacture antenna sending and receiving switches for use in connection with patrol boats and submarines.W To Grants auth. 8/17

SWITCHBOARDS & INSTRUMENTS; RADIO 900

Number.	Date.	From or To--	Subject.
243576	8/15	to Norf	Fwds preliminary copy of specs for switchboards and instruments. Directs examine for errors. W Norf recommends revisions 8/18 NY 8/30
244510	8/17	Cutter Elec & Mfg Co	Relative to their receivers, current circuit breakers. W
244511	8/17	Cutter Elec Co	Circuit breakers on various radio contracts: fwsd copies of letters to various companies, giving dates on which will ship. W
244796	8/18	Phila	Switchboards - fwsd prints W
244915	8/18	NY	Asks if intend to install line rheostats on vessels of the sub chaser type. W To 8/31
245301	8/22	Bost T	Diagram of signalling and distant control: fwsd prints. W

SWITCHBOARDS & INSTRUMENTS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 232482	6/8	To Amer R&R Corp—	Switches in accord with Drawing list 10250-A acceptable on the four 2 K.W. sets being manufd under contr/ 23774. W
✓ 233997	6/15	Cutler, Hammer Co	Starting panels for switchboards: request instructions relative to modifying on M 1s requisition 690.W To—Instructions requested. 6/20 To M 1s. —fwds copy of letter from company and Bu reply. 6/20 To Norfolk Dillo. 6/20
✓ 234605	6/21	To Cutter Elec & Mfg Co	Fwds prints of specs for D.C. and A.C. circuit breakers, for use with radio transmitters. Rgt all breakers now in course of manuf be made in accord with, wherever possible. W
✓ 235391	none	Bost	Re design antenna switch "send and receive." fwds prints showing one developed.W To—A ppvs design. 8/21 Bost 9/4
✓ 236105	6/28	Phila	Radio panel: fwds photographs showing wiring arrangement.W
✓ 236278	6/30	NY	1 kw inducted coupler and wave changing switch: fwds prints.W
236152	7-17	Phila	Fwds report on Elec Controller Mfg Co's double pole contactor switch.

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SWITCHBOARDS AND INSTRUMENTS. 900

Number.	Date.	From or To—	Subject.
207758		CARD 10	Best fwds print of a high tension switch for 10 kw spark and 20 and 30 kw arc sets 7/18
✓ 239297	7/18	Cutter Elec Co	Fwds prints showing overall dimensions and drilling templates on circuit breakers. W To—Comments on. 7/27
✓ 239415	7/11	Cutter Elec & Mfg Co To NY—Re shipments of. 8/28	Reports shipment by express to NY of special designed circuit breakers for radio work; gives description. W To NY—Reqd report at once on circuit breakers. 7/20 NY 9/9 Co request action 8/9
✓ 239540	7/18	NY	Distributing switch for main and auxiliary antenna. W
✓ 239655	7/20	E. J. Simon T	States antenna switches delivered NY. 15 more will be delivered on the 21st. W
✓ 239724	7/21	To NY	Fwds blueprints showing elementary diagram of switchboard wiring for radio sets being purchased from Kilbourne & Clark Co. W To Elec Controller & Mfg. Co.—Ditto. 7/21 To Kilbourne & Clark—7/21 Elec Controller Co 7/23 Elec Controller Co, fwds sample of name plate. 7/31 Switchboards for 1 K.W. quenched gap transmitters. Fwds drawings of. W Phila 8/28 Phila 9/11 To Phila—Ask when drawing will be fwded CARD 16 to Bu. 9/14 Phila fwds prints 9/20 Phila 11/14
✓ 241457	7/31	To Phila	
	8/28	To Phila—Appvs drawing as standard. 11/2	
		Phila understands Bureau developed type plans of switchboards 11/10	
		Phila request assignment of type number. 12-7	

1917

SWITCHBOARDS: & INSTRUMENTS: RADIO.

Number.	Date.	From or To—	Subject.
226880	544	Phila	Switchboards; fws print.W
✓ 227136	5/9	To Weston Elec Inst Co	Ask whether drawings left at Bu by Mr. Cary, no longer with company, are to be considered as official copies. Weston Elec Co states Mr. Cary no longer connection with company. 5/5/9
✓ 227674	5/10	The Cutter Elec & Mfg Co	Lists circuit breakers that will be manfd with the bump proof construction.W
		To NY Phila—Fws copies of	To—Submits new specs for circuit breakers. 5/22
		corres. 5/22	To Firms—Lists new specs for circuit breakers.
		To Firms—Revises specs. 6/9	Breakers being supplied by Cutler Hammer Co
		To—Fws copy of above circular. 6/9	will be in accordance with and will be acceptable. 5/22
✓ 227722	5/8	Wireless Specialty Apparatus Co	Switch board: combined power and battery charging panel for 2 line sets—fws prints of proposed
✓ 227921	5/11	NY	Line rheostats for 1/2 kw transmitters; fws copy of letter to Wireless Co's reporting adjustments necessary.W
			To Firms—Gives resistances and current capacities, in revised specs for line rheostats. 5/17
			To—Fws copy of above letter. 5/17
			Marconi Co states work too far proceeded with on 25 sets to change 5/19
			To Marconi Co—Gives action taken. 5/24
			To Marconi Co—Revises specs. 5/31

900 SWITCHBOARDS: & INSTRUMENTS: RADIO.

Number.	Date.	From or To—	Subject.	
228786	5-17	To Phila	Reqt Vandykes of switchboard drawings be fwded to Bu.	876
230212	5/24	NY	Request marking for switchboard name plates.W To—Gives information reated.6/7	
23 0341	5/24	G E Co	20 and 30 kw sets for Fed Tel Co. control panels for: states can save time by using 96" material and sawing in two, making panels 47-7/8 in lieu of 48"; request telegraphic authority.W GE Co. asks if Bu will apprv 47-7/8 inch panels.W To—(T) 5/29	
231346	5/31	NY	2 kw radio switchboards; fwsd criticisms.W To Phila—Submits criticisms.8/6 Phila comments 8/30	
231869	6/4	To Norf—Appvs install on MISS of switch.12/29 Norf 8/17 To NY	Reqt report re remote control antenna switch described in RN 3A 115A. W NY report on completion of test 6/27 NY reports on test 7/12 To Norf—Fwsd copy of report of test, with comment. 7/20 states manufacture circuit breakers for radio; asks quantity of each kind required.W To—Fwsd blue prints, and gives other information reated.7/2	
232112	6/5	Cutter Elec Co		
	Co 7/3			
232630	6/6	Phila	Recommends Clapper switch for radio switchboard, furnished by Elec Control & Mfg Co. be placed on approved list for 2 kw radio switchboards.W	

SWITCHBOARDS & INSTRUMENTS: RADIO

Number.	Date.	From or To--	Subject.	
217833	3/13	To Fed Co	Fwds b/p as listed showing schematically the desired general location and arrgt of appa on various power switchb ards for the three general types of sets. W	
215142	3/12	Chasn	Antenna distributing switch: plan	807
212494		CARD 9	NY submits list of ships unfitted not fitted 3/21	
		To Post--Req wiring diagrams covering install. 5/28	Norfolk submits list of vessels not fitted 3/24	
		To S&A--3 shift requests of switches for vessels listed. 3/28	To NY--Req manu of 25 distributing switches	OVER
219451	3-20	Marconi Co	Antennae send-receive switch, type J: examined by Mr. Hill; asks if will be satis to supply under contracts 28770 and 28772 and future orders...	
			To--Detailed comments on. 4/2	
207756		CARD 9	To Post--Fwds prints of Chasn drawings. Desirable to have apparatus so that mechanical control can be easily failed at any time. 4/5	
		Post estimate 4/17	Post standard antenna distributing switch: fws estimate and plans 4/3	
		Post submits est. 5/8	To Post--Manuf auth. 4/11	CARD 12
		Post submits estimate 5.24	To Post--Manu 25 high tension switches with. 4/11	
		To Post--Appvs est. 5/26	To Post--Appvs design as standard. Com. 4/16	
		To Post--5/31	Fwds set of Vandykes for manu of 2 K.W. Switchboards. W	
		To Post--Appvs est. 6/7		
221301	4/6	To F. Lowenstein		
221302	4/6	To Marconi Co	Fwds complete set of Vandykes for use in manu of 5 K.W. radio switchboards.	

SWITCHBOARDS AND INSTRUMENTS: RADIO. 900

Number.	Date.	From or To--	Subject.
212494		OVER	Norf recommends work LOUISIANA and NORTH ~~to be transferred new yards 4/6~~ Post 4/12 To NY--Install on NORTH SOUTH auth at NY. 4/12 ~~To NY--Cables modified shipment order. 4/1~~ To NY--Ask when switches will be completed. 6/2 NY gives reasons for delay in manufacturing 6/9 To NY--Instrns. 6/13 RB 6-30
223090	4/13	F. Lowenstein	Switchboard design. Bureau requisition 14: invites attention to differences in details. W To Phila--Invites attention to differences in details between invention and instrns. 4/20 Phila. - comments 4/28 W Phila fws copy 5/7
224224	4/17	Federal Telegraph Co.	Requests copy of prints for send-received- ground switches W
225331	4-27	NY	Fws photograph of L antennae switch. W To--Ask when expected that Marconi Co will submit apparatus or test. 5/1 NY reports on test; recommends with certain modifications 5/12
Phone	4/28	NY	Re signal switch on British merchantmen giving CO control of radio signal set. W
225409	4/27	Marconi Co	2 and 5 kw switchboards; error in drawing relative to depth of rheostats. W Fwd Phila--5/1 To--Comments on 5/1 Phila fws request requested May 5th 5/8

SWITCHBOARDS & INSTRUMENTS: RADIO:

Number.	Date.	From or To—	Subject.
✓ 196275	8-11	To Bost.	Radio telegraph - antenna transfer switch; directs new design be submitted to Bureau for appvl. W
198234	8-31	Washm	Antennae switch received from NY for 1/2 kw set; asks disposition. W Fwd NY--9/6 RB 9/15 To S&A--Reqt shipment switch from Wash to NY. 9/20
198892	9-7	Bost.	Antennae distributing switches; plans.
200339	9-25	NY	Antennae distribution switch; plan. W
	NY fws photographs of antenna switches 1/13		To--Directs fwd Bost copies of all plans. 12/11 NY antenna distributing switches; have forwarded drawings to Bost 12/11 To--Reqt photos mentioned in letter 9/25. 1/2 Provision for field discharge resistance in radio transmitter switchboards. Reqt this be added in future. W
✓ 202582	10/17	To Phila	
203791	10-26	Norf	Remote control antennae switch; plan. W To--Appvs install of to conform with plan. Reqt full report after install. 11/1
	To NE--Reqt modified vandykes. 1/10		
	To Norf--Modifi auth. 1/4		
204455	11-3	NY	Antennae switch; plan. W
	NY will modify and keep Bu informed 11/23		To--Appvs plan with recommendations. 11/7
	Phila 12/7		To Bost NY Phila Norf--Reqt install of Solenoid switches be modi to conform to drawing 11/7
204546	11-3	NY	Transmitter panel; standard lug for; fws plan. W
			To--Appvs plan. 11/23
			To--Cancels appvl. Reqt further rec taking into consideration cost of machining of lugs. 11/25
			To NY--Drawings not urgent. 12/8

SWITCHBOARDS AND INSTRUMENTS: RADIO. 900

Number.	Date.	From or To—	Subject.
204455		OVER Phila for COMN 1/3 Phila 90 CAR unable to furnish estimates; work not done at yd 1/4 NY states drawings referred to were fwded 11/3, were ret'd acct insut- ficient address, remailed 1/9 1/18	Best submits estimates for removing, mod- ifying and reinstalling solenoid operating antenna switches on VIRGINIA class 12/6 To Norf—Reqt reply to letter 11/7. 12/13 To Best—Appvs est. 12/13 To Phila—Reqt report and est. 12/15 Norf submits estimate for alterations 13/23
207758	12-4	Best To--Appvs as standard. Instrns re enclosure with manuf. 2/13 To NY--Gives action with instrns. 2/14 Best est and plan 3-7 To--Appvs manuf of switches. 5/18	Standard type antennae distributing switch; fwds and reports on design of. W To--Comments on. 12/19 14To--Instrns re changes to be made in drawings. 1/10 Best fwds plans and comments 2/5 Card 10 250 volt ac switchboard for 2 and 5 kw Sels: fwds plans. W
208594	12-12	Phila	
210157	12-29	NY	Submits estimate and plans for lug for radio switch panels. W
211458	1-12	NY	17 Remote control antennae sending and receiving switch; fwds vandyke. W
212494	1-22	NY	Recommendations and prints for switches for use with auxiliary antennae: (Replies to 206462-131-6) To--Appvs. Reqt ests of manuf of 10 and 25 of these switches. 2/14 CARD 10 NY submits estimates and spec specifications 3/5 NY fwds prints 3/8 10 kw solenoid antennae switches; revised estimate; original est on PENNA. 4/7 To--1st excessive. Reqt copy of drawing. RY 24F 1/9 1/17 NY fwds prints requested. in letter of Mar 7th 4/10 To--Comments. 4/19
216173	2-24	NY	

SWITCHBOARDS: & INSTRUMENTS. RADIO

Number.	Date.	From or To—	Subject.
175770	1-8	NY	Antennae switches; transfer with 15 kw arc sets on cont 89; 1 issued to UTAH; 2 to San Juan; recommends balance be kept in store.W. To-- Appvs / 1/11
179416	2-16	Bost	Antennae distributing switch; asks if yard shall prepare; design; NY has no drawings.W. Bost reg; action 3-16 Re NY reg. date 3-30 RB 4/18 To NY-- asks when prints may be expected. 9/9
	2-24	To S&A.	Phila regn 456; radio switchboard instruments; rec as to award. W-R
180847	3-6	To NY.	Reqt comment on remote controlled radio antenna switch in comparison with solenoid type now supplied by NY Yard. W NY remote control switch; reqt Norf design be sent to yard for test; fwds photo of experimental model solenoid switch. 4/23 RB 5/3 Fwd Norf-- Auth manual switch. 4/23
181051	3-4	NY	Submits estimate for modifying solenoid antennae switches. W To-- Reqt copies of drawings mentioned. 3/13 To-- Appvs estimates. 4/20 To-- Phila regn to only in one modified switch from for minimum. 4/26
182211	3-20	NY	Solenoid switches for radio; fwds plan.W
182992	3-22	Phila	2 and 5 kw set switchboard; fwds marked prints showing changes recommended. To-- Appvs modifications. 4/1

SWITCHBOARDS & INSTRUMENTS: RADO. 900

Number.	Date.	From or To—	Subject.	
✓ 183343	3-31	Was:m	Spark wave changing switches; HH Clark submits proposed improvements and submits print. W Fwd NY-- 4/5 RB 4/12	
✓ 186034	4-26	Phila	Radio switchboards; specs for radio sets will require departure from standard switchboard drawings; request instructions. W	
186357	5-16	Phila	500 cycle radio switchboard 2 and 5 kw; fws modified prints for approval. W Phila (H) reqt action 5/27 To--notes changes desired; gang may be started immediately, revised drawings to be forwarded 5/31	
189284	5-27	Bost	Antennae distributing switches; fws plan. W To--Comments on in full. 9/13 To--Req to know when drawing will be forthcoming. 10/21 Bost will mail drawings Nov 15 10-25 Req copy of drawing 6216-R "Radio telegraph of antenna switch." W M.Is fws print 6-16	
191074	6/26	To NY	Req drawing of solenoid operated switch contained data specified in letter	876
193006	7-6	Phila	2 and 5 kw switchboards; fws plan. W To--ppvs with modi. 7/14	
194683	7/26	NY	Auxiliary antenna; standardization of leading coils and transfer switches for; fws curves and recommendations	876

SWITCHBOARDS & INSTRUMENTS. RADIO.

1914

Number.	Date.	From or To--	Subject.
127589	6/16	Arlington 314	Fwds sketch proposed transfer switch for high-powered radio station.W
127590	6/16	Arlington	Transfer switch manufactured according to print A-17. Very efficient; recommends adoption for all high powered stations.W
130940	7-25	NY	Radio switches; fwds vandykes: LW
131735	8-5	NY	Salinoid operated antennae switch; reqt additional \$100. for developing.W To---appd. 8/8
134100	8-27	VERMONT	Distant control switch for radio plant; fwds sketches and report on improved design by Ensign De Treville. W Fwd NY-- For its information. 9/11 Fwd Vermont-- For information. 9/21
134787	9-18	NY	Remote control antennae switch; fwds print and estimate for manufacturing in lots varying from 1 to 20.W To-- Appvd. 9/21
135569	9-28	NY 855-156	Antennae switch; fwds print and submits estimate for manufacturing.W To-- Appvd. 10/2
135682	9-28	NY 2021-22	Plug boards for battle radio; estimate.W To-- Appvd. 10/2
142370	12-12	NY	Transfer and remote control - fwds. print

876

SWITCHBOARDS & INSTRUMENTS: RADIO. 900

1915

Number.	Date.	From or To—	Subject.	
144196	1-8	NY	Remote control antennae switch; plans.W To--Rsgt what assignments have been made. 1/22 NY gives assignment 24; remaining 14 will be completed Feb 6 2-5	
144385	1-6	NY	Switches for battle radio installation; suggests changes.W To--Appvs changes in. 1/16 To Yards--For corres re above. 1/16	
150120	3-17	NY	Remote control; antennae switch; revised estimate. W To -- Auth 3-23	
151045	3-27	Phila	Wave length changing switch; fwsd print of design of Chief Electrician L.R. Damon; recommends adoption.W Fwd NY--for comment. 4/27 RB comments 5-28 To--Have fwd NY for comment. 4/27 Phila fwsd print 5-4	
152434	4-14	Bost	Reqt insulation of antennae switch; reqt copy of Bu circular dated Oct 21, 1914. W To-- fwsd copy of letter. 4/19	
169262	10/23	Phila	Wave changing switches; fwsdplans	906
169320	10/22	Atl Flt	Reports improvements and details of wave changing switch of WYOMING.W	
169321	10/22	Atl Flt	Fwsd drawing of connections for positive action antennae switches fitted on WYOM- ING; improvement over old type.W Fwd NY-- For comment and rec. 10/29 RB 11/11 To NY--Appvs recommendations. 11/13	
169537	10-26	NY	Switchboard; fwsd plans.W	

SWITCHBOARDS & INSTRUMENTS. RADIO

1914

Number.	Date.	From or To—	Subject.
✓ 112274		SEE CARD 4	Norfolk 2-5 S&A Feb 11 material removed from when tune shifters installed left on board ships. TO DELAWARE: LOUISIANA: NEW HAMPSHIRE: via At. Pitt and 30: CAROLINA. material removed should be turned in at Norfolk yard: will be shipped from Norfolk to NY. 2/13. Fwd S&A 2/13. DELAWARE material turned in Norfolk 3-19 SOUTH CAROLINA 3-18 To Norfolk 3/25. SOUTH CAROLINA'S Fwd Norfolk 3/25 RB 3/30
✓ 117745	2-12	NY	Wave changing apparatus: submits estimate for mig shifters, etc. W Fwd Dept via S&A advisable to postpone mfr until redesign is completed: comments. 2/20. Fwd NY 3/13.
✓ 117939	2-14	NY	5 kw gen tune shifter and transformer for: fwd's print of proposed re design. W
✓ 117936	2-14	NY	Wave changer: fwd's 4 sheets covering design method of operation, etc. W For future correspondence on tune shifters see Tuners.
✓ 118429	2-16	NY	Fwd's prints of switches for remote control antennae, wave length changing switch ND type. W
118956	2-27 3-3	Dept Commerce Dept	Steel mast: rect be erected on same site of old mast: disapproved suggested location. W VOID
121228	3-28	Lowenstein, F.	Rect New York be authorized to sell antennae transfer switches. Ignoring switches to be used on cont 20436 and 20615. W To—more satisfactory to modify different contracts: asks if satisfactory. 4/3. Fwd Dept rec contracts 20436 and 20615 be modified. 4/3.

To—more satis. to provide mfr by
Govt: asks if satisfactory (Seey's
Sig.) 5/4.

SWITCHBOARDS & INSTRUMENTS. 900

Number.	Date.	From or To—	Subject.
121848	4-4	NY 855-75	Proposed standard switchboard for radio tel set: tracing. W To---plan appd and returned.4/10. To---request prints.4/15. NY.4/20 fwsd prints.W
121939	4-8	NY	Radio switches: light, antennae and receiving. etc. fwsd vandyke. W To---request drawings.4/10.
✓ 122558	4-14	NY 47-855-5	Radio Tel & Tel Co. Request permission to purchase antennae switch, etc. to apply to their contract for 5 kw sets. W Fwd Dept via S&A. rec contract be modified. 4/18 fwsd 5/18 fwsd Dept recommendations. 5-18
✓ 123519	4-24	NY 28-372	Switches: insulation of switchboard, etc. b/p.W
✓ 125807	5/22	Ward-Leonard Co.	Requests inspection and approval of a standard new automatic starting panel for radio sets. W To---necessary to submit to NY for test before approving.5/29.
✓ 126315	6/2	Ward-Leonard Co.	Starting panels for radio sets: will submit to New York for test. W
✓ 126645	6/29	NY	Submits additional estimate for manufacturing an antenna switch. W To---appd 6/8

SWITCHBOARDS: & INSTRUMENTS. RADIO

1914

Number.	Date.	From or To—	Subject.	
✓ 114739	1-9	Clark, G.H.	New navy type wave changer switch; reports on installation on UTAH GEORGIA: DELAWARE: WYOMING. W Fwd NY. for consideration. 1/14.	
✓ 114741	1-9	At Flt 79	Recommends tune shifters be installed at shore stations before fleet returns in spring. W Fwd NY. for comment and rec. 1/31 To NY. asks as to vessels and stations where have been installed. 2/16.	
114558	1-7 <i>red</i>	Bost	Re tune shifters. W	
✓ 114901	1-8	At Flt	Recommends re installing radio tune shifters: reports on operation of automatic distance control switches. W Fwd Capt. comments. 1/14.	
✓ 114984	1-13	NY 855-7	New tune shifter and oscillation transformer: recd instructions re issuing b/p to radio manufacturers. W (R) to --- instructions. 1/14.	
18623	1/14	NY P.O.	Have amended to provide for omission of antennae switches at reduction \$32. per set. 629	
18623	1/10	Marconi Co.	Relative to shortage in protecting devices Reqt Bu. waive and agree to supply extra devices on contracts 232, 19812, 20035.	629

SWITCHBOARDS & INSTRUMENTS. 900

Number.	Date.	From or To—	Subject.
✓ 115151	1-13	Wireless Spec App Co	Reqt Bu send prints of wave length changing device. W To---No detail prints will be issued. 1/16
✓ 115431	1-17	NY 855-12	Reqt authority to develop Solenoid antennae switch; reat special allotment \$200 l. To---appd. 1/20.
✓ 115637	1-20	NY 855-14	Antennae switches; submits estimate for changing control of motors for operating. W To---grants auth. to issue job orders. 1/23
✓ 116372	1-29	NY 855-21	Tune shifters; submits estimate for mfg additional jer racks for. W NY 3/28 inc. est. for mfg. W To---appd. 4/4.
✓ 116516	1-21	At Flt	Tune shifters on BS; reports on operation of. W Fwd NY. 2/5
✓ 116518	1-21	At Flt	TEDS; recommends radio tune shifters be fitted on. W Fwd Dept. Bu concurs. 2/10.
✓ 116897	2/5	To NY	Wave changing apparatus; request estimates for manufacture of 20 sets for 5-kw and 20 sets for 2-kw. W
✓ 117096	2-4	NY 855-24	Tune shifters; recommends installation vario-meter for use with. W To---appd. 3/12.
✓ 117097	2-4	NY	Recommends re-design of tune shifter and oscillation transformer, Navy type. W To---appd. 2/10. To---appd. 2/10.

SWITCHBOARDS & INSTRUMENTS: RADIO

1913

Number.	Date.	From or To—	Subject.
✓ 109538	11-5	NY 870-855-6	Tune shifters and distance control switches; estimate for manufacturing. W TO -- (H) auth 11-6 To -- Gives list of ships on which installation is to be made; instructions. 12/1.
110610	11-15	NY	Automatic transfer switches for radio; those installed on F. RIDA satisfactory in principle; faulty in detail. W
✓ 112031	12-4	NY see X-9-7-7	Tune shifters; condenser rack for; submits estimate; unable to complete in time unless authority is granted to purchase material competition waived; suggests Elect. Case Co. W to -- directs purchase of racks and purchase insulators. 12/6 Fwd Dept. request appr of purchase insulators. 12/6 12 10
✓ 111976	12/5	To Dept.	BS of Atlantic Fleet; New York yard authorized to manufacture radio wave changers, etc. request authority to make installations when vessels are at home yards during period at Christmas. W R.B. 12/9
✓ 112274	12/9	To Dept.	Requests orders to Boston, Phila. and Norfolk to send representative from each yard to NY yard for instruct on at radio laboratory in operation adjustment and installation of radio tune shifters. W To NY, Boston, Norfolk, Phila., N.Y.A. installation of tune shifters, etc. authorized; request shipment of etc. gives names of ships involved. 12/11 NY asks if shall have mfg transferred 12-12 (2) to NY. To Norfolk and N.Y.A. request shipment wave changer for DELAWARE to Norfolk. 12/12 Norfolk reports receipt for LOUISIANA 1-15 To Norfolk. recst matrl removed from 338 be shipped to NY. 1-14

CARD No. 6

NB-1020

44-0120

[over.]

1913 1312

SWITCHBOARDS & INSTRUMENTS. RADIO

Number.	Date.	From or To—	Subject.	
✓ 92885	3-19	Marconi Co	Specs covering antennae switches; reqt. interpretation. L. To---Fwd NY. requests inform Co. direct. 3/20. R. L. S.	
94237	4-4	NY 600-13	Fwds tracing of a switch for antennae sending to receiving for 2 and 5 kw sets; estimate for manufacturing. To---Bost. Norf. plans appd; request estimates for mfr of 25. 4/8 Bost. 5/16 (R) will submit estimates within 2 days. W (R) to Bost. reqt estimates. 5/15.	
95207	4/16	NY 600-15	Antenna switch for 2 and 5-kw sets; fwds estimate for manufacture of 25. W To---Boston to proceed with mfr. 5/21.	
95444	4/21	Arlington	Reqt shipment order covering switchboards and angle irona to Metropolitan Elec. Co.	841
95829	4-19	TO NY	Antenna transfer switch; detailed plans; directs be furnished to Telefunken Tel. Co. W	
95612	4/22	NY 855-9	Switch for changing wave length; requests authority to develop. W To---Appd. 4/26.	
96372	5/1	Norf. 3537-1	Quotes price of manufacture of antenna switches for radio sets. W To---Boston to mfr. 5/21.	

SWITCHBOARDS &c. 900

Number.	Date.	From or To—	Subject.
97132	5/10	NY	JUPITER: fwsd print of proposed switchboards 816
97735	5-17	Host	Radio antennae switches; estimate for manufacturing 25. W To---directs mfr. 5/21.
102323	7-25	NY	Antennae switches; recd. authority to install on all radio sets not already installed on W To---appd. 7/26.
103536	8/13	To NY	Radio antenna transfer switches; request estimate for mfr of 15. W
104252	8-23	NY 855-44	Antennae transfer switches: est. for mfg. W To---mfr appd. 8/25.
✓ 104355	8-23	At Flt	Recommends automatic switches for shifting from receiving to sending by distance control be fitted on all BS. W To---fwd NY asks if NY will be able to supply automatic transfer switches. 8/26 To - will install on FLA. 9-12
✓ 106869	10/1	To M. Is.	Auths mfr of 12 antenna transfer switches W RB 11/12 To-NY- fwd print to M. Is. 10/1 To---approves estimate. 11/12
✓ 109111	10-23	At. Flt	Distance control switches, radio tune shifters, recommends be installed on all BS. W fwd NY asks if 20 tune shifters can be mfrd at yard in time to install during Dec. period of fleet at home yards. 10/30

SWITCHBOARDS AND INSTRUMENTS: WIRELESS.

Number.	Date.	From or To—	Subject.	
50487	10/7	To S&A and NY	CHAS. STA. Aerial transfer switch: reorg shipment NY to Chas. Directs NY to mfr.	807
53460	11/11	NY	MICHIGAN: re removing circuit breakers, at expense of TELEFUNKEN CO	286--6
✓ 53613	11/15	To Pensacola	Combination voltmeter and ammeter (Hartmann & Braun). Directs deliver to C.H. Clark. W	
✓ 57465	1/2	To Telefunken W.T.Co.	Wattmeter: suitable for 1-K.W. set. Reorg quotation. W	
58219	9/21	GE VOID	Quotes price on watt and ammeters for use wireless laboratory. W	
57592	1/3	Telefunken	1912 Wattmeter: makes quotation on ammeter: under stands that is what is required. W To---ack. 1/12.	
✓ 58219	1/21 10/2	GE CO	Quotes prices on watt and ammeters for use at wireless laboratory. W To---Articles on rech. 145 received: item 15 not what was desired; asks what action shall be taken. 1/10. States error in estimate in Bu. rech. 1/13 To---Item 1. rech. 145: asks what action shall be taken. 1/16.	
63552	3/6	Colon	COL. N. re type field wireless set required for testing sites. etc	808

SWITCHBOARDS ETC. 900.

Number.	Date.	From or To—	Subject.	
✓ 64569	3-22 3-25	GE Co Washn	Fwds hot wire ammeter to apply reqn. 145. W To GE Co. Ammeter will be returned to Lynn factory. 3/27. Fwd Washn. instruc- tions. 3/27.	
✓ 64929	3/29	Cutter Elec. & Mfg. Co./	Requests loan of motor generator for use in connection with test of circuit breakers for wireless. Fwd Phila. for rec. 4/1. B. 4-8 Fwd NY for rec. 4/9. B. 4-18 To---NY, S&A. Shipment from NY to Co. 4/19.	
75844	8/15	Telefunken Co.	Reports failure of Bureau to return circuit breakers and power factor meters under contract 12899, 1910, for which \$451 was deducted from contract price. W	876
76700	8/26	Phila	ARLINGTON: switchboard for, reports rejection by his office, and acceptance by inspr from Gramps.	841
74	9/17	Arlington	Circuit breakers Weston Elec. Recommends inspection be waived	629-2
			---1913---	
91630	3-1	NY 600-4	Antenna switch; Fwds sample. W	
✓ 92131	3-6	Marconi W. Co.	Specs for; rect. Interpretation W To---3/11.	
✓ 92109	3/10	To NY	Radio antenna switch; returns one which was sh pped to Bureau by GSK, for inspection. W	

SWITCHBOARDS AND INSTRUMENTS: WIRELESS.

FILE No.	From or To— (Dated)	Subject	
✓ 30004 1/24	NY 855p585-4	Fwds tracing of switchboard or wireless room To -- apprd. minor changes made on print 2/15.	
33276 3/8	Marconi W. T. Co.	APPARATUS: fwds photograph showing std ship switchboard for wireless; also cmt of motor generators; quotes price.	876
33663 3/1	C.O.	STRING AM: repairs:	418--5
35910 4/11	To Harf. & NY	RECEIVED: shipment of lightning switch to	824
39024 5/18	TO NY	5kw switchboard: directs standard drawing be prepared. W	
40952 6/9	NY 925-855-4	Switchpanel for wireless rooms; fwds prints. W	
41318 6/13	NY 925-855-5	Switchboard panels for wireless rooms; fwds tracing. W To -- Apprd. 6/24.	
42265 6/22	NY 925-858-8	Fwds tracing of panel for wireless room. W To -- Apprd. 7/7.	
46867 8/21	C.O.	N. Dakota: reports removal of Telefunken A-C Circuit breaker & pwr factor meter by Co	321--6
50478 10/7	To SIA & NY	Aerial transfer switch: Request shipment from SIA. SIA directs NY to SIA.	807



[illegible]

Number.	Date.	From or To—	Subject.
588542		FROM Canal 9	J. L. Schanowsky in re his letter from to acquire patent covering distance sketcher at 16 200 10/13 2. Fwded Dir Intelligence 10/18
14879- 521	9/29/22	E.K. Aero..	Radio telegraph- guiding aircraft with electrically excited cable.
645514	10/18	To Radio Corp of Amer	Handling of Radio Traffic- Request permission for Representative from Bureau to visit plant W Radio Corp 10/20 W

1922

Number.	Date.	From or To—	Subject.
647359	10/31	To General Radio Co	requests a proposed plan and cost of a wave length alarm be submitted to BU. W
648442	10/20	R. A. Fessenden	Radio telescope - gives reasons for delay in furnishing information. To Prof. eg. A Fessenden - gives inform 11/8
648089	11/8	To CU Anacostia	Teletype Recorder - requests inform on relays, amplifiers and circuits / Anacostia 11/16 Teletype records report with diagram W
		To F H - via MI - gives action taken 1/6/23	To MI - gives dispo made of transmitters 12/8
		To MI - gives action 1/6/23	To Washn - Fwds prints - gives instrns 12/9
			To F H via MI - Fwds prints - gives instrns 12/9
649937	11/15	Slocumb Co (H. L. Pyle)	Wash 12/21 Report on cost W
			Washn - gives inform rel instrn 1/6/23
			Writes rel to system H. L. Pyle discovered rel to firing of explosives without wires W
			To H. L. Pyle (actg Sec sig) Gives inform co Dept 11/22
			JAG 12/15 Fwds letter from H. L. Pyle requesting report W
			Fwds J A G 12/27

Number.	Date.	From or To	Subject.
19528	4/22	To Mr. Standards	Radio Lab. re Radio Tech. problem 1120-5 Radio Lab. re Radio Tech. problem 1120-5 Radio Lab. re Radio Tech. problem 1120-5
583145	FROM CARD 10		Bur Stand Labr-- Subm report by Dr. Miller. 5/6 W Tomugh R Sprado-- Gives comments 5/23
622135	5/10	To General Radio Co	Reqst le furnished a description of equipment and state whether or not material is available for a test at Navy Lab W General Radio Co- fyds circulars describing purchase 5/11 W.

1922

Number.	Date.	From or To—	Subject.
625908	5/27	<u>Aktisbalaget</u> - Stockholm (T)	Rel to invention of Hammond gov. secrecy in radiograms- request await results of their test. W To Intelligence- request report 6/8- RB 6/9 W
640834	9/9	H. F. Garry (T)	Request auth to demonstrate ability to transmit power also to receive and transmit voice and code all thru same instrument. to MI (T) Quotes from dispatch recd from Garry Co 9/11 Mare Isl- fwsd printed matter. 10/26 W.
641634	9/20	10 N1	Creed automatic telegraph system- Demons- tration of- reqsts inform rel W N.Y.- fwsd description of creed high speed apparatus. 9/27 W fwsd to Anacostia 10/4 to Gen Radio Co- reqsts recorder be submitted for test 10/19
14898-5209-20-22	09-20-22	Anacostia Air Sta To Eng	Radio Telegraph- Jenkins System for Transmission of photographs.

Number.	Date.	From or To--	Subject.
554888	FROM CARD 12		Bar Harbor- (T) Photographic test to Bar Harbor now on. 6/7 W. Bar Harbor- (T) Photographic message recd by Lauen. 6/9 W. Bar Harbor- (T) Photographic messages sent. 6/9 W. To Bar Harbor (T) Yes 6/9 W. To NY-- rel return of Korn apparatus, for photo transmission to Italian Government to sec Rome O-I-C Maine- W 6/17 To Bar Harbor to Sec NY B14 6/15 R 6/30/22.W To S14. Request shipment of apparatus from NY to Rome 6/15 To O-I-C Bar Harbor- rel return of apparatus 6/15 To Dir of Naval Intelligence- gives instrns 6/20 Rome 6/19 Copy; Request mach be returned July 15 W Bar Harbor 6/22 T Korn apparatus shipped W Naval Intelligence 6/22 Fwds photos of His Majesty. The King of Italy sent by Korn apparatus W To Office Intelligence- Gives disposition of apparatus 6/24 To NY (T) rel shipment of apparatus 6/23 N.Y.- Copy actipn to Naval Attache Rome. 7/10 W N.Y.- Korn apparatus recd. 7/10 W. Naval Intelligence- Further report. 7/31.W. N.Y.- Apparatus delivered in good condition. 8/31W Naval Intelligence 8/29 Ask if Naval Attache should pay shipping charges W Fwds NY 10/4 8/29 10/11 W Mr. A. Korn 9/29- New apparatus constructed in Berlin- test could be made between Lauen and United States. Fwds Nav Intelligence 10/14 W Fwds Dir of intelligence 10/27

1922

11

Number.	Date.	From or To	Subject.
554888		fwdded from card 9	To Dir of Naval Intelligence Radio Photography Submits Recommendations 1/16 W Naval Intelligence- was report from Naval Attache Rome- also letter from Dr. A. Korn cov radio photography. 5/8 W To Dir Naval Intelligence- Gives Action taken 3/18 Naval Intelligence- 4/4 W Naval Intelligence- 4/21 W Naval Intelligence- 4/21 W test be postponed until 5/5- 4/26 W Rome- Copy- request auth to pay cost for test. 5/3 W Bur Stand Labr. Fwds report of travel for Miller. 5/5 W Navigation- Fwds correspondence rel to 5/5 W Rome- Copy- test on Korn apparatus postponed. 5/10 W Fwds Navion 5/13 Rome- Copy- M.Y. World desires to make own test; Italian authorities offer no objections. 6/1 Naval Intelligence- 6/5- Fwds report from Naval Attache Rome with photos cov Korn Apparatus. W Fwds a newspaper clipping concerning a radio test which took place and telephone tests on 5/10- 6/1 Western Ele. Co. Comments on demonstration. 1/31 W 10-- WAX report 6/1 To W. H. Corp. of Elec. Co. 3/10- 6/1 radio Corp- 2/7 W
TO CARD	12- 4		
600488	1/24	To Western Elec Co	
600488	1/2	To W. H. Corp. of Elec. Co.	

1922

Number.	Date.	From or To-	Subject.
609047	2/8	R. Preece 875	Claims to have devised a system of radio communications which dis uses of antenna wires either over head or under ground. To Mr Preece on- Regst in Rm 5/14 To-- Regst data 3/29
616405	4/1	To Mr Arthur Leslie	no inform available about Trans-Atlantic transmission of photographs by radio cc Dir Commns W Keystone View Co. get copy of notice concerning invention of apparatus for transmission of photos by radio. 4/3
616405	3/23	Keystone View Co.	Request inform and photos or photos read by wire loss. cc Mr Leslie 3/29-4. To Arthur Leslie- No inform available 4/4 W cc Mr Int. To Keystone View Co. advises might get a copy of Article from A Press Clipping "A W"
14729-520	4/11/22	Eng---Comdt 3rd N.D.	Radio Telegra h- Special Apparatus for Radio Photography.
14694-520	4/10/22	Eng---General	Radio Telegra h- Test of special Radio Apparatus for photography.

Number.	Date.	From or To—	Subject.
590391			
		fwded from card 10-11	To J B Brady- special type of keyboard and receiving equipment- Gives increas in number W 3/29
			To-- J B Brady- Regst progress report 3/29
			3/30 J.B. Brady- Plans are now being completed.
			J.B. Brady- Further comments. 4/15 W
			To J B Brady- Regst inform 4/18
			J. B. Brady- Gives charge for complete instip. 7/20
			J. B. Brady- Tests will be started 15/21
			J. B. Brady- BB 4/29 W.
			J. B. Brady- J. B. Brady can assist in operation of teletype during test. 5/10 W.
			To J B Brady 4/28
			To J B Brady- 4/29 W-
			J. B. Brady- Special keyboard will be shipt in next two days. 5/3 W.
			To CU Anacostia Rel tests 5/6
			To J B Brady- Exact date will be given 6/3 W
			J.B.Brady 6/17 W
			J.B.Brady- Will make delivery within contract time. 6/28 W
			To J B Brady- comments 6/28 co Anacostia 6/28
			J.B.Brady. 6/28- J.B.Brady can out speed in half by changing 66 pins. 6/29 W.
			J.B.Brady- Morkrum Co. will supply any technical data desired. 7/11 W
			J.B.Brady- Fwds warning of patent infringers issued by Wireless Spec.Co. 7/11 W
			To J B Brady- Gives Inform 7/14
			To J B Brady- Gives Inform 7/14
			J.B.Brady- Fwds letter from Morkrum Co. rel to relay lag. 7/20 W
			JB -Brady Communications 7/21 W
			To J B Brady- Shipment will be made within a week W
			To J B Brady- comments 7/28
			J. B. Brady- Apparatus shipt 8/11. 8/14 W
			J. B. Brady- Fwds print showing operating diagrams 8/21 W

1922

Num. 590931	Date.	From or To—	Subject.
	FROM OVER		J. B. Brady- Fwds description of control apparatus. 8/24 W J.B.Brady- 8/31 W J. NB Brady- Teletype will be furnished Anacostia- 8/2 W. 9/12 J. B. Brady- Rel to future design of appra. W. To J B Brady- does not consider that a lower voltage motor is neccy 9/14 J. B. Brady - Loans Bureau 110 volt motor which is to be attached to the teletype printer at Anacostia. 9/27 W To J B Brady- gives inform rel work 10/2 To J B Brady- submits data 10/5 J. B.Brady- 10/9 W * J.B. Brady. 10/16- Fwds parts for aircraft keyboard. W J.B.Brady 11/14 Ask if bureau desires Morkum Co submit design for improved form of control unit. W To J B Brady- would be pleased to examine and test models 11/18 J.B.Brady- 12/12 W To J B Brady- comments 12/16 To Boston- gives action taken co Bar Harbor 12/20 To Washn- gives action taken co Air Commns 12/22 J.B.Brady- 12/26 Ask voltage desired for magnets W J.B.Brady 12/27 Fwds manual of instructions for teletype with detailed comments on W To J B Brady - Gives inform 1/4/23

1921

Number.	Date.	From or To—	Subject.
590.91		~~Failed from card 10~~ ~~card 11-A~~	To J.B. Brady ask to be allowed to retain tele-type printer for temporary loan for test 11/29 W J.B. Brady-Morkrum Co. will loan two teletypes for test. 12/7 W. J.B. Brady- Have asked Morkrum Co. to develop a key board transmitter. 12/7 W. J.B. Brady- Suggest Bureau representative stop off in Chicago for visit to Morkrum Co. 12/9 W To J.B. Brady Gives inform rel test 12/13 To J.B. Brady Rel test of cc. sent 1/21 To J.B. Brady Rel size allowable for trans. 1/21 J.B. Brady- Gives quotation cov key board transmitter. 12/31 W To J.B. Brady- Gives Action 1/14/22 J.B. Brady- Post report of test. 1/26 W J.B. Brady- Offers substitute relay circuit. 2/2 W J.B. Brady 2/4- Suggest page printer be tried out. 2/4 W. To J.B. Brady- Gives report 2/13 J.B. Brady- Ask number of control circuits nec. 2/23 W J.B. Brady- Request copy of requisition cov keyboard transmitter. 2/23 W To J.B. Brady- comments-2/24 W To J.B. Brady-Morkrum Co. rec'd to bid-3-1-W J.B. Brady- Gives photos and descriptive matter on radio dynamic control apparatus. 3/14 W Sends pamphlet cov research in conn with dynatron by F. Holborn. W.
597971	10/21 11/29	Nav. Observer Berlin Communications	

Number.	Date.	From or To—	Subject.
600669	1./21	To Dir of Nav 1 Intelligence	Inquiry re purchase of apparatus of Mr Edward Selin for transmission of photographs sketches and writing. RB 2/28/22 W Naval Intelligence— And copies of correspondence with Naval Attache Paris. 3/2
		1922	
594516	FROM CARD 10		Westman Kodak Co. 1/4 W. Rd Boston 1/7/22

Number.	Date.	From or To—	Subject.	
376992	8/4	Annapolis (T)	Report on photographic transmission test by French engineers. W.	
✓ 379750	7/8	R. A. <u>Neer</u>	New system of telegraphic telegraphy is of the 9th circuit type. W. To 8/13	
579757	8-9	To Edouard Belin via L.I. and Annapolis Sta	(T) Acknowledges message and photographs. W	
580001	8/11	Annapolis (T)	Mr. Bailey advises had authority from Dept to conduct photographic test 8/11. W. Annapolis- L.I.- Report on photographic transmission test 8/11 D.	
580000	8/12	Annapolis Sta. (T)	Report on successful sending of photo by radio. W.	
582567	8/26	Edouard Belin Copy	Request authority to use receivers in conn with transmitting photographs. W.	
583145	7/26	Hugh R. Sprague	Proposed system for photographically recording radio signalling. W.	
TO CARD 15	8/24	Mare is-1/4	To L.I. for cc of patent application covering same 9/14 To Bu. and- Rsts comment 8/3 W	
34213-520	8/8/21	Alusna Paris- O.N.I.	Mr. Berlin thanks navy Dept. for its valuable cooperation.	

SYSTEMS

184

Number.	Date.	From or To—	Subject.
588640	10/7	To O-I-C Bar Harbor via Boston press publicity in connection with system of Mr. Bolin— Gives instrns W 10/22 W	To O-I-C Bar Harbor via Boston 10/25 RB 11/9 W
			To Ewald Bolin— Ack receipt of radiogram 11/5
589590	10/12	To Hammond Radio Research Lab. re papers covering patent application on "wobbler" system. Request papers be expedited as soon as possible W 10/12	
590931	10/20	To Bu Standards J.B. Brady— Meritum Co will send test type transmitter 11/16 W	Assignment of radio research problem— Request recommendations W 11/7 W
590932	10/20	To Co Anacostia J.B. Brady— Gives inform lab test 11/12 W	Assignment of Radio Research problem; Request recommendations W
591618	10/18	Comdr Hooper	Conference with Mr. Bolin, French inventor of radio transmission, handwriting, etc W
594516	11/4	To Eastman Kodak Co— Gives info re test sheets in photo wrap film tape for Kodak Co. 11/14 W	To Eastman Kodak Co— Request inform re tape of Boston 11/10 W
594519	11/3	Bar Harbor	Report cov test of French radio photographic apparatus of Bar Harbor.

1920

9

Number.	Date.	From or To—	Subject.
✓ 499828	6/15	Popular Science Monthly	Request information rel to sending of wireless messages by phonograph as used by Germans. W To suggests take up with some radio co 7/19 ^W
501977	6-29	To John Firth ✓	Recst Dr McCas make arrangements to be at testing lab prior to July 10th 1920 W
503991	7/9	To Anacostia	Radio telegraph- demonstration by Dr. D.C. McCas of static eliminating radio receiving system. Recst permission be granted to make demonstration at Anacostia. W Anacostia station of McCas station eliminating receiving static 7/9 To Dr DG McCas. co J/Firth. a. r does not prove efficient for naval service 7/27 McCas. 7/23 W
✓ 507950	7-28	To N.Y.	Recst info on transmission of photographs by cables. N.Y.- Subm report and sample photos- 8/26 ^W
4 488542	FREE CARD #8	To Guthell White Co 5/24/21	9/1 1920- Will be in Washington about 9/14 To Secty War. suggests rep of dept make arrangements witness tests. 9/14 Bu Standards; submits report: 9-15; W Dept- Acknowledges and thanks. 9/23 ^W of proposed contract in connection with apparatus capable of transmitting hand written messages by radio. 9/23 ^W To Guthell White Hotchkiss and Mills- 2-9 To Guthell White Co 3-7 Guthell White Hotchkiss & Mills- 3/9 Ends Austrian patents W. To Intel 3-11 BB 6/6 W To Guthell Co 3-11
	Guthell White Hotchkiss Mills- Samora and Tschornner have opportunity to sell apparatus to private parties if navy is no longer interested. W. 11/28		
	To- Gives Detld in form 11/5		
	C. M. H. & M.- 12/7 W		
TO CARD 14			

SYSTEMS: RADIO

1920

Number.	Date.	From or To--	Subject.	
523559	10-21	To Navgn	Recom ends copy of letter of comendation be placed on record of Lt. W.A. Eaton- To Washn 10-23	W
540388	1-17	To Elen T. Takemine	Returns pamphlet in conn Amer patent recently issued by you- Does not desire make test of apparatus aboard naval vessel W	
553101	3/26	To Radio Corp of America	Reqst inform on results obtained by co at transatlantic Receiving stations with reference to static and Stray reducing system W Radio Corp America-Ask when our representative will visit station. 3/29 W	
554882	4/2	To intelligence	Reqst arrangements be made for Chief Garner Paterson to inspect app and witness test of same W --Wireless photography Nav. Intelligence- 1/23/20 Rome- 1/10 sends photos with comments on adv range holder and signaling device for aerial torpedos. W To G.E. Shoemaker 5-17	
561937	5/4	G. E. Shoemaker Ordn.		

SYSTEMS

RADIO

Number.	Date.	From or To—	Subject.
464969	12/22	Washington	Subm report of Uni wave arc Signalling system. Wash - ask if Bu. desires additional keys installed - W To Wash. auth gr nted for expd of 330C 4/29
465928	12/27	Naval Attache London Communications	Washington - Request drawings covering manuf of individual loading coil units. 2/13 To Comdt Wash- fws drawings 2/24 Washington- Request loading coil units be turn. 3/8 To Wash- auth induc units 4-8 copy NY Subm information rel to inventions of A. Sanger in conn with transmission of written communications etc. by wire and by radio Fwd D.N.C. 1-23 M. Sanger- (T)- Request interview in conn with invention. 1/30
473805	1/28	Fed. Tele. Co.	Recommend insltm of single wave signalling system be made at San Diego station. 4. x 898
OTHER	2/17	To Fed Co (T)	Fed Co copy MI 2/9
SIDE	2/17	Is. T-Fed Co intends to install system at San Diego only Govt matl required is large series condenser-3.120 are island. Request authority for Frisco Sta. to undertake experimental work single wave system. 3/29	Fed. Co. - (T) Request authority to make insltm of single wave signalling system at South Frisco Station. 2/16
Fed Co.	3/25	Subm quat. on cov insltm of single wave signalling system at San Diego. x 890	To M.I. (T) 3/18
475548	2/11	Nav. Intelligence	Subm information rel to wireless telegraph machine without antenna on which experiments are being conducted by Senor Rangel, in Mexico. To Radio Corp. 2/16 translation Radio Corp of American 2/16
483893	3/24	H. W. Kitchin	Comments on multiplex radio telegraph and telephoning by F. M. Ryan and J. B. Tolmie, and H. O. Bach to appear in proceedings of institute of radio engineers - fws copy of. W

Number.	Date.	From or To—	Subject.
473605		SEE OTHER SIDE CARD	Fwded Secty- 4/2-rel development of single wave signalling system for high power arc transmitting station W To M.I. (T) authority granted Rad Co 4/2 RB. authorizing expenditure of \$10,000. 4/9 W. Communications 4/9 To M.I. (T) desires work expd 4/14 Rad M.I. via S&A 4/14 Guam Copy- first new allotment of \$500 to complete loop at Rigo; original allotment exhausted. 4/8 KW. Mare Island 4/14 (T) To MI- (T)-Guam- Rel allotment with 4/12. Mare Island- (T)- Rad Co. accepts contract covering movement of Helix and proceeding with preliminary work. Charles Wrights; subm esti- mates. X B30 Mare Island- (T)- Report on test. 5/3 W To Communications- quotes test of Mare Island, cove radio apparatus. 5/6 Mare Island 5/13 W Boston- report on test. So. Frisco- fwsd tape. 5/20 W Rad M.I. 5/20
489454	4/23	W.L. Carlson & Carl U. Hanson	Fws specifications and drawing of telegraph system W.
488542	4-23	To Nick Sander	Regst fwd more information on invention. W To Nick Sander- asks further info 5-1 To Intelligence- regst cooperation in re to securing passports and assistance in re comm with demonstration of radio 6-17 in conn with key system at Bar Harbor single wave apparatus. South Frisco, elimi- nation of mesh with arcs, etc. W.
490536	4/18	H Pratt	

N. S. E. RADIO

Number.	Date.	From or To	Subject.	
429012	8:26	West Elec Co	In con with argen. agent for devel of C E Harrison's device and arrangements.	W
437815	8:5	Exp Station Test 1043	Report of demonstration of spec radil app invented by Mr. Peters. W To Ordnance- fwd copy of report- Req dis auth given Mr Peters 8/12 RB 8:16 W V Dixon-Reqst copy report of test. 8:19 To Annapolis- cano auth given in ltr of 6/13 for devel of device Mr. Peters 8/20 To W B Dickson-Bu has no report of test of gun. 8:25	
438958	8:7	Bu Stand Anacostia 9-8 Fwds report To Bu Stde- ask if can carry on experiments 9/30 Research Prob No 21 Bu Stand ltr - 10:7 Bu Stand Rech Labr-4/19 W	Acceptor, rejector circuit, fwd report with prints cov. W Bu Stand - Fwds photos and diagram of acceptor rejector circuit for reception. 8:15 Bu Stand-Comments on acceptor rejector circuits. 8:16 To Anacostia Radio Lab fwd copy of ltr of 8/16 for info research prob 21 8/21	
440174	8:14	Bu Stand	Submits comments on system for suppressing carrier wave of radio sigs. W	
463064	12/11	Bu. Stand. Research Lab.	Submits report of radio aid C. Speaker on wave form of Speaker system - W	

SYSTEMS RADIO

Number.	Date.	From or To—	Subject.
440558	8/21	To Lab via Anacostia	Sends prints copies of treatise on acceptor rejector circuit sub by Rad Lab W
445534	9-11	Anacostia	Submits new method of amplification and re-radiation. Dr. Hooper and Cdr. Taylor—Application for patent on combination of reradiation system with wired wireless. 2/19 W
✓ 446737	9/19	Elec Experimenter	Reqst info re invention by cable submerged. Cross to 674 To The Electric Experimenter—will not give info covering until tests made 9/22
5045	11/28	To Boston	Reqst Mr. Hammond be permitted to make 629 such alterations to the spark gap or other parts of the interleaf radio sets Hammond types 13 and 3 which he considers advisable. copy to John Hayes. W.
462948	12/11	Bu. Standards Research Lab.	Calls report of radio aid C. Speaker on a new system of radio telephoning - W

4-3381

RECORDED: 10

Number.	Date.	From or To—	Subject.	
37415	12:2	<u>Hammond Res Lab</u>	D O Birchard and C S Miller from graduating class at Harvard Radio School chosen. W To—Bu Nav Asstd to detail G H Baulson & Donald O Birchard from Harvard Radio school for exp work and test in conn w Ham. Rad Transmitter. 12/19	
375131	12:9	<u>Cont Impr Tool Engr Co</u>	Asks material order on S M West cont cov lines, coils, etc.	
375553	12:16	<u>Ear Harbor Co. W</u>	Will set up new radio system covd at Harvard, in future to be used. W	
392613	2:9	<u>European Force</u>	Submits report on radio tel system. Gunner M Kenney-Submits comments on new system of radio sig. 2:3	W W
391119	2-5	To Gunner Mathew Kenney via Comdr Naval Forces operating European Waters	Advise has examined method of receiving radio signals as outlined by you, letter 12 27/18, method in use by Navy in its radio compasses,	
405299	3:24	<u>Amapolis</u>	Sub report of valve test proposed by Fed Co with Ottercliffs.	W

1917

SYSTEMS: RADIO.

Number.	Date.	From or To—	Subject.	
✓ 252316	9/29	To Signal Officer War Dept.	Fwds letter from H.V. Roome, relative to signaling along the lines of wire and cable by means of alternating currents. W (Cross to H.V. Roome)	
✓ 253952	10/8	Jos A Steinmetz	A.L. Frankenfield; scheme for increasing radiating power of sending apparatus. W Steinmetz fwds copy of letter to Mr Frankenfield 10/17 To— Reqt Mr. Franklin confer with Bu. 10/16	
262679	11-8	M Ia Yd	Improvement in means of sending messages automatically by telegraph or wireless. Fwds description and report on - invented by J. J. Cherry.	898
✓ 268219	12-18	D G McCaa R	Device for locating metallic bodies; fwds description of. W	
✓ 270186	12-28 12-28	L J Kane Communications	Request authority to use experimental ap- paratus for development of wireless ray for absorption sound waves, etc. W To— 2/20 L.J. Kane will present when idea is perfected. 2/28	
✓ 287358	3/8	To F.F. Steinbrock	Experimental wireless control. Reqt description and further particulars. W F A Steinbrock submits new development carried out on radio control system. W 5:15 To N Load- Returns letter of F.A. Steinbrock without action 5-22	

901: SYSTEMS: RADIO

Number.	Date.	From or To—	Subject.
287689	3/9	To H. Is. T	Ask for address of E. C. Hanson of Los Angeles if is available. W
			M Is-gives address of E.A. Hanson. 3/9.W To Signal Corps--Will advise address when known. 3/9
✓ 310183	5-24	To Sims	Is Johnson Wireless tel system with tested and not tested by Commander D E Belmont in 1914. Not tested in 1914. European wire only Johnson tel. cs not of any value. 7/13
329928	6/28	To Belmar	Reqs. to assist Mr. Alexanderson on experiments. W
331542	7:17	J Hays Hammond	Tel sets completed. W
332712	7:29	Harvard Radio School	W. Hays report on test of radio sig apparatus to J Hays Hammond Jr.
33357	8/1	Phil. Service	Radio apparatus, covered by the Richard fund, offers to the far east

1916

SYSTEMS: RADIO.

Number.	Date.	From or To—	Subject.	
187916	4/27	Harndon, T. R.	Request permission to test his system of sending messages by radio thru the ground with Arlington	903
188508	5/17	Washn	Reports on test of Hallberg relay	898
✓ 196372	4/25 8/12	Conrad Reno Dept	Directs officer be nominated to confer with Col Squier, USA, in connection with offer of radio transmitter and motor for use on aeroplanes and submarines. W Fwd Dept—Designates Lt. Hoopes to confer with Col. Squier. 8/17	
196480	8-14	To F.P. Cobham.	Offers to make inspection of plans and spacina of wireless obliterator. W	
218768	3-16	Braun? WPM	Murgas system; asks if any use to Govt. W	
221354	4-5	Dept	Copy of letter to Aeronautic Wireless Division (William Russell), relative to test of radio communication between aircraft and motor boats.	876
22320	4/13 4/20	W. M. Moon C&R	Calls attention to his son's invention. W To—Reqt detailed description of. 4/30 Hon. W. C. Adamson fws letter and sketch from Mr. Moon 5/31 To—Comments on 6/4	

SYSTEMS: RADIO. 901

Number.	Date.	From or To	Subject.
✓ 234155	none	B.J.Corder	Fwds specifications of his multiplex wireless telegraph system. To—Not desirable to make change at this time. 6/29
236890	6-29	C C Golbrich & Son	Wireless telegraphy: calls attention to their system. To—Comments on. 7/6
237237	7-7	To Wash.	Special test of simultaneous trans and rec. Directs make test of our wire's system. in connection with Prof. Hazeltine. 875
✓ 244998	8/21	To Dr. Cox (See Sig)	Ask when will be ready to make demonstration of radio system. Dr Cox 8/25 Fwd Navy Com—8/30 R B 9/6 To—Prelim test of apparatus auth. 8/30 To Wash—8/30 Dr Cox 9/1 To—Comments on test. 9/6 To Herbert Scutt—1/5 To 3rd Dist—Auth Cockaday to use antenna. 1/11
248493	10/19	To L.M.Cockaday—Submits report re lowpower radio transformer. 11/19 To—10/19 To—Test will be conducted at Wash. 10/22 H. Scutt NY Communication To 3rd Dist—10/11 To Wash—Instrs re test of Cockaday apparatus. 10/19 H Scutt (2 letters) 10/18 H. Scutt—reports on status. 1/2	Writes rel to experiment of radio by Mr. Lawrence M. Cockaday. V.W. To Wash—9/26—NB—11/10.W To L.M.Cockaday—Directs fwd to Wash for test. 9/26 NY Police Dept request confirmation of approval of L.M.Cockaday to test out wireless invention 10/5 Fwds corres from Herbert Scutt and Lawrence M. Cockaday, rel to securing another transformer to carry out experiments with their new system for sending musical not.
250123	9-24	NY Communication Supt	

SYSTEMS

1913

3

Number.	Date.	From or To.	Subject.	
102861	7/29	San Diego	Reports on ARLINGTON - PAULSEN TEST.	903
117790	2/17	Austin, L. W.	Goldsmidt Radio Stations; Hanover, Germany; Reports test with by Arlington; was heard Feb. 5th and 13th.	903
117878	2/5	State Dept.	Calletti system; directs arfft be made for test between station at Leschaux, France.	903
136582	10/10	Dept	CALIFORNIA; reqt Paulson set be installed; proven satis on WEST VA.	147-6
138930	11-5	Falk, H.L.	New radio system; renews reqt for test. To-- Req't description and drawings of.	11/9
144285	12/20	SAN DIEGO	Report on operation and installation of Paulsen arc set; recommends for long distance work	147-6
146751	2/8	Office of Aero	Quotes cable from Naval Attache Paris relative to the purchasing of Ronzet Aero wireless system; recommends	876
148210	2/23	Nav Intel	Rozet system of radio for use on aeroplanes	876
144985	2 1/19	Dept	Arc type radio apparatus; sums up excellent results SAN DIEGO and WEST VIRGINIA and Arlington; directs number of sets be procured for armored cruisers and vessels on distant service; also WYOMING and NEW YORK be completed prior to sailing of fleet	876

SYSTEMS. 901

1915

Number.	Date.	From or To—	Subject.	
164936	8-24	Anderson, T Scott	Fwds description of his readio system and automatic condon ex. W	
		To--Take up with Nav Attache. 11/3	To--Ack receipt of, 9/8	
			To--Re demonstration of, 10/1	
			Anderson will take up matter Nav Attache	10-19
166297	9-29	Hough, R.H.	To Nav Intel--Reqt Nav Attache take up. 11/3	BB 2/2b16
			Fwds description of his new sys wireless tel which can be isolated	635-1
170988	11/8	Elec School	Reqt copy of instructions for use of Poulsen type arc apparatus	707-3
176011	1/12	To Aero	1916 Aeroplace radio equipment; have reqt'd shipment of 4 aero radio sets to Pens for use of the aero service; gives instructions re installation; have reqt'd New Orleans to detail Radio Gunner W.C. Bean to Pens to conduct experiments with sets	903
✓ 176259	1-10 1-14	Radio Apparatus Co Supt	Request list of stations equipped with Poulsen system and those contemplated. W To--Unable to furnish owing to confidential nature 1/15	
179317	2/9	Pac Flt	Fwds suggestions of Gunner W.N. Panning, for using different tones instead of dots and dashes for sending code messages; typewriter and duplicator, operations of shore stations	876
183631	4/3	NY	Letters from N. Tesla relative to his wireless system	876
185202	4/14	At Flt	Evck generator and Dublier transmitter used in making a test of a radio aeroplane; fwds photographs	876

Number.	Date.	From or To--	Subject.
✓ 45054	7/12 7/31	C. Lorenz Aktiengesells- chaft Dept 12479-430	Fwds description of new wireless appara- tus "Multiple Sound System". W To---Not prepared to place an order. 8/12.
45048	7/31	Nav. Intell.	7/27/12: fwds pamphlet re experiments abroad and copy of A. Fleming's book "Principles of Elec. Wave Telegraphy and Telephony". which contain data of similar character to that covered by Dr. Austin's paper. 903.
✓ 46020	8/6 8/10	The Falk McManis W.T. Co Dept 11591-4	Offers to equip STRANGER or any other ves- sel in New Orleans waters with wireless free of charge for test. W.
✓ 48792	9/14	NY 936-855-29	Spark gap developed by F. J. Simon: present for test by Nat. Elec. Sig. Co. Reports on test. W To Nat. Elec. Sig. Co. Fwds. re. port 9/12
✓ 61731	2-19	Finkel Belmont Co	1912 Invites attention to new system being placed on market by Haes Mfg. Co. also improved tower; submits specns. and print of same. W To---Suggests interview. 3/16.
✓ 61698	2-13	Falk, H.L.	Have sets ready for test on STRINGHAM OR BAILEY: recd. shipping instructions. W. To---& Acad. Instructions. 2/24. Returns letter. 2-29

SYSTEMS. 901

Number.	Date.	From or To—	Subject.	
78894	9/25	To Leach Thomson FEDERAL TELEGRAPH Co.	Grants permission to make experiment test of his apparatus at ARLINGTON (PAULSEN SYSTEM)	876
80523	10/7	M.I.s.	Federal Tel. Co. test of PAULSEN apparatus at ARLINGTON. rec. to be advised of dates re M.I.s. sta. can listen in.	876
81413	10-23	Taylor, R.W.	New system which does away with aerials. W TO -- instructions re 10-31	
81551	11/1	Hill, Guy	Reports on NATIONAL ELEC. Co's HETERODYNE system	876
			1913	
90629	2/12	M.I.s.	TESTS: reports on test of Paulsen receiving set installed by FEDERAL TEL. Co. at SAN DIEGO favorable.	903
91418	2/28	Guy Hill	Federal Telegraph Co's POULSEN Sets. makes comparisons between results of tests and experiments with apparatus of other companies	903
97915	5/21	Federal Tel. Co.	Test of PAULSEN generator at ARLINGTON objects to on account of patent situation.	903
101230	6/30	Marconi Co.	Twds report of the British committee on radio stating that Marconi systems only one suitable for Great Britain's chain of wireless where efficiency of work over distance of 2000 miles is required.	881

FILE No.	From or To— (Dated)	Subject	
✓ 30676 2/2	TO M.Is.	Poulsen system; reqt. report as to whether stations reported to be equipped with are operating satisfactorily. W	
✓ 39903 5/6	Dodd, Lt.E.H.	Hwds report of investigation of stations on Pacific Coast, operated by the Poulsen Wireless Telegraph Co. States both apparatus and stations are effective. W	
✓ 40816 C/9	Nat.Elec.Sig.Co	Invites attention to new Hetrodyne system; with which they are fitting United Fruit Co. recommends Bureau hold back orders on schedule 3571 until this system is investigated. W To -- willing to test at NY Yd. 6/12.	
✓ 41047 6/13	TO Nav.Acad	Poulsen System; reqt. test of. W	
✓ 42324 6/27	Nat.Elec.Sig.CO.	Calls attention to new 2-k.w. transformer and quenched spark gap developed by Mr. Simon. Reqt opportunity to have tested. W Hwd NY for comment and ret. 7/1. R.L. 7-18 To -- if desires test, directs deliver items at NY Yd. 7/14.	
✓ 43904 7/18	Nat.Elec.Sig.Co	Will submit quenched spark gap and resonance transformer of Mr. Simon to NY Yd. for test 24th inst. W	
44263 7/22	To M.I.	TELEPHONES: Poulsen: directs purchase of 2 sets for testing purposes	902



TELAUTOGRAPH.

(radio)

all see registering machines.

1913

Number.	Date.	From or To -	Subject.	
83050	11/16	Gray Nat. Telautograph	MICHIGAN: agrees to exchange present instrument with one that is water proof.	286-6
83994	11/26	At. Fleet	Reports on radio signalling during TARGET Practices, makes recommendations re--	493
			1913	

Number.	Date.	From or To	Subject.	
174687	12/23	Phila	Screws; reqt decision as to whether or not the ASME standards are to be used for radio equipment	738
176613	1/6	M Is	Radio transmitting set specs; proposed	876
177444	1/27	Phila	Specs for radio set; reqt interpretation list of spares	876
180398	2/21	M Is	Ultra audion bulbs; submits specs recommended for	898
183019	3/29	To S&A	Specifications for radio arc set; ship and shore stations; fws copy for blueprinting for issuance to manufacturers of radio apparatus	876
186034	4/26	Phila	Radio switchboard; specs for radio sets will require departure from standard switchboard drawings; request instructions	900
185668	4/28	To Fed Tel Co	Specifications for Radio Arc Set, Ship and Shore Stations; fws copies of	876
186348	4/25	M Is	Spark gap; mica rings; reqt specs covering	898
9545	5/8	Wireless Imp Co	Recommends changes in specs for Litzendraht wire	706
188569	5/17	Pug Sd	North Head Radio Station; wooden lattice mast; fws print of proposed specs	825

SPECIFICATIONS: RADIO.

Number.	Date.	From or To—	Subject.	
188815	5/19	Fed Tel Co	Specifications for radio arc apparatus, ship and shore; comments on requirements of	876
190403	5/8	GE	Radio generator and motors; comments on specifications for 20 and 30 kw sets	882-3
193558	7/19	T _o Yds	Specification of radio apparatus; lists modifications in; reqt comment and recommendations on	876
195860	7/27	Dr. L. W. Austin	Radio transmitting condensers; suggested revision in specifications	882 -1
205272	11/11	To War Dept	Fwds copies of standardized specs for radio transmitting and receiving sets; suggests all departments should standardize on this material	876
205279	11/11	T _o NY	Fwds preliminary rough draft of specs for radio tractor sets; directs G.H. Lewis comment on; also comments from other sources	897

1912

1

Number.	Date.	From or To -	Subject.	
59936	3/12	NY. 855-705-593	Sched. recommendations of award and recommendations for changes in specs.	706
78183	9/14	NY	Specs 16-P-5, recommends revision as none of the sets purchased have complied with all sections.	876
N.Y.Reqn 439	10/19	NY	Reqt specs be amended.	
81044	10/24	NY	APPARATUS: Submits proposed specs for 2 and 5 kw sets.	876
82851	11/16	NY	Suggestions for changes in	876
1913				
94862	4/12	Cutler Hammer Co.	Radio specs, takes exception to clause which prohibits use of their starting panel.	876
851	?	Firms	Takes exception to specs for CALMITO sta.	851
94773	4/12	To At. Flt	Reqt conference to prepare standard plans for ship's radio installation	876
99449	6/12	NY	Specs for radio sets, suggested amendment for protective devices, based on objections to sched. 5159.	876

SPECIFICATIONS, radio.

Number.	Date.	From or To—	Subject.	
99477	6/14	Clark, G.H.	Amended specs forwarded to-day, recommends including in next proposal.	876
99704	6/17	Clark G.H.	Are preparing details of standard specs, will attend Marconi coupling patent suit suggests orders for himself and Hill to Sayville.	876
✓ No #	6/20	To S&A	Bu. reon. 12/1914. for 15 5-kw radio sets; submit specifications and requests be inserted in proposals. W	
100160	6/23	Pfund, R.	Wireless specs, asks if both 2 & 5 kw sets shall have range and wave lengths up to 2000 meters.	876
102595	7/30	To NY	5-Kw radio sets, cont 18095, fwds specs	876
139670	11/14	To NY	Specs for 1/2 kw radio sets; reqt recommendations to any advisable changes	876
153246	4/24	S&A	Specs 154R-1: radio sets for ships; asks if any changes desired	876
162725	8-6	To M.I. & NY	Fwds for comment	876
165287	6-17	No source	Arc radio sets - conference report	876
170077	11/2	To M Ia	Specs for 15 30 kw arc radio transmitters; reqt be prepared	876
170829	11/10	To S&A	Specs 16-R-1, revised, radio sets; fwds for printing	876

FILE No.	From or To-- (Dated)	Subject.	
33202 3/4	Key West	PORTABLE SETS: recommends that abandoned submarine cable at Dry Tortugas be exchanged for	897--1
		1912	
		1913	



TELEPHONE RADIO

1942

FILE No.	From or To— (Dated)	Subject
653037	12/9	Architect of Capitol - Extends thanks for transmitting president's message. Will hold will hold conference of Congress W Fwd's Dir comm's 12/21
654389	12/18	Naval Hospital Newport Rqsts diaphragm for Western Elec loud speaker W S&A 12/26 Copy of shipment order covering diaphragm for loud speaker from Boston to Newport Naval Station. W
654129	12/21	To CO Anacostia Broadcasting marine band and navy yard ban concerts- gives action co Washn W
654594	12/21	L.G. Young Report on excellent broad casting made by Anacostia Station W

TELEPHONES RADIO

1922

654974 12/15 Mrs. C.C.Killen

Asks if possible for wireless to pick up unspoken thoughts when person is not near instrument W
To Mrs C C Killen - Gives inform 12/29

655080 12/23 A.P McArthur

Commands Navy Dept for transmission of President's message and asks who is directly responsible for success. C
To A P McArthur (Secy Sig) - Gives detld inform 1/2/23

654682 12/29 To Western Elec. Co -

Reqs inform as to method used in obtaining duplex operation and the separation between transmitter and receiver waves cc
C-I-C Battle Fleet W

428045 FWD FROM CARD 44

Brook Supply Depot. 7/10 Fwds copy of letter from GE Co dated July 1 reporting inability to locate telephone loaned W

Number.	Date.	From or To—	Subject.	
653173	12/9	Dept	Desirable that an additional control line be obtained from Radio Va. to city switch board for Government broadcast. W	841
650276	12/5	To Phila.	Desires telephones for HANNIBAL be supplied from decommissioned destroyers. Rcsat inform no. ~~phones removed from destroyers~~ ~~quantity in APPROPRIATION PURCHASE~~ acct. to replace. W Phila - Rcsat inform re: to phones removed from destroyers. 12/11- W.	225-6
653586	12/12 12/14	Chief Coordinator S&A	Bureau of foreign and domestic commerce at Bos. Wants radio receiving sets. Ask if Navy has one available W Fwds S&A 12/20	
653580	12/11	Anacostia	Broadcasting schedules from Anacostia station. Submits comments on list of deficiencies W.	

TELEPHONES RADIO

1922

Number.	Date.	From or To—	Subject.
653660	12/8	Sig Corps	Rel to radio telephone receiving ~~boxes~~ boxes for sale at South Brook ordered will be received through Signal Corps KW
653657	12/14	H.J. Bixler	Fwds letter from B Jarrett requesting inform regarding radio ~~boxes~~ cash/eq W To Hon H J Bixler To Hon secy of commerce (See Sig) Fwds corres. 12/21
653750	12/16	To Phila	Destroyers decommissioned radio tele phones for— Status of— requested W X650275-225-5
654038	12/5	L.A. Sneed	Gives suggestions for improvement of broadcasting at Anacostia W To L A Sneed— Gives instrns 12/21 Fwds Dir commns 12/21

PAID IN NO 3 5 310

Number.	Date.	From or To—	Subject.
✓ 651208	11/25	West EM Co	File curve showing st tis character of 250 watt vacuum tube used as oscillators in broadcast at 4100s W Fwd Washington 11/29 RB 12/15 W
✓ 651284	11/5 11/25	Phila S&A	Submits list of material comprising CW 936 radio telephone sets in excess at Ford W Fwd S&A 11/29
✓ 651623	11/28	Dept	Rel to Govt radio telephone broad-casting during "Safety Week". W.
✓ 651625	11/24	Hon. W. Underwood	Asks if Navy has a receiving set which could be loaned Alabama Polytechnic Institute. W To Hon C W Underwood (Sec Sig) Impossible to loan equipment 12/4

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TELEPHONES RADIO

1922

Number.	Date.	From or To—	Subject.
651652	11/22 11/29	Dept Agriculture Dept <u> </u>	Request of Weather Bureau for radio telephone apparatus. W. Fwd S&A 12/8
651652	11/22 11/29	Dept Agriculture Dept <u> </u> void see above	Request of Weather Bureau for radio telephone apparatus. W.
652316	12/6	To S&A 1659	Reget shipment of telephones from Brock to San Diego W R
653177	11/28	No Source	Memo by Adm. Robison to Mr. Carey— Recom- mending Radio World by Telegraphy "The 1922 entry of Radio into the home is the greatest addition to ~~man's~~ possibilities I have ever known" CW

Number.	Date.	From or To—	Subject.
649639	11/14	Western Elec Co	Fds comments on use of one or two additional loud speaking receivers. W
649419	11/16	To S&A 1504	Reqt shipment of telephones from Brook to Hamp ads W RB 1/18/23 W
650427	10/4 11/15	CO NEW MEXICO Fac Fleet	Reqs Patent Telephone plug be placed on allowance list for use with head telephones W
650723	11/17	Alliance Chamber of Commerce.	Inform N.I. to securing radio act W To Sec Chamber of Commerce (Asst Sec Sig) Gives action taken 11/25

1922

TELEPHONE'S RADIO

Number.	Date.	From or To—	Subject.
642570	from card 88		To C ^o Anacostia- Fwds authd schedules for broadcasting by Govt. Dept. W 11/24
651132	11/10	R.E. Farnham	Ask if Arlington has any regular schedule for broad c ^o to R E Farnham- no definite transmitting schedule has been arranged 11/29

1922

TELEPHONES 11A10

Number.	Date.	From or To—	Subject.
647355	10/31	TO S&A	Sale of apparatus— not neccy for Bureau to purchase spare parts W
647854	10/31	Boston <u>602</u>	Request allotment covering issue of TC radio telephones to DELAWARE FLORIDA AND UTAH W Boston 11/15 W To Boston— Gives instrns rel transferring of mat. co S&A 11/21
648237	10/27	M FRANK	Requests prices on radio equip. W To S&A— ~~was correct~~ To Morris Frank— Gives action taken 11/11
648628	11/3 No date	Boy Scouts of America Delt	Ask if possible to secure receiving and transmitting from Navy to J E West (See Sig) Gives inform rel securing frog and broadcasting from navy W 11/18
648730	11/6	H.R.	Has authority to draw radio phone receiving instrument from used material account for installation in submarine officers quarters W To Morris— authd co Div 5 11/11 Not 11/17 CO CURLEY 12/8 W

1922

Number.	Date.	From or To--	Subject.
632450		from card 83	To Insp machy Phila- Instln of Apparatus- - Gives inform rel substitution of resistor cc Phila 11/10 W
649004	11/11	To MI - P H	Procedure- use of fanning or Bruce or other similar automatic relay Fwds cc Opers Circular letter 10/30 W

TELEPHONES RADIO

1922

Number.	Date.	From or To—	Subject.
646275	10/19	Hon. Fred C. Hicks	Fwds letter from Jas. P. Boxton for information on obtaining broad-casting license for radio telephone. ^{KV.} To Hon Fred C Hicks- Gives inform rel licenses for amateur radio recg and transmitting stations W 10/21
646466	10/14	Swanson Elec & Mfg Co ~~CANCEL~~	Request list of broadcasting stations in Country A W
646586	2	Mr. H. Hausell	Repts inform of amperage to operate on W to W H Hausell- Gives inform 11/7
646643	10/18	Pac Coast Supt	World series broad casting. <u>Arrangements and Results.</u>

TELEPHONES: RADIO

1922

Number.	Date.	From or To	Subject.
646281	10/24	To S&A	Parts for Radio telephones-procuring of- Instrns W
647072	10/25	J.S.Bergen	Ask if can purchase Navy radio sets W To Jos S Bergen- Gives inform 10/30
647099	10/24	G A Barlow's Co.	Boats instruction book for telephone sets W From S&A 10/26
647230	10/26	Norf	Report of telephone received for Norf Radio Station W
647403	10/27	B.F.Tillson	Boats prints showing construction radio transmitter W To N J Tillson Co- Gives action 11/1 To Bd Survey appraisal and Sale- Revs corres. 11/1

TELEPHONES RADIO

1922

Number.	Date.	From or To—	Subject.	
642490	9/22	Multiple Elec. Prod. Co.	Calls a tn to Atlas head phones. 7. To Multiple Elec Prod. Co— gives inform rel mat submitted for test 9/27	
642570	9/22	Dept	Subm copy of standard procedure adopted rel to Government radio broadcasting. Dept Commerce— Next meeting: 10/6.9/25. 7. 914 Bureau Standard 9/11— rws reading of committee W. Dept 9/28 W rws Anacostia co Dir Comm 10/4 Dept 11/20 rws copy of authorizing schedule for broad casting by Government Dept W	
643361	9/29	Glimb Bros.	Ask if Cmdr. Hooper will be present at opening radio broad casting station along with Hon. J. Hamilton Moore. W	
643417	9/21 9/28	CO WYOMING Atl. Fleet	rws sketch of main radio room in conn with elimination of sound proof booths in battleships. W. Re CO via C-I-CCmdr batlshp Force Atl. Fleet— rws prints cc Dept- C-I-C Lac Fleet- NY-C&R 11/29	
643730	9/26	Anacostia	Request transformers be furn for use in conn with telephones for radio broad- casting. Re Request shipment of mat from Washn to Anacostia 11/20 10/4	CO

TELEPHONES RADIO

1922

Number.	Date.	From or To--	Subject.	
643932	10/2	Jno. Firth & Co.	- Re nest report on test of telephone receivers. W. To J F & Co- phones not yet tested 10/6 To J F & Co- Navy Tests are made under Svc. conditions 11/28	10/31
644549	10/6	Washington Yard	Design problem- 185-A- improvement of C.W. 938 radio telephone equipment. To Washn- Redesign appvd 10/27 To Washn- Regts action be taken re Dept 11/28	
645019	10/11	A. T. Kennedy	Suggest on carrying improvements radio telephone set.	
645515	10/17	To S&A	parts being purchased for- Request for discontinuance of W S&A 10/19 Copy circular letter directing no spare parts be purchased prior to authn. W	
645932	10/16	Porta	Model TE vacuum tube transmitter- f.wds Print. W John Firth Co 11/17 Test on phone W	898

TELEPHONES RADIO

1922

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Number.	Date.	From or To--	Subject.
✓ 639998	8/29	Atl. Destroy	Recommends 15 CW 936 short range telephone sets be shipt from used material account to BRIDGE. ORT For use of Destroyers Sqd. S&A request shipment of apparatus from Ark to C-1077 9/16 to Atl Fleet- Gives action taken cc Atl Fleet- Comdr of 9/19
✓ 640815	9/8	Marine Corps	Marine Band will be absent from Washington 9/18 to 11/18 on concert tour- concerts at Anacostia will be cancelled. W.
✓ 640814	9/6	Anacostia	Use of strip diaphragm microphones for radio broad-casting- S&A comments. W.
✓ 641118	9/7	L. D. Benjamin Mare Isl.	Rel to loan of receive to Southern Calif Broad Cast Assn W. rwdg S&A cc MI 9/18

Number.	Date.	From or To—	Subject.	
✓ 641533	9/14	Dept	radio telephone Broad Casting. Directs submit outline for coming year W To Opera- Fwds file of carres from all parts of country regarding radio phone band concerts 10/3 Do it- Fwds correspondence regarding navy radiophone band concert. 10/6 W.	
✓ 641963	no date	Signal Corps	Radio Telephone receiving sets available for sale K	
✓ 2 643467	9/20	Washington	Report on operation of additional parts received from GE Co. for EE equipts. W. Washington- Cannot investigate proper location of series condensers in loop antennas until receipt of complete equipt. 9/20 W. To S&A Request shipment of mat from Washn to Ins & machy Lks 11-49/26 To S&A Request shipment of alt status from Washn to SO Ports 1143 9/26 RB 10/24 W RB 10/26 W	
✓ 642425	9/21	Phila.	Request plans for modification of CW 936 radio telephones for CW transmitters. Fwds Washn 9/26 RB 10/7. W.	W.

TELEPHONE S RADIO

1922

Number.	Date.	From or To—	Subject.
635353	FROM CARD 84		Musical Monitor- Request picture of broad- casting station. 8/10 W The Musical Monitor- Suggests Marine Band which is broadcasted 8/18 W
637515	8/14	Bureau Standards	Fwds report of advisory committee on Govt. radio broad casting, W.
636486	8/14	To Dept	Loan of apparatus for experimental purposes as S&AS Washn W RB 8/17 W Fwds Washn CC S&A 8/20 RB 9/23. W. Fwds Washington 9/27
637823	?	???	Discussion of certain phases of radiophone broadcasting by Cmdr. A. E. Taylor. W.

TELEPHONES RADIO

1922

Number.	Date.	From or To—	Subject.
633383	X 8/19	To Sec of War (Asst Sec Sig)	Broadcasting band music by radiophones from Anacostia— gives inform W
638508	8/23	To Washn	Performance of Model "TD" set— reqts com- 898 Batts W
47483	8/24	Insp'r G.E.	Experimental work on elimination of harmonics 623 from model TD sets satial completed SW
638700	8/28	To O-I-C Bu Standards	Pair of head telephones submitted by John Firth for test— Fwd's telephone receiver measurement W Bur Standards Labr.— Report on telephones Comparison for sensitiveter. 10/14 W To Washn— Fwd's cc report 11/7 Washn 11/13 W

TELEPHONES RADIO 1922

Number.	Date.	From or To—	Subject.
535676	7/31	Inscr GE	Was letter from J. J. Loewe requesting inscr 535676 on 7/31/22. ~~Ex. 111.~~ Fwds San Diego- cc Inscr mat GE 8/4
531838		FROM CARD 83	Carbrook- Inform on 1/2 KW arc manufactured by Firth & Co. S/I New York 11/21/22. Its report on inspection in C. C. 11/21/22 P.W. arc set from John Firth and Co 4
535751	7/26	W. H. Dalton	Is it can furnish telephone receiver. If Te. S. H. Dalton- Give card from S. H. Dalton 8/7

TELEPHONES RADIO

1922

Number.	Date.	From or To—	Subject.	
635052	7/31	Memorandum for Dir Naval Commns	Interdepartment advisory committee on Government radio broadcasting. Request additional personnel be detailed to station to night watch and handle broadcasting w Anacostia laboratory To Dir Navy Communications— Rel to broadcasting 8/18 W	
635985	8/2	Communications	Sends copy of letter from Scenic Film Co asking if Navy can use motion picture showing radio phone broadcasting station at Atlanta Journal W	753
635943	8/2	P Engstrom	Sends Auto-voice loud speaker— Request be tested WL	717
636206	8/5	To G. Anacostia	Radio broadcasting for other Government Departments— Gives Action W	
635690	8/9	To Norf	Reradiating Anacostia from Virginia beach— Request results to Dir Comm- Anacostia W	

Number.	Date.	From or To—	Subject.
631992		R.D. FROM CARD 83	To Hon. J. H. Smithwick- Unable to loan 7/15 to J. D. S. W. Fletcher (1915 318 Sig) unable to loan equipment 7/14
633110	7 /15	P. A. Bayless	Request inform and diagrams regarding radio telephones for President Harding. W.
633383	?	Dept	Gives inform rel to broad casting band music by radiophone from Anacostia. W. War Dept- 8/22 W

RADIO

1922

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TELEPHONE 3 RAD IO

1922

Number.	Date.	From or To—	Subject.
63491	6/29	Western Elec. Co.	Asks if satisf to furn type BB telephone sets with transmitters #323. W.
		~~CANCELLED~~	see 717
531364	?	H.M Laper	Request inform rel to radio telephone receivers. W.
		~~CANCELLED~~	see 620249-376
631838	7/8	Jno. Firth Co.	Fwds letter from S. G. Brown rel to his loud speaker. W.
TO CARD 85			Jno Firth & Co. Rqst auth to have arc set tested at yard. 7/19 W.
			To Insp mat NY- Gives instrns 7/25
			To NY- Gives inform 7/25
			To John Firth & Coimpossible to test the arc set 7/25
631992	7/6	Hon. P. Trammell	Fwds letter from Pensacola Lodge of "lks requesting loan of wireless telephone set from Pensacola station. KW
F.D TO CARD 84			Hon. J. H. Smithwick-Fwds letter from Pensacola Lodge of "lks rqsting loan of wireless telephone sets. 7/7 W
632030	6/30	Zeon & Co.	To Hon Park Trammell impossible to loan eqpt 7/13
			Ask what law requires in conn n with instln of low power radio phone broad casting station at San Juan. W 7/19
			Communications- Copy action to Dept of Commerce 7/20 W

1922

Number.	Date.	From or To—	Subject.
632408	7/12	To John Firth & Co	Re ts loud speaker ls fwd to him c.w W John Firth & Co-Prelim test satis 7/18 W
632319	7/10	Communications	Fwds copies of corres concerning radio telephone broadcast apparatus for His de Janerio Exposition W 652
632525	7/10	Communications	Cover of letter to Hon. W.T. Looney re the proposed legislation L.R. n 100 C.S. W 508
632450	7/15	To Comdt Washn	Re ts estimate cost of parts of Tuned Telephone W Wash 7/24 Modification of tuned telephone Wash print W To Washn changes approved 8/5 Washington 9/1 W Washington 9/14 W To S&A- gives shipping instrns 10/6 To Atl Fleet Pac Fleets Instrln of 10/14 W S&A 10/31 W

Number.	Date.	From or To—	Subject.
627782	6/9	Phila	Antenna ammeter for radio telephones. Recommendations covg capacity of W To Phila- Alterations of telephone 7/8 Boston- Gives antenna characteristics. 7/12 W Ch. sn 7/11 W orts 7/12 W New York 7/24 W M.I. 7/20 Submits data covg antenna characteristics W Phila 7/25 W 14th Dist. Request prints be furn. 7/27 W Calvite- 8/3 W
627870	5/11 6/13	Cavite S&A	Report on radio telephone sets in stock W
627839	6/14	To Miss Burd Woman's Natl Press Club-	Thanks for newspaper clipping on concert for benefit of Sold Era institute and for copies of same W
627694	6/20	To NY	Broadcasting concerts by Marine Band from Anacostia in C - cc for Commns- CO Anacostia W Operations- Give letter to 3d Dist. ? W. N.Y.- Not practicable to radiate Anacostia signal from N.Y. Yard. 7/28 W
4.8			

1922

Number.	Date.	From or To—	Subject.
✓ 629790	?	Naval Intelligence	Report on wireless telephoning in Germany W
630259	6/26	Sterling Devices Co.	Telephone head set request test and permission to quote on. W. To Sterling Devices Co- Ask inform on any tests of telephones 7/4. W
623074	from card 80		To John Firth & Co- Test has revealed as listed cc Washn W 6/29 To John Firth & Co- Ask for sample To John Firth Co- gives inform - reports of tests on apparatus must not be used as data of advertising 9/14

Number.	Date.	From or To—	Subject.
625289	5/25	3d Dist. Copy	Radiophone test; report on. W. Bar Harbor—(T) Test unintelligible 5/25 W. Bar Harbor—Report on test (T) 5/26 W. 3d Dist. 5:26—Copy—test unheard W. Bar Harbor—Copy—report on test 5/27 W. 3d Dist— 5/27—Copy—report on test. W.
623247	5/15	Shipt order	RE 9/8/22. Y
624677	5/27	To C T Clagett Div Mgr C & P Tel Co	thanks for cooperation on recent broad- casting tests at station. W
625165	5/26	To Chesapeake & Potomac Tel Co (Asst Sec Sig)	desires to broadcast by radiophone the addresses which Pres Harding and Mr Pres Taft will deliver at Lincoln Memorial ceremony beginning at 2:30 may 30th gives instr W
625747	5/26	Paris Island	Ask price of radio telephone transmitter W To Barr. a Island—inform fwd to S&A 6/3 W. cc S&A

TELEPHONES RADIO

1922

Number.	Date.	From or To	Subject.
626236	6/1	Western Elec. Co.	Fwd's bulletin describing radio telephone broad-casting equip. W.
626779	6/5	Western Elec. Co.	QV 8344 head set - request auth to furn #1 B head band on future orders. W. Request re. ltr to letter To Western Elec Co. cc S&A- Washn 8/3
625210	6/6	To A B Billins	President's address at the dedication of Lincoln memorial at Washn was successful. To A B Billins comments 6/10
627464	5/24 6/6	Stb Dist	Request assign short range telephone transmitting & receiving set for communication with ships in the Roads W Eds Nrf 6/15 Request action W. 7/1 Fwd's Dir commns 7/11

TELEPHONES RADIO

1922

Number.	Date.	From or To—	Subject.
/621324	4/24	W.H. Morris	Request data on new wireless apparatus developed by Bureau Standards. W 5/3/22
/621467	4/28	Hon. E. D. Hays	Fwds copy of letter from E. G. Camp request- ing pamphlets cov instn of radio telephones W Camp Fwds cc memo prepared by bureau in regard to obtaining of radio apparatus for amateurs 5/3 To Hon Edw J Hays Gives Action 5/5
621569	5/2	P/ F. Markert	Ask if any firms in vicinity of New York manufg. radio sets. W.
35216	4/28		
/621736	5/4	To The Chesapeake and Potomac Tel Co (Sec Sig)	Requests that Company permit engineers to confer with Navy's personnel looking forward to equipping the headquarters with loud speaking apparatus- W G&P T.Co. 5/6 W.
35316	3/28 /4	Earl Harner	List tele phone sets in stock W

1922

Number.	Date.	From or To—	Subject.
✓ 621868	5/6	To S&A 218	Reqst shipment of mat from Boston to Medford Hillside W Am Radio & Research Corp'n 5/16 Cannot adopt commercial use W
✓ 621878	5/4	To Pacific Fleet (T) H. J.	Model TC radio telephone vacuum tubes Western Elec make carry alphabetical letter to indicate proper filament voltage only tubes having like designating letter shall be used in parallel W
✓ 622912	4/29	C. F. Warner	Request working instructions for construction of wireless phone receiving set: W. To-- impossible to furnish details 5/13
623074	5/11	Jno. Firth & Co see card 82	Fwds sample of Seibt telephones being imported from Germany. To J. F. & Co-- Gives Inform W 5/17 John Firth - Seibt telephone head sets fwds. 5/18 W To J. F. & Co-- Gives Inform 5/23 To Washp. Gives instrns rel test of plans 5/23 Wash 6/22 Report on test of Seibt head tele- phones W Fwds various telephone prints listed W
✓ 623637	5/15	Washington	

Number.	Date.	From or To -	Subject.
618955	4/13	J. Whipple	Request price list on radio phones. W. To J. Whipple - Fwds catalogue 4/20
605729	FROM CARD 74		To S&A - Re Tele. apparatus for To Radio Corp of America (Sec Sig) Thanks for liberal attitude in giving consent to sale surplus apparatus 4/21 Radio Corp of America - Ask if desire to sell To S&A - Gives inform 5/9 To S&A - Gives detail inform rel sets 10/18 To S&A - sale of telephone sets recommended 10/26 35316-629 S&A 11/16 Ask where radio telephone parts can be obtained W To S&A - Gives action taken 12/30 RB 3/22/23W S&A 2/21 Calls attn to their letter of Jan. 8 W Fwds S&A - Rel reducing of price of receivers 2/27/23 To S&A - Rel status of material 8/25/23
520391	7/17 7/24	Bar Harbor Boston	Sub report of results obtained on test of radio telephones at Bar Harbor. W. Jonathan - 4/18 W. Bar Harbor 4/22 W. Fwds Washn 4/29 RB 5/11 W Bar Harbor - 4/28 W. (2) Boston - report on test. 5/5 W. Fwds Boston to Bar Comm. 5/16 RB 6/28 W Fwds Washn 7/8 RB 7/18/22 W

Number.	Date.	From or To—	Subject.
620778	4/22	Gregory Krause Co.	Reports over hearing telephone message at Cantonville.
620856	4/14 4/27	Naval reserves. av. Sup. Dept.	Request loud speaking mag. avox horn be issued. Rwds SEA 5/2
621043	4/26	Radio n. - J. F.	Request from boy amateur outfit for to S. P. Hamman Dept does not have cog over comm for amateurs 5/4
621062	4/27	American Radio Corpn	Co's truck will call on team to collect To American Radio and Research Corpn Regis- results of all tests 5/4
620879	5/1	To Radio Corpn of America	Registars furnished in form showing details of radio telephone equipment used on board ALERICA W Radio Corpn of America- 5/3 W To Radio Corpn of Amer- Ack receipt of report comments 5/8
14763-583	5/2	O.N.I.--Eng	Extract from letter re-wireless tele- phone device.

1922

TELEPHONES RADIO

Number.	Date.	From or To—	Subject.
618364	4/7	M Gern	Request pamphlet on sending and receiving wireless tele. home outfit. To Mr Massey Gern- Gives list of firms that manufacture radio equipment W 4/18
618172	4/13	To C-I-C Pacific Fleet	Information Recd Lionel Tare Cast Radio equipment inoperative account ad- justment Western Elec. tubes. Request report in details instruct Radio Aid Grimes make test and Submit report W Pac. Fleet- (1) Submit report on test. 4/14 W.
618176	4/13	To S&A 53	Request shipment of Telephones from Brook to CO W RB 8/17
618177	4/13	To S&A 54	Request shipment of Telephones from Brook to CO W RB 10/16 W.
618178	4/13	To S&A 60	Request shipment of Telephones from Brook to CO W RB 4/21 W.
618306	4/14	To S&A 61	Request shipment of Telephones from Brook to CO W RB 5/20/22. W

TELEPHONES RADIO

1922

Number.	Date.	From or To—	Subject.
618307	4/14	To S&A 62	Reqt shipment of Telephones from Brook to MI W
618308	4/14	To S&A 63	Reqt shipment of Telephones from Brook to Pug S&A W
618309	4/14	To S&A 64	Reqt shipment of Telephones from Brook to SO P H W
618310	4/14	To S&A 65	Reqt shipment of Telephones from MI to CC W RB 7/20/22. W OO MELVILLE- 5 radio telephone sets recd. 8/22 W To CO USS MELVILLE- Appvd rqt 9/1 W
618173	4/13	To S&A 60	Reqt shipment of Telephones from 30 Brook to MI W RB 6/26/22. W
618188	4/15	To Mr. Robert Sanders	F ds literature on amateur radio W
618311	4/14	To S&A 55	Reqt shipment of Telephones from MI to USS BUFFALO W

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1922

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TELEPHONES

1922

Number.	Date.	From or To	Subject.
618332	4/8 4/11	American Forestry Ass'n acoustic	Re quest certain inform be broad- casted. This Communication 4/22 W
618001	4/13	To S&A -4/1 41	Reqt shipment of Telephone from MI to SO P H W RB 9/18 W
618002	4/13	To S&A 45	Reqt shipment of Telephone from Brook to SO P H
618174	4/13	To S&A 51	Reqt shipment of Telephones from SO Brook to SO Washn W RB 5/26 W.
618175	4/13	To S&A 52	Reqt shipment of Telephones from SO Brook to CO W

Number.	Date.	From or To—	Subject.
616831	4/6	To Dept	Reqt of the Natl Committee of Disabled American Veterans of the World War to broadcast one of their concerts by radiophone from Aircraft Radio Lab Anacostia- Gives Inform W cc Dir Comms
616836	4/6	To Washington	Design Problem 168 Low Resistance Compensator phones- Reqt two phones to be made to Bureau W Washn- 4/12 Head telephones turned over to Lt. Allen. W.
616838	4/6	To Washington	Design Problem 1850 transferred to 1852-Improvement of CW-938 Radios Telephone Equipment W Washington 4/11 W
616899 T. CARD	4/5 77	To NY- Norf (T)	Arlington will broadcast radiophone beginning 4/8 until further notice Report CW and speech strength cc Dir Comms- Washn W 2d Dist- report on test. 4/10 W cancelled 3d Dist- report on test. 4/10 W 4d Dist- report on test. 4/11 W cancelled 5d Dist- report on test. 4/10 W cancelled 6d Dist- report on test. 4/10 W cancelled 7d Dist- report on test. 4/10 W cancelled 8d Dist- report on test. 4/10 W cancelled 9d Dist- report on test. 4/10 W cancelled 10d Dist- report on test. 4/10 W cancelled 11d Dist- report on test. 4/10 W cancelled 12d Dist- report on test. 4/10 W cancelled 13d Dist- report on test. 4/10 W cancelled 14d Dist- report on test. 4/10 W cancelled 15d Dist- report on test. 4/10 W cancelled 16d Dist- report on test. 4/10 W cancelled 17d Dist- report on test. 4/10 W cancelled 18d Dist- report on test. 4/10 W cancelled 19d Dist- report on test. 4/10 W cancelled 20d Dist- report on test. 4/10 W cancelled 21d Dist- report on test. 4/10 W cancelled 22d Dist- report on test. 4/10 W cancelled 23d Dist- report on test. 4/10 W cancelled 24d Dist- report on test. 4/10 W cancelled 25d Dist- report on test. 4/10 W cancelled 26d Dist- report on test. 4/10 W cancelled 27d Dist- report on test. 4/10 W cancelled 28d Dist- report on test. 4/10 W cancelled 29d Dist- report on test. 4/10 W cancelled 30d Dist- report on test. 4/10 W cancelled 31d Dist- report on test. 4/10 W cancelled 32d Dist- report on test. 4/10 W cancelled 33d Dist- report on test. 4/10 W cancelled 34d Dist- report on test. 4/10 W cancelled 35d Dist- report on test. 4/10 W cancelled 36d Dist- report on test. 4/10 W cancelled 37d Dist- report on test. 4/10 W cancelled 38d Dist- report on test. 4/10 W cancelled 39d Dist- report on test. 4/10 W cancelled 40d Dist- report on test. 4/10 W cancelled 41d Dist- report on test. 4/10 W cancelled 42d Dist- report on test. 4/10 W cancelled 43d Dist- report on test. 4/10 W cancelled 44d Dist- report on test. 4/10 W cancelled 45d Dist- report on test. 4/10 W cancelled 46d Dist- report on test. 4/10 W cancelled 47d Dist- report on test. 4/10 W cancelled 48d Dist- report on test. 4/10 W cancelled 49d Dist- report on test. 4/10 W cancelled 50d Dist- report on test. 4/10 W cancelled 51d Dist- report on test. 4/10 W cancelled 52d Dist- report on test. 4/10 W cancelled 53d Dist- report on test. 4/10 W cancelled 54d Dist- report on test. 4/10 W cancelled 55d Dist- report on test. 4/10 W cancelled 56d Dist- report on test. 4/10 W cancelled 57d Dist- report on test. 4/10 W cancelled 58d Dist- report on test. 4/10 W cancelled 59d Dist- report on test. 4/10 W cancelled 60d Dist- report on test. 4/10 W cancelled 61d Dist- report on test. 4/10 W cancelled 62d Dist- report on test. 4/10 W cancelled 63d Dist- report on test. 4/10 W cancelled 64d Dist- report on test. 4/10 W cancelled 65d Dist- report on test. 4/10 W cancelled 66d Dist- report on test. 4/10 W cancelled 67d Dist- report on test. 4/10 W cancelled 68d Dist- report on test. 4/10 W cancelled 69d Dist- report on test. 4/10 W cancelled 70d Dist- report on test. 4/10 W cancelled 71d Dist- report on test. 4/10 W cancelled 72d Dist- report on test. 4/10 W cancelled 73d Dist- report on test. 4/10 W cancelled 74d Dist- report on test. 4/10 W cancelled 75d Dist- report on test. 4/10 W cancelled 76d Dist- report on test. 4/10 W cancelled 77d Dist- report on test. 4/10 W cancelled 78d Dist- report on test. 4/10 W cancelled 79d Dist- report on test. 4/10 W cancelled 80d Dist- report on test. 4/10 W cancelled 81d Dist- report on test. 4/10 W cancelled 82d Dist- report on test. 4/10 W cancelled 83d Dist- report on test. 4/10 W cancelled 84d Dist- report on test. 4/10 W cancelled 85d Dist- report on test. 4/10 W cancelled 86d Dist- report on test. 4/10 W cancelled 87d Dist- report on test. 4/10 W cancelled 88d Dist- report on test. 4/10 W cancelled 89d Dist- report on test. 4/10 W cancelled 90d Dist- report on test. 4/10 W cancelled 91d Dist- report on test. 4/10 W cancelled 92d Dist- report on test. 4/10 W cancelled 93d Dist- report on test. 4/10 W cancelled 94d Dist- report on test. 4/10 W cancelled 95d Dist- report on test. 4/10 W cancelled 96d Dist- report on test. 4/10 W cancelled 97d Dist- report on test. 4/10 W cancelled 98d Dist- report on test. 4/10 W cancelled 99d Dist- report on test. 4/10 W cancelled 100d Dist- report on test. 4/10 W cancelled
617371	3/22 4/5	Jos. F. Little Dept of Commerce	To J N Little- Rwas Catalogue 4/11

Number.	Date.	From or To—	Subject.
✓ 617179	4/7	To Comdts Yards listed	Radio telephones— Requests arrangements be made by yards listed to cover regular Anacostia schedules sufficiently to report on Cwani speech strength, modulation and percentage of speech which can be understood to Ltr Comdts— CO Anacostia— Washn W to Boston, N.Y.— Comdt 9 Dist— Substitute arrangements have been made for Anacostia to transmit as listed 4/15 cc Washn CO Anacostia— Dir Comd 4/15 Boston Report on Test. 2/24 '27.
✓ 617909	4/3	Dept Interior	Puttle Mountain agencies request radio telephones— equipment set by Comd 4/18 To H J McQuigg— Gives Action 4/18
✓ 617871	4/7	H. Beckering	Request for specifications for wireless telephones— To— For description of Amateur radio apparatus W 4/13
✓ 618188	4/11	B. Sanders	Request inform on wireless telephones, W.

Number.	Date.	From or To—	Subject.
615871	3/30	To Washington	Arc Radio Telephone— Reqst research Problem 64-6 be assigned W
615678	3/30	To CG Anacostia Yards— Bureaus listed	Radio Bulletin— Instruction to Speakers called on Phone by the Aircraft Lab W
616389	3/31	NorF.	Confirms telephone conversation in conn with loan of radio telephone set to Boy Scout America for annual field day celebration.
615669	3/30	To Bisslow-Hartford Carpet Co (Asst Sec Sig)	All of the Radio Receivers which the Navy could dispose of through being no longer required and free from patent obligations have been disposed of W

Number.	Date.	From or To—	Subject.
61617	3/3	R. E. Gilmore	Request specification of telephone head sets—ask what is best for anatomy. To Mr. R. E. Gilmore—Copy of Specfns will be fwd 4/3 W
616188	4/4	To Tre Machine To I Eng Wks	"Principles Underlying Radio Communica- tions" suggested W
616981	3/31	Fug. 94.	Fwd vandykes of forced tuner system— for radio tel. lines—request be replaced. W To Pug End Fwds Vandykes 4/7
617009	3/31	Anacostia	Request four 250 watt transmitting tubes To S&A Request shipment of tube from Washn to SO Anacostia W 4/10 RB 3/16/23. W
616835	4/5	To Dir Communications Naval	Radio telephone broadcasting from Anacostia—Request inform ref W To Dir Com—Give inform radio telephone broadcasting from Anacostia 4/27 Communications 6/1 W.

Number.	Date.	From or To—	Subject.
615432	3/25	GE Co.	Exds instruction book cov. 1345 aircraft to GE Ack receipt of book 3/31
615678	card 75		
605729	rwed from card 70		
TO CARD 79			To Dept of Commerce (Sec Sig) Gives data rel to the Radio Corp in the matter of the supply of Radio apparatus to the public 3/24 W cc Bu Standards-3/24
615740	3/25	T. Serrett Aviation	To Radio Corp of U.S. If waiver can be effected N. W. will sell apparatus 4/3 W cc Mr. Samoff. Radio Corp 1/7 W Dept of Commerce-Commerce Dept can take no action 4/11 W Request information be furn describing telegraph for serial service. INCEPNDUM FOR 251 INDEX 201 W- No information radio tele of sort req'd 4/1 W
615869	3/25 3/28	Biselow Hartford Carpet Co. Dept	Ask if can purchase radio phone. W.
615871	see card 75		

TELEPHONE'S RADIO

1922

Number.	Date.	From or To—	Subject.
615446	3/29	To <u>Western Elec Co</u>	Reqst inform on the type of receiving microphone employed for relaying of President's speech at Arlington and also during his inaugural address. W. Subm recommendations with to Western Elec Co- Gives instrms 4/29
616109	3/20	Navy Sup Depot	Official data rel to 12 KW portable wireless telephones sets delivered w/ Navy Sup Dep't from Army Supply Base. W.
616188	3/29	<u>Special Mach Tool Engineering Works.</u>	Request publications on radio phones. W.
616222	3/28	D. F. Deen	Request instrms for inst'n of radio telephones receiving set. W.

Number.	Date.	From or To--	Subject.
61183	3/8	Sur Stand Iner	Final specifications for telephone current 916 computer. W
613645	3/23	Coast Guard	Request inform regarding install of radio 704 phone contemplated at South alto. Coast Guard Sta. CW
614104	3/16	Bureau Standards	Request specifications for Navy head telephones receiver sets. 7.
614105	3/13	S&A	Report cover radio telephone sets & spare 600-4 parts in stock. Request be run K
614252	3/15	Anacostia	Reviews history of part played in develop- ment of broad-casting by radio telephones at Anacostia Rpts Dept via Aeronautics Dir Comms 4/12 To Radio Aid L C Young (Sec Sig) - comments cc Aeronautics Washn 4/29 To A H Taylor via Navign- CO Anacostia Sec Sig) gives comments cc Aeronautics W 4/29

TELEPHONE RADIO

1922

Number.	Date.	From or To—	Subject.	
35316	3/17	3&A	Fwds reports listing all radio telephone sets in stock 3/17	629
614480	3/18	Naval Intelligence CANCELLED PLACED IN CONFIDENTIAL FILES. P)	Walls attn supposed of J.H. Hammond con- receiving set for wireless telephones. W.	
✓ 614800	3/20	Bur Stand Labr	Telephone current comparator- speci- fications and operation of- Fwds W. Bur Stand Labr- Fwds instrns for calibration of receiving sets 4/11 To LI Fwds instructions 5/6	
615142	3/23	Dept Agriculture	was copy of letter from Western Elec. Co. to Kansas City Board of Trade rel to sale of broadcasting equip. 7 ~~Ed W A Wheeler~~ Gives "Action taken rel loan of apparatus 4/5	
614386	3/22	To Dir Nav Intelligence	Request for Inform on purchase of German modulating system for Radio Telephone transmitter W	898

TELEPHONES

RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 610857	2/21	Washn.	Resch problem 42- design problem 110- cov duplex radio telephones - recommends be closed. W. To Washn-duplex radio telephone not reqd at present-3;1-W
✓ 610911	2/18	Institute of radio Engineers.	Request detailed inform rel to radio telephony. To A. Goldsmith-2;24-W
610950	2/18	3rd	Request list of all radio telephone sets 600-4 in stock K
611456	2/20	H. Arbuckle	Request old radio telephone set be furn. To-- Gives Inform 3/3
✓ 611543	2/20 2/25	Hon. B. L. French D.C.	Request literature on telephones. K/L To Hon BL French-none on hand-suggests try Naval Institute-3;1-W

902:TELEPHONES: RADIO:

1922

Number.	Date.	From or To-	Subject.	
611101	2:27	To Anacostia 7-4	Emergency life boat radio transmitter- reqt estimate for supplying for Coast Guard ~~Anacostia~~ estimates cov sets for coast guard 3/11 To Coast Guard Washn will arrange for loan of two sets for the life boat tests 3/10 Coast Guard 3/17 To CO Anacostia- desires to lend apparatus and approve modification cc S&A 3/30 To S&A- Gives Action taken 4/1 To Sec. Treasury- Asks if experiments complete; asks return of equipt. cc S&A-Anacostia. 3/29 W	
612226	3/8	To Air Communications	Gives schedule of lectures and concerts broadcast at road from Anacostia for benefit of the country W	
612971	3/7	Hon. T. M. Caraway	Request C.E. Lasswell be furn with inform rel to procuring radio apparatus. To--Regst Inform 3/11 To M S C E Lasswell- Gives Inform 3/11	K
612992	2/28	Hon W. M. Breckin	F.J. Res 178 Providing for inslin & operation of radio telephone for transmitting proceedings of Congress & for other purposes at the Capitol.	615-26
613008	5/23 3/8	Atl Control Force Atl Fleet	FLORIDA only vessel equipt with TC telephones; type CW 1918 vacuum tubes have been installed on FLORIDA be not tested. W	318

TELEPHONES RADIO

1922

Number.	Date.	From or To -	Subject.
6-6617	1/26	Washn.	Comments with estimates cov improvement of filament circuit of model TC transmitter. W. 10 Washn. Live Action 1/2
USA 478	1/23	To S&A	Antenna current radio telephone set Request 1/23 RE MR
608148	1/31	CO BRIDGE	Request instrms books for radio telephones. W To S - Was description and instrms 1/10
608185	2/3	Communications	Fwds request from Hon. J. L. Gable to sent out broadcast from Acostia. Material rel to "Abraham Lincoln, the Congressman" - W.
608434	2/5	GE Co.	Fwds descriptive specifications cov 5 KV vacuum tube transmitter and radiotron. W. GE Co. - Fwds descriptive specifications cov 2 KW vacuum tube transmitter. 2/17 W

Number.	Date.	From or To—	Subject.
607197	1/25	Phil. Cd	Attention to unsatisfactory antenna ~~service~~ ~~ELIOT~~ ~~ent~~ ~~3000~~ ~~rewards~~ ~~1~~ ~~for~~ ~~Curis~~ ~~7/8~~ ~~RB~~ ~~2/14~~ ~~W~~ Fwd Pug Sd-via 15th Dis-comments-desire Yeah Bay equipment for emergency communication and that expenditures be restricted to this service-2,24-W
606535	2/7	Phila.	Subm Report on test of model TD tube transmitter. W 341
609261	2/10	Pug. Sd. (T)	Request radiophones to turn immediately for battleship replacements. To Pug Sd (T) Give Sd of 2/14 MI. Reqst verify address of previous telegram- 2/15 Pug Sd. (T) Cannot locate their telegram 2/14. 2/16 to Pug Sd (T) Reqst Inform 2/17
610278	2/9	F. H. Jones.	Request outline of broadcasting dates and times of wave lengths used.

Number.	Date.	From or To—	Subject.
504260	1/11	Anacostia	... canceller asks if station can broadcast speech of Senator Lodge on 333 Wetz. W. To CO Anacostia Auths use of transmitter by Senator H Cabot Lodge on evening of Jan 21 to broadcast a message to Oxfordclub W 1/17 Ed Lett via Air Corps 1/19 RB 1/31 W
562747	FROM CARD	64	Poston 1/12 W To SIA Request shipment of telephone from Phila to Omaha 9545 1/16/22 To Boston shipment of the cc Navign- Omaha 1/19 Phila 1/26- Request action. W To Phila cc's correction in shipment order of Omaha 1/31 SIA 2/2 W. To Boston Request shipment of 10 extra 10 Boston- Request Instrms 2/14 W To Boston- Request supply of batteries 2/17
503995	1/13	To O-I-C Lt of Standards	New Wide Selective Receiving System counts on W See 898
503996	1/13	To MI	Ship Telephone Exchange plate Data Avds W RB 2/4 W

Number.	Date.	From or To--	Subject.	
594181	FROM CARD	67	Recent Elec. Co. - Steel springs on plug will not effect same. 1/18 W Rms Wash. D.C. 1/18	
605517	1/16 1/19	Falk Tele & Telegraph Co Dept	Call: attn to Co's types of radio tele- phone systems- W.	898
✓ 605729	1/21	To Radio Corp n of Amer 898 card 74	Bureau has disposed five unused Radio Tele. Corp. lots. Give to Radio Corp Radio Corp of America- 1/26 W. Radio Corp of America- 1/26 W. 1. Radio Corp of America- 1/26 W. 1. Radio Corp of America- 1/26 W.	
✓ 606816	1/9 1/26	J. J. Quinn Aviation	ask if Bureau is interested in kite balloon telephones. W 10-- Request diagram or description of system of telephones 1/26	

TELEPHONES

RADIO

1921

Number	Date	From or To	Subject
✓ 599149	11/3 ^u	Pacif. Fleet	Modification of type TC radio telephones - fwds copy of recommendations. W.
593769		fwded from 67 card ~~transmitted on 12/15/21~~	To Ware Radio Co inc rel report recd from NY covering demonstration of duplex radio telephone 12/15 W
✓ 600296	12/17	To Washington	Improvements of Radio Telephone Apparatus - inform rel W shows report W

Number.	Date.	From or To—	Subject.	
✓ 601052	12/16	Washn.	Calls attn to error in wiring of model TE radio telephone equipt at radio test shop. V	916
✓ 601623	12/20	Dept Agriculture	Awds request of Chraibargis for information on wireless telephones. W. 18- Gives Action 12/29	
✓ 603086	1/4	1922 Aircraft Factory	Request auth instln of shore radio telephone equipt at Aircraft Factory previously assigned to Cape May. W. To Ltr Aircraft Bld via Coast Bldg- 1/14/22	
603304	1/7	To Washn	Requests that work of completing radio telephone transmitter for broadcasting from Arlington be given Class A priority W	

Number.	Date.	From or To	Subject.
596564	11/17	N.Y.	Ask if radio telephone set located at army supply depot, Survey #29, belongs to Navy. ^W Gives disposition of radio transmitter 11/21 To G-I-C Brook- Gives disposition of radio set 4/18
596505	11/19	To Ge Co	porcelain socket unit; Request Vandyke to forward W Inspr. E Ask if type number has been assigned. 12/1 W
596908	11/19	Washn.	Subm list of special tools for model TB radio telephone equipt held in stock- request auth to furnish vessels. W.
597270	11/22	Citizens Tele.Co. Moringo, Iowa	Ask where Co. can purchase receiving apparatus for a wireless telephone station. ^W To-- Gives Action 11/28 fwd SCA 11/28
597895	11/23 11/28	Colorado Springs Clinical Labr. (H.H. Pratt) Dept Commerce	Request loan of radio telephone equipt for graphing heart and chest sounds. W Fwd War Department 12/2 To The Colorado Springs Clinical Lab Co- Gives Action 12/2

TELEPHONES RADIO

1921

Number.	Date.	From or To---	Subject.
586967	FROM CARD 66		Washington- Report on test of radio apparatus submitted by Jno. Firth & Co. W. 11/29 John Firth & Co- recd report-12;7-W To John Firth Co completed tests on apparatus listed encloses detid and complete report 12/9 To John Firth and Co instruments will be returned by express 1/12
5982 06	11/30	G. Speaker	Fwds draft of patent claim cov method of modulation of high frequency wave generated by vacuum tube. W To S&A fws invoice 5/26
598988	11/29	PacF Fleet	Copy of action to Battleship Sqd 4 giving corrections to instrns book for model 1B radiotelegraph equip. W.

Number.	Date.	From or To—	Subject.
589093	10/11	To Washn	High Power telephone with Quenched spark power equipment- mat may be used on other tube work nccy W
590886	10/11 10/17	Atl. Bat. Shp. Force Atl. Fleet	Recommendations cov' alterations to type TC telephones To Atl Fleet via C-I-C- Gives inform 10/25
591151	10/11 10/17	Bat. Shp. Force (Atl) Atl. Fleet	Request data listed on radio telephones installed To Atl Fleet- Fwds instrn booklet 10/27
591346	10/8 10/19	Chasn. SEA	Fwds manu'g reqst cov radio apprs. W. Fwd SEA 10/22
591797	10/21	Washington	Radio Ammeters supplied with model TB radio telephone equipment not satisfactory W
592492	10/20	Lare Isl.	Fwds report on model TD radio telephone equipt. W.
592569	10/25	Washn.	Report of inspection of sample head phones with shielded cords- Fwds by Western Elec. Co. W. To Washn- Reqst Vandyke 11/3 Washn.- Fwds revised specifications and drawings for head telephone cords. 11/21 W.

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Number.	Date.	From or To--	Subject.	
593769	10/28	Ware Radio.	Request auth to give demonstration	
	11/1	Communications	of duplex radio telephone. W.	
	11/19	Comments on test of telephone	Gives instrns 11/5	
	11/29	developed by Mr. Ware. 11/19 W.	Gives instrns rel test of duplex telephone 11/5	
	12/14	To NY Gives action	Finds copy of instrn for calibration and	
594122	10/27	Pacif. Fleet	operation of TC apparatus with comments on W.	
			To C-I-C Pacific Fleet- Gives comment 11/15	
54122	10/31	Inaptr CE	Fwds print showing remote control equip	629
			for Model TD sets. SE	
594181	10/28	Pacent Elec. Co.	Calls attn to Co's telephone plugs. W	
	11/3	Washn.	To-- Gives instrns 11/3	
	12/14 W	Pacent Elec. Co.	To Washn. Gives instrns 11/7	
CARD 70	12/15 W	Washn- Report of inspection of	Pacent Elec. Co. 11/16 W	
	12/22	Pacent plug. 12/15 W	To-- Gives Inform 11/23	
		To Pacent Elec Co- Request plug 1c	To Washn- Gives instrns rel insp of sample of	
		submitted 12/22	pacent plug 11/23	
595435	11/10	Washn.	Subm list of spares for radio head telephone	
			in store- request auth to assemble 9. P. 12/1	
			To Washn suggestion appvd and work atnd 12/1	
596087	11/18	Hon. S. A. Kendall	Fwds request from E. R. Beggs requesting	
			inform on radio telephones. W.	
			To Spec Agent Connecticut Central Life Ins Co-	
			Gives inform rel descriptive pamphlets 11/19 W	
			To Hon S. A. Kendall- has no free literature 11/19	

Number.	Date.	From or To—	Subject.
581390	8/18	Jno. Pirth Co.	New capacity Mullard grid leak and monotone telephone receiver sent to Radio Test shop for test. W. Jno. Pirth request return of material submitted for test. 1/30 W. To— Give data of 5 Dist Co Washn 1/28
582217	8/22	Washn.	Instrn booklets— fws for TB type. W.
49335	8/26	NORTH D. KOTA	Fws corrected Instrn book pages T C 629 telephones. W
584285	8/29	D.M.C. Frisco	Request authority to then in short range telephone set which has been in use at headquarters. 12th Dist. W. To Mr. L. Gives RB 10/27 W. O-I-12 Dist— Pacific Coast Comm— 11/3
584341	8/30	Walter R. Wood	Request information. W. To Lr Walter R Wood Gives Inform 5/10 To Eng Snd— Gives Instrns 9/16 RB 10/15 W.
586321	9/19	Western Elec Co	Fws letter from Shipping Board at Norfolk requesting book on operation of To Shipping Board— Fws Correspondence 4/22 Ship Board— Returns correspondence. 9/29 W

Number.	Date.	From or To—	Subject.
✓ 586586	9/20	Insp G.E.	Ask if satisfactory for G.E.Co to furnish Washn J.B.Dow with Photos of model TC telephone apparatus W To Impr CR 9/25
✓ 586967	9/22	Jno. Firth Co.	Co. has developed shielded telephone plug— ask if navy can use. W.
CARD 58	10/1	Jno. Firth & Co. Request test shop	Will test telephone plug 9/25
587278	9/15	To Washn rel test of apparatus 10/12	Washn Authd test 9/26
	9/20	CO MISSISSIPPI Pacif Fleet	Calls attn to trouble in main generator units of model TC radio telephone sets. W.
587339	9/26	Washn.	Fwds copies of instrn booklets on model TB radio telephone transmitting set. W.
587771	9/26	R. H. Block	Request quotation on audio receiving set and wireless telephone. W. Fwd SEA 10/1 To— Gives action 10/1
588815	9/6	Pacif. Destroy	Recommends relocation and extension of radio telephone on bridge of destroyers—fwd sketch. W.
589798	9/19	Pacif. Fleet	Use of radio telephones by fleet— report an advantages and disadvantages— W.

TELEPHONES

1921

Number.	Date.	From or To—	Subject.
570027	6/15	American Gas Accumulator Co. 8/10 W:	Ask if Bureau will consider purchase of duplex wireless telephone from Co. To CO OHIO 6/23- reqst report W To EO OHIO—Directly return material. 8/8 W To Amer Gas Accumulator Co— Compare favorably 8/6 W
570131	6/16	Washn.	Recommends Stromberg Carlson head phones used with EE equipt be replaced by Western Elec type. W
570111	6/15	City of Buffalo	Ask if police Dept can use a special wave length for transaction of police business. W. ~~Report received from Buffalo 6/23~~ fwd Commun 6/23
570635	6/18	Norfolk	Test of model MB radio telephone equipt fws report. W.
542324	from card 61		To Puget Sd (T)— install addtl 2 microfarad condenser 6-24 To Puget Sd T 6-28 Pug Sd.— (T) Lists addtl radio equipt recd for battleships. 8/28 San Diego (T) Work can be completed if insulators are recd. 6/30 W. To Capt Puget Sd 7/2 Pug Sd 7/1 T. all battleship radio telephone equipment received except for IDAHO W To Puget Sd Tel 7/1 To Puget Sd via C&R 7/9 To Puget Sd Tel 7/16 To Naval Commun 7/21 RB 8/25 W. C&R— Copy action to Ing. Sd. 7/23 W. Pug Sd— fws prints showing arrangements of transmittor room on board IDAHO. 7/29 W To Pac Fleet Tel 7/25 copy Puget Sd

1921

Number.	Date.	From or To—	Subject.	
507392	7/1	Washn.	Investigation of improvement of telegraphones— report cov with sketches. W.	900
49333	5/29	Inaprt G. E.	Fwds G. E. Co report on test of various battleships of T.C. radio equipment S&Q	629
575067	7/14	Washn	~~Had 30 minutes of time for investigation radio in battleships.~~	
47406	7/8	Inaprt G. E.	Fwds test reports on T-D radio telephone equipment from various stations. CW	629
54189	7/13	Inaprt G. E.	Fwds description and operating instruc- tions covering remote control equipments, model TB shore station radio sets SW	629
578813	7/29 8/1 8/2	A. H. Bowman Hon. C. F. Ogden Communications	Ask names of manufs of wireless telephone sets. CW. Re—Submits info reqtd. 8/8 W	
578780	8/6	To Cdr. Cf. Atl Fleet	Hqst report on model TC radio transmitters and recommendations cov. W	898

TELEPHONES

Number.	Date.	From or To—	Subject.
564018	5-19	To Puget Sd (T)	Have model TC radio telephones been recd for WYOMING, TEXAS, ARKANSAS, NEW YORK wire reply. W
From card 63			
To Puget Sd		Tel 7/1	Re Puget Sd 5/21- T- Radio telephone 5/21- W. Puget Sd Tel rel 5/21- W. Puget Sd Sub estimates 6/20 K W To Puget Sd T- 6-29 Puget Sd Copy- Rast SYA make plans cov accts for material enroute 6/28 Re last report on longest distance wireless telephone messages were recd. W. To AF Collins 6-24
564051	5/18	A. F. Collins	
564017	5/20	Fwd Intelligence	Radio Comm of Amer req permission to publish photo of trans. W
565483	5/17	State Of Nebraska Dept Agriculture	Rast inform rel to radio telephones for intra-state use. W.
566131	5-28	To Norfolk	Report rel type TB radio telephone sets W
56706	5/7 5/26	Nav. Attache London Nav. Intelligence	Nav instrm looks cov Marconi telephone telegraph field sets. W.
567101	5/23	Europ Forces	Wireless telephone apprs fwded to America. W To N.Y. 8-3 Sub list of material recd. 6/30 W To N.Y. status of radio tele recd from Brtsh Admiralty 7/11 copy NSD

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TELEPHONES

1921

Number.	Date.	From or To—	Subject.
567647	6/3	LI (T)	Model TC radio telephonon recd. Rqst loca- tion extensions W. To M.I. Tel 6-6
567322	6-4	To Phila	Radio tele- Destroyers BLAKELEY BARNEY BARNEY B. 3NALOU CROWN. Installed inst in of new radio telephone antennas. Fwds prints W copy Atl Fleet CO's
568050	5/6	Boston T	Request further instruction relative to installa- tion of B. telephone on Olan, Florida, Delaware & NORTH DAKOTA. W.
568630	6-10	To Puget Sound	Rel shipmt of telephones for ARKANSAS W To Boston Tel 6-15 Bost- (T) 56 telephone in used material account. 6/16 W Shipt order from Bost to New York 5/17 7879 Inst in of type TB sets - results of tests. will be decided later. W copy Opns.
568627	6-13	To Atlantic Fleet	
569747	6/13	Dept	Our Engineering authorized to loan
RB 11/25-W	6/14	Communications	complete radio telephone set to Naval Resve.
CARD	10/5	To Boston via Navign- Gives Action	Omaha Nebr. W.
70	10/5	cc Naval Reserve Hdqrs	Shipt order from Boston to Omaha Sep/ 6/20
569852	6/15	Omaha 10/5 RB 11/18 W	7892
		Ordin.	To Boston 10/8 RB 12/10 W Fwds letter from J. L. Peters regarding combined ratio telephone and telegraph receiver and transmitter - foding prints. W. To J. L. Peters 6-22 To Ordn- returns letter giving action 6/23

TELEPHONES

1921

Number.	Date.	From or To—	Subject.
✓ 556102	4/4	Huron Syndicate	Ask if wireless telephones are being installed on vessels by private firms. W. Re - Western Elec Co will furn inform 4/11
✓ 557037	3/22 3/23	Washn. Dept	Fwds beneficial suggestions by G.W. Carpenter and W. L. Carlson covering shielded telephone cord. W. Fwd. Dept 4/18. FBI 4/21 approving award of \$300. W.
✓ 555745	4/12	To Pac Snd	Requet be informed as to number of Model radio telephones which have been received to date W Sub. 36. 4/13 W.
✓ 557546	4/12	P. Shore	Request inform rel to purchase of radio telephone removed from chasers. W. To Philip Shore Sets cannot be sold by Govt 4/19
✓ 558042	4/16	Insp GE (T)	Ask if GE Co. representative should be sent to Guantanamo rel to CT radio sets. W. To Insp GE Desires insp of app to undertaken on arrival of fleet in U S about May 1 4/18
558261	4/16	Destry flat Copy	Rel approval of requisition to draw one radi telephone set complete for emergency use. W. To Chas (T) Issue one set withd if available in Used mat account no expenditure funds withd 4/18 To Flot 5 (T) Appvd 4/18
559270	4/21	N.Y.	Request pair of Pickhardt adjustable head telephones for use with audibility meters. W. To R NY Gives instrns 4/28

TELEPHONES

1921

Number.	Date.	From or To—	Subject.	
561180	5/2	To G E C(T)	Reqst have engineer at NY Wed 9 Am 5/4 conn with conference with Bu and Fleet representatives W Inspr GE (T) Representatives will report at NY. 5/4 for conference rel to battle ship radio se's. 5/2 W. GE Co. 5/3 W	
562917	5/9	Washington	Fwds instrn book for model TB radio tele equipt. W	
563405	4/28	CO WILLIAMSON	Radio telephone sets installed on destroy submarine schedule with recommendations covering remedying of certain trouble. W. To CO WILLIAMSON 5-17	
563511	5/12	Atl Flt T	Recommends type TB radio telephones be not installed on battleship but type TC now installed be shifted W	493
564376	5/2 Inspr GE 5/21	Dept W.	Fwds memo rel to inst of radio telephone for Evening News of Detroit. W. To Evening News 5-18- fwdg to GE Co. W To Insp GE- 5-18 To G.E. Miller- Copy Inst action. 5/17 W To G.E. Miller 5-20	
564008	5-18	To Comdt Puget Sound	Models TB and TC for battleships of the Pacific Fleet. Inspr GE (T) Subm list of addtl funds required. 5/5 W	
564870	5-18	To Western Elec (T)	Expedite delivery type TB tele sets ship from Chicago never recd trace and info when delivery may be expected W	

TELEPHONES

1921

Number.	Date.	From or To—	Subject.
✓547771	2/19	Western Elec Co.	Ask if any objection to furnishing radio equip ^t to Chief electrical engineer Sydney, Australia W fwd S&A 2/25
548361	12/23	Cooper Underwear Co.	Ask if wireless telephones service could be installed between Co's factories Kenosha, Wis and Hamlet, Mich, across Lake Mich. W. To— 3-1
548850	2/25	N.Y. Western Elec Co. 3/12 W Fwd Intelligence 3/16 3 4/18 W To Shipping Board fws cc of let rel type telephone 4/28 Ship Board- 5/3 W.	Amateur radio instn-fws pamphlets from magazine QST calling attn to vacuum tubes being in use which should not have been offered for sale. W. To Western Elec Co. asks rel telephone sold to Mr. Hewitt- 3-5
542332	2/2	Washn.	Fws report on test of sample of TB Duplex radio telephone set. W 911
549911	2/20	Cooper Underwear Co.	Request advise rel to connecting factories with radio phones. W. To 3-7 Communications 3/10 W.
549806	3/3	Radio Corp of America	To 9 Dist Fws Corr listed 3/18 (R.H. Ranger) Will call at Bureau 3/3 to inspect telegraphone high speed equip. W
550741	3/8 3/10	Hon. A. E. B/ Stephens Communications To E A Gast Cincin- Gives Inform re bulletins 4/19	Request fwd pamphlets and bulletins rel to telegraphy and telephony to E. A. Gast. CW To Hon. Stephens 3-14 County Surveyor, Minn.-Rqt bulletins be furnished. 3/28 W.
550753	1-14	6586 To S&A	Reqt shipment of radio phone from Wash to Puget Sd W 6586 RE 3/31

TELEPHONES

1921

Number.	Date.	From or To—	Subject.
551683	3/15	Dept Commerce ✓ To Comm of Navign Gives action 3/19 To Navign Reest Inform 4/18 Dept of Commerce - 4/23 W	Fwds copy of letter from Radio Inspr Detroit indicating need of complete wireless telephones and receiver ask if loan can be made. W. Fwd 9 Dist 3/19 RB 4/5 W.
551978	3/11 3/17	First Natl. Bank Emmitt, Idaho Communications	Ask what Co. can furn wireless telephone sets. W. To First Natl Bank Gives Instrns 3/19
551981	3/19	To Comdt- 9 Dist-MI- Pug Snd P H	Advance inform concerning tel equipment to be installed at certain shore radio stations W
552504	3/22	To Boston-Phila- Key West- Inc NY-Norf	Fwds Descriptions of model TD 750 Watt output telephone sets W
553783	3/25 N.Y. 6/7 Fwd S&A 6/11	N.Y. K	Fwds corr spondence and bill from N.Y. Telephone Co. for telephone connection with Madame Tetrazzini K Fwd S&A 5/12
554465	4/4 Fwd S&A 4/9 Fwd S&A 4/9	W. Grimm 4/9	Ask if can purchase loud speaking telephone from Nav. Ship Depot. W.
555735	4/6	To C-I-C Atl Fleet (T)	To —Will appre an order from Dept for a loud speaking tel and inform re cost 4/4 By is arranging for GE Co radio rep To visit fleet if purpose examining radio tel set; Reest inform W

Number.	Date.	From or To	Subject.	
539734	1/7	Dept	Cop. of letter to Dr. L. W. Austin authorizing publish manuscript on wave front angle in radio telegraphy. Fwd Parton 1 and 14	
~~539855~~	~~1/10~~	~~To Wash~~ ~~PRICH~~	Reqt shipment of battery from Washington to Navy Bldg. W	5916
541329	1/10 1/19	Dr. L. W. Austin Communications	Reqt. ... rel to ... wireless telephones.	
541399	1/19	Washington	Ask what tests are desired on model TB 2. Max radio telephones except subm. by Weston Elec. Co.	
541542	1/18	America. W/V Corp	Ask if proposed wireless transmitters of President select Harding memorial address will be of a wave length of 22 meters.	
542225	1-25	To CO NORTH DAKOTA	Reqt return of co. 5 loaned to CO W Co. 5 Boston	
542323	1-25	To Maine Island	Fwd copy of instruction book. W	
542322	1-25	To CO FLORIDA	Fwd 1 instructions books for use on board W	
541785	1-24	To Washington	Design problem 130- covering design of master oscillator for amplifier radio tele Shipt order from Phila to Wash 7/9 8069	

TELEPHONE

Number.	Date.	From or To-	Subject.	
542324 TO CARD 65 542866	1-26 Pug. Bd. - () insulators should be installed in re- drilled cable To Puget Sd 1/25	To Puget Sd card 65 Ask if type SE 1694- Tel. 5-31 5/26 Washington	Eds. copies of instruction books 7 copies to CC's files To Comdt Puget Sound- install of radio equipment during overhaul WYOMING ARK NY TEXAS 5/16 in conn with changing power equipt for model TC radio telephone eqt from 125 volts to 245 volts. W.	
48709	1/1	Washington	Eds. minutes of conference on sample model TB radio telephone equipt. W.	629
544267	2/28 3/2	Signal Corps Communication	2nd West Inform rel to install of wireless and Com 2-7- gives addresses of manfg 2/8/21	
544892	2/4	Washington	Eds. memo on installation of radio telephone separate telephone circuits- and report covering visit of representative of To Signal Corps 2-14	
545227	2/5	Washington	Tells attn to certain points brot out in test of sample of model TB radio telephone equipt submitted by Western Elec. Co. W.	
546266	2/8	D. M. Key	Eds. memo on installation of radio telephone To D.M. Key- gives names firms 2/16	
547407	2/18	Washington	System for radio telephone systems- recommen- dations covering changes in. W.	
547637 Amendment 6420 2/25 To GO OHIO 3-2	2-25	To SEA	Request shipment of radio phone equi from NY to Ana polis for OHIO W 6410 RB 5/23	

THE RECORDS:

1920

Number.	Date.	From or To—	Subject.
534534	12-13	To Boston- NY-Norfolk T	Engr GE Co available consultation comm
	12/13 (T)	consultation with GE Co	in: radio phone on battleships. Request
	12/13	inspr disasible upon test on	advise.
	12/13	EX-137/137A completed. 12/15 W	Boston- (T)- Post expedite GE wiring
534468	12/8	A. J. Keszthelyi	diagrams. 12/14 W.
	12/8	Adm Washn 11-29	Calls attn to invention applicable to
	12/8	Bur Stand rds- Rds comments on	receivers and transmitters for wireless
	12/8	design problem 127-0 1/31 W.	apparatus - ask if interested. W.
	12/8	To A. Keszthelyi- 2-7-21 W.	To A/S Keszthelyi- 12/15
534509	12/8	A. H Rice	A. J. Keszthelyi- Comm. on. 12/22 W
	12/8	Anacostia	Request permission to demonstrate wonders of
			wireless telephony with Anacostia transmitter. W
			To A. H. Rice 12/16
			Mrs. A. H. Clark- Acknowledges courtesies
			extended by Green 1-14
534263	12/6	Eng. Ed.	and CO in costia 1-14
			C. W. letter to C&B in conn with failure
			of Diehl fr. Co. to make delivery of parts
			for sold prior months. W.
534812	12/15	To Bureau Stand rds	Rel design problem 118- test of tuned
			telephone W
			To Wasington 12/15
			Bur Stand rds- Rds print with report. 12/30 W
534817	12-16	To Norfolk	Install of new equipment OKLA and 11VLA
			com Atl Fleet
			To Coast Post n install UH DELIA N DAKOTA 12/16
			com Atl Fleet
			To T. T. inst in FLIN ARIZONA 12/16 com Atl Flt
			To Boston in Norf rel 12/30 copies to Fleets
			and CO's
535373	12/17	Inspr GE (T)	10 radio telephone sets being shipt by
			express to I. T. W.
535394	12/20	To Boston T	Rep fro Bur and GE Co will report Dec 27th
			in Conn in: radio phone trans W
			To Norf Tel 12/20

902:TELEPHONES:

Number.	Date.	From or To.	Subject.
✓ 535369	12/23	Inspir EE T	TC sets will be delivered two per week. To Insp EE (4) Request inform 12-23
✓ 536500	12/23	Hon. L. T. McFadden Dept	To Insp EE (2) Give inform 12-24 Request send C. L. Tewksbury publications relative to wireless telephones. To Hon M C Fadden 12/30
✓ 537140	12/31	To Boston Tel action to Atty Gen 1/21	Rel test on none on UTH. W Boston (2) satisf test could not be obtained. 1/4 W.
✓ 537413	12/29	J. W. Shannon Communications To	Request literature on wireless telegraphy and radiophone. W. Gives info 1/3/21
✓ 537664	12/30	Western Elec. Co.	Are setting up sample TR radio telephone set for test. W.
✓ 538071	1/3	Communication Supt	Copy of letter to Radio material officer NY requesting medium power radio telephone set be supplied for instn at P.Y. W.
✓ 538972	1/5	Communications	Internal Prod. Co. request inform rel to radio telephones. W. To Internal Prod Co 1-14-21
✓ 513735-201	1/5	U.N.I. - Eng	Radio Telephone between AQ. CRE & Hakodate.
✓ 539406	1/10	Washington LEP - see 49 533- 635	submit data and suggestions rel to fillament control of equal TC radio telephone equip W

TELEPHONES

59

Number.	Date.	From or To—	Subject.
525916	10-27	Naval Int	fwds report on wireless telephone and direction finders used in Japanese navy; W
526041	10-26	Atlantic Paper & Pulp Co	Request info rel to establishing radio telephone sending and receiving set; W To 11-13
527245m	11/2	S&A	fwds correspondence in conn with sale of radio telephone equip to Submarine Signal Co. ask if will authorize. W. fwd S&A 11-13
527302	11/3	PCCS Copy	Ask what stations in East Transmitted 11/2; excellent record made on telegraphone. W
391836	from card 34		To Comdr Taylor. action taken on amendment 11/15/36 To Comdr Taylor- fwds copy of amendment 11/23
529783	11/13.	Warrent	fwds article on radio telephone circuits modulation written by Mr. A. McDonald.

N.S.E. Form 134.
INFORMES

Number.	Date.	From or To--	Subject.
530965	11/23	Bur Stand. Labr	Suggests power eqipt for future vacuum tube telephones and telegraph sets to be used by the Navy. Report of C. Speaker covering. W
531726	11-30	To N.Y.	Request yard N.Y. authorize radio technical assistance to cooperate with Comdt 3rd Dist rel program to be given by Mme. Tetrizzini. W com Comdt 3rd Dist
531726	11/27	Communications	Request arrangements be made at N.Y. for Madame Tetrizzini to sing into a radio telephone at N.Y., week of 11/28. W
531744	11/12	War Dept	Cavalry pack set, signal Corps. - fwds photo drawings, etc. covering. W
532353	12-4	To Comdt Boston Boston- Gives explanation of estimates.	✓ Location of motor generators for model TC radio telephone on battleships W CO IN CO U.S. NAVY FLA. To Mr. Norf 12/4 copy OKLA NEVADA
532365	12/7	To SZA	Request shipment of radio telephone from F.S.B to Airc Radio Lab Anacostia W RL 1-8
532613	12-11	To N.Y.	Suggestion in re sale of radio telephones to be on 935- W com SZA (separate letter) RB 3/16/21
534141	12-29-21 12/25 W	Survey of action to Board of To Mr. SZA 3/25 To Dr. Goldsmith Director 12/14 To Comdt 3rd Dist. request info rel reports supplied radio companies To Mr. SZA 3/25	To SZA 12/13 To Radio Corp. - rel demonstration of phone in order rep of Co may witness same 12/11 Request report on radio transmitters of Madame Tetrizzini's voice and possibly radio To 3rd Dist 2-7-21 RB 1-21
534351	12-13	To Norf T	Have model TC radio telephone trans for 10.7 D. and OKLA been recd wire reply W To Mr. Tel 12/13
	12-13	Request GE Co. engineer transmitters for NEVADA and OKLA	TC telephone transmitters for NORTH DAKOTA recd. 12/14 W 12 1.

TUMM HOMES:

1920

Number.	Date.	From or To	Subject.	
✓ 513614	8-30	To Bur Standards	Fwds copies of reports recd from Signal Cor s. on research work. Bur Stand. Labr- Returns reports, 9/10 W.	W
514528	8/25 CAL 2112Dsee 486452-652	Italian Embassy	Ask if telep one equipt requested last year is ready. W.	
✓ 514826	8/31	Western Elec. Co.	Fwds instrn book and photostat of circuit diagrams. To Western Elec 10/6	
514879	9-3	To S&A	Re: st shipmt of phones from F.B. to L.V. W F.S.B. no batteries available; 9-11: W	
515786	8/31	BROOSTOOK	Asks when medium power air craft radio tele phones will be issued W	phones 918
✓ 518854	9/18	Hilltop YMCA Radio Club	Ask if any wireless telephone sets for sale. fwd S&A 9/28	
520131	9/23 9/27	Washington S&A	Request instrns rel to sale of Guantanamo radio apparatus. W. fwd S&A 10/4	
520847	10-5 Norf. 12/15 W	To S&A	Re: st shipmt of radio telephones from Washington to Norfolk W. RA 11/4 W.	
To L Norf Fwds e. of 30 let 11/9 10-2			Shipmt from Washn to Boston 10/5 Shipmt from Washn to NY 10/5 Canc of shipmt recd of 10/5 11/9 (5102) Canc of shipmt order of 10/5 11/9 (5101) Canc of shipmt order of 10/5 11-9 (5100)	

TELEPHONES

Number.	Date.	From or To—	Subject.
520749	9/24	Mare Island	Fwds special report covering telephone instln with print. W.
✓ 521058	8/19	Western Elec. Co:	Are endeavoring to expedite manufg of telephone sets. W. Western Elec. Co. 8/13 W.
521408	10/5	Ports	Request copies of instrns cov radio tele. none equipt be furnished. W. To Ports 10/12
521932	10/8	American T/T Co.	Fwds copy of licence agreement between CE Co. and American T/T Co. W.
522891	10/18 Norf. 11/26 Request copy of shipt reqst 10/18 12/7/20	To SEA W Request copy of shipt reqst	Reqst shipt of radio phone from Norfolk to Am. Co. via W Norf. 10-27; W To Norf gives instrns 11-24 RB 12/2 W.
521838	10-19	To Amer TT Co.	Acknow letter of 8th enclosing copy of license agreement entered into between Co. and CE Co. W
✓ 524439	10/20	Naval Intelligence	Report from Technical Review in conn with development of high power wireless telephoning FW Communications 10/22 W.

TELEPHONES

1920

Number.	Date.	From or To—	Subject.	
✓ 501873	6/27	Radio Corp'n of America	Mr. Goldsmith ready to set up 10 Watt radio phone set for demonstration at any time W.	
✓ 502299	6/23 6/29	3d Dist. Communications	Recomends install radio telephone transmitter and receiver in central communication office, of District. W. To So Brook. radio phone for Whitehall dis. proves 7/2	
✓ 501429	6/16	War Dept	Request 3 sets of radio telephones be loaned to Fort H.E. Wright. W.	727-I
✓ 503748	7/2	Hon T. J. Scully	Request fwd H. Sherman inform rel to wireless telegraph and telephone systems. W. To T.J. Scully- have none available 7-13	
✓ 503804	6/29 7/6	3d Survey 4 Dist S.A.	P. A. M. Fitzsimons ask if Bur proposes to sell any radio apps W. fwd S.A. 7/13	
✓ 505246	7-15	To Bureau Standards	Evds memo subm by J.E. Parker on proposed system of modulation for radio telephony. Request comments. W. Bur Stand. Labr. 8/23 Comments. W.	
✓ 506970	7-26	To Bur Standards	Request comments on memo for Comdr Hooper from J.E. Parker covering radio telephone system W. Bur Stand. Labr- Comments on. 8/23 W	

903 707 110742.

Number.	Date.	From or To—	Subject.
✓ 507992	7-27	Boston T 7-27	Request authority to use radio telephones not available in radio laboratory to give demonstration requested by Lynn Mass. Chamber of Commerce at picnic on August 4th. W Pd Sec 7-28, RB 8/2 W. To Boston (1) disapproved use of radio phone at picnic 8/3
507399	7-27	To Bur Standards	Request subm estimates on cost of equipment to be used w standard vacuum rec and trans apparatus for conversion into duplex radio telephone as at present developed by Radio research laboratory W 903
✓ 508630	7/29	War Dept	Request radio telephone sets to be transferred to War Dept from Flt Sup Base be charged to A Appropriation Transportation of the Army and shipmt on War Dept bill of lading. W.
510440	8-11	To S&A	Request shipmt of gen sets from Boston to Washn. serial 3977 W
512817	8/23	To Amer Tel Co To Amer Tel Co Gives det'd info re American T/T Co. - Acknowledges. 9/13	Request copy of telegram recd from M. Island relating to purchase of radio phone equipment, confirmation of phone conversation Admiral Bulard. W American T, T, Co. - Quotes letter from M.I. 8/25 W Fwd M-I 8-7 RB 9/23 - W.
512871	8-20	C & R	Fwds copy of French notice of serial route traffic control by radio telephone. W

TELEPHONES

1920

Number.	Date.	From or To—	Subject.	
497844	6-7	To Atlantic Fleet (CONNECTICUT)	(T) Pacific Fleet uses wave length three four seven for radio telephone work	W
498641	6/9	Western Elec. Co.	Argentine Navy requests be furnished with Duplex radio equipmt; ask if will object to quoting. To Western Elec. Co. comments 6/23 Western Elec. Co. 6/24 W	W.
492955	6/7	CO NORTH DAKOTA	Report of inspection and test of tele tal motor generator	king 749
499894	6/16	Bur. Stand. Labr.	Fwdg report on special radio telephone instn at Annapolis. W.	
500122	6-22	To CO OHIO	Reqt Co investigate operation of radio telephone trans as outlined, fwdg result of test to BUR. CO W CO OHIO Fwdg special report. 11/16 W	of
500212	6/3 6/17	Signal Corps Communications	Fwdg pamphlet by Major General G. E. Squier on "Multiple telephony and telegraphy over Open Circuit Bare Wireless. Laid in Fifth of Sea". in own file in file in present work of wire antenna on ship board. W	875
501495	6/24	Western Elec. Co.	Request prints and instruction book covering radio telephone sets. W. To Western Elec 7/8	

T. H. 35

Number.	Date.	From or To—	Subject.	
491434	5/5	To Nav. Academy	Rest advise if telephone set at Post Graduate Labr. is available to install for test between Annaolis and Washington, desire to arrange report of Army Navy same by radio. Nav. Academy- 5/7 W To Naval Acad (T)- asks if wave length 1000 meters to used and what radiation 5/13 Annaolis- Will start telephone test 5/15: 5/14 W To Naval Academy- rel install of Bur Stds sat 5/19	
495904	5/22	John Firth.	Ask if sale of telephone completed. To John Firth- Is not disposing of any radio phones 6-4	W
496158	5/21	Puget Sd.	Shows prints of iron vacuum containers with description of, by Draftsman H. G. Cordes; request be constructed. and Bur Stds 6-11 Rb 5/26, with prints and comments. W/ To Puget Sd. auth expenditure of 75.00 7/6	W
496725	5/27	Ports	Ask type number of charging panel for atg battery of radio telephone sets.	W.
495562	5-25	To Naval Acad (T)	Speaker will arrive this evening arrange for work on telephone W	
497918	6/5	P. C. C. S. Copy	Gives wave lengths used for radio telephone service.	W.

TELEPHONES.

-1920-

Number.	Date.	From or To—	Subject.	
483286	3/23	Natl Research Council	Calls attn to radio telephone exhibit W	772
484054	3/25	Cordova Copy	Subm report covering telephone communications with ALTON OLIN at a distance of 400 miles; best previous less than 60 miles.	W.
49333	3/29	To Insp'r Schenectady	Production of Battleship Radio telephone equipments. WS	629
485323	4/1	Western Elec. Co.	Fwds print showing information rel to TB Battleship. radio telephone equip. W.	
485493	4-5	To Comdt Washn	Fwds vandyka copy of drawings. W	
486332	4/7	Radio Corp'n of America	Have arranged with representatives of Netherland, East India, Army to 333 7.2.Co. radio telephone sets at Schenectady.	W.
49323	4-16	Washn	Subm report on tests of T C radio telephone receiver subm by EE. Co WS	629
488938	4/26	50 OHIO	Request Norf. Yard be authorized to measure induced voltage current from main antenna in tele line antenna. To lm Norf. cc OHIO- reqst continue exprs on M.S.O.L. 4-23 Norf- Fwds prints and measurements. 5/4 W	W

TELEPHONES

Number.	Date.	From or To--	Subject.
✓ 489759	4-26	To American Thermophone Co.	Fnds report on THERMOPHONE equipment suitability representative for test at research Laboratory. Not satisfactory for naval use. W
		To American Thermophone Co. 5/4	American Thermophone Co. 4/29 W. To Amer Co 9/15
900-5035	4/27	Washington	Fnds copies of correspondence with American Telegraph Co. re: development of tele- graphone for radio reception and purchase of WR
490545	4/27	Naval Academy	Fnds letter from Asst. Professor G. H. Robinson submitting suggestions covering "speaker" system using 3 phase supply comment on three phase radio telephone system 5/14
439336	FROM 47		
		Y. - Report on test of Duplex radi- telephone equip at American Gas Accumulator Co. 7/9 W	To Amer Gas Accumulator Co. - request return of tubes 4-30 co. 7 Co. at Washn
		To NY 7-28	American Gas Accumulator Co. - Request opportu- nity to demonstrate a paratus 5/3 W
		N.Y. - Special report. B/S W.	To N.Y. - request rep visit works of Amer. Gas Accumulator Co. witness demonstration 5/12
		N.Y. - Recommends construct one telephone. B/23	To Amer Gas Co 5/12
		To NY. Request undertake work 6/51	To Amer Gas Co. request advise cause of delay 6-1
		Nav. Supply Depot- 11/20 W.	American Gas Accumulator Co. - Are awaiting visit of N.Y. representative to witness demonstration. 6/3 W.
		To O-I - Circulates in form re suit of inter cc 5 th Washn W.	To N.Y. - request expd report 6-14
		N.Y. - Request disposal of set 2/12 W	To Amer Gas Accumulator Co. directs retain until rep from N.Y. yard make investigation of set 15
✓ 490822	4/20	Naval Intelligence	Submits article covering wireless telephones and telegraphs in Japan, calling attention to large Company formed to manu - W
Phila 12318	5-5	To SEA	Reqn for radio telephone sets. copy to S.O. Phila. W

TELEPHONES

Number.	Date.	From or To	Subject.	
✓ 475666	2/8 2/12	Finigan Communications	Request authority to conduct experiments in long range wireless telephone work. To F.M. Finigan. suggests communicate with Dept of Commerce 2/19	W.
✓ 477069	2/19	To Rear Admiral W.S. Smith, Secty Office	Stevens, Prof. E. S., wireless machine to telephone around world without a relay etc. do not consider inventions practical. Wds. correpen in re to.	W.
✓ 477396	2/17 2/20	Pottsville Daily Publications Communications	Request inform tel to device for sending wireless telegraph messages within a radius of 5 or 10 miles.	W.
SE 335	2-20	Fwd Dept	Radio telegraph. SE Reqn 335 for 14 Telephones. Requested made proprietary.	W
8 477067	2/21	To S&A	✓ Reqt shipment from Charleston to Great Lakes radio appr. W. RB 8/2 W/ To S&A - asks status 5/21 S&A - Copy of action to Class. 5/22 W.	
✓ 478010	2-25	Washington	Lists battleships which have been supplied with standard battleship receiving equipment in place of plugs: W	

Number.	Date.	From or To—	Subject.
319925	FROM CARD 17		Supply Officer, Bermuda, 2/16 To EC IX via S&A— reqst invoices fwd to Bermuda be recalled copy in IX 3/1
481055	3/8	Institute of Radio Engrs. (A. Goldsmith)	Expresses appreciation of remarks on book entitled "Radio telephone". W
480744	3-11	To S&A	Reqst shipment head telephones from Wash to SE. W
481580	3/10	N Orleans	Reqst invoice price of radio telephones—W fwd S&A 3/24 (35316-629)
481201	3/13	To E J. Simon Co	Fwd drawing. W
481679	3/11	Dept Of Agriculture	Reqst prints covering telephones and telegraph sets - 4 To Dept Agriculture 3/25

TELEPHONES

Number.	Date.	From or To--	Subject.
464861	12/10 12/15	13th list P.C.C.	Fwd a copy of preliminary report of test on radio telephones conducted at University of Washington. W.
469460	1/7	Mare Island	Test of working range. Western Elec. radio telephone - report covering. W.
469611	1/15	Western Elec. Co.	Fwd drawings of model TB battleship. radio telephone equip't. W.
468777	1-15	To Boston	Installation of radio telephone equipment at Boston and Newport. W Boston 2/14 To Cdt Boston 2/20
49333	12/23	Washington	Fwd record of test of model T.C. battle- ship radio telephone set; SW 629
471410	1:23	Pug Sd T	Request authority to use radio phone remote control microphones for WYOMING ARKANSAS, NY & TEXAS. 4 required for each vessel. W To (T)-Install in chart house loud speaker extension complete etc. 1-24
470317	1-22	To Lehigh Valley Light and Power Co	No surplus radio telephones available for sale at this time. W E. H. Munich 1/16 Comm locations 1/19- sk if wireless telephone is on market for private use and if any Navy surplus sets are for sale. W

902:TELEPHONE3:

Number.	Date.	From or To—	Subject.	
✓ 473047	1:27	3rd Dis	2 Evds print of Western Elec type head telephone showing proposed change in cord support. W cross to 906. To Wash 1/7 RB 2/15	
✓ 473322	1:31	Western Elec Co	Submits information re generating equipment for TB battleship radio telephone equipment. W	
✓ 473587	2/2	~~Euro-American Co.~~	Ask if Bureau has wireless telephone set for sale. To- none for sale. 2/4	H.
31548	2/5	To Industrial Mgr N.Y.	Requests that Sperry Co be advised that a board 625 has been ordered to investigate the charges incident to cont 31547 and 902.	
✓ 474914	2/7	~~S. K. F. Industries~~	Lecture to be given before Radio Club of America. Ask if Bur wishes mention made of new duplex short range telephones developed by Western Elec. Co. To- no objections giving info mentioned 2/10	W.

TELEPHONES

Number.	Date.	From or To—	Subject.	
✓ 458970	11/19	J. C. Hernandez	Request information with price covering wireless telephone equipt offered for sale by Govt. To. 1-5	W
✓ 458223	11/21	Western Elec. Co.	Have submitted revised drawings, showing proposed changes in intercommunicating system.	W
✓ 459710	11-14 11-22	C. J. Harrah S&A	Rqst. info re radio app for sale by Bureau. wd S&A. 1-6	W
✓ 459869	11-15 11-24	Puget Sound Communications	Re research work at U of Washington. To FCCS- Rejst fwd report for comments 11/28 Communications. Fwds letter from P.C.C.S. in conn with resea work at University of Washington. 6/1 W.	W
459849	11/24	Washn Yard	Reports on removal of radio apparatus from subchaser 121 213 and 198-W.	1-2-6
460890	11/27	European Forces	Subm suggestions covering certain changes in radio telephone sets.	W.

Number.	Date.	From or To—	Subject.	
462393	12/9	Washington	Voltage of power supply for model TC radio telephone transmitter - recommendations. W.	
462440	12/9	Phila.	Request Bureau instructions regarding disposition of obsolete radio telephone apparatus type, CW 925 - 8. W. To - 12-30.	
463745	12/16	Washington	Test of model TC radio telephone sets subm by G.E. Co. - Subm report. WR.	
463791	12/16	Norri.	Request radio telephone pamphlets be furn. W to I.M. Norri - Advise if possible to reduce number of copies reqtd. 12-26 Norri. 1/2 To Norri. 1-7	
463935	12/6	Mare Island	Future developments of radio telephones in conn with land circuits - report cov. W.	
464143	12/18	Pearl Harbor (T) To (T) - Diaphragms executed. 12-29	Request shipt from Mare Island of 24 diaphragms for Western Elec. radio receivers. W X 852.	
335316	12/17	Phila	Submits report on number of radio frequency meters used in radio telegraph S.E.S.	519

TELEPHONES

Number.	Date.	From or To—	Subject.	
456365	11/3	To Anacostia	Fwds summary of wireless phone experiments conducted by E.C.Banson. Request review. W	
456968	11-8	Signal Corps	Asks if delay has been made covg radio telephone sets. To War Dept snip will go fwd early date 11/12	W
457262	10/26 11/8	CO NORTH DAKOTA Atlantic Fleet	Fwds drawings showing manner in which circuits of radio telephone were changed so as to use same in any ship's service telephones. WS. X 71?	WS
457350	11/11	Western Elec. Co.	Subm list of indicating meters being used in type TA radio telephone set; gives description of. W.	
457394	11/11	Washington CANCELLED	Fwds report with photographs on operation of fire control telephone sets. W.	W.
457627	10/12	Phila.	Recommends manufacture and install water tight battery required for radio telephones batteries in Destroyers; recommendation based on request of CD LONG; fws prints. WL	WL

TELEPHONES

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Number.	Date.	From or To--	Subject.
47403	11/7	Washington	Subm special radio report on test of model 629 "D" radio telephone transmitters. W.
✓ 457857	11/13	Internatl Motor Co.	Ask if any difficulty in securing authority to connect different cities in which Co. has manufacturing plants, by wireless. W. Fwd Com 12/5
✓ 440332	From 49		To CO's Radio telegraph telephone headset transfer switch. Bureau reqst fwd report of W 11/18 X Phila 11-21 Submits comments with prints on radio installn on new destroyers- W (cross to 496 and Q-6) 1920/ J. HART instruments satisfactory 12/1 To PAUL HAMILTON 9/29 107.7.4

TELEPHONES:

Number.	Date.	From or To--	Subject.
✓ 449564	10;1	Phila	Reqt vandykes to be used in con with instal of tel head sets, transf switch on destroyers. ~~Cross to 900~~ To Phila-Fwd vandyke. 10;13
450148	10;9	W P Grace & Co	Reqt copy of booklet cov instal and operation of radio tel set. To Grace & Co-Fwd copy of booklet. 10;14
451493	10;11	Dept	Auth instal of tel sets at Neah Bay for communication by weather bu and Tatoosh Sta. W To Pg Sd-Regarding the instal of tel sets at Neah Bay. 10;20 Puget Sound. Submits estimate. 11/29
900- 4864	10;18	Washington	Communications- Weather Bureau states radio telephone set installed by Navy at Neah Bay will be maintained by use of personal funds. Request action. 10/22 W Subm report of test of model Y tel sets subm by Western Elec Co and GE Co 706.
420517	PROM 43		To S&A cancellation of shipt order of 5/24/19 10/15

TELEPHONES

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Number.	Date.	From or To—	Subject.	
452808	10-16	CO	Reqs Westinghouse dynameter be furnished for radio telephones.	529-6
✓ 453465	10,22	A N Goldsmith	Reqt auth to include descrip of radio tel sets in new additional of books which will be published. To A.N. Goldsmith- no objection provided marked by courtesy of Navy Dept 10/28 A. Goldsmith 10/31.	
455026	10,6	European Force	Reports on use of radio tel type CW 936 by Mine Sweeper operating on Northern Barrage. W	
454971	10/29	Resch. Labr. bur. Stand	Fwds report of Dr. J.M. Miller, simultaneous send receive telephones. W.	903
✓ 455550	11,1	K McLeod	Asks if have any pamphlets describing different types of instruments used by Gov. To DuQuoin Battery Station. Robisons manual being refixed, can be obtained for 1.50 11/5	W
✓ 455364	11/5	To Bureau Stas	Fwds summary of wireless phone exprs E.O. Hanson. Reqt data be reviewed. W	

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TELEPHONES:

Number.	Date.	From or To—	Subject.	
442110	8/26	Bu Stand	Sub report of fire cont duplex tel set. To Wash— fwd comments on Western Electric fire control duplex phones 9/8	W
442181	8/30	To S&A	Wash Yd 9-13 Rec certain changes in fire control set. W Req ship from Norfolk to Washington one Delco gas engine battery charging unit W	
442413	8/8	To Island Oil & Transp Co	Advisees has communicated with War Trade Board and they have taken up with representative in re to inquiry regarding exporting radio phone equipment for use at Palo Blanco loading station W	
442778	9/5	To Insp Chicago (T)	Bureau understands type OW nine three six radio telephones being shipt with three type OBD three five three five batteries each telephones period. This not desired since telephones will go to store and batt rapidly deteriorate period. Req all such batteries be shipt Wash Yd for store comm later follows W To Insp Chicago— reqt fwd no. of dry cells available 9/10 cc to Wash Insp Chicago 9-12 Reports on number of dry cells on hand Insp Chicago—Reqt ship instruc cov shipt to Wash Yd. 9/24 Insp Chic 10/25	
444835	9-9	American R & R Corp	Are developing radio phone— First sample bulb.	W

TELEPHONE

Number.	Date.	From or To.	Subject.	
440332	9/10	To Comdita IM's Desty Force Destyenders	Authorizes installation destroyers equipped with short wave radio receivers for reception of jammed and sustained waves to the main switching arrangement according drawing and W	
51	10/24	To Inspers dated 9/10 10/24 To Odt Boston- rel to use of antenna 10/29	USS Caldwell-Sub comments. Sept. Circular let-Tel headset transfer switch- Sent to Commanding officers 10:11 Boston 10/17 CO STOCKTON 10:16	
445869	8-11 9-16	To CO's 12-23 Circ lettr sent to CO's and Bath 10/16 USS DUPONT Communications	10:21 USS CALDWELL-Present tel headset to remain. Reports on radio phone communication.	W
445888	9-8 9-16	USS GRAF WALDERSEE Communications	Reports on test of wireless phone.	W
445921				
445922	9:22	John Firth & Co	States made arrangements with I Baldwin to take charge of distribution of tels he mfg. W To Odt Washington- re above 10/4	
445388	9/22	To Odt Pensacola	Request semi-monthly reports of station Pensac be examined for any disclosures relating to invasion of radio telephones carried on by E. F. Messner formerly expert radio aide with Navy W	895

Number.	Date.	From or To--	Subject.
439227	8/13	To S&A	Reqd shipmt from Chi to Norfolk 25 phones W Received back 10/20
439228	8/13	To S&A	Req ship from Chi to Charleston 15 radio telephones W RB 10/2
439221	8/13	To S&A	Req ship from Chicago to Fleet Base 25% of total remaining spare part boxes for radio telephones W To Chicago--dis part boxes (2) for radio telephones 8/15
439230	8/14	To S&A	Req ship from Chicago to Great Lakes 10 radio telephones W RB 12/15
439232	8/14	To S&A	Req ship from Chicago to Fleet Base 128 radio telephones W RB 11-22
439233	8/14	To S&A	Req ship from Chicago to Puget Sound 75 radio telephones W
439234	8/14	To S&A	Req ship from Chicago to Mare Island 168 radio telephones W RB 10/4
439441	8/15	To S&A	Req ship from N.Y. to Yds stor batteries and charging panels for use radio phones L RB 10/9 Shipmt order of 8/1 received back 10/9 RB 10/10 RB 12/15 Shipmt Ord 8-15 L B 11-22 ditto 8/15 RB 4/26 L ditto RB 5/25 L ditto RB 7/19 L

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
437218	8/13	To S&A	Req ship from Chicago to Mare Island 75% of remaining spare parts boxes for radio telephones W
2977 1/2	8/14	Test Ship West.	Fwds report on operation of control Duplex Tel Set. 30 706
441574 754	8:13	Emporia Co	Reqst infor re purchase of radio phone sets from Navy. AW To—Have no equipment for sale- 8/27
442413	8:27	Island Oil & Transp Co	Asks if permission will be given to export radio tel equip for Palo Blanco Sta.
442565	8:25 8:27	Dept Commerce 1st Dist	Asks possibility of purchase radio phone sets removed from vessels for coast and geodetic survey. To 1st Dist fws booklet 9/11

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Number.	Date.	From or To—	Subject.
433723	7/21	To Mare Island Tel:	Radio telephone on receiving ship. Son Frank should be efficient worker in case of in chief radio telegraph desires arrival to use radio telephone. 707-11
Boston NSA 2637	8/6	To Boston via S&A	Info req. for this equipment required for can obtain from FSB- W
✓ 437603	8/7	To OHIO	Req arrange series of tests which will permit representative of Western Elec Co to hear on radio receiving set. the interference caused by radio telephone OW-936 when latter used for transmission on board the same vessel. W CO OHIO copy let to West Elec Co stating ship will be ready for test 18th. 8:15 W
✓ 437604	8/7	To Western Elec Co.	Fwds copy of letter to CO OHIO rel to tests that rep of Co be present. W
35576	8/6	nsr Chic	Asks how receiving set to be used for radio te o. the sets will be distributed. 507.

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
✓ 437613	8/9	To Western Elec Co	Acknow receipt of two cuts of type CW-935 short range radio telephone sets shown in manual as figures one and two. W
439336	8/12	American Gas Accumulator Co	Request 6 vacuum tubes be turn for experimental work on Duplex tel set. Cross to 898
55	To American Gas Accum Co 3/5		To tubes being ship 8/29 Elizabeth NJ
438700	8/13	American Gas Accumulator Co. 3/12	To S&A req ship from Wash to Elizabeth NJ radio tubes 8/28 R B 9-19
	8/13	To S&A	Req ship from Chicago to Cavite 25 radio telephones
	8/28	Req ship fifty 32 volt storage batteries Mare Island to Cavite.	Req ship from Chicago to Cavite 25 radio telephones (1) Radio telephones recd at Cavite with 4 storage batteries- req exp date. 4/24 W.
439218	8/13	To S&A	Req ship from Chicago to PH 10 radio telephone
439219	8/13	To S&A	Req ship from Chicago to Guam 5 radio telephone
439224	8/13	To S&A	Req ship from Chicago to Ports 15 radio telephones W
439225	8/13	To S&A	Req ship from Chicago to Boston 25 radio telephones
			Shipmt ord of 8:23 RB 9:22
439226	8/13	To S&A	Req ship from Chicago to Phila 25 telephone W

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TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
✓ 433715	7/18	To Insp Chicago Tel:	Were CW one caught five two A extension boxes for radio telephones, shipt with any brass elbows and brass tubes for attachment of watertight switches or were these accessories omitted period advise immediately W
✓ 434718	7/24	To SEA	Req ship from Fleet Base to Washington radio apparatus W To SEA cane of 8/30 30 Brook 9-8 Items 1 and 3 shipt; item 2 not in stock.
✓ 434634	7:21 7:22	3rd Dist Radio tel Adm	m Conducted by Lt Horn of Hartford, Conn/ report cov. W To 3rd Dist commens work 7/29 fwd Com 7/29
✓ 434610	7:16	MI	Descrip of instrns of operation of short radio tel set turn by Elec West Co. fwd. To MI- will fwd 50 copies 8/11 To Wash Id req fwd to MI 50 copies 8/11 MI is 4/24 - W To Wash- Rqst fwd copies instrn booklets for short ran radio tele set. 5/3 Fwds prints of Microphone control board, radio phone, power circuit expr radio phone, range chart radio phone test W
✓ 434714	7/25	To GE Co	
✓ 434723	7/25	To Western Elec	Req cooperation of Co in assisting manner in which type CW 936 radio installations might be altered. W

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Number.	Date.	From or To—	Subject.	
434298	7/18	C&R	Copy of let to NY and prints cov instruct for instal of sound proof booths. W.	724
5480	7/24	NY	Submits list of single sound-proof receiving booths on hand and those turn vessels. W.	629
435853	7:28	NY	(Old No)	
435682	7:25	West Elec Co	List shipmts of radio tel made.	
5479	7/29	Paola Tel	Lists sound proof booths on hand. SW	706
3480	7/31	N.Y.	Sub report of sound proof booths on hand and issued. W.	529
435076	7/30	To C&R	Sub report of sound proof booths on hand and issued. W.	876
55576	7/29	To S&A	Radio tel line sets modification of 2200 ft to provide for the installation of 100 ft of cable in addition to the 100 ft of cable already on hand. W.	629

TELEPHONES: RADIO

Number.	Date.	From or To-	Subject.
✓ 429950	7/3	To Western Elec Co	Bureau compiling radio instruc books and desires inc in it part of type CW 936 radio tel instruc, asks if cuts can be obtained from Co. W West Elec Co - 8;4
✓ 431103	7/10	To Western Elec Co	Fwds print with treatise on proposed system for simultaneous send-receive radio telephone which can be applied to aircraft spotting W West Elec Co- Sub detailed comments. 8;8 To Bu Std fwd copy of com made by Western Elec 8/22 To Bu Stand Lsh 10;7 Anacostia 8-26
431104	7/10	To G. E. Co.	Fwds prints with treatise on proposed system for simultaneous sending and receiving radio telephone which can be applied to aircraft spotting. W
✓ 431105	7/11	To Bureau Standards	Sub prints and treatise on proposed simul send-receive radio audio telephone system. asks be given thorough trial and report results W
429222	6/28	C&R	Fwds conversion charts pounds to gallons 736 Liberty motor tubing and report of wireless phone. DA
✓ 431835	7/11	To Great Lakes Telp	Req radio rep at Cleveland Assist Cleveland Avia Club Scribner Bldg arranging for reception radio telephone conversation from Secty of Navy Monday eve 7/14 nine PM Wash time using available radio appr at Cleveland etc. W To Great Lakes- asks if recd message of 7/14 7/22 9th Dist 8;6

Number.	Date.	From or To—	Subject.	
✓ 432701	7:14	<u>West Elec Co</u>	Service and equip in con with radio tel school N L, asks if reqst fwd.	W
J 432481	7:10	<u>West Elec Co</u> Tel	Reqst express water-tight switch for tel.	W
✓ 433472	7:17	<u>National Radio Co</u>	Copy- Reqst permission to instal radio tel on flag ship for Pacific Fleet without to exp to Gov to show efficiency of.	W
433149	7/17	To Pacific Fleet	Tel: Extension radio telephone auth in chart house, or on bridge, of vessels Pacific Fleet as desired for Comdr in Chief period work to be done by ships force period etc.	W
433713	7:19	Insp Chicago	Tel-Shipmt of radio tel.	

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Number.	Date.	From or To—	Subject.
✓ 423095	6-5	To Comdt Cavite Pearl Harbor, Mare Is. etc	Fwds revised plans showing four types of antenna insulators for use on medium and hp radio stations. Desires use where addtl insulators required. W Insr Union 6:28 To Mare Is. fws Vandyke copy of plans superseding drawing RE 61F 149B 7/9
✓ 423878	6-9	To Internatl Rad Tel Co	Tell Referring phone conv this date with Lt Eaton no serial nos required on telephone holders type SE thirty five ninety two period type numbers must be on holders W
✓ 424728	6-11	European Force Copy Base to Orkney in two spec part boxes for radio telephones 5/25 RB 9:29	2114 Regt scrapers be furnished with 2 step amplifier, also tel set and material regt for. To tel 6-18 To SEA red ship from Wash to Orkney is radio amplifiers 5/26 To SEA req ship from Fleet Must turn diagrams of radio telephone sets being manuf Eastern Elec. Co. showing circuit labeling which was rejected. W-3.
35316	6/13	To Insr Chic.	
424915	6/13	To CO (2)	For Lt. Leamon. Good result New Braun- wick at 8,000 meters. Signal strength as good and quality better than at 13,000 meters. Can test on both w. a. l. at S. Will await your recommendations regarding schedules. W.
✓ 425969	6-18	To MI Tel	09513 to Washn yard for what vessels five radio telephones required comm this material available at navy yard MI W

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TELEPHONE RADIO

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Number.	Date.	From or To--	Subject.	
420322	5-23	To S&A	req ship from Fleet Base to Orkney I s Minesweepers Detach Kirkwall. radio appr for maintenance radio phones in North Sea. W RB 9:29	
419518	6:13	Western Elec Co	(Old No)	
420323	5-23	To S&A	Req ship from N London to Kirkwall, MS detachment Orkney is radio appr W New London Exp Station 5:27	
	5-23	To S&A req ship from N.L. to Orkney is meters 30 of 5/23 cane 8/19 S&A-8:20	To S&A cane of 30 of 5/23 6/25 To New London- reqst ship be expedited 6/25 S&A 8:2 fwd S&A 7/17 To S&A req ship from South Brook to Orkney Islands 8 meters 8/19 Asks if will issue cont cov experimental radio tel sets. W	
420673	5:23	Radio App Co		
422778	see card 49			
420898	5:14 5:24	Ord Dept	Battle ship main box fire control radio tel for com between airc and ships. recs. W To Operations- rel to development of 12" signalling searchlight- 6-7	
powerful	RB 9:29 fwd Opr 10/7	than Aldis light will be required. 9-13		
421022	5:21 5:24	J P O'Brien Com	Sub report of people com by wireless tel. party receiving same not using any apparatus. W To- Thomas P O'Brien- has req Boston Yd to. communicate with 5-2 To Bost nre above 6-2 RB 6:21	
	To Boston-Sug method of radio com. 8:28		Sub report of test of radio tel instal. authorize to retain for futher test. W. 903	
421095	5/26	MI		

TELEPHONES: RADIO

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Number.	Date.	From or To--	Subject.	
420324	5-24	To S&A	Req ship from Boston to Orkney Is 24 sets key contacts. W RB 9:29	
420516	5-24	To S&A	Req ship from Phila to Orkney Is 20 radiation ammeters. W RB 9:29	
420517	5-24	To S&A	Req ship from Washn to Orkney Is, 218 batteries W RB 9:29	SEE 60
421154	5/28	To S&A- Repts take action to stop ship of radio material for mine sweepers in North Sea. 9-13 To CO (T)	For Lt. Lemman. Arrangement underway radio tel test from New Brunswick on 8,000 meters. Will advise when transmitter is in working condition. W.	23-X-6
423262	5:23 6:4	Boston Washington	Reqst 100 copies radio tel instruc books be furnished. Fwd Wash Yd 6/17	W
423021	6:2	Radio App Co	Ten bat ship radio tel com sets, ord construc by Lt Co Leclair, makes exception to cutting down order to 5, com cov which never rec. Fwd S&A 6-13	W

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TELEPHONES; RADIO.

Number.	Date.	From or To—	Subject.	
✓ 413412	4:17 4:23	Dept of <u>Interior</u> Com	Indian services in Fla. req information as to cost, etc. of wireless tel and tel sets. Indian Res. Fla. - Acklgs letter 5:57 To Dept Interior-Gives infor reqst. 4:30	
413343	4/22	Sup. Forces.	Copy 9071 report of test between GEORGE WASHINGTON AND NEW BRUNSWICK W.	23-X-6
414282	4/23	S&A	Submits report of standard stock of telephone condition estab at various Yds W.	698
✓ 414684	4:28	L W Austin	Submits report on Baldwin tel. To Nathaniel Baldwin - I was report on operation of voice diaphragm telephone receivers m.g by you. 5-10	W
414652	4/29	European Forces	Copy-9481. Reports leaving on west bound trip- will continue radio telephone tests as per schedule.	23-X-6
✓ 414728	5:1	To S&A	Reqst ship from Brook to Portsmouth of radio tel and charging panels. RS 5:16 To for CS tel 5-14	W
✓ 416314	4:28	Western Elec Co	Reqst infor as to how tel key will be mounted.	W

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Number.	Date.	From or To--	Subject.	
410317	See Card 39		European Forces 5/6 copy 9935 asks name of vessels radio telphs on Y.	793-8
416421	5/9.	To War Department	Reqst cy of detailed reports covering American and foreign apparatus which might be utilized in design of telephone transmitter employing loop antennas, for short range comm between vessels for tactical purposes W.	898
416429	5/9	3rd Dist T	Schedule for wireless telephone sets satisfactory - lists schedules of radio phone tests to be carried out, with comment. 5/9	23-X-6
418090	4/18	D.W.Conway	Fire control radio telephone sets and fore tops of battle ships. Submits tentative doctrine covering. W.	647
417402	5-14	To Commander in Chief US Fleet	Advises re: to method of radio telephone communication in conn w recent fire control board (Bureau of Ord) requirements for fire control communications between Battleships and spotters aboard aircraft and between adjoining battleships for interchange of fire control information W	RB 6:17
	U S Fleet 5/27	Extract from Report of Battle Ship Div 9 in conn with radio instal. A 11-1	To Operations ditto 5-14	
	To 2nd Fleet-11/6/21 copy	Pac and Commun- review of policy.	To Commun ditto 5-15 To Ord ditto 5-15	
419510	5:17	Dept of Agri.	Com 5-22 Proposes to use radio tel equip in national reserves for forest fire protection. Request authorize GE Co and Westinghouse Elec Co to furnish for experiment equip which will be conducted in Idaho and Oregon. To GE Co cc to Dept Of Agriculture- no objection to 6-2 fwd Commun 6-2 To Western Elec Co- no objection to sub 6-3	W

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TELEPHONE S: RADIO

Number.	Date.	From or To	Subject.	
384114	Card 32		Western Elec Co-Eds copy of drawings showing method of grounding water light sample switch on extension. West Elec Co-Eds sample switch also prints showing mounting on extension box. West Elec Co-Request approval of ext. box.	3:25
408249	4:3	COM ENGR LAB	Req certain photoes in con with article being prepared on radio tel. Com Engr Lab-Request reply to let of 23rd also data in con with article on radio tel.	W 4:20
407716	4-4	To Walm	Request shipment of 100 radio instruc books to Phila. contract 35316 with Western Elec Co.	W
407971	4-4	To 32A	Req shipment from Fleet Base to Phila radio tel spare parts boxes for use tel. To 3 - asks show del of material and report status be made 4-17	W
409308	4:7	Bu Stand	Eds critical studies of mod of tel sets prepared by Lt Nelson.	W

TELEPHONES RADIO

Number.	Date.	From or To—	Subject.	
✓ 408557	4-8	To S&A	Asks prepare shipment order transfer 2500 ft conductor cable to Boston yard install in destroyers. 1	
✓ 408698	4-8	To Col. F. J. Behr.	Referred letter of 3-30 to Commander of Submarine Base, F. London W To Comdr S Base rwd cy of letter 4-8 RB 5:1	
408984	4/11	To J. J. J. J. J.	Report take test on, during trip to Europe 318 to outline of test on JCN and to to man- rwd cy of letter 4-8 to to man- rwd cy of letter 4-8	
410504	4/5	To J. J. J. J.	Submits report of Texas two sent airplane. 918 spotting 113 during long range target practice. 100 113-113 report of 10 113 of com from airplane during long range target practice. 4/9	
411791	4:16	Dept	Req information re small radio tel sets for coal mine 1/10 or ten miles apart. Cross to 793-5	W
411374	4/4	Chaser 126	Suggested improvement in radio telephone receiving circuit.	1/2/6
412310	4-19	European Forces Cy	Submits report of transmitting results long range telephone heard by N Brunswick D 23-X-6	

TELEPHONES RADIO

1918

Number.	Date.	From or To-	Subject.
✓ 405539	3-26	To Mare Is T	15 compl radio tel equip CW nine three six expr from Fleet S up Base Brook NY March 25th lading one zero six one inv four eight zero seven eight-
405540	3-26	To Puget Sound Tel	25 comp radio tel equipment etc.
✓ 405553	3-27	To N.Y.	Reqst MR F Lowenstein be permitted to listen in on one of type CW 936 radio tel equipments-
405738	3-27	To District Base N.L.	Reqst list of all radio tel parts in stock-
J 405735	3-27	To W. C. White Research Lab GE	Tel. Lt Lemmon rep. Bu will meet you Stenack Bldg H ₂ broken ten o'clock Friday morning etc.
J 405454	3-18	CO	Submits reports of results of radio telephone test of signals from N runswick W Com report of radio telephone tes signals between N B and GEORGE WASHN 3-26 23-X-6

TELEPHONE RADIO

Number.	Date.	From or To--	Subject.	
✓ 407070	3;31	West Elec Co Tel	Req Bu assistance in securing ship of meters for use of radio tel from Westinghouse Co.	W
407138	3;29	Key West	Req information as to disposition of audion bulbs for radio tels. To Key West-Gives disposition of vacuum tubes. 5;5	W W
✓ 407344	3;27	Radio App Co	Req cont cov battle ship radio tel sets built for Navy May 1918. To- asks reply to letter of 2-14 4-5 To Radio App Co- asks pos of prints 4-21 Radio App Co-Gives drawing number. 4;...	W
406485	3/29	To GE Co.	Notes from report of GEORGE WASHINGTON radio tests from N.B. to vessel.	920-7
✓ 407863	4;2	West Elec Co	Mod of radio tel set, sub detailed descrip of with prints.	W
✓ 407175	4-2	To GE C ompany	Advises unsatis operations of type instrument. necessary to remove from approved list. until steps taken to improve ruggedness. GE Co-Comments on broken thermo couples. 2;18	W

TELEPHONES: RADIO

Number.	Date.	From or To	Subject.	
405260	3:15	MI	Req that ship be sup with radio tel with four additional therm elements for ammeters. W	
404024	3-22	To Western Electric Co.	Asks photographs of various types of radio sets developed during war be fwded. - West Elec Co-fwds photos 4:10	
404776	3-24	To S&A	Reqs shipment from South Brooklyn to Mare Is radio telephones and batteries.	
405475	3:20	New Orleans	Fwds one antenna ammeter as installed with short wave tel set unsat. recs change. W	
404511	3/24	To S&A	Reqs hnt from NY to Mare Is 150 32 volt 26 amp hour radio telephone storage bat	882-1
405834	3:13 3:26	CO GA WASHINGTON COM	Sub report of radio test with New Brunswick. W To West Elec Co-fwds report of radio tel instal on chasers. To New London Base-fwds report of radio tel instal on chasers. 5:8:18 To GE Co. quotes from report of MCKTANA telephone tests convoying GEORGE WASHN 4-2	

TELEPHONES RADIO

Number.	Date.	From or To—	Subject.	
404771	3-24	ToS&A	Reqt shipment from South Brooklyn to Puget Sound, radio telg material Received back 4:16	
399488	See Card 36		Genl Elec Co-States ship to shore radio tel set for GA Washington ready for test by middle of April.	W
405451	3/25	Dept	Reqt N-9 planes be fitted to carry 350 lbs of fuel and that both N-9 and M types be fitted w radio phones-DA	736
405998	3:20	Liberty Elec Corp	E wds copy of correspondence, for Marconi Co, req Mr. John O G Cann be loaned airplane set for use.	W
405454	3:26	Commission	To- asks info autho of loan of one airc radio trans to Canadian Marconi Co 4-2 Liberty Elec Corp- 4:3 Report of radio telephone test signals between New Brunswick and GEORGE WASHINGTON	

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
✓ 403054	3:17	To Insp Chicago	Req ship of 75 radio tel be made to MI. Copy to West Elec Co- NY " " " Chicago. " " " MI
✓ 404187	3:19	DeForest Co	Asks if Bu will consid instal of radiophone transm at this time. W To De Forest Co- not in positor. To further develp of transm of "radiophone" type 3-27
✓ 404413	3:20	West Elec	Radio tel equip type OR 936-A, conf tel conv rel to change in construc. W
✓ 404489	3:21	DeForest Co T	Sent congratulations to Lt Hooper on suc exp in tel to Ga Washington.

TELEPHONES RADIO

Number.	Date.	From or To—	Subject.	
384114 see 32	3-21	To Western Elec Co	Assigns numbers to, as listed- reqst drawings of modified equipment be fwd	
404927	3-21	Norfolk	Request radio telephone instruction booklets. To Norfolk-- fwds same 3-26	
405128	3-21	Phil	Confirms tele convrsn in connection with amount of lead covering required for installation radio apparatus on destroyers.	
405259	3-15	MI	Asks BU attitude in con with obtaining instal of radio tel sets on destroyers and other vessels. fwd US Fleet Destroyer Force 4-7 RB 5:12	W
406672	3-26	Expert Radio Aide A F Vandycce	Reports on condition of radio apparatus of Atl Fleet and owing to lack of organization Rec mmends standardization of apparatus also general recommendations on use of radio telephones and aircraft and balloons radio.	876

TELEPHONES RADIO

1919

37

Number.	Date.	From or To--	Subject.	
398801	3/3	To New Brunswick	To GEO WASHNinstruc re 3,3 test by radio telephone	920-7
400635	3/1	CO Chief	Directs transfer of t:enradio telephone motor generator from USS SUPPLY to Miss W	652-6
400958	3:5	New Orleans	Req copy of instruc booklet for instal and operation of tel sets furn. To New Orleans- fwsd 5 copies of books 3-11	W
401528	3:10	West Elec Co	Asks if will assign new code number to mod extention box. Western Elect Co. 3-22 Closes code number appointed W To - acknow receipt of letter re error 4-1	
401828	3:11	CO NEW MEXICO	Sub list exp radio material on brd, req. disposition of. TO NEW MEXICO 3-19 requ mater be turned into store at New York. USS NEW MEXICO- fwsd list of radio material turned in to New York. W 3:26	W
403460	3:7 3:17 MI 5:22	PCCS To MI Tel 6-11 Com	Req comm wireless tel set be instal at stations listed at 12th dist. fwd Comm 3-21 received back 4-14 fwd MI 4-22 Dept-Copy of letter to 12th dist RB 5:19 req furnish infor. 4:30 fwd Secty 6-2 rec back 6:10	W

ecty 6

TELEPHONES RADIO

Number.	Date.	From or To--	Subject.
401255	3-12	To Mare I Tel	Info req No CW nine three six radio telephone equipments available Mare I in addition to Destroyer Requirements W MI- Tel- 48 tel equip req. 3:13 To MI-Req ship of 75 radio tel to MI 3:15
401470	3-12	To W. C. White GE Co	Tel Replying telg ship radio telephone experiments postponed second trip detailed letter follows room height nine feet W
403043 To M 18- 7-16 402713	3-17 3-21 3-15	Inspr Chi- Inspr in accord w spec To S & A Inspr Chicago 3-21 Request in- spection data required for transmitter receivers. Inspr Chi 4:3 G E Co	4-10 To MI- two photostat ex of print 4-15 Shp reqd from Chicago III for 75 radio telephones to West Elec Co Inspr Chi- 3:34 Shipment of 75 bat charge panes from Chicago to Chicago Two way radio conv with Ga Washington, comments on arrangement which could be made also, this rep on simultaneous sending and rec by tel Alexander son W
402643	3:13	W C White G E Tel	Experimental radio tel set asks height of room in which set will be placed.
403310	3:10	Atl Fleet	Copy of let to Supply directing issue radio tel bulbs to vessels of fleet.
403800	3:15	New Orleans	Req one set spare parts equip for short range tel set be furnished. New Orleans 3:18

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TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.	
398239	2:27	Phila	Asks if Bu desire one radio tel.	
398125	2:25	Atl Fleet	Copy of circular report on status of radio tel. gives instrc for use of and directs same be used <u>only</u> as auxiliary main of com.	W
398238	2:3	European Force	Sub r.es in con with exten of radio tel on ship.	W
398368	2-28	To American Ry Ex Co	Reqt tracer re shipment of box containing two tel boxes and two head sets to Western Co BL S&A 2304— West Elec Co— 3:4	
398507	2:27	Atl Cruiser	Req West Elec Tel set comp be installed in office Hoboken, NJ. fwd Cruiser and Trp Force 3-11	W

Number.	Date.	From or To—	Subject.	
325853		<u>From Card 21</u>	NY-Radio tel instal on Ark 2:24 New York 3/5 New York 3:14 New York instal of radio tel on Rowan completed 15th. 3:21 New York-Installation completed on STIVENS. 4:14	
398773	2:27	G E Co	Com between Ga Wash and New Bruns on ret trip sub rep of exp being carried out in con with. To GE Co- re tests to be made 3-7	W
398924	2:27	8th Dist	Req portable ammeter for tuning radio tel equip be furnished.	W
400308	3:5	Anacostia	Sub report of test of radio tel app.	
329485	3-6	To GE Company	Co. firms phone conversation of 3-4 To Ga addtl info give re 3-13 To GE- asks be kept informed re status of 4-5	
	see card 39			

TELEPHONES: RADIO

35

Number.	Date.	From or To—	Subject.	
390077	1-31	To Bureau Standards	Reqst test of CW 936 radio tel be conduc to compare quality w that of other radio telephone sets previously tested at Airc Laboratory- reqst oscillograph method be used for test and copies furn Bu-	
V 391117	2-5	To Codd, Washn Yard	Lists improvements necessary, CW 936 tel reqst tests be carried on in close touch with rep of Bu-	
J 393857	1:2 2:20	European Force Com	Long distant test, fws report. Fwd Dir Nav Comm- 2/14.	W
370514	FROM CARD 30		To Radio Apparatus Co- Bur unable to locate any authorization for manf of sets. Reqst fwd Bur copies of orders for same- 2/14	
395519	2-18	To S&A	Reqst shpmt from N Y to Boston, 60 telephone storage batteries- L RB 3:21	
396319	3:1	NY Fwd	R B	

1919

✓

Number.	Date.	From or To--	Subject.
396319	2/21	To C. 3r. Nav. Dist.	Req. t. tele. removed be returned.
396321	2/20	To S. A.	Re. st. ship. of mt rill row NY to NO. val. sta. New York 3:12 New Orleans-3:25 To NY fwd copy of ship ord 3-20 3-29
396990	2:22	New Bruns Tel	Radio phone test showing improvement/ Alexanderson sug test be made cont from Washington.
397489	2:21	To USS GA WASHINGTON	Sec Navy will personally address a short message to Pres by radio tel on 22nd.
Old To 327902 see 19	2-26	To 30 *orfolk	Cannot supply shipment reqst fnds copy of shipment order-

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.	
391308	2;3	L W Austin	Reduction of antenna current for radio tel set, submits report cov. To Comdt-in-Chf Atl Fleet-Fwdg copy or report re above- 2/12	
391332	2;1	Phila	Recs sub of wooden locker for metal locker on destroyers for storage batteries for radio tel sets. 3-3 C&R - 3;26	W
390647	2-3 4;18	To EE Films GE Co-Req further information.	EE developing a radio telephone set for underwater radio comm on subs GE Co - 1;12 To Films- gives re of experiments 3-11 GE Co- Asks capacity of loop antenna. 3;18 To GE- info request letter 3-18 3-22	W
391105	2-3	To Western Electric Co	RE history and development of radio phone - - paper for Am Institute of Elec Engineers	W
391836	2;3	Bu Standard	Simultaneous Tel & Tel Co. Fwds report on test carried out together with switch. To- lists patents found 3-6 R B 3;12 8/31/20	
59		To A H Taylor-fwds papers for execution 4-3 To AH Taylor- fwd corrected sheets 4-11	with detailed comments. To Comdr Taylor Anacostia- fwds copy of amendment R commends purchase tubes for use in test of radio telephone for oscillographs W	
392776	2-6	Bu Standards	Bu Stan- Fwds oscillogram. 3;10	

Number.	Date.	From or To—	Subject.	
392719	2-3	Euro Forces	Radio tel subm rpr on W	
✓ 393174	None	European Force	Radio tel and compass, submits report on. W to European Forces. 11-7 and 1-8-19 2-25 r cept of letters	
34797	1/31	Fleet Supply Base	Requ disposition of radio recog booths intended for Aberdeen Scotland	629
✓ 392874	1:30	West Elec Co	Fyds manuscript of paper proposed to be ready on radio tel before American inst of Elec Engrs.	
389884	1-31	To S&A	Req shipment from Norfolk to Cape Henry radio tel batteries for CG Sta 155 and 161	
392608	2-8	To Comdr US Forces in France	Bur approves installation of radio telephones on the USS FAVORITE, SENACA and UTOYANA- W	

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
✓ 386294	1:18	British War Mission	Req arrangements for conference 16th in con with wireless tel apparatus, will have sample set. W
✓ 386488	1:18	To Splitdorf Elec Co	Req that small instruments being furnished have Type Number CBA 2850. W
✓ 387337	1:21	Genl Elec Co Tel	Req bureau recs as to power sup and waive lengths for tel transm sets. W To— Gives above info 1-25
✓ 387752 To—	1:21	West Elec Co	To WYOMING— reqst turn in yard for transshipment 6-6 Asks if material from radio tel sets instal on Pa. and Wyoming is available for return. W To— States that E. reqst to be advised as to use of this equip. What is now assigned & if there will be any more need of this apparatus. 2/1 1 plotters! Co. LE 4:5 W
✓ 387047	1:2	European Force	Submits report of test of long distant range test of radio tel. W
SE reqn 9-874 2-1		To N London	Reqst info re cost, install labg on radio telephone sets at Western Elec Co.

1919

TELEPHONES RADIO

Number.	Date.	From or To—	Subject.	
387457	1-23v	To Wash	Repts that tests be made on methods listed inserting a telegraph key in the circuit Washington Report on test of West Elec radio tel set.	f 1:30
388140	1-25	To NY	Author install WILLIS. asks investigatn antenna condition of re alterations and repairs—	
389505	11:27:18 12:27	Detachment #3 European Force	Submits data relative to operation of radio tel.	W
388136	1-28	To Wash	Asks instrn books on short range radio phone sets	W
388580	1-27	To SAA	Repts shipment from NY to Chasn Radio phones— storage batteries—battery charging panels RB 3:6	W
390356	None	Western Elec Co	Radio tel by E J Craft and E H Colpitts, sub detailed reports cov.	W

TELEPHONES RADIO

Number.	Date.	From or To--	Subject.	
379935	12-24	To N Lon	Asks data on radio telephone set for use on underwater craft for short ranges New London, Exp Station 1;7	W
380038	12-26	To Norf	Recinds authorization to install radio phones on ships listed	W
380101	12-30	Washington Roads	Sub committee report on radio tel sig. from Washington.	
382429	1/3	Washington Yrd	Wireless tel installed on Mayflower, feds report on.	
359647	SEE CARD 27		To Western Elec Co- Convenient for rep to confer re this model on Tuesday as per suggestion- improved CW-936 radio phone	W
382704	1/3	Deforest Co.	Feds article appearing in "Electricalian" in conn with establishing automatic radio tel installation at various light houses, asks if Government interested. W. Deforest Co- Request appointment. 1/16	702

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.	
✓ 384091	1:7	Insprr Phila	Conf tel conv relative to radio tel and miscellaneous radio work on old destroyers. Y	
✓ 384156	1:8	Phila	Conf tel conv relative to radio tel for destroyers. W	
385583	1-10	To SEA	Reqs shipment from NY to Phila Radio phone sets and etc To Phila-Has reqd shipment of material as listed to Phila 1-14 To Phila- recd acknow receipt 3-4	W
To Western Elec Co advises changes satis				
384114	1-13	To Wash SEE 38	Reqs that model of improved 3a-10 phone set be returned to Western Elec Co	W
Card 41		To Western Elec. Co. - Rost inf	To Western Elec Changes tested out satisfactorily- Suggests additional improvements	1-13
		will be ready for inspection 2/12	To asks reply 1-25	
		West Elec Co-Rep will call	West Elec Co- Fwds sketch with detailed comments. 1:29	
384759	1-16	West Elec Co-fwds prints. W 3:11 To C-in-C Atl Fleet	West Elec Co - 2:11 Asks info as to the interference with other radio work caused by the operation of 3a-10 phone as installed on Capital ships in present form W Atl Fleet - 1:20	
385230	1-15	To De Forest Co Royal Swedish Com. 2:3	Asks info re purchase of two radio sets to Swedish Govt-that they may be released To Special Commission Swedish Govt- sets have not been built 1-31	W

Number	Date	From or To	Subject	
2772-1	12/12	Marine Elec Co	Parts for radio tel, sub schedule for shipment of.	
344028	SEE CARD 22		To Bost - Asks that they ack receipt for material shipped on a light order of 9-5th 12-16 To PG Sd - Asks that they ack receipt of ship of shipment order 9-5th 1-8 To Key West ditto 1-8 received back 1;22	
376636	12/14	To NY	Asks that job order for Radio Phone on PAS HES & ZEELANDIA be withdrawn. W-Y	876
377013	12/17	Charleston	Install radio telephone type CW nine three six on USS DOLPHIN. W. Installation - 10-10-10 Initial at Key West.	12:10
376391	12/12	To Bu Stands.	Reqtd series of tests be made on antennas.	W
376304	12/5 12/10	Airg Storhouse B&A	Submt rpt of radio tele sets and spare parts at storehouse.	918
379229	12/2	European Forces	Provides copy of report of desptroyers cov radio tel and radio compasses	903

Number.	Date.	From or To—	Subject.
✓ 370514	11-18	Radio Apparatus Co	11-18 of radio boat ship, tel. station rev. cov. for radio boat ship. 11-18
363453	11-18	Radio Apparatus Co—Req invoice. W 2;3	Radio Apparatus Co—Req invoice for boat ship tel. set. 11-18
		To card 35	To Elec Controller & Mfg Co. — Ack return of let sent thru error for Elec Manf Co 11-20
		SEE CARD 28	To Phila. — Fwdg copy of drawing x2491 battery charging panel for telephone sets. 12/20
370012	11-14	Key West	Copy of letter from aide for material 7th dist req info and instruc re radio To Key West fwsd copy of instrn booklet 11-23
✓ 371296	11-23	To Norf	Radio telephone info, regstd by Navy Yard, Norf from Western Elec Co, Comments in
372500	11-23	CO Ouluoma All Forces	Type CW 935 radio tel, recd changed in
369647	CARD 37		West Elec Co—No re return 125 lnl if total To West Elec Co, remodeling should be carried out. 11-29 Norfolk 1;10

902: TELEPHONES: RADIO.

Number.	Date.	From or To.	Subject.
✓ 372111	11-27	To Norf (T)	Radio telephones USS HANCOCK not authorized, W
✓ 373378	11:30	NY To NY- instruo rel to equipment telephone sets with Westingh 8/2	W. in line set. for use on radio set. to replace old equipment now in use. Part of test of GE Co. Co. on test of Western Electric Co. 12/14 To Western Elec Co- Spare part boxes boxes will be shipped without meters. 1-4 NY - GE Co. advise if West Elec Co should GE the to meters. W. 6:30 Elec Radio 1. W. on reports of Western
730440	11:30	MI <u>CARD 38</u>	
✓ 371858	1-1	To COs 7-2	Red-. instruction booklets.
✓ 71858	1-1	To SMI 7-2	Red-. instruction booklets.
44036	11/30 12/1	Withl. 3-1	Red-. instruction booklets.
✓ 375000	12-7	To GE Co.	Given order 1 characteritics for tel. sets

TELEPHONES L. RADIO

Number.	Date.	From or To-	Subject.	
360272	11-1	To Marconi Wireless	Telegraph Co- Authorized to deliver Capt Preiss U.S.A. type 33 1100 flying boat transmitters man on Navy order 2916 To Gen Elec Lynn, authorizing phone sets	W 11-6
363707	11-1	To C-in-C Atl Fleet	Asks information re installn of radio phones on Battleships	"
364097	11;10	European Force	Shipment included 11 sets instead of 5 sets W	
365316	11;1	CO Thacher	Req instruc for operation radio tel, W 11-2	
366126	11-1	15	To S&A - (T) 11-27 - info re radio equipment To S&A Cancels shipment order of 4-5th to Brest for radio phon 8-storage batteries and charging panels 12-21	
366523	11-8	To H Lond	Radio telephone equip for organizations of the Army comments W	
366998	?	"	Gibraltar recs all radio operations on new vessels by 11-27 special instructions re and operation of radio 11-27 and radio tel to fore leaving home W rs. 11-27	8:4

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TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.	
366227	11/12	To Westinghouse	Gives list of type #s assigned to Westinghouse.	
366928	11/3	Harrison Mds.	Test of W. Elec. lines between places.	119
366430	11-13	To Boston	Comments on re-design of type of new radio telephone transmitter. W. 1:14	
366928	11-15	To S&A	Reqd ship radio apparatus. W. to USS PENNA W	
366876	11-27	Dept	Asks naval base to which cable is to be clipped.	
366913	11:15	War Dept	Req 2 radio tel sets and pilotrons tubes. W. to S&A. W. 11-21	
366358	11:20	Sims. Copy 64	To radio tel. W. available. Patapsco and To Sims (T), do not install above. 11-21	

1918

TELEPHONE RADIO

Number.	Date.	From or To--	Subject.	
361197	10-24	To S&A	Repts shipmt from Chicago to N Lon 5 2-A spare part boxes received back 11,18	W
360430	10/23	To Coms. & I. Mgrs. ~~AND~~	Repts. report on # of sets repaired. Western loc S&A on 10:29 New York - 11:15 Co 11:20 IX-Suits characteristics. 11:2 Sims-Sul report 10:20 N. York - 11:13 To Coms re-re-design of Western Elec 11-8 To Coms & I. Mgrs. re defects in phone 11-8 Shipmt from Chicago radio tele. con- tract with Western Elec Co. to Royal Navy by London.	529
361953	10/25			
360515	10-28	To ~~XXXXX~~ SNOBOMISH	Repts. instn booklet coarse and operation of CW-936 radio phone	W
362435	10-26	To Sims (T)	Your 8042100' #14 rubber covered wire shipped abroad for each radio phone 13000 feet shipped prior to 10-15th - shipmts daily Sims-Co. 8231 - Reqs. bur au confirm wire order. 16 lbs being shipped for each 10-26	W
362453	10, 28	Phila	Req balance and descrip of charging panels for radio sets purchased from Elec Storage Co W. Elec Storage Co - 10-28 16 lbs being shipped for each 10-31	
363220	10-31	To Testing House Elec	Re Co. - 10-31 Instruments with 10-31 tele. phone sets to be ordered in h.p. future 10-31	W

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
✓ 358525	10/14	Copy 6962 ship all radio material for Base 25 to Base 27 including radio material and batteries now on dock waiting shipment to Base 25 10-17	Request Base 25 be supplied with batteries for radio telephones To Sims- (T) 10-12-100 type SE 3575 batteries being despd to Lond by spec messenger- A. R. want similar batteries in Cms. as after will To Naven- in re above- 10-18 OVER To North- Regts that 2 K. Mark VI wave charger and loading coils for AYFLOWER be Avded To Wash for install
196138	SEE CARD 8		
✓			
358851	10/7	More Island	In connection with faulty antennae ammetus and radio telephone sets W
359092	10/16	American Patrol Detach.	Copy - Ship supplied with radio telephone - request expert be sent to Base 15 L. J. Shore Oct. 16 To N. Lond. Request radio expert to Key West 10-22
359023	10/15	New York	Submits report of defects in installation of radio telephones W

TELEPHONES : RADIO

Number.	Date.	From or To—	Subject.
359647	10-18	To (T) Phils CARD 30	Arrangements should be made to have radio a expert aid qualified to discuss new design for
SEND CARD		To S&A- ditto 10-19	radio phone attend confers geCrafts office
32		~~Comp. 10-18-1919~~	~~Western Elec Co West St RI Mondy Oct 21st- W~~
		~~Co. 10-18-1919~~	~~To Western Elec Co - West elec Co has been~~
		~~E. J. Simon Co-In con with mod. 10-21~~	~~rected not to ship after 1200 complete sets~~
358525	10-22		Have been rendered 10-19
	10-18	SEE OVER	To Wash - R at to crate for shipment 100
			type SE 3535 batteries- marked- "Cable
			R at 6962-- W-
			To Dept. Comments on shipt of radio to Base #25
			British Govt. Co to supply 5,000 sets. 10-22
			Rwd Dept. 11-27
358706	10/16	W.E. Co.	Asks if desires Bureau be placed on mailing list for W. E. Co. news
358558	10/15	7th Dist.	Request instructions in regard to radio telc.
359383	10-19	To S&A	Reqs shipment from NY to Dist Base K Lon 400 type SE-3535 "B" batteries W
359384	10-19	To S&A	Reqs shipment from Wash to 3rd Sect 8th Dist Galveston Texas- 100 type SE-3535-"B" Batteries W

TELEPHONES; RADIO

Number.	Date.	From or To—	Subject.
✓ 356394	10:8	<u>Sims</u> Copy 6429	Req transm and receiving tubes be shipped to base 27 for stock. W To S&A, rgt shipment radio apparatus Wash to Base 27. To S&A, rgt cancellation shipment to Base 27. 12-12 10-9
✓ 356392	10:8	<u>Sims</u> Copy 6428	Req radio tel be shipped to European Base in order to complete installation on all attached to Brest. W To S&A, rgt shipment radio apparatus NY to Base #27 To S&A, rgt cancellation above, 11-27 10-9
6 357997	10/5	Boston	Request classification for radio tele- phone drawing to Boston. Re classifications as dwgs 10-11
356706	10-10	To S&A	Comments on shipment of batteries and charging panels W
328291	SEE CARD 19		To Bost- (T) Ref your let Oct 1st- radio telegraph storage batteries expressed from NY Aug 25th R/L 8800 10-11

1918

TELEPHONES; RADIO

Number.	Date.	From or To—	Subject.	
556650	10-14	To SAA	Quotes cable from Sims re radio phone equipment - reqts that vigorous action be taken to expedite bal of equipmt	W
357646	10-14	To Western Elec Co	Fwdg specs for 1 storage batteries for radio phones	W
358613	9/24	Atl. Train	Dept. Oct. 11 Request wireless telephones be installed on Supply and Atlantic II	
358144	10/10	Sims	Copy 6654 Not possible to hold radio telephone shipments until complete unit assembled	W
358063	8/29	War Department	Removes Ensign Easterly furnish signal corps with pilotron telephone rods for transmitting sets listed	W

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
354394	9:28	Boston	Sub blueprints record of radio installation. W
354508	10:2	Sims Copy 6011	Radio tel. batteries and spare parts shipped via Doehra, ship arrived without material
		~~CANCELLED~~	Sent to S&A
354556	10:2	Sims Copy 6005	Advises to use 27 base as radio tel shipped and dist phone. W
354736	9:17	Bermuda	Reports receipt of radio tel sets. W
	To—	Informs of above action 10-11	To S&A - Requests vigorous action be taken to speed up material items not recd - That SOR Bermuda be informed of status of shipments 10-11
324925	10-3	To Western Elec	Rests information on letter of Sept 11. W

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.	
355383	9:25	7th Dist	Can show battery at Key West no pressure at Sand Key. W To Key West (T) Author. install. 2 rad. tels. Author. purchase gasoline generator. 10/5 7th Dist. Oct. 7 Telegram storage batteries for telephones not available	
			W L base-Re: authority to proceed with tel. 10:25	tel.
			To H 1 on (T) 10025 Install in Sand Key and Key West authorized 10-25	
355634	10:4	SEA	Radio tel sets, fws copy dispatch.	
355955	10:2	Atl Patrol Detach.	Req copy of descrip booklet on radio tels he fvd. W To Dolphin Fws 5 copies of above 10-22	
356350	10:8	Sims Copy 648	Twenty five radio tel received without transmitting tubes, etc. asks if shipment has been made.	
359070	10:2	Insp. Gramps	Santa Teresa Rtl to installation of radio telephones	771-2

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
✓ 352095	9:23	Boston	Proposed arrangements of radio tel on destroyers 76 and 80 and 131 to 134, fwds plans with comments. To Boston, ~~arrangement~~ approved, 9-30
352081	9:22	R Peton	Req instrc in connection with wireless tel be fwd. W To H Lon-, fwds above let 10-15
351379	9/24	To S&A	Reqs. shipt. of radio apparatus from Wash. to NY for West. Elec. Co. W To Western Elec. Co. Asks that they ack receipt of above 10-26 West Elec Co-Returns proper papers signed. 10:31
352921	9:24	Boston	Conf tel cony in con with dif in obtaining copper clad wire for radio tel.
✓ 352928	9:25	To S&A (A)	Sim - Copy. Asks when material will be shipped
36280	10/4	To Sec of Navy	Rqstd amendment of contracts for radio tele sets 629

Number.	Date.	From or To	Subject.	
353377	9:25	Lt A C Brettle	Req pamphlet entitled instructions in Weston Elec Tel sets.	
352058	9-27	To S&A	Next shipment of radio telegraph be traced.	W
352626	9-28	To S&A	Next shipment radio apparatus NY to Norf W	
353643	9:24	2nd Dist	Req authority to install radio tel on various vessles. W to report. Author. install. rd. tel. apparatus on vessel listed. 10/8	
354004	9:26	Century Tel Construc Co	Head bands for head sets used in wave meters. req test and assign type number. To sub. that head b. can be tested. 10/3 To - Pwds report 11-16	
354274	9:29	Atl Fleet	Fire control radio type CS 936 very useful when operated by skilled men. rec battle ship be equipped with. W	
3479	10/3	Insrp Phila	Co firms teleph. a conversation re shift of radio booths	629

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
✓ 347600	9:12	Sims Copy 4595	Req receiving and transmitting tubes. W To ~~NY~~ ^{NY} and. Tubes ~~will leave~~ ^{will leave} Tech. 9/20. 9/18
✓ 52 349225		See CARD 18	To Western E. Co. Asks to trace shipt. of instruct. book. 9/11 To ~~NY~~ ditto 10-25 To West Elec Co- advises ship rec. at Yd and thanks for tracing same 1/7/19
✓ 346556	9/13	To West. Elec. Co.	States that Mr. Craft will arrive in US in near future bringing 3 to British 8. 9/15
3 349355	9:13	N L Dist Base	TEL: Three radio tel will be available for shipment. ship. of radio material To S&A Repts. ship. of radio material from NL to NY for vessels. 9/17 To NY Asks that they ack receipt of above material 1-6
348700	8:27	Phila	Conf tel conversation in connection with status of radio tel set.
348740	9/17	To S&A	Repts. shipt. of radio apparatus from NY to Brest for Nav. Base. W
✓ 348750	9/17	To NL	Re revision of instruct. booklet put out by Western Elec. Co. W New London Base- Rvds pamphlet and prints short range radio tel set 2:28 To N London- acknow pamphlet 3-25

TELEPHONES: R. DIO

Number.	Date.	From or To—	Subject.
✓ 349813	9:17	West Elec Co	Req contract to cover one fifty-head set
✓ 351112	9:20	J R Smith	Re instal and operation of radio tel set W to radio room for flight instruction program
351652	1/13	To S&A	Request of weather Bu. for radio tel.
351153	9:19 on Destra	Boston 10-21	Radio tel req instruc relative to position of extension on ver. 13. To Boston. Re inst II of extension phone 10-1 Boston Oct. 13. List additional apparatus which will be required. To Post. Re location of extension telephones and to expedite inst. of radio tel. to W
352060	9:24	Sims	Status of radio tel and material req for Gibraltar. 10-21 Re rd. material shipped to Gibraltar. 10/4
✓ 352058	None	Northern Bombing Squadron	Have received no radio material. asks when will be shipped. W

TELEPHONES --- RADIO

Number.	Date.	From or To—	Subject.
343463	8:29	NY NY - In re above for Sept 18	Radio tel sets. Give list of sets with dates on which they were turned over to supply officer for shipment abroad. W To Sims. Gives schedule of shipts. of radio tel. sets. W 9/4 Sims-10:6 Copy 6297-Asks if shipment intended for vessel 7, base 18 W 10:6 T Req that NY be authorized to deliver full allowance for tubes for radio tel to rep Bat Ship. Force #1 Sept 3. W
343689	8:31	Bat Ship Force 1	
343392	9/3	To GE Co.	No objections to quoting equipt. or manfg. apparatus for British air forces. W To WJ Polyelank. Asks re transmitters referred to above. 9/3 British Air Mission - 9:10 W Major Polyelank no objection to having purchased same type of transmitters provided it does not interfere with orders placed with GE Co. 9:14
344332	9:3	Sims Copy 4066	Req instruments listed for use in installing radio tel be shipped to London office. W
344439	9:4	Sims Copy 4032	Req status of tels W Sims. Oct. 12 Copy 6794 Requests apparatus listed be shipped W
344441	9:4	Sims Copy 4098	Req 12 condensers be shipped to FL for use of array antenna radio maintenance work. W
344374	9:4	NY	comparisons in radio tel install. Evds correspondence sub and graphs to be fol. W

TELEPHONE AIRADIO

Number.	Date.	From or To—	Subject.
344028	9/5	To S&A New York - 9/16 Shipment order of 9/28 R. B. 10/10 Boston Material not received. 10-24 To Boston, re tender spare part box 11-14 To Phila reqst if radio recd 11-23 Radio Material not received 11-26 Ship order back 11-20 for &	Reqs. shipt: of radio apparatus from NY to Boston for vessels. W To Same as above. to Ports. 9/5 To S&A (5 let- ters). Reqs. shipt. of radio apparatus from NY to Navy Yds. for repairs. W 9/6 To S&A Reqs. shipt. of radio apparatus from Wash. to & for London Office. 9/6 To S&A Reqs. shipt. of radio apparatus from NY to Newport 9/16.
345073	9:4	West Elec Co	Fwds copy of conventional signs for wiring. W
346351	9:7	Boston	Shipment of certain tel radio sets did not include panels. W To Boston use of 1000 watt heating resistance arrvd until charging panels are available 10-21 Boston-Fwds prints showing substitution. 10:4
346566	9:9	Sims Copy 4446	Status will arrive in NY about 20th bringing sample apparatus, will send officer to approve changes. W
347034	9:10	Sims Copy 4541	Asks if shipment of radio tel material has been made to Plymouth. S&A Reqs. shipt. of radio tel material shipped to England 9/16 Sims Copy, re: shipt. of radio tel material for Plymouth. 9:21 S&A-Fwds status of shipment. 9:24 Re: West Elec Co to be reqd to give special instrc for calibration radio sets to Stevens & Ostroff, these men to go abroad with first shipment.
346039	9:10	NL Copy	

4-3381

TEL PHONES: RADIO

Number.	Date.	From or To—	Subject.
312677	8:27	N L Dist Base	Request that radio building be furnished in connection with installation of radio equip on motor or other small vessels. Fwd. Comm. 9/11 Eagle New London Base- leg radio elec be sent for instruc. 10:24 Fwd Naval Communications 11-4
342929	8:29	Sims Copy 3803	7 tel radio sets received at Queenstown without transmitting tubes or storage batteries. Asks if ship ing. W 1st copy 3601- Re action. 9:18 Fwd 3/15. 5/25 He dry calls for radio telephone sets.
34258	8/29	To Com.	
343176	8:27	Key West	Req instructions in connection with repairs to radio tel on vessels in Key West dist. W
343135	8:29	3rd Dist	Relative to instal tels on light vessels and shore stations. W Fwd. Com. 9/11 received back 9:18.
343122	8/31	Fwd. S&A Lowenstein Co - Reg payment. WK	Suggested that item be carried on books as a loan to Govt. WK To Lowenstein. Suggests they write repts. tel. 6/31 To Lowenstein Radio Co. Best Disposition of phones until experiments are completed 10:16 Lowenstein Radio Co - 10:11
346097	8/30	N L Distr Base	Reports rec'd of 10 special vibration proof detectors for radio tel

T.E.L. RECORDS: RADIO

Number.	Date.	From or To--	Subject.
334607	8:4	Boston	Recommendation in connection with preparatory work to be done by contractor on installation of tel.
	8:4	To Boston	
335697	8:7	Boston	See storage battery and tels to be used on vessel be constructed in Boston districts and delivered to Boston Yard for inspection before being installed.
336306	8:9	West Elec Co	Sample equipment for Mr Craft, request information as to how sets are being shipped.
337306	8:12	D * Cooper	T.E.L. Report conference relative to tel matter.
337321	8:13	West Elec Co	Asks permission Fed Dept Canada on radio set

Number.	Date.	From or To—	Subject.
1007	3/5		
2 341449	8/27	To NL	Auth. prize of 2 comm. r d. tel. sets. W
345937	9:8	7th Naval Dist	Copy rec. authority to instal wireless tel on Sand Key for com with vessel. W
346698	9:8	Boston	Confirms tel conversation rewire of radio tel. W
345677	9/10	To Western Elec. Co.	Attach. blueprint copy of report for their information. W To Inl. Mgrs. & Coms. re imperfect contacts in antennae. 9/12. West Elec Co 9:12
345676	9/10	To NL	Attaches copy of report for their information. W

Number.	Date.	From or To--	Subject.
35316	8/7	Insp Chicago	Reqst officer and necessary clerks be detailed to Western Elec C. in conn w cont for radio tel sets 629
336876	5:12	Sims Copy 2748 Sims-Copy 415 - Rec. Sec. 1 ship of wire in West. Elec. Co. To Sims (T) comments re above, 11-24	Reqst complete list installation material shipped with radio tel also details of batteries and equipment. To-- (1) States that rad. tel. com. l. Sims-Copy 274 States nec wire was not received on radio tel. can ot be obtained there. W 9:11 To Sims (T) wire will be shipped by rad. tel. 9/16 Reqst authority to install radio tel at headquarters section. W
236631	8:10	3rd Dist	Reqst. quotation for radio tel. material To-- Rents. only to let. of 1/14. 8:28 West Elec Co. 8:20 West Elec Co. Rec additional information 8:29 Western Elec. Co. Submits quotation 9:11 Western Elec. Co. Oct. 9 Submits quotation
33688	8/15	To Western Tel. Co. Co.	

V 336376

5:12

Some

Copy 2748

To Sims (T), comments re above, 11-

Rest complete list installation material
shipped with radio tel also details of batteries
and equipment.

20-- (4) states that red. tel. com. l.

Sims Copy 4574 States rec wire was not received
on radio, tpls. can ot be obt in d there. W 9:11

To Sims (M) if wire being stripe 9-30

To Sigs (P) if wire being strike case
Next authority to install radio tel
at headquarters section. W

336631

3:10

3rd Dist

Text. -- High - a right - a state - up

To----- Rents, ready to let, at 1/14. 8/28

West Elec Co B:20

West Elec Co- Rec additional information 8:29

Western Elec Co. Cabinets quotation 9:13

Western Elec. Co. Oct. 9 Submits quotation



2-11-18: 2 DIO

Number.	Date.	From or To—	Subject.
V 330917	7/30	To S&A	Repts. sent. of radio status from S&A to Gibraltar for lead. in Base. W to Gibraltar, Rept if stat. recd. 9-28 to Gibraltar, Rept if radio recd. 11-6
333578	7:31	Phila.	Confirms tel conversation in connection with tel transmitters tubes on hand. L
333840	7:31	Boston	Confirms tel conversation re:st authority to install 1/2 kw Cut'in & combination set on extroll 529 also in connection with storage battery to repair radio tel. "
332700	7:31	New York	Make sug of improving method of radio tel sets.
333055	7:29	New London Base	Reest 5 copies desc. in and instruc. f for operating tel sets be furnished w to N Lond. Rws booklets reqd. 9-28

TELEPHONES: RADIO

Number.	Date.	From or To	Subject.
333528	7:31	Phila	Confirms tel conversation in connection with bulbs for tel radio sets on transports and destroyers.
333544	8:3	Insp'r Seattle	TEL: Request instrac for installing radio phone and wire diagrams with location of station indicated. W
333574	8/5	To NY	TEL: Request of instr. for. I. I. I. I. I.
334028	11/5	To NO	Asks if radio set status rec'd.
334254	8:2	Bermuda	TEL: Request camera ~~and~~ boat be fwd for radio tel sets. W
334933	7:23	European Forces	Sends list of experimental radio tel material deliv'd to Captain Leigh for demonstration in English waters.
334592	8:3	Phila	Messenger sent to New York to obtain radio tel transmitter bulbs for installation on destroyer. W

Number.	Date.	From or To—	Subject.
327901	7/20	To SEA To MT. VERNON (T) States 5 rad. tels. shipped from NY to Boston 8/27. 8/31.	Re ts. shipt. of radio apparatus from NY to Boston for vessels. W. To SEA A.M. to the action to the unit shipt. of radio apparatus. 7/21 SEA—Radio tels for Mt Vernon shipped 8/27 W Re ts. shipt. of radio telephone equipments from NY to Phila. for vessels To SEA Re ts. that they com. with JO NY return shipt. copies of shipt. re ts. listed 5/11 Shipment Order 9:22 received back 10:9 Encl. 11-1
327902	see card 35	SEE CARD 26 To SEA	
328598	7:21	American Detachment	TEL—Resistance wanted for spares. W To Com. Submarine 7/25 Encl. 11-1
329036	6:29	European Forces	Dry batteries for radio tel. arrangements have been made with British Ever Ready Co. to supply and give disposition to be made on. W
V 327904	7/23	To SEA Shipment order back 1:11	Re ts. shipt. of radio apparatus from NY to Norfolk for vessels. W To Norfolk. Re ts. of above mat'l recd. 9-28 Norfolk 10:5 To NY re radio apparatus shipt. 11:14 To Norfolk receipt for shipt. 11:29 Encl. 11-1
330468	7:25	West Elec Co	Encl. copy of letter to Coast Artillery in connection with French radio tel system required by them. 8:5 Sig Corps - 8:5
330469	7/24	West Elec Co	Encl. copy of letter to Coast Artillery in connection with French radio tel system required by them. 8:5 Sig Corps - 8:5
330462	7/31	To C.S. Officer, USA	Encl. correspondence .W

Number.	Date.	From or To—	Subject.
330053	7/22	New London Base	Submits report of first lln by West on Ele Co. on transes listed 1-7-6
330544	7/22	Cruiser Force	No more low power radio transmitters reqd for vessels eqpt with radio tele. 574-771
✓ 330917	7:27	Sims Copy 1863	Regst circular of complete filter system in use in connection with radio tel on motors launches be shipped to Gibraltar. W
331664	7:29	West Elec Co	Radio tel sets, quotes appendices to be added to their inspect books, due to instal of new type batteries. W
331319	7:30	Sims Copy 2027	Regst 5 additional radio tel be shipped to Gibraltar Base W To S&A Re. to shift of radio apparatus from NY to Gibraltar for Rad. Repair Base, 8/2
332100	7:29	West Elec Co.	Sims - Copy 2536 Storage bat required 8:9
3319925	7/31	To S&A	Asks if company will be expected to supply material and equipment necessary for installation of radio tel equip on boats other than the 110 ft type. Re. ts. ship. of tel. equip. from NY to Bermuda for Capt. Cutler. W

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
✓ 325624	7:12	European Forces	Copy - Reqt one tel attachment for radio tel set be shipped to Lavender, London Sims - Copy 3259 - Re-ship of tel spare parts 8:29
✓ 325623	7:12	G E CO	Tel - Tube tel transmitting sets, reqt test of at Norfolk. W To GE (C) Yr. tel. 12 July re: test new tel. transmitter Norfolk. Thurs. 18 July. 7/13
✓ 325622	7:11	Sims COPY 1013	Reqt info as to steps taken to supply Plymouth with radio tel vacuum tubes. W To Sims. (C) Ask on what vessel this was made. Sats. will be shipped. Thurs. 7/16 Sims - Copy 2747 - Re: expedite delivery of vacuum tubes to Plymouth. 8:12 Sims: Copy 3473 Reqt action. 8:22
✓ To Sec 4 Re: info on ship. of vacuum tubes ✓ 325621	7:11	Sims COPY 1011	Reqt info as to amount of radio tel spare parts via Winchester to base 27. To Sec 4 notes c file from Sims for reply. 8/16 Sims - Copy from Sims W 9:9 To Sec 4 re information as to radio tel. spare parts shipped to base 27. 9/14
326261	7:8 7:11	3rd Dist Naval Communication	Reqt two sets of blue prints and instructions covering radio sets. To 3rd. Dist. will fwd. 2 booklets. 7/18 To --- Rd. 2 instruct. booklets. 7/25
325853	7/17 Phila 7:29 New York 8:7 New York 9:4	To Ind. Mgrs., & Coms.	Radio telephone outfit is authorized to be installed in each of the vessels listed. W To Com. 3d Fleet, Hoboken. - 1st copy of 3d Lt. 7/17/18 Radio telephone lists - Eastern Dist Co. Repts info New York - 9:28 four let-629 ters.
35316	7/18	Ind. Mgrs. & Coms.	

TELEPHONES; RADIO

Number.	Date.	From or To—	Subject.	
322339	7:2	Sims Copy 432	Arrangements made with British Ever-ready Company for and mfg of basis for batteries. Sims - COPY 1224 - asks on what destroyers the Dept started instal.. Cross to 917	7:15
323248	6:29 7:2	Coast Def of Lng Isl Sd Naval Dist Base	Reqt bureau's assistance in securing delivery of radio tel equipment from West. Tel Co. To ~~West. Tel Co.~~ Sets will be shipped upon recd. of nec. shipp.instruct. 7/8	
321501	6-12	European Force	Reqs spares for radio telephones chaser base Plymouth be shipped.	787-5
321925 Geo OARD 23	7:9	West. Elec Co.	Fyds copy of descrip on inspec of operating radio tel sets. To ~~Booklet satisf. recom. change~~ of typ. of dry cell. 7/18 Western Elec Co - Fyds copy of descrip of inspec. of tel radio. set. 7:17 West. Elec Co. asks if books rec. W 9:6	
325049	7:16	Sims Copy 956	asks if all new destroyers are being fitted out with radio tel. pray ons to their departure for European waters. W. (C) To Sims. F. IRENE equipped with r. d. tel. in various dep. 7/15 relative to maintaining stock of spare parts of radio telephone at N Lond Dist Base.	
325430	7-3	N Lond Dist Bas		I-Z-6

Number.	Date.	From or To	Subject.
513300	6/14	To Chief (T)	Give instructions for this plan to be done
✓ 513318	/15	To Sims (T)	Copy asks when radio tel. sets were shipped. W 7:8 To Sims. (T) Should re id. Advise you via se. & date on which sets were shipped. 7/16 To Sims. that he reply to Sims gives text of reply. 7/16
294640		SEE CARD 14	Western Elec Co - Fwls diagram on description of proposed interphone system for radio telephone set. " 6-15
✓ 294641	6/19	✓ Western Elec Co.	Availability of interphone sets to be used for telephones, W 6-15 Washington 6:26

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
319367	6:21	Western Electric Co.	Fwds new issue and specification covering installation of radio telephone sets.
719436	6/24	To Sims	Have special base spare part boxes for each 12 radio phone sets Type GA-936. Inform how many boxes and to what bases you desire script name or side-line that phones will be installed on all subchasers and destroyers.
			767-1
TO CARD 54	7/26	of shipmt of radio phone equipmt New York-Radio telephone shipmt Fwd Capt. Cutler via Naven. 12-29 To Bermuda 2/2	New York - 7:9 Radio telegraph phone equipmt 10-15 SAA Oct. 18 To Bermuda- Fwds let from SAA giving status Fwds copy of letter from Long Island reqst information on radio-tel. To Signal Corps. Cannot furnish informat. to Capt. Weeks but will to Signal Corps. 7/6 War Dept. - 7:18
322117	6:27	Western Elec Co.	Encl. copy of sketch showing battery box SE3530. W Western Elec Co. 3:1 1-2-6
320710	6/28	Western Elec. Co.	1st radio compass installed HHTLH.
319367	6/28	To Lond	
325049	7/17	To Sims (T)	

4-3281

TELEPHONES: RADIO. 902

Number.	Date.	From or To—	Subject.
311124	5/24	Naval Communications	Fwds copy of letter from American Steel at Palma De Mallorca reporting installation of radio telegraph and telephone apparatus on Spanish steamer under DeForest patents - W
311820	5/28	Western Elec Co	Fwds specifications covering installation of their C. 936 radio telephone sets. (Cross to 1-Z-6 & 2-Z-6)
312700	5/28	Western Elec Co	In connection with compensation per diem of Mr Craft to go abroad to consult with Admiral Sims Staff - W
313131	5-13	TO 2-11-13	Fwds copy of letter from American Steel at Palma De Mallorca reporting installation of radio telegraph and telephone apparatus on Spanish steamer under DeForest patents - W
313403	5/31	Western Elec Co	Fwds invoice covering experimental material shipped to Capt Lee - W To W Lond - Fwds letter from Western Elec in re material shipped 6-5 received back 6:21
315574	6/11	Dept	Costs of G E wireless telephone and telephone set made by Navy Radio Factory.

TELEPHONES: RADIO

Number.	Date.	From or To--	Subject.
302652	4/30	Western Elec Co	Fwds list of radio telephone sets, etc expected to be delivered to NY Yd By 5/1 for overseas shipment - Y To -- Asks if each of sets forwarded include instruction book. Also asks additional sets 5-22
720	4/27	S&A	West Elec Co - Fwds copy of inspec. books 7:3 Wash Yds request authority to amend contract to call for additional radio telephone receivers 629
303308	5-3	Sims T 7373 IL 7340	Request all available information on radio telephone be fwded for use of French authorities. To N Lon-Rgt info on radio phones-5-7 New London Base sub. information re test on radio forms. 5:20 W To -- Fwds copy CW-924 covering installn of short range radio phone sets on sub chasers and ten copies of instrns for operation of these sets 5-22 To Cdr USNavy forces in France- ditto 5-22 * and 3 sub. submits information on A H Cohen - Request instructions re tests of airplane radio telephone sets. 4/29 A H Cohen test postponed for 30 days 5:8 More Island. 5-17
293998		CARD 14	

TELEPHONES : RADIO

Number.	Date.	From or To—	Subject.
✓ 304941	5/8	Sims	Copy XXXX 7646-IL-7607 Rqst shipment, be made of 15 radio tel. phone sets to Gibraltar. W To S.A. Rqst shipment from NY to Gibraltar radio apparatus 5-11 To S&A, rqst cancellation shipment to Gibraltar, 12-11
✓ 304915	5/6	Western Elec Co	Ask if it is advisable to make up a few hundred additional radio land telephones over capacity rs. W To Western Elec Co- Not advisable-5-11
✓ 305304	5/9	Sims	Copy-7682-IL-7684 Ask when radio phones may be expected. W To S.A. Rqst repl: to Sim's cable in re delivery of radio phones-5-11
307533	5-15	Naval Communication	Fwds report of test with wireless tel. at naval academy. W.
✓ 307108	5-17	To Western Elec. Co	Rqsts delivery of radio telephone sets, W Western Elec Co gives delay made to date. 6/7 Western Elec Co 6/12
298574	5-10	See Card 13	To Phila-Radio sets for destroyers 75-344

TELEPHONES: RADIO.

19

Number.	Date.	From or To—	Subject.	
✓ 292660	3/26	To Lt. Eaton	Fwds copy of instrn booklet for type CW 924 Western Elec Radio telephones. W	
✓ 293457	3-28	Western Elec Co	Fwds memo showing conclusions arrived at at the recent conference on telephones for subchasers. W To—Comments on. 4/2	
✓ 292646	3/28	To New Land	Radio telephone sets on chasers, tenders and other vessels. Auth to purchase necessary material from Western Elec Co. W	
✓ 293998	3-22	M Is	Wireless telephone developed by A.H.Cohn forwards photographs. W	
Card 15	A.H.Cohn 4-11	To M. Is. — Directs make further tests. 4/5	To A. H. Cohn — Ask if will submit improved model for test. 4/5	
✓ 294640	4/2	Western Elec Co	Radio telephone sets for chasers fwds prints and description of interphone system. W	
	4/2	Western Elec Co—Bu's understanding correct. 4/11	To—Comments on. 4/5	CARD 17
✓ 35316	4-2	Western Elec Co	Radio telephone sets—asks if they are to install 250 sets at New London will fwd specifications and prices in a few days	629
295033	4/5	To S&A	Reqt shipt of telephones etc., from NY to MELVILLE. W NY 4-17	

TELEPHONES: RADIO 902

Number.	Date.	From or To—	Subject.
X 295034	4/5	To S&A	Reqt shipt of radio telephones, etc from NY to Gibraltar. W NY 4-17 New York Oct. 11
295116	4/5	To Pug Sd	Specms for telephones and telephone cords. Fwis. W
✓ 296111	4-15	Sims copy 6570 IL8511	States one storage battery charging panel is required for each radio telephone set. W
297370	4/13	To S&A	Reqt shipt of radio telephones, etc., from NY to Queenstown, Ireland. W 876
299694	4-18	N Orl	Submits bill of lading covering shipment of radio head telephones, ships. W
301969	4/23	Co	Request authority to turn in Western Elec radio telephone sets - submits results of test on - W 130-6
✓ 302250	4-27	Sperry Co	Seaplane radio telephone set furnished from Western Elec Co for test has been returned. W

TELEPHONES: RADIO.

Number.	Date.	From or To—	Subject.
286426	3/5	Sims	4709 - states British Admiralty satisfied with efficiency of American radio telephone - request 4 sets be shipped at once - W
286426	3/9	To Ask if telephones will be used on gas driven boats.	
286426	3/12	To Western Elec Co— 4956 & 3634	Sims-copy-states telephone not to be used on gas driven boats-request latest information. 3/10
287119	3/7	To Western Elec Co	Reqn for 50 interplane radio tele sets. Instrns re what accessories for a hanna should consist of. W
287119	4/2	To Western Elec Co	Western Elec Co-Confirms conversation between Lieut Comdr Le Claire and Major Craft. W 3-25
287360	3/8	To Sims T	Ask if 50 radio telephone sets ordered from British Admiralty to be used on gas engine driven boats. W
287882	2/15	European Force	Submits report on radio telephones installed on British ships-statement re: to work done-suggestions for new equipment.
287882	3/25	Western Elec Co-returns report.	To—(T) Gives action being taken re purchase of telephone material. 3/11
287882	3/11	To Western Elec Co—	Fwds copy of above report. 3/11
288055	3/11	To 3rd Dist	Enrollment of Chief Electricians for radio telephone work. Reqt inform re number of, now being instructed. W
288056	3-11	Wash.	Ed dis--3/15
288056	3-11	Wash.	Fwds. photo of type SCR 60 wave meter for use in tuning radio telephone sets. Directs 8934.
288073	3/12	To Sub Base New Lond	Radio telephone sets for stock. Directs advise Bu when have enough. W

TELEPHONES; RADIO. 902

Number.	Date.	From or To--	Subject.
288074	3/12	To Dept To Phila. Rvds. one va. type of dr. and proposed location of storage battery I. chas. - C-16	Destroyers. Installation of radio telephone sets Reqd auth for installati n. W--RB--3/16 To C&R 3-26. RB 4-2 See Card 15 To C&R 4/19 Phila-5/7 Philadelphia 5:10 Copy of letter to Navigation relative to training electricians for radio telephone work. W.
289598	3-14	New Lond.	707.
290196	3/18	To Sub Base, New Lond	T Bu has arranged supply three sets radio telephone apparatus to New Lond for Instrn purposes. W
290501	3/19	To Chasn New Lond Dist (T) request 1000 forms 8-9 - 4/17 Western Elec Co 5/9.	Radio telephone sets installed on chasers. Directs Keel Bu informed in connection with. To Sub Base, New Lond-Ditto. 3/19 Chasn - W 3-26 To H.W. Wallace-Directs fwd card for each chaser equipped with radio telephones. 4/3 Chasn-18
		To S&A--Reqd shipt of telephones etc from NY to Brest. 4/5 S & A Oct. 11	To S&A--Reqd shipt of radio teleph nes from NY to Brest. 3/22 To S&A--Reqd shipt of charging panels from NY to Brest. 3/27 To Sims--(T) Shipt will go fwd in April. 4/1
292062	3/25	To Western Elec Co	Acknowledges receipt of pamphlets of telephone set in submarine chasers. Reqd list of vessels to which pamphlet has been furnished. W

TELEPHONES; RADIO.

1918

Number.	Date.	From or To--	Subject.
✓ 277562	2/6	To Western Elec Co	Fwds report from Capt Leigh re design of future radio telephones for use on chasers, destroyers, etc. Detailed comments on. Reqt comment on.W To Sims--2/6 Western Elec Co 2/9 To--Plans and designs satis to Bu.2/14
✓ 279704	2-4	Western Elec Co	Vacuum tubes, S type, for use on chaser radio telephone sets; understands no further use; asks if not possible to cancel order.W To--No needed at once.2/18
280030	2/8	To New Lond T	Ask desired range in miles radio telephone sets for subchasers. W ✓ To Western Elec Co--Instrns re designing wireless telephone sets.2/9 To Sims--(T)2/9 N Lond Exp Sta-R-are sending at one mile range.2/9
280475	2/11	To General Elec Co	Submarine chaser telephone sets to be installed at Chasn. Tug will leave New Lond for Chasn Feb 20 which could carry apparatus. Reqt drawings for wiring be completed at once. W Western Elec Co-2/20
✓ 281031	2/12	Memo for Lt. Fawell	Radio apparatus that will require ~~operators~~ of special training in actual use of apparatus. Describes apparatus. W

TIME HOLDER: RADIO. 962

Number.	Date.	From or To--	Subject.	
✓ 281360	2/14	To Western Elec Co	Directs send necessary men and material to Chasn in time to equip 14 chasers with radio telephone sets by March 1st. W	
			To Chasn--Directs have radio electricians become acquainted with working of sets. 2/19	
			Western Elec Co--2/220	
✓ 281691	2/16	To Western Elec Co	Reqt bring inter-plane radio telephone set and 100 mile airplane radio telephone trans to Hampt Rds for tests. W	
		Western Elec Co--Formes at Norf en- gaged in testing work--no complete report received. 2-27		
282546	2-7	N Lond. Exp. Sta.	Requests authority to employ Western Elec. Co. or any other company from time to time to install wire etc for radio telephones on chasers. W	1-2-5
✓ 282760	2/20	To Western Elec Co	Use of GE transmitting tubes in place of Tyre E tubes satis for chaser telephone sets. W	
			Western Elec Co - 2-2-5	
284411	2-23	Navigation	Radio telephones - request list of vessels to which they have been assigned. W	
			To--Comments on. 3/1	
284916	2-26	Belmar.	Special report on advantages of high pitch telephone receivers; comparrison between Brown & Baldwin types.	898.
✓ 285452	3/2	To Western Elec Co	Test of 100 mile telephone sets. Comments on. Reqt insert some chopper in set and test for distance. W	

TELEPHONES: RADIO.

Number.	Date.	From or To—	Subject.
✓ 261368	11/17	To P.L. Nelson (Western Elec Co)	Orders for reporting to Capt Leigh on DELAWARE. Directs bring telephone sets from New London. W Sims - Copy 2961 - Nelson as lt. in West. Elec Co. Sims - Copy 2961 - Nelson as lt. in West. Elec Co. from Apr 1, 1917 Navigation 8/17 - Fwd copy of Sims dispatches in connection with arrival of B H Nelson as lieut.
FWA, BU NAV. 8/25 Sims - Copy 2961 Request author to enroll E L Nelson as lt. W			
261975	11/17	To Dept	Reqt C.F. Scott, Gen E lec Co be ordered to East and report to Capt Leigh for duty on DELAWARE. W To [3] Ditto for Nelson, Scott and Eveleith. 11/17
✓ 262880	11/24c	To Western Elec Co	Ask if will undertake manuf of 100 short range wireless telephone sets. W
✓ 263155	11/27	To Western Elec Co	Short range wireless telephone sets. Reqt general description, etc. W Western Elec Co--Fwds specms describing short range radio telephone set. W To 1/17
264143	11-28	Ordnance	Asks if Bureau can furnish wireless tele- phone set capable of communication between Indian Head and Machodoc Creek wire. Ord- nance intends establish and auxiliary nav proving ground.
264314	11/23	1st nav dis	Utter Cliffs radio station-fwds daily log of intercepted messages. W

4-3351

TELEPHONES: RADIO.

Number.	Date.	From or To—	Subject.	
✓ 229738	5-15 5-21	US Attorney Marshall Distric Supt. Bost.	Rel to experiment of wireless portable telephone developed by Thomas Capperalla & Francis Discovers Finance Corp. W	
To NY	8/31		To NY—Directs make inquiries in connection with 5/25 1st Nav Dist fws additional correspondence 5/29 NY asks if matter should be closed 8/22	
26127	5-25	Wash	Sample radio head telephone submitted by John Firth: reports on test; rec against use of interlocking device.	629
✓ 235746	6/26	Marine Barracks, Phila	Request information of GE's pilotron trans- mitting sets. W Fwd Marine Corps—6/29 RB 7/14 Fwd Major Gen Comit—7/16	
✓ 237764	none	Western Elec Co	Radio telegraph and telephone sets for Navy; fws prints and specifications. W	
243551	8/8	Nav Intel	Fws translation of French report on wireless telephone experiments in Paris. W Fwd Nav Intell—9/5 RB 10/17	
✓ 245520	8/22	De Forest Co	Radiorhore or ship warning radio telephones for lighthouses; fws photographs of one now installed at Point Judith. W (Cross) To—Submission of bill satis. 8/24 De Forest Co request contract, number covering; gives amount 8/25 To—9/6	
✓ 250898	9/13	M Is	Radio telephone invented by E. C. Hanson; reports on test of. W (Cross to name) To M. Is.—Auth furnish GE Hanson copy of test. 9/26	
		E. C. Hanson - fws suggestions using his method of intercepting messages - (?) W		

TELEPHONES: RADIO. 902

Number.	Date.	From or To—	Subject.
252216	10/1	To A.H.Cohen	Radio telephone. Reqt fwd copies of wiring diagrams and general description of the principles. W
		To M.Is. will test. 10/27	
		Cohen states can ship material ~~any time~~ after 20th inst 11/6	
252376	9/26	Robt H Cohen	Cohen 10/12 To M.Is. Directs test apparatus. 10/29 Radio telephone sets—states is in position to furnish and gives data on certain classes which he has developed. W
252522	10/1	National Research Council	Fwd's letter from Ralph H. Reynolds, Sept 26th, suggesting supplying splitting message between two receivers, one for dots and one for dashes, to prevent interference and promote accuracy. W
253367	10/8	To S&A	Reqt shipt of head telephones from Wash to Sub Base, New Lond. W
256895	10/26	To Capt Smith	Detailed comments re using phonograph for wireless telephone communication, and possibility of towing three antennas from a moving vessel, submitted by Mr. L. B. Sweet. W
260946	11/15	To Western Elec Co	100 radio telephone sets for install of chasers.
		Deliveries specified satis. 11/28	Reqt fwd full specs for, also list of spare parts. W
			Co relative to order for 100 head telephones for Chasers 11/22
261864	11/9	H.G. Cordes	Fwd's description of new type of elec oscillator which performs basis new type radio telephone. W
	11/15	Pug Sd	Fwd New Lond. 11/28 RB 1-22 Fwd Pug Sd. 11/24

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
✓ 203771	10-25	Henry, HS & Con	Request information for Brazilian Navy. To—Gives info re test of wireless tele for short ranges. 10/30
204925	11/9	To WYOMING PENNA WASH Atl Flt NY	Instructions re installation of experimental radio telegraph telephone outfits from Western Elec Co. W To Western Elec Co—Reqs to furnish with each set an instruction and install booklet. 11/9 Western Elec Co quotes price 11-11 To Western Elec Co—Cannot purchase as elaborate apparatus as quoted on. Reqt description with bid. 11/14
✓ 205549	11/25	To Western Elec Co.	Reqt long range receiving set shipt to their laboratory NY last May be returned to Wash if not needed further. W Western Elec Co request authority to keep set until middle of Dec 12/1 To—Auth to retain. 12/4 Western Elec Co states long range receiving set loaned was returned few days ago 12/4
207941	12/8	To Dept	Reqt auth Western Elec Co representatives experiment in Fleet in Southern waters with radio telephones without interfering with radio telegraph. WR3 12-14 Atl Flt copy of letter to WYOMING to arrange for Western Elec Co's representative 12/30
208563	12-13	Western Elec Co.	Request official request for bid on recn 12: and confirms proposition made on recent visit of company to Bureau. To—Gives dates ship will be available for installation of equipment. 12/19 To Atl Flt—Fwds corres for guidance. 12/19 12-26

TELEPHONES: RADIO. 902

Number.	Date.	From or To—	Subject.
208702	12-14	Western Elec Co.	Are making up modified type radio tel app; ready in 3-4 months. Reqt return of original set. To—Original sets were reqt returned some time ago. 12/19
209553	12-23	WYOMING T	Request authority to construct 5x5 house for Western elec telephone.W. C&R copy of instructions to NY 12/26 WYO (T) reqt action 12-27
212346	1-22	Western Elec Co	Request Mr. Stantor to be in charge wireless telephone tests be permitted to go on board ship at Guantanamo. To PERNA—(T) NN Slaughter, Western Elec Co. Arrives Guantanamo Jan 27th to go on board. 1/24 To—Advises action taken. 1/25 To PERNA—(T) Reqt return of Mr. Slaughter at once to company. 2/7 ~~URGENT-C~~ PERNA (T) Mr Slaughter leaves tonight Feb 7th 2/7
213959	1-18	Eitaro Yokoyama	Request test of U.K radio tel phone at NY To—Gives conditions of test. 2/14 Yokoyama will assemble complete and send to Wash for test radio station 2/17
214615	2/13	To Western Elec Co	Ask when Navy Type. long range receiving set sent to Laboratory last May, will be returned to Wash. W. Co R ports returning set to Wash Yd 10 days ago 2.21

TELEPHONES: RAIN O

1916

Number.	Date.	From or To—	Subject.
187684	5-11	Great Lakes	Radio phones; request descriptive matter of those being tested. W To—Bu has no descriptive matter on. 5/17
187955	5-8	Wightman & Crane	Asks best type of radio telephone for communicating between 2 islands 75 miles apart. W To (sec. sig) 5/27 Fwd Dept 5/27
188207	5-16	Operations	Copy of instructions to Phila for testing radiotelephone. W
188257	5-17	Dept	Telephones; directs no radio telephones apparatus be installed in Atlantic Fleet until type is developed that can be used simultaneously with radio telegraph without interference. W
190840	6-15	To Atl Flt.	Short range radio sets; have reqtd authority of Dept to have engineers of Western Elec Co to install and conduct of radio apparatus on ARKANSAS & FLORIDA. W To Dept--Reqtd authority for above! 6/15 RB 6/22 To Dept--States ships will have to steam in certain circles in making tests. 6/20 At Flt copy of instructions 6-21 Operations copy of instructions no date At Flt copy of to board to test 6-27

902 TELEPHONES; RADIO:

Number.	Date.	From or To—	Subject.	
191063	6-17	To Western Elec Co.	Bu has requested that C-in-C be authorized to arrange for tests of apprature on FLORIDA & ARKANSAS. W To—Cin-C has arranged for board of officers to cooperate with. 6/27	
I				
193156	7-8	At Flt	Reports on test of short range sets ARK and FLORIDA. W	
193277	7/6	At Com Sys	Saville: reports experiments with new receiving apparatus consisting telephone relay and Edison phonograph	855
193303	6-30	American T&T Co	Fwds copies of telephone Review containing report of recent telephone test.W	
✓ 195115	7-31	To S&A.	Reqt shipment apparatus from FLORIDA to Western Elec Co. W To Western Elec Co— Have reqtd shipment of telephone sets to Co. 8/1 To S&A— Reqt shipment from ARKANSAS to Western Co. 8/1 ARKANSAS (R) asks what shipment order covers 8/8 To ARKANSAS— See 176861-902. 8/4	
196138	SNC CARD 27			
✓ 195666	7/25	Atl Flt	Report of Board on test of short range radio sets using telephone sets as telegraph sets.W	

TELEPHONES: RADIO

Number.	Date.	From or To—	Subject.
179097	2-8	Hanson, A.	request data on wireless telephone. To--Take up with manufacturers. 2/15
180251	2-16 2-25	Porta Dpt	Reports overhearing radio telephone test. Fwd Rad Ser-- 3/4
180684	12/7 1/19 3/3	Supt Radio Gen Board Dept	Use of radio telephony in Naval service: de- tailed recommendations. Fwd Rad Ser--Comments on. 3/25
181886 VOID	1-17 3-8	Phila Testing Plant S&A	Re t oil burning galley range and accessories; S&A states not a proper charge against their appropriations.
183378	929-15	Western Elec Co	Bulletin giving results of long distance telephone tests.
184704	4/17	To G E Co To Western Elec Co	Given outline of conclusions arrived at to use of radio telephone from operation of apparatus installed in the Fleet 898
185391	4-19	At Flt R	Phones Western Elec and GE; reports on; have worked satisfactory but recommend against installation on vessels; recommends buyers. W Fwd Dept Via Rad Ser--Concurs in. 8/8

TELEPHONES: RADIO. 902

Number.	Date.	From or To--	Subject.
185974	4-26	Operations	Copy of instructions to Norf and BS relative to test of American Tel & Tel Co long distance telephone. W
186071	4-26	NEW HAMPSHIRE	Will be at Hampton Roads Apr 28 to receive Roads to receive wireless telephone and Company's representative. W CO will be at Hampton Roads Apr 28 to receive representative 4-26
186189	4-28	Dept	Telephone tests; lists schedule for Arlington. W
186619	4/27	G E Co To GE Co--Quotes report of Atl Flt on. 5/10	Radio telephones; reqt specific information relative to trouble developed in instruments furnished by G E Co. W To Comments on. 5/4 To Atl Flt--Reqt report on GE type radio tele sets now in service. 5/4 At Flt reports of 5-5
186605	5/2	Dept	Demonstration of telephonic and telegraphic communication between Navy Dept, Navy Yards and Stations, to be held May 6, 7 and 8. K
186830	5-5	Dept	Pass required for employees during telephone tests; directs carbon copies in lieu of originals of lettes be furnished. K
186965	5-6	Dept	Telephone tests; mobilization order issued by the American T&T Co. K
187667	5-11	GE	Radio telephone; request return of telephone material from WYO and VA. W To--Have directed return of telephone 5/16 To S&A--(2) Reqst shipment from WYO & VA to Ge Co. 5/16 WYOMING duplicat on in transmitters listed 6-1

RB-- from S&A--transferred from VA to NEW JERSEY and thence to NEW YORK with 3rd Div flag 6, 7 Fwd S&A--6/8 RB 7/5

TELEPHONES: RADIO.

Number.	Date.	From or To--	Subject.
✓ 174494	12/21	Dept	Fwds newspaper clipping reporting operator has in his possession wireless telephone from R-4; reot be investigated. Fwd Hawaii for compliance. 12/24 RB--consists of portion of battered head piece reclaimed from dump--1/24 Fwd Dept-- 1/25
174798	12/22	Western Elec Co	Telephones; reports shipment of 35 3-member vacuum tube devices to Washington; also reports shipment of 25 to Atl Flt for use during test. W
		To Yash--Reot report on test of vacuum tube bulbs. 12/27	To--Have reotd permission to have representative to witness tests. 12/27
174702	12/22	Western Elec Co	Relative to furnishing ten small telephone sets to Navy. W
174703	none	none	Tele hones; test of on fleet; suggestions for installation and test. W
✓ 174756	12/18	Pug Sd (Expert Radio Aide R. H. Marriott)	Reot authority to publish statement of in Elec Review and Western Electrician that recent telephone tests were most important development in radio during past year. W Fwd Pug Sd. Not considered advisable to publish. 12/28
✓ 174799	12-27	To Dept.	Reot permission for Western Electric Co representative to take passage on Atlantic Fleet in connection with experiments with radio telephone sets. W Rb Appld. 12/29 To Atl Flt--Fwds copy corres on. 12/30 To Western Elec Co--Permission granted to take passage with Fleet. 12/30
174927	12/23	Atl Flt (Personal)	Reports on status of testing wireless telephones. Western Elec and Gen Elec Co; reports on work necessary to install, etc. W

902 TELEPHONES: RADIO:

Number	Date	From or To	Subject
174956	12-30	To Yards-Ships.	Radio telephone sets for ships; approx expenditure of \$50 for installing sample sets on ships. W
175245	12-31	Western Elec Co	Reports sending 26 tubes for telephone test on WYOMING. W Fwd Atl Flt-- 1/3 RB 1/7 To--Have notified C-inC. Atl Flt. 1/3
175744	1-5	Western Elec Co.	Returns constants used in connection with telephone trials. W
175824	12-24	Western Elec Co.	Recd instructions relative to furnishing R.R. Marriott photos of antennae used at Pearl Harbor telephone tests. W
176485	1-14	Western Elec Co	Reports shipment of 20 small vacuum tube to radio laboratory Wason for test in connection with telephone test. W Fwd Wason-- 1/21 To--Will make test of. 1/21
176851	1-17	Western Elec Co	Reports on progress experimental wireless telephone set: 10 mile size. W To--NY will take up with Co. 1/24 To--NY--Fwd copy above; have recd shipment of apparatus to ships. 1/24 To Atl Flt--Fwd copy above. 1/24 To SEA--Recd for shipment. 1/24 To Dept--Rec R.A. Hering be permitted to take passage with fleet. 1/25 RB 1/28 To--Dept auth visit Hering. 1/25 To Atl Flt--Fwd copy above. 1/25 Fwd Atl Flt-- 1/29 RB 2/23 To Dept--Recd Hering and Slaughter be auth to passage with fleet. 2/7 Dept grants permission 2-9 To--Atl Flt auth to allow passage. 2/11

1915

TELEPHONES: RADIO.

Number.	Date.	From or To—	Subject.	
✓167058	9/30	Amer T & T Co T	Transcontinental telephone message; extends thanks to Bureau for aid. C To--(T) Ack with thanks; extends congratulations. 10/1 To--Lt-- Fwds copy above/ 10/1 To--Ack receipt of. 10/2 To--Lieut Hooper ack receipt of tele. 10/2	
167661	10-7	Grenshaw T	Recd authority to keep Western Elec experimental receiving set. W To--(R) May be retained. 10/8	
168247	10-13	Goldhorn, Dr. L.	Reports overhearing telephone experiments. W To -- ack 10-16	
168725	10-1	M. Is	Submits report on transcontinental telephone communication; American T&T Co. W Fwd Operations 10/21	
169210	10/19	Guantanamo	Reports overhearing telephone conversation. W	
169508	10-23	Naval Attache Paris	Report on telephone tests with Eiffel tower. W	
✓169565	10-20	Western Elec Co	Telephone test Arlington; fws photos.	
169797	10/27	NY	Specns 16RL; head gear for radio receivers; asks if any change desired	898

TELEPHONES: RADIO 902

Number.	Date.	From or To—	Subject.
V 170038	10-22	Darien	Western elec receiving set used with long distance telephone experiments; fwds description of; states far superior to any receiving set at station and request be allowed to retain for permanent use.W
V 170833	11-9	GE Co.	Reqt that Bureau test out 2 small radio telephone sets; on BS; also reqt investigation of magnetic amplifier for high frequency current.W Fwd Atl Flt--12/25 RB 12/26 To--will be pleased to make test of 11/11 To--will test on WYOMING. 12/3 To Atl Flt--Instructions re test. 12/3 To NY--GE will delivery sets for test. 12/3
		To NY--(R) Have GE delivered set to Yd for est Atl Flt. 12/17 NY (R) telephone sets not received from GE 12/18 To NY--(R) received WYOMING 12/21 11th. 12/20 Sets shipped to NY on	
V 171063	11-6	Hamilton, J.S.	Suggests so of copper shields around sending apparatus so that waves will travel in only one direction.W To--States idea has not been used in radio sets of recent design. 11/13
V 173007	12-4	To Western Elec Co.	Re test of sample radio telephone outfits on board ships; inform Bu as to date of delivery in order to issue instructions regarding assignments. 12/4 To Atl Flt--(R) Take up with Western Co re installation of sets 12/10
173423	11-27	Nav Intel	Radio telephone tests: Confidential report from Naval Attache Paris, relative to operation of Western Elec Co. abroad and endeavors of British Adm. to secure information from; also reports DeForest is claiming tests made with DeForest apparatus and that he is special representative of the Navy Department. W Fwd Rad Ser--12/13
174091	12-15	At Flt (Personal)	Relative to test of GE Co and Western Elec Co telephones.W

TELEPHONES: RADIO 902

Number.	Date.	From or To--	Subject.	
✓ 133929	8-31	Palla	Dwds copy of a report made in November 1918 re J. J. P. L. C. communication between station at Tuckerton, N.J. and Naustadt, Germany. W. Fwd. Supt. Radio 9-9	
✓ 136290	10-7	Wireless Spec. Co.	Gage wireless telephone: asks if Bu tested and if satis- To-- Must obtain consent of proprietors to Chandler & Gage-- Fwds copy of pro- posed letter to Wireless Co. 10/19	10/19
✓ 136900	10-8 10-13	Engle, R.A. Dept	Calls attention to his new system of radio telephones. W. To-- Comments. 10/15	
138661	10-30	Nav Intel	Marconi Wireless telephone: Dwds report on. W	
138732	10-30	Nav Intel	ditto	
142867	12-16	M. Is	Dwyer wireless telephone: reports on test of. W. To Hon J. Kahn-- Fwds copy report of. 2/23	
✓ 147343	11-15 12-30	Harrison, W.H. Dept	Dwds copy of patent: states if Goyn is infringing same will bring suit. W. Dwd Dept. re apparatus in Navy which infringes the patent. 1/2	
✓ 150083	3-16	Nottinger, B.T.	Asks if any on market. W TO -- gives names 3-23	
✓ 154386	5-7	Kahn, Hon J Dept	Rept arret be made to test Dwyer wireless telephones. W. To-- (Secy's sig) W. Is will be instructed to make necessary arrangement for 5/11 To M. Is-- Fwds copy of correa. 5/20 to make necessary arrangement for 5/11 Dept auth M. Is be instructed 5-14 To M. Is-- Re test of. 5/15	

TELEPHONES: RADIO

1913

Number.	Date.	From or To—	Subject.
✓ 110983	11-21	Chandler, & Gage	Gage telephone set; test at NY: reqt. inform. W To—question submitted to Dept. 11/22
✓ 111108	11-15	M. Is 11913	National Wireless T&T Co. Test of: reports on: can carry on communication 100 miles. W
		1914	
✓ 114458	1-8	Dept	Fwd temporary booklet on Fratelli-Marzi radio telephone. W Ret—1/12.
✓ 118129	2-19	Gage, E.G.	Gage wireless telephone sets: reqt Dept allow test NY Id and Conn. W Fwd NY. a. approves tests. 2/21.
✓ 125180	5/12	Marconi Co.	Calls attention to tests of wireless telephone apparatus. W TO interested: for Secy Signature 5-20
125892	5/23	Dwyer W.T. & T. Co.	Request test of their wireless telephone. W Fwd Dept—recommended 5/28 BB & I. appd Fwd M. I.—6/11, 7 20
126065	5/26 6/29	Judge Marion DeFries Dept.	Dwyer Wireless Telegraph Co. requests Navy grant permission to hold test. W
✓ 127554	6/13 6/16	Marconi Wireless Co. Dept.	Wireless telephone sets: British Co. will ship one or two complete sets for demon- stration by navy. W Fwd Dept. 6/17

TELEPHONES: RADIO

1913

Number.	Date.	From or To—	Subject.	
✓ 86510	12-30 1-2	Gage, E.G. NY 855-2	Rept. authority to have tested at NY. W. To NY. appd. 1/4.	
88192	1-20	NY 855-2	E.B. Myers reports will have telephones ready for test shortly. W.	
✓ 88560	1-17	12th Nav. District	Fwds clipping from Los Angeles Daily Tribune understands arrangement made for test at Arlington. W.	
94556	4-8	NY 855-2-8	E.B. Myers: states does not desire to have New York Id. make test: yard reports that inventor evidently endeavoring to obtain endorsement without submitting any instru- ment. W.	
95596	4/22	S&A	ARLINGTON: fwds bill covering adjustable telephone head set issued to Mr. Clark in connection with tests.	841
✓ 97327	5-14	Firth, John	Sample sent will be ready for test 2 weeks. W	
✓ 98137	5-10 5-24	McLaren, W.W. Dept 26840-1807	Fwds sketch and description of patent telephone transmitter for use on radio telephones. W To---(For Secy's sig.) 5/27.	
✓ 98209	5-22	Fall, L.M.	Have perfected system of carrying 20 miles; Joint patent of Fall, Hannon and Twining. W To---willing to test. 5/27.	

TELEPHONES: RADIO: 902

Number.	Date.	From or To—	Subject.
✓ 98316	5-23 5-28	Dept. Justice 159913-40 Dept 11561-23-1	Radio Telephone Co. telephones; reqt. all information available for use in connection with Govt. suit against J.D. Smith, et.al. for fraudulent use of mails in selling stock. W To Dept. Papers were fwd to Dept. by 58142-902 Jan 10, 1912. 5/29. Fwd Dept via Ord. 5/29.
99827	6-13	M. Is 6583	Recommends National Wireless Tel & Tel Co. be allowed to install wireless telephones M. Is., Pt. Arguello, and on a cruiser for test. W. To --- approved. 6/19. M. Is. Company has installed telephone line; will report later. 7-24
✓ 101961	7-11	Young, J.B.	Submits terms for Government to purchase option in company. W Fwd Dept. together with letter for Secy's sig. 7/22 To M. Is. Asks if Natl W. Tel & Tel Co. has installed sets at M. Is. and Pt. Arguello for tests. 7/22 M. Is. 9/29 contemplating installing another phone at Point Arguello. W
✓ 102954	7/30 8/5	J. B. Young Dept.	Further relative to his wireless telephone. W To Young (For Secy's sig) 8/5 Fwd Dept. 8/5
105726	10-23	NY 855-2-12	Case radio telephone apparatus; reports on test of. W. Fwd Dept via Supt Radio. for consideration. 11/1 R.B. with Gen. Boards comment 11/25
J 109006	10-28	De Bries, N.	Reqd. permission for Wireless Tel & Tel Co. to test radio telephones at M. Is. W To --- willing to test. 10/31.
108726		SEE ABOVE	Ret Dept. 11/29. To NY. fwsd copy corres. requirements for future tests. 12/15. [over] M. Is. same. 12/15.

TELEPHONES, wireless

2

Number.	Date.	From or To—	Subject.	
52894	11/7	To Wash	Pickard adjustable telephone receivers, to be charged to Iard. have been delivered to Bu. Standards.	840
			1912	
58142	12/27	Dept. Justice 159913-1	Reqt. all data on Bureau Equip. Files in connection with Radio Tele. Co. wireless telephone installed on BS in connection with suit of PO Dept. W Ret Dept. via S&A. Forwards all papers. 1/10.	
✓ 62172	?	S&A	Edws compilation of purchases of Radio Telephone Co. Wireless. W	
62660	3/4	Nat. Elec. Sig.	APPARATUS: can supply telephones operating 12 miles	876
64441	3-14	M. Is 293	Reports on test of wireless telephone apparatus National Wireless Telephone and Telegraph Co. Satisfactory. W (W) to --- if satisfactory test can be made on NERO this summer. 4/2.	
✓ 65120	4/1	To IOWA	Radio telephone apparatus on board VERMONT. Asks if desires for experimental purposes. W	
✓ 65357	4-3	IOWA	Aboard VERMONT: reqt. for experimental purposes. W --- Norc. S&A. Recd. shipment radio telephone set to Phila. 4/5.	

TELEPHONES: WIRELESS: 902

Number.	Date.	From or To—	Subject.	
✓ 63917	4-10	M. Is	Impossible to carry on telephone tests on HERO with present gen. sets. W	
✓ 68025	4-24	National Wireless Tel & Tel Co	Reqt. test of their wireless telephones. W To N. Winants. Bu has under consideration matter of testing. 6/11.	
69118	5-17	Nav Intel	Fwds articles on new Radio telephones invented by 2 Italian Army Officers. W	
69180	5-11	Nat. W. Tel & Tel Co	Urges placing of telephones on ships; recommends they be required by law; cites Titanic disaster to show need of. W	
74982	8/2	Clapp-Eastham Co.	Refuse to definitely commit themselves as to adaptability for wireless telephones	898
✓ 82333	11-6	No. Amer. Selling Co	Myers system; reqt. Bureau investigate their plant in upper New York for obtaining practical results with SS. W To --- & NY. directs NY investigate and report. 11/12.	
82631	11/7	Wireless Spec. Co.	Reports stock of Leyden Jars and Pickard adjustable telephones ready for delivery. N.Y. reports on stock on hand	876
✓ 83533	11-19 11-23	Myers, E.B. NY 855-83	Reports re a/s set; disclaims authority to North American Tel. Co. to act as agent. W Ret NY instructions. 11/27.	

TELEPHONES: WIRELESS

FILE No.	From or To— (Dated)	Subject.	
28276 1/3	Julius Kahn, Hon.	Requests that permission to granted to operators on West coast to report receipt and non-receipt of telephone messages sent by them	
32034 2/20	Brook	Cont. 14509: head gear: recommends insp'n after delivery at N.Y.	529
32588 2/23	M. Is.	POINT ARGUELLO: reqt auth. to cont. for line	829
35786 4/1	War Dept	UNALASKA &c. gives cost at that furnished.	545
36307 4/14	Navgn	Fwds report from Wireless operator steamship Princess Victoria of catching wireless telephone messages, etc. W Fwd Puget. for information. 4/27. RB 5-25	
37224 4/27	TO S&A	Asks if wireless telephone receiver on board MINNESOTA can be transferred to Washn. Id. for experiments without charge. W	
38310 5/9	S&A 115311	Telephone receiver on MINNESOTA can be transferred to Washn. for experimental purposes without charge. W Fwd MINNESOTA: Directs be prepared for shipment. 5/11. from ship to Washn. Id. for test for experimental purposes. 5/31. RB 8-31	
44263 7/22	TO M. Is	Poulson: directs purchase of 2 sets for testing purposes. W	
47001 8/20	C.O.	PATAFSCO: reqt spare set head phones for:	334--6
52529 11/2	To M. Is.	Directs test of National Wireless Telephone Co's telephone.	



TESTS RADIO

1922

Number.	Date.	From or To—	Subject.
652609		FROM CARD 68	Mine Sqd. 1- report on test. 9/8 W
641487	9/14	5th Dist. Copy	F-5 plane 3874 arrived at Ham. Rds.-radio test very satisf. W.
646336	10/20	Subm Div. 14 (T)	Report heading Camp Alfred Vail, and eastern amateurs- suggest Anacostia use 210 meters. Multiple tube antenna. To Div 14 (T) Anacostia will transmit meters cc Air Comm- cc Anacostia 10/23

TESTS: RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 648423	11/7	To Comits MI Aug 5nd Stations & H Guam cavity	Receiving tests at Washington- fwwds plan 1/21 submits comments W Fwds Washm 2/2/23
648852	11/9	W Bruce	Ask if apparatus brought to Washington will to W B. Bruce & reference to telegraph will be pleased to investigate any new development you bring. Apparatus should be taken to Anacostia 11/9 W W Bruce Jr. 2/5 Posts action W W B Bruce 2/16 Appreciates Bureau's cooperation W To W B Bruce - Gives Action taken comments on relay 2/15/23 To W B Bruce - Gives paragraph to be substituted for paragraph 2 of Bureau's letter of 15 Feb. W 2/27/23
652733	11/23	Sub Div 14	Fwds letter from Gunner T A Marshall with report of Anacostia and other Experiment work W Fwds OX Anacostia 1/4/23. RB 2/7/23 W Fwds Div 14- F H 2/15/23
✓ 654294	12/20	U.S. Fleet T	Request repetition of radio test pec. 21, 22, & 23. W to C-I-C U S Fleet (T) appvd 12/20

TESTS RADIO

1922

Number.	Date.	From or To—	Subject.
626994	6/2	MI	Report on test conducted between Pearl Harbor and Wake using tube transmitter. W.
629542	6/24	To Key West (T)	Transmit for Bu Standards test on calling wave and sending wave cc Dir Comm- Bu Standards W To Key West- Wave length adjustment cc Dir Comms 6/28 7th Dist: 7/5 W
632008	5/29 7/5	Battleship Sqd. 4 Jagf. fleet	Report on test of model TC apparatus. W.
637868	8/16	Atl. Fleet (T)	Request Bureau Standards take measurements when vessel tests are. W. To CO (T) gives action 8/18 Atl. Fleet- (T) Report on measurements. 8/18 W

N.S.E. Form 134.
TESTS RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 632809	7/22	To Mine Squad 1	Test of 500 Watt A C Tube Transmitter- W atl. Mine Sqd. 1- Test outlined satisf. 7/27 W To Comdt Rockport T Your letter 27 July test radio transmitter SHAWMUT. When desire conduct tests. W
TO CARD 69			Mine Sqd. 1- (T) Recommends test be conducted 9/-1 and 2. W. 8/30 CO SHAWMUT. (T) Will conduct test 9/6-7. 9/1 W To At Ft-T-Insufficient time 9/8 W Copy of letter to Communications rel to test on Cavite receiving Pearl Harbor direct. W.
✓ 637237	8/7	BCCS	
✓ 637618	8/14	BCCS	Copy Will discontinue testing 10,500 and use 7900 until new arc is installed. W.
✓ 638332	8/18	BCCS	Copy ✓ Report on comparative test between Guam and Pearl Harbor. W.

Number.	Date.	From or To—	Subject.	
614005	3/16	3d Dist. Copy	Report on test for first 5 minutes.	7.
/ 604054	3/16	5th Dist. (P)	Radio phone test with Arlington heard. 8th Dist. (T) Telephone test not heard.	7. 3/17 W
586084	4/1	To MI	Tests between Pearl Harbor and Eureka using tube transmitter.	600-3
618803	4/13	Pearl Harbor	Report on reception of radio signals from Cairo Egypt.	7.
617164	4/17	H. J. Rosenwald	Ask if any inform published regarding navy experiments of 1915 on radio test between Hawaii and Paris and Arlington.	7 64-X-6

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N. Eng. 134

TESTS RADIO

Number.	Date.	From or To—	Subject.
601552	FROM CARD 65		MI- Request telegraphone equipt be fwded. 5/12 W. To MI- Fwds cc report cc Washn 7/8
624149	5/16	J. H. Hammond (T)	Will send Chaffee as soon as inspection of DELAWARE is made. W. To Hammond Research Lab (T), Given inform W 5/18
624482	5/20	To Sayville (TT)	Directs observe test with Bur Stands 5/22 to determine difference in strength recd signal filter connected and disconnected W Sayville- (t) ask on what wave test is to be made. W. To Sayville (T) W. rel test cc ru of Standards W 5/20
624483	5/20	To District Comm NY (T)	NY Incom Lab of Dr. Goldsmith City College NY Navy will not broadcast 7/23/20 Sunday W

1921

Number.	Date.	From or To—	Subject.
601919	1-/30	To Director of Bureau of Standard	If Director is in favor of proposed plan It is requested that instead of detailing an arc transmitter to him that Mr. Willoughby be permitted to continue his investigation. He will report at Navy Yard. 1/6
		1922	
604979	1/16	Atl. Destroy (T)	Request Bar Harbor test ROCHESTER'S continuous wave transmitter. V. Bar Harbor- (T) list ROCHESTER listen in. 1/19 To Comdr Des Squad Atl Fleet (T) Gives Action 1/16 cc Bar Harbor- Dir of Communications 1/18 To Bar Harbor (T) Gives instrns 1/18 cc Dir comms 1/18 To Atl Fleet (T) listen on 24 hundred meters after schedule for Bar Harbor report 1/19/22
606509	1/26	New Land Sub Base	Copy radio test tube set on R-22- request assignment of call letters. W.

1922

Number.	Date.	From or To—	Subject.
608968	2/9	CO GEORGE WASHINGTON A	Copy Request arrangements be made for a schedule with Washington to accept Govt traffic on vessels cruise to the Mediterranean D.
612007	2/27 3/2	Subm Div. Zero. Communications	Radio test requiring temporary use at Art Crumbull sat completed. %
611745	3/4	To W. M. Bruce A	Request loan to Aircraft lab two of mountings also extra cable coil W To W. Bruce—finds contracts as requested. 3/9 W it is hoped, that in the next week, relays will be inspected and their opera- tion observed 3/16
612697	3/6	Acoustic	Report on long distance track transmission from Acoustic received in Hawaii. %

TESTS

1921

Number.	Date.	From or To--	Subject.
592674	10/26	San Juan (T)	In comm with high speed key test with various stations. W. To Juan (T) Gives informal test 10/27 To Bar Harbor (T) will transmit high speed- 10/27
592682	10/22	Bar Harbor	Finds sample of tape taken with San Diego High speed test. W.
595033	11/12	To Radio Research Lab Bu Standards	Investigation of Scott Claphorn for use in connection with Static Reduction W
595287	11/10	To Radio Lafayette (T)	Shld prefer fifteen minutes periods daily or six days-- between nine and twelve AM and three and five PM Washington time either special signals or traffic reporting antenna current Austin W
597630	11/26	Bar Harbor	Copy of letter to Communications submitting report on receiving test with Leaffields. W.
597405	12/8	To William M. Bruce	Reest loan to Bruce relays for service test cc CO Anacostia- Bu Standards W To Bu Standard - gives Action 12/8 12/8 To M. Bruce- 12/9 W To-- Gives informal rel finding of correspond- encl 12/15 To-- Three week delivery satisfactory 12/21 To-- Test in form of radio transmitters Test lab 12/24

1921

Number.	Date.	From or To--	Subject.
599687	12/16	To Wash	Tale set to withstand induction cc Dir Communications - CC Anacostia W
600871	12/17	Bar Harbor (T)	Report on high speed test . 7.
601517	12/19	Bar Harbor	Eds samples of tale taken on San Diego high speed test. cc Dir 12/20 HB 1/25 W
601552	12/23	To MI	Results obtained to date in the reception of high speed radio telegraphing telegraphone cc Pacific Coast Comm Surt W MI- Copy letter to Earl Harbor 1/5 W I- Preliminary report on tale telephone reception cc Dir 12/23 cc Wash 4/21 To MI- Gives action taken cc Dir Comm - Philippine Pacific Coast Comm Surt W Some radio will hold test to improve service - rest expedite acknowledgements. 7.
601870	12/23	Nav. Attache Rome -	

TESTS:

1921

Number.	Date.	From or To	Subject.
574699	7:12	11th Dis copy	Report on test with Annapolis. W TCCS-copy-report on test-7:12-W 11th Dis-copy-8:12-W
574752	7-15	To Paris (T)	In conn with tests, copy Bureau of Stds. W
578548	8/2	Bar Harbor	Subm report on high speed test with Annapolis 8/1 W.
581735	8/20	Bar Harbor Copy	Report on test of Laf. Sta. W.
581931	8/22	Bar Harbor Copy	Reports on test. W.
581973	8/23	Bar Harbor (T)	Laf and Anckerton test reports. W.
582292	8/23	Bar Harbor Copy	Reports on test watch, at Laf. Sta. W.

Number.	Date.	From or To—	Subject.
✓ 582398	8/25	Bar Harbor Copy	Report on test watch Laf. Sta. W.
✓ 582648	8/26	Bar Harbor (T)	Results of test. W.
✓ 582759	8/27c	Bar Harbor Copy	Test report. W.
✓ 582957	8/28	Bar Harbor Copy	Test report. W.
✓ 583025	8/29	Bar Harbor Copy	Ask if test with Laf. to continue. W. To Bar Harbor via Boston Reqt report 8/30/6
✓ 583021	8/29	Bar Harbor Copy	1st Dist. 11/16 W Reports on Left-Test. W.
✓ 583347	8/30	15th Dist. Copy	Darien failed to observe test schedules. Bureau Standards, 8/29. W
✓ 584805	9/10	Bar Harbor (T)	Reports on Balboa and El Cayey traffic. W.
✓ 586496	9/20	Quantanamo T	Request test at Arlington commencing Thursday W
✓ 586944	9/23	6th Dist. Copy	Request another test be made W.

1921

Number.	Date.	From or To—	Subject.	
546969	2/16	PCCS Copy	Will use packing relay for test at San Diego when again installed. W.	
548183	2/23	Communications	Fwds report of PCCS cov reception of high power stations. W.	
561694	4-25 7 7	MI Communications	Report on test of Malabar radic. W.	
565614	5/23	Boston	Subm report on special high speed test, San Diego and Bar Harbor. W fwd Commun 5-31 BB 6/7 W	
566120	5/24	N.Y.	Have been receiving excellent signals., W	
567808	5/31	MI	Fwds report of high speed test San Diego and Bar Harbor Stations. W. To M.I. 6/21 To Communications 6-24	
568624	6/9	To Wireless Improv Co	Request data in re tests Annapolis W Wireless Improv Co 6/23 6/16 W	
568631	6-15	To Atlantic Flt Tel 475	Request report covering tests of transmitter tests not to interfere with fleet routine W	

TESTS

1921

Number.	Date.	From or To—	Subject.
569594	6-17	To Hammond Rech Lab.	In conn conference held between reps of company and Bur Ordn and Engr. appvl of experiments to be conducted at Melville W copy Ordn Boston New ort To— Regst reports be fwded first day of each month w/ appvl 1st of experiments cc Ordn- Insr Chas. H. 12/10 Ordn- Supplemental agreement will be provided at once. 4/11 To Ordn- Give Inform 1/16/22
461063	FROM CARD 50		Phila. 6/18 W
571540	6/23	Bur Standards	Subm report on test of signals transmitted from a large double coil transmitting set. W. To Dir Bu Standards 7/6
573073	7:0	11th Dis copy	Report on test.
574548	7:11	11th Dis copy	Report on telephone tests with Annapolis W

TESTS

1920

Number.	Date.	From or To--	Subject.
511511	8/14	First Dist. Copy	Adviseable to postpone dip test, so advises CO SAN FRANCISCO. W.
512895	8/21	Nav. Attache, Rome	Copy SAN PAULO antenna will be lowered 9/12 for ten days repair. W.
519341	9/17	Mara Island	Encs copy of instrs for use in station personnel for taking static observation. W.
519645	9/27	Communications	Report on test conducted by Radio Corp of America at Bar Harbor. W.
527913	11/5	Atlantic Fleet	Report on performance of radiators in practical use. W.
509205		FROM CARD 61	Phila- Encs drawings. 11/15 W

TESTS

1920

Number.	Date.	From or To—	Subject.
532350	12-3	To Comdt Mare Island	Investigation of source of static interference at Cayite and Los Banos. Problem 4- W Mare Island - Copy of action to Cavite. 12/11 W
537142	1-3	To Comdt Manila	Recs in re multiplex radio trans with single antenna. Problem 100-B assigned covering W To Manila 1/5/21
538770	1-8	To Western Elec Co.	Re:st co. of report of test made in the Atlantic Fleet with secret type trans designed by Mr. Helling of Co during 1917- W Western Elec. Co 4/16 W
513627-192	1/7/21		Radio Telegraph - Radio Research Comdt. Eng. Problem #19
542575	1/24	Batl ship Div. Copy	NEW HARBOR 1122 directed to observe range and audibility of U.S. radio stations. W
542581	1/28	15th Dist. Copy	Communications with battle fleet fully unsatisfactory, arc on board U.S.A. continually broke down. To Boston - request report 1-28-21 Boston - gives probable cause of bubbling arc. 2/1 W
543474	1:30	CO OHIO Copy	Re:st report transmit on a-c about 4,000 meters. W
544516	2/3	Bar Harbor Copy	Ask if long wave test will be conducted To Otter Cliffs Bar Harbor Tel 2-4-21

TESTS

1920

Number.	Date.	From or To—	Subject.
506958	7-23	To Boston	Considers problem 1-A radio compass comparison of Bellini Tosi and navy standard compass as completed
506957	7-23	To Phila	Considers problem 26-A and 54-A completed W
507262	7/22	Atlantic Fleet Copy	Report on test.
506961	7-23	To Cayey (T)	Request observations on static direction be made three afternoons per week on 17,000 meters using revolving loop and antenna system constructed for Dr Austin and facilities on ship. Signal should be also taken on loop antenna system at same time. Report result weekly by radio W To Cayey (T) 8/17
			Cayey - Copy - no results obtained last readings. 8/18 W
			Bat. Juan - Copy - Gives readings. 8/22 W
			Cayey - 9/6 Copy "
			Cayey - Copy - Reports on audibility of. 9/19 W
506986	7-24	To M.I. (T)	7324 For DEMO PCCS 2020 1102 to Navycom test schedule approved by DMC. Period request every effort be made to minimize interference with regular traffic. Period suggest the handling of traffic constitute best test period arrangements should be made so far as practicable. W cc. Com by mail
507127	7/24	Communications	For copy of message with Tropic 1 Radio C. in case of interference by SIGARD. And Boston 7/27 RB 8/5 W.
507127	7/23	Dept Commerce	For copy of report from Navy Service and Bureau of Navigation caused by tests conducted by radio ship in vicinity of Boston. W To Boston. 7/29 To Dept Comm. 7-29

RECORDS

Number.	Date.	From or To--	Subject.	
✓ 507399	7-27	To Bur Standards	Reqt subm estimates on cost of equipment to be used with std vacuum tube rec and trans a. r. for conversion into duplex radio telephone as at present developed by Radio research Laboratory. 9th Oct. 8/9 Y To Wash. restd action 8/30 To Bur Standards- rel proble 110 8/31	W
✓ 507742	7-22	Bu Standards Lab	Report on results of reception from Wash yd in comparison tests of chopper cir- cuits; W	
✓ 507922	7-28	To Chasna	Improvement of long wave receiving a. r. as at Stations Charleston. Detailing Radio and L.M. Clausen to assist in same. W	W
✓ 508353	7-28	Atlantic Fleet	Report on test, using same receiver and amplifier.	
✓ 508284	7-21	To NY	Reqt for test, problem 41-B wave front variations. assignment to radio comm: s st tions Fire Is Manoloking take bearings on Phila Cape May Newport and Fire Is. W	W
✓ 508285	7-31	To Cordt Phila	Reqt st tions as listed take bearings, problem 41-B	W
62	9-15: W 9-21	2 letters:	Phil. - Was special report on wave front variations. 11/6 W.	W
✓ 508765	7/30	Home	Report on test of San Paolo. W.	W

TESTS RADIO

1920

Number.	Date.	From or To—	Subject.
501237	6/23	Phila. Copy	Subm report on test of design problem 93.
501444	6/24	Laf. Sta. Copy	Report on operation of arc. W.
501500	6/24	Bur Standards Rech labr.	Results of reception from Washington Yard in comparison test of 8 chopper circuits. W
501890	6/26	Cape Lay Copy	Cape Lay did not hear test, due to heavy interference.
502013	6/28	Bar Harbor Copy	Subm report on test of "Wireless Tele. signal 450 meters. W.
501973	6-29	To Bur Standards	Investigation of radio problem 43 universal amplifier W To Bur Standards, superseding instructions previously given. 9/15/20
501983	6-30	To Bur Standards	Relative merits of method of reception, internal loop inductance external ground wire batteries and internal loop circuit. Assigns problem 74 covering work on To Anacostia- comparative reading tests on various types of static reducing circuits 7/2

Number.	Date.	From or To—	Subject.	
506331	7/2	Pensacola	Communication reports. W.	
506358	7-21	To N.Y. Ph Norfolk Bar Harbor Annapolis OHIO N.Y.- (T) Report on test. 7/22 W	(T) Rel test 7/22 on 30 kw arc with special unwave key. Copy 4th Dist- C. F. report on test. 7/22 CC OHIO - Copy - report on test. 7/22 Bar Harbor - Copy - report on test. 7/22	W
506361	7-21	To Anacostia	Assign out of problem 75-B airc radio compass for metal seaplanes. W To Co Anacostia 6-17 415	
506366	7/22	P.C.C.B. Copy	Federal Telegraph Co. desire test 30 days San Diego single wave system. W	
506324	7/22	Atlantic Fleet Copy	Report on test. W	
507114	7/22	Atlantic Fleet Copy	Report on test. W	
506372	7-23	To Bur Standards	Completion of problems listed. W	W
506376	7-23	To Anacostia	Completion of problems	

ELECTRIC RADIC

Number.	Date.	From or To—	Subject.
435271	5/23	Adriatic Forces Copy	Report on test, Laf. eta. W.
488993	FROM CARD 56		To M.I. (T) - Results of tests 5/26 Bar Harbor (T) - So. Frisco not heard. 5/26 W To M.I. (T) results test Annapolis 5-27 Bar Harbor - Wds samples of vaps made on test. 5/2 W To Com. submit statement 6-8 copy Annapolis Wash M.I. Bar Harbor Mare Island - Copy - Request arrange for Ottercliffs and Bureau Standards to receive South Frisco 6/9 W. To M.I.s (T) - in re tests - 6-10 To Bar Harbor (T) 6-10 To Bar Harbor (T) 6-10 Mare Island - Test arranged. 6/11 W. Ottercliffs - Copy - report on test 6/12 W To M.I. (T) 6-10 Ottercliffs - Copy - report on test. 6/14 W. Mare Island - (T) - Report on test. 6/15 W. Bar Harbor - Report on test. 6/15 W Bar Harbor - Report on test. 6/15 W To D.C. - submit statement 6/23 6-15 MI Wash and Annapolis copy of Bar Harbor letter re tests 6-24
497277	5/21	Mare Island	Test of single wave system. So. Frisco station - report covering. W.

Number.	Date.	From or To—	Subject.	
497680	6/3 P	C.C.S. Copy	Pearl Harbor test unsatisf on account of difficulties with malabar.	W.
497717	6/4	P.C.C.I. Copy	Request Dist. Stations get together in conn with malabar resuming test	W
498128	6/7	E. J. Nally Copy	German Govt ready to handle traffic; ask when will be ready to start test.	W
498441	6/8	Laf. Sta. Copy	Subm report on addtl test.	W.
498969	6/11	Annapolis Copy	atching arc chambers complete; have orders to hold test 6/13	W.
499427	6/14	P.C.C.S. Copy	Report on test with malabar.	W.
499648	6/15	Bar Stand. Labr	Fwd report on radio reception in Porto Rico by Dr. L. W. Austin.	W
500855	6-22	To Phila- Norf Annapolis Ohio Bar Harbor (R) Phila- fws reports 6/23 W Bar Harbor-Report on test 6/24 W To Wash. fws correspondence 7/1	Request report on test design problem 93- test June 23rd- W Bar Harbor- Copy W ord (2) Report on test W Bar Harbor 6/23 Copy. Test not heard. W	

TELETYPE RADIO

Number.	Date.	From or To—	Subject.	
493506	5/12	Bur. Stand. Labr.	Report on determination of relative merits of damp and undamped wave signals, using oscillating and non-oscillating vacuum tube detectors.	W.
493813	5/3	Pearl Harbor	Elimination of arc mash— report with print, covering	W.
492908	5-17	To Exor Sta.	Request monthly reports be subm. covering station research activities at station. To Annapolis— Gives instrns 3/29	W
494115	5/6	More Island	Test of single wave system at So. Frisco Sta.— report covering.	W
494697	5/15	Bur Stand. Resch. Labr.	Report on transmitter test of wave key at South Frisco Sta. To Comdt M.I. quotes from Bur Std letter 5/21	W.
494845	5/20	U.S.C.S. (T)	Report on test with Laf. Sta.	W.
494843	5/20	U.S.C.S. Copy	Report on tests, South Frisco Sta. by Fed. Co. on single wave.	W.
494838	5/20	Pearl Harbor Copy	Laf. Sta. not heard.	W.

Number.	Date.	From or To—	Subject.	
494889	5/20	Wash.	Status of investigation of Lowenstein rings on 2 MW arc, also preliminary investigation on circuit	W.
✓ 494914	5-21	To CO Anacostia 918	Assignment of Scott Clarophone problem 75 class B. W To CO Anacostia, re: Scott Clarophone problem report on. Request recd 5/21	
✓ 495136	5/21	Laf. Sta. Copy	Report of station test	W
495137	5/21	Laf. Sta. Copy	Report on test: test will be discontinued until 5/27 To E. Island - (T) quoted on test 5/22 Laf. Sta. - Copy - will again test first section of antenna 5/25 To Laf (T) read too late 5-27	W
495263	5/22	P. C. C. B. Copy	Report on Test with Laf. Sta. PCCS-Copy- Signals not heard. 5/24	W.
495237	5/20	San Harbor (T)	Report on test	W

TESTS: RADIO

1920

Number.	Date.	From or To—	Subject.
491422	5-4	To Comdt Washington 655-4	Reqst B/R. Cummings, and G.W. Carpenter be present at Submarine Base, London on May 17th, for 10 days to assist in expr test of radio equipment on BUSHNELL S-4 and S-5. Have reqstd Operations to grant authority for passage of these civilians on board. Mr. T. Johnson Jr. will represent Bureau at these tests. To Comdt Washn- material required for installation 5/4 To N. London- authorizes installn 5/4 To Operations- rel tests- 5/4 Dept- Copy of letter to Atlantic Fleet approving tests. 5/11 W.
492890	5-12	To Anacostia	Assignment of radio problem 65 covering high speed telegraphy with vacuum tube transmitters or high frequency alternators. W
492889	5-12	To ANACOSTIA Anacostia 5/22 W. Exp. Sta. 2/21 W. Exp. Sta. - fwd report of Dr. Hayes cov hydrophones installn on board CAMDEN. 2/25 W	Reqst expedite information rel problem 37-A constants of circuits used in the Taylor system for reception of continuous waves without heterodyne. for use install Bar Harbor radio station. W Anacostia- inform rel to constrn of receiving system using Taylor system for reception. 5/22 W
492900	5-12	To Expr Station	Assignment of problem 68- in r to development of new type of range finder. Reqst fwd info covering. W To Expr Sta 2-17-21
492901	5-12	To Expr Station	Assignment of problem 69- sound apparatus for heavier than air and lighter than air craft. Reqst info covering. W

[illegible]

Number.	Date.	From or To	Subject.	
486387	4/8	Nav Intelligence	Was article in French covering measure- ment of radiation of an antenna. W	875
487078	4/12	Wash	Design problem under No. 73 submits prelim report and recommendations for use of ballast lamps. W	907
487542	4/14	Balboa Copy	Subm report on disposition of personnel for test purpose; also report on test. W.	
487606	4-19	To Bureau Standards	Investigation of Fanning circuit- radio research Problem 45- W Request no further work to done	
487607	4-19	To Anacostia	Radio research problem 33- loop transmitting antenna. Request measurements be taken of capacity and inductance of this type. W To Anacostia- request experiments be conducted with this type using two metallic masts 4-19 Anacostia- Subm report on loop transmitting antenna. 4/20 Anacostia- Multiple tuned antenna- detailed reports on radio telegraph test to determine communications distance of radio transmitter sets on destroyers from different type of main masts. W.	
488559	4/6 4/13	CO BLAFLY Atlantic Fleet		

Number.	Date.	From or To—	Subject.
476411	FROM CARD 54		N.Y. 4/17 W.
488993	4/21	Mara Island Cdrw	Request Bureau arrange with Ottercliffs
59		Mara Island/ Copy-Rest arrange for	and Bur Standards. to receive test, South
		Sur. of Stand. and Bar Harbor to	City since wave on 6 thousand meters; rest
		receive So. Frisco. 5/13 W.	re b't upon completion. W.
		Mara Island- Rest arrange for Otter-	To M.I. (T) tests arranged 4-22
		cliffs and Bur stand. to receive So.	Mara Island- (T) Request arrange for Bar
		Frisco tests. 5/17 W.	Harbor and Sur of Standards to receive South
		Mara Is. and- (T) Rest arrange with	Frisco test 4/28 W.
		Ottercliffs and Bur stand. to receive	Bar Harbor - (T) South Frisco not heard 4/30-W
		So Frisco test. 5/12 W.	Bar Harbor- Copy- South Frisco Station not
400		To M.I. (T) records of test 5/18	heard. 5/1 W
		To Bar Harbor (T) 5/19	To Bar Harbor (T) 4/29
		To M.I. (T) 5/19	To M.I. (T) tests arranged 4-29
		To 9th Dist (T) 5/19	To M.I. (T) rel B. Harbor reports 5-1
		9th Dist- (T) Report on So. Frisco	To Mara Island- (T) Bar Harbor reports So Frisco
		test. 5/24	Station not heard. 5/4
		To Bar Harbor (T) as a rest	To M.I. (T) 5/13
490754	5-1	To Bureau Standards	Assignment of radio problem 53 W
			To Bar Stds 7/11/21
490755	5-1	To Comdt Washn	To Wash- assignment of radio problem 7/12/21
			Assignment of problem 64

Number.	Date.	From or To	Subject.
481973	3-16	P.C.C.S. (copy)	Report of test Cavite transmitting to San Francisco using Cordova relay: W
483053	3/20	Anacostia	Continuous wave reception without heterodyne- 898 fwd's sketch of Taylor system with comments on. W
483111	3-24	To Bureau Standards	Re: completion of work on radio research problem 37- class A- continuous wave reception without heterodyne W
483188	3-24	To Bureau Standards	Re: investigation of problem 30 be tied with problem 2. W
484249	3-29	To Bur Standards	Concurs in recx on radio research problem 38-B investigation of two plate antenna system, and considers same completed W
484250	3-29	To Bur Standards	Considers work on problem 46-B completed W

Number.	Date.	From or To--	Subject.
484251	3-29	To Bur Stds	Radio problem 37-A- continuous wave recept without heterodyne- No further work should be attempted other than application of systems invented to date for use as stray and static limiting devices in conn with problem 4-B- W
484257	3-30	To Bureau Standards	Radio research problem 21-A rejector circuit for use in conn with interference in static reduction on long wave lengths. W
484259	3-30	To Bureau Standards	Fwdg info rel results obtained at Norfolk on the "Investigation of static and induction interference with audio frequency amplifier directly connected in the antenna. W
484765	4-3	To Bur Standards	Rel development of heterodyne wherein use of battery is eliminated. Assignment of problem 59 class B- W
485360	4/27	P.C.C.S. Copy	Malabar Java will test with Pearl Harbor using 10,000 meter wave. W.
485448	3/4	SAN Juan Copy	Dr. Austin confined to bed; recommends leave be extended if experiments not completed; work also delayed by illness of Lt. McWhorter. W
	4-17	To San Juan (T) HENDERSON will not stop San Juan on return trip	To San Juan (T) orders extended - gives date of sailing 4-9
	4-17	To Nav- regst trans for Dr. Austin and wife	San Juan Copy- Boat arrangements be made for Dr. Austin and wife to take passage to U.S. on board HENDERSON. 4/13 W.
	4-20	To Cayey (T) rel transportation	3-4- authorizes extension of 10 days for Dr. Austin. 4/17 W.
	4-20	Cayey- Copy- Dr. Austin sails for NY on 4/23 W	
	4-23	Cayey- Cayey (T) 4/23 W	
	4-23	Cayey- (T) 4/23 - rel transportation	
	4-23	be arranged for Dr and Mrs Austin	(over.)

TESTS: RADIO

Number.	Date.	From or To--	Subject.
475160	2/14	To Anacostia	Assignment of radio research problem # 6. W To Bureau Standards. rel above 2/14
475708	2/16	To Cdt IM's Res Lab Bu Btds	Fwds list of radio research problems now being undertaken by Bur. W
475710	2/16	To Anacostia	Assignment of problem 41. W To Anacostia 5/20 To Bur Btds 5/9
476541	2/16	CO OHIO Copy	Vessel arrived at Outer Roadstead. Md. for trials to be conducted by Bureau. W.
476411	2/17	To IM Ny N.Y. Subm recommendations as to allotment 3/31 3/11	Reqst advise needs by which work on radio piloting cable may be continued and recs be made to Bur on allotment required. W NY - fwds plan of cable installation NY Harbor. with comments on - 3/16 To IM N 3/20
TO CARD 56		To IM N.Y. asks rel using cable from Ft. Bel to Ambrose Channel l. ve bsel rel exprs 4-13	
477440	2/5	Bur Stand Research Labr.	Fwds preliminary report on "Angle of Wave front in radio telegraphy." W.
477077	2/20	To Cdt P. Harbor	Reqst fwd complete report on all research problems be fwded Bureau. W Mare Island- Fwds report on Research work. 4/1 W

Number.	Date.	From or To—	Subject.	
✓ 477524	2/20	Western Elec. Co.	Request report on test of Grid leaks by G.E. Co. and Western Elec. Co. To Western Elec Co 3/5	W.
478597	2/28	Fed. Tele Co. (T) Hare Island - Copy of action to Pearl Harbor 1/8 " Hare Island - P.C.S. correspondence 11/30 "	Request communication tests between Naval Stations and Co's stations in Philippines. Fwd C - 7/2 R.B. 3/4 To Chf Tel Serv. Bg. Welterredan (T) 3/5 Fwd P.B. via PCCS 3/8 copy Com and M.I. P.C.S. - copy gives action - 3/15 To PCCS' Grisco (T) rel tests 6-5	W.
✓ 479565	2/16	Lt. W. H. Fanning	Fwds copy of report of Sitka Station in connection with communications with Magnon. To Shipping Ed. rel comm with MAQUAN. 3/6	
✓ 480047	3/9	To Com Off Anacostia	Assignment of radio reseach problem 57 class B investigation of Armstrong short wave receiving equipment. Anacostia - Test of Armstrong short wave receiving equipt - report cov., with photos. 5/26 W	W
✓ 480051	3/9	To Bur Standards	Investigation of stray and static reducing device developed by Dr McCas, representing John Firth Co. Reqst assistance be given in this work.	
✓ 480052	3/11	To Bur Standards	Assignment of problem 58 class C investgn of thermophone. W Bur. Stand. Tech. Labr. - Fwds report on investigation of thermo-phone. 4/14 W.	

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TESTS; RADIO

1920

Number.	Date.	From or To—	Subject.
472223	1/28	To Cdt and IM NY Co Ohio Air Station Anacostia	Fwd Status of Radio Research Problems issued Jan 15-20 W
472224	1/29	To CO OHIO	Assignment of problems for investigation. W
OHIO: submits work; 10-23; W	10-23; W	comments on outline of	CO OHIO lists addtl apparatus needed. 2/7 To CO OHIO- returns copies of report- reqst number and return 5-22 To OHIO- fws copy of plates 6-24 To OHIO fws photographs 6-24
471880	1/30	To Bur Standards	Assignment of number to problem as 43-A W To Washn- reqst work be given priority 2/14/21 Washington 3/23/21 W.
472773	1/30	To Comdt Washington	Appropriation of 2000.00 made covering problem 36-A. copy to Anacostia Annapolis Washington 2, 15 W
473022	1/31	To Bureau Standards	Fwd two copies of "Status of Radio Research Problems issued 1/15/20. W
470318	1/14 1/19	Great Lakes Communications	Subm re ort on radio audibility test from Ballifonta. W.
473047	2/7	Fwd Cdt Wash	Print showing proposed change in cord sup ort Western Elec Co telephone set. W

TEXTS RADIO

Number.	Date.	From or To--	Subject.	
474566	2/5	CO	In conn with radio experimental work to be performed by ship's force and individuals and Air's.	W.
474014	2/6	To Anacosta	Assignment of radio problem- 53-B. W Anacosta- Variation in direction of signals read from aircraft - reads photos of apparatus with report covering. 3/27 W.	
474024	2/6	To Bur Standards	Assignment of radio problem- 54 W	
474698	2/7	Dept.	Copy of telegram to CO OHIO directing proceed to Annapolis for duty in conn with carrying out radio test.	W.
474783	2/9	To Nav	Reqst info rel navigation of Potomac River. W Hydrographic Office- 3/2 To OHIO 3/6 R B 3/16 Memo for Admiral Smith rel navigation 3/24	
474989	2/9	Bar Harbor Communications	Fwd sample of tape made on Stavanger sending high speed for test to Washington yard. And Cdt Wash 2/12 RB 2/19	W
474988	2/9	Bar Harbor Communications	Fwd sample of tape made on Stavanger sending high speed for test to Washington. And Cdt Wash 2/12 RB 2/19	W

TESTS RADIO

1920

Number.	Date.	From or To—	Subject.	
468857	1/12	Cordova Copy	Report on test with Nauen.	W.
469060	1/13	Cordova Copy	Report on results with Nauen.	W.
469113	1/13	Washington	Subm request for assignment of design problem numbers.	W.
469423	1/14	Bar Harbor T	Report on completion of 4th test.	W.
469494	1/15	Bar Harbor Copy	Request Annapolis not send high speed again until Bar Harbor advises.	W.
469936	1/17	Cordova (T)	Nauen unsuccessful; best result of test obtained on first date of test; device capable of improvement.	W.
470318	see card 53			

Number.	Date.	From or To—	Subject.	
469983	1/17	Cttr liffs (T)	High speed tests excellent.	W
468775	1-15	To Bu Standards	Radio Research problem Nos. 2 and 15. Audio Telephone, limited range, spotting plane Non-interference radio equipment. Fwds report of Ensign E.P. Broe. Bur. of A and N. Sch. enr. Fwds report of test on limited range audio telephone. 2/2	
469997	1-19	To Phila	Radio Research Work. Rqts submit monthly reports. W	
TO CARD	Boston - Subm progress report 3/9		To Boston. 1-21	
57	To Comdt Boston 5-1		Boston - Subm report. 2/11	
	Best report on results obtained with amplifier at other yards - 5/6 - W		To Cdt Phila 2/20	
470835	1-22	To Anacostia Air Station	Radio Research Work. Rqts recommendation re insertion of a series of inductances in the loop or antenna circuit for use in connection with static and stray reduction. W	
	Anacostia - 3/1		To Bu Standard. ditto. 1-22	
	To Anacostia 3/9		Bu Standards-1,23	
			To Bur Stds 2/13	
471270	1-24	To Anacostia.	Anacostia 2/17	
			To Anacostia 2/27	
			Radio Research problem #33. W	
471878	1/27	To Bureau Standards	Radio research work- assignment of problem 42-B W	

TESTS: RADIO.

-1919-

Number.	Date.	From or To—	Subject.	
463080	12/12	Cleveland Sta. Copy	No signals 12/12 - W 4th Dist - copy - 12/12	
462814	12/13	9th Dist T	No. brief. To (T) - Were post office tests conducted using audions and amplifiers at Chicago Cleveland and Buffalo 12-12	
463316	12/14	Cordova Copy	Subm report on receipt of signals from various stations.	W
464169	12/15	Radio Test Shop, Wash.	Subm status of radio instln on S-3.	W.
464141	?	Dept.	Copy of letter to Atlantic Fleet listing civilian representatives of Bur who are authorized to take passage on S-3 to conduct experimental radio test.	W.
462743	12/13	To Operations	Radio test work to be conducted on the S-3 now at Navy Yard Wash. Reqs permission for civilians listed to take passage to participate in conducting tests. 12/13 W	907
465314	12-27	To Yards.	Radio Research Work; directs authority of Bureau be obtained before undertaking any work to avoid duplication. W	876

TESTS RADIO

Number.	Date.	From or To—	Subject.	
464808	12/22	Phila. (T)	Report of test.	W.
464873	12/22	Norrf. Copy	Subm report on audibilities.	W.
465008	12/19	Cavite	Subm report of distant control experiments at Los Banos Cavite 11/12	W.
5045	12/23	Atlantic Fleet	Fwdg copy of action in conn with test on FLD 310 & DLR of Lamond inter fleet sets: SW	629
466160	12/9	Anacostia	Comparison of compound Heterodyne and acceptor rejector circuits- report cov.	890 W
467599	1/7	Cordova Copy	Request Nauen transmit at certain speeds, listed.	ss A.
467304	1-9	To Boston	Advise result of progress on Radio Research Problem No. 1. W Boston 1/14	

TITLES: RADIO

Number.	Date.	From or To--	Subject.	
✓ 459682	11/25	To Bureau Standards	Assignment of problem 38, class "C" two plate antenna system for transmission and reception of signals. W	
459684	11/25	To Bu Stds	Assignment of problem 39 class "A". Speaker system using three-phase alternating current supply can be applied to radio telephony. W To Bur Stds 7/11/21 To Comdt Wash 7/12	
460182	11-26	Cardova (copy)	Report of audibility readings with various stations.	W
460263	11-25	Tuckerton	Submits report of test with telegraphone automatic receiving equipment.	W
460431	11/29	New York copy	Audibility report.	W.
462906	12/12	Cardova Copy	Test reports - W	

Number.	Date.	From or To—	Subject.	
460099	11/29	To Norfolk	Desires test be made -radio telegraph- static and induction interference with an audio frequency amplifier directly connected with antenna. To I.M. Norfolk - Advise action taken 12-23 To IM Norfolk 2/13	
461256	12/3	Bar Harbor (T)	Report of high speed test at Annapolis. W.	
63 461036	12/3	To Phila	Radio compass for battleships, development of assigned to Ph Va to be referred to as 40-4. W To Phila 6-11-21	
TO CARD 63		To Phila	Request arrangements be made to include compensating loop as part of equipment W 3/26	
461472	12/4	To Anacostia 5-20 European Forces copy 7047	To Phila- plan of procedure 6-29 of I.M. Was prints and description of radio compass for battleship service 10/11/21 To Phila- request be given priority 2/14/21 Phila 5/7/21 W	
			Report of test with Annapolis.	W.
460114	12/5	To N.Y.	Radio telegraph radio research problem 16 radio piloting cable. W Request fwd info re changes if nay in specs. W	
462032	12/7	Cordova copy	Report of receipt of signals from Nauen, Germany. To Fleet Sound (T) 12/8 W. To (T) - Take complete report of system referred to by mail. 12-22 Cordova- T - Report on signals. 12/23	

Number.	Date.	From or To—	Subject.
457462	11/13	To Phila	Radio problem placed in class "A" and should problems be assigned to Yd, reqst priority of same be noted. W
457191	11/14	To OHIO	Radio telegraph. Investgn of static and inductio interference with an audio frequency amplifier directly connected in the antenna. Req't report of test be fwded. W To OHIO 11/18
457522	11/15	To Bureau Standards	Considers problem 6, radio compass galvanometer method completed. W
457561	11/17	To Anacostia	Lists problems according to priority list. W
457513	11/17	To Cdt Phila	Reqst advise rel progress made on problem 24. W
458003	11/17	To Bu Stds	Philas. 11/20 To Phila reqst work be started on problem 24- Reqst estimate of cost 11/29 Reqst problem 29 be considered closed. W

Philas. - Will submit estimate as soon as possible. 12/6
Philas. - Will estimate cost of remodeling. 1/5
To Phila - Sum of expenditure considered excessive. 1-12

Number.	Date.	From or To—	Subject.
458004	11/18	To Anacostia	Asks comments re: research problem 35 method as proposed. W Anacostia 11-20 Submits report
458374	11/18	To Washington	Desires conduct investigation to determine possibilities of loop transmission and that in future correspondence this problem be referred to as problem 35. W To - Reqs work on research problem be abandoned. 1-24
458949	11/22	To Bu Ltds	Sends progress report November 11
458860	11-15	Bur Stand Research Lab	Submits monthly progress report on audion phone transmitter, rejector circuits, vacuum tube transmitting set, radio compass, etc. W
459239	11-15	Bur. Stand. Research Lab	Rest assignment of research problem oovg application of speaker system to radio telephones from a 3 phase AC supply. W
458948	11/22	To Anacostia	Sends two copies of radio progress report of November. W

N.S.E. Form 134.

TESTS: RADIO

Number.	Date.	From or To—	Subject.	
453863	10/27	To Otter Cliffs	(T) Listen this afternoon test tube trans- signing WXX one thousand meters three pm to three fifteen etc. (T) W Bar Harbor, 10/27	
454497	10/29	To A.H. Grebe Co	Fwds copy of report test of batteries. W	
454971	10/29	Rasch, Labr., Bur/Stand.	Fw.s report of Dr. J. M. Miller, simultan- eous send receive telephones. W.	
455673	11:1	Washington	Submits comments and modifications of model TC Tel Set.	W
456493	11:7	Charleston	In connection with test of loop antenna with Guantanamo. W To Chasn (T) 11/8 Bur Stand Research Lab 11-20 Submits report covg reception of signals from Guantanamo.	
457160	3-15	Bu of Standards Re- search Lab	Fwds report on electrolyte visual recorder; W	

Number.	Date.	From or To--	Subject.
✓ 456550	11/5	Bu Stand Research Lab	Submits report of W F Irimes on measurements of receiving prints from Washington Yard.
456265	11/7	To Bureau Standards	Assignment of radio research problems 37 and 34, continuous wave reception without heterodyne and sub audio frequency receiving amplifier W To Bur Stds. considers problem completed 12/7/20
456267	11/11	To Anacostia	Asks investigations of problems as given. W Anacostia 12-5 Transmission and reception on extremely long waves. Anacostia- Comments on formula for transmission. 12/17
456268	11/12	To Bureau Standards	Assignment of radio research problem, 36
457458	11/13	To Bu Standards	Classification of radio research problems according to priority of. W
457460	11/13	To Boston	Radio problem 1 placed in class "A". Have classified all problems into three classes and req in future make note of class of same W



TESTS: RADIO

Number.	Date.	From or To—	Subject.	
426808	<u>From Card 44</u>		Bar Harbor-Fwds chart giving report of reception. 10:17 To Bar Harbor-Tel-Gives report of test. 10:20 Bar Harbor - Fwds chart. 10:21 (2) Nor? 10/4-Fwds report of tabulation test. Washington 10/28 To Washington- Reqst return of corresp with summarized report 11/5 Nor? Fwds special report showing comparative audibility of two kw spark arc and valve signals. W 11:6 Phila-Fwds special radio report. 11:5	
448999	10:17	Circular letter <i>D.7</i>	Radio experiments with Underwater, Surface and Aircraft.	W
453354	10:22	Com	Copy of tel to Marconi Co stating Marion auth to conduct test with Norway.	
453504	10:23	Bar Harbor Tel	Sub report of test with tubes.	W
		Transf to 453203-903-	(Over)	
453505	10:23	3rd Dist	Copy of report for test with vacuum trans tubes.	W
	Phila. 10/23 (T)		Fire Isl-Comp 10:23	
	Phila. 10/24 (T)		3rd Dist-Copy-10:23	
		Transf to 453203-903-	(Over)	

TESTS RADIO

Number.	Date.	From or To—	Subject.
453197	10/23	To Comdt Washington	Test sub by American R/R Corp assigned Design problem No 52- considered class "C" as re urgency. W Washington 10/29 To Wash design problem 52 cancelled 12/8 To American R R Co not advisable to subm for test 12/9 American R & R Corp 12-10
453203	10/24	To Miami	(T) Listen this afternoon test tube trans Navy Yd Wash two thousand meters four pm to four ten continuous wave four fifteen to four twenty five telephone report capabilities and gen result by despatch refer design problem forty eight. W To Chas ditz 10/24 To N.O. ditz 10/24 To Key West 10/24 To Otter Cliffs 10/24 To Otter Cliffs (T) 10/23 Chas 10/24 (T) Navy Yd 10/24 (T) Miami 10/24 (T) Bar Harbor 10/24 (T) Navy 10/24 (T) Key West 10/25 (T) CO ISABEL 10/25 (Copy) Bar Harbor Tel-Sub report of test with tubes 10:23 3rd Dist-Copy of report of test with vacuum trans tube 10:23 Fire Isl-Copy- 10:23 3rd Dist-Copy- 10:23 Phila-10:23 (T) Phila-10:23 (T)

TESTS: RADIO

Number.	Date.	From or To—	Subject.
447247	9:23	Cordova Tel	Report of test. W To PSD and MI (T) 9/25
447769	9:26	Hart Tel	States test on 125,000 meter unsuccessful, reqst certain test be fol. W
447538	9/9	Pearl Harbor	Report on screw test and instal of Sub- 793-5 terranean antenna. W.
448659	10:2	Boston Tel	Report of test fwd. W To Boston (T) 10/1 Wire Bn when test Hammond interflect sat completed also when report fwd this Bureau W
448038	10/3	To Cdt Washn Yd	Assignment of Bureau SE design problem numbers- W To Anacostia- In re to assignment of SE design problem nos 10/6
449380	10:5	PCGS Copy	Sub report of test with Cordova. W

Number.	Date.	From or To -	Subject.	
✓ 450604	10;10	O P Adams	Report of test of Audio Piloting cable conducted at New London. W To O P Adams-Fwds copy reqstd. 10:10 To O P Adams-By expressed desire to retain the word "Radio" and gives info. 10:20	
450627	10;13	To Washington	Samples of tube to be subject to test to determine adaptability. W Washington-Fwds report of test on receiving vacuum tubes subm by Radio Lamp Corp. 11/22 To Radio Lamp Corp-Fwds copy of report 11-12	
451150	10;3	M I	Sub report of observation on Bolin's test. W	
2 451147 432149	9:29 10:1	Pearl Harbor Hawaii	Sub information on sketch in con with high power trans at Pearl Harbor. To P.H. not feasible 10/30 Hawaii-Fwds sketches with reports: 12/3 To Pearl Harbor 1/30	W
447946	9/11 9/26	To Cdt P. Harbor 3/18 MI- No progress to report 4/27 W 13th Dist Com	Reports on research experiments conducted at University of Washington.	898

TESTS: RADIO

Number.	Date.	From or To--	Subject.	
432180	7:5	MI	Feds report of msg with loop antenna.	W
432194	7:15	Cavite	Coppy-Experiments proceeding sat.	W
439432	8:15	4th Dist Tel	Report of test.	W
439870	8/15	Phila Tel	Radio compass test fairly sat sug use of further test. H. to MI Tel 8/15.	919
440107	8/16	Cape May Tel	Report of test W	919

1919

TESTS: RADIO

Number.	Date.	From or To—	Subject.
✓ 440876	8;20	Dept	Copy of let to Dept State stating cannot grant permission to extend hours of test between Marion and Norwegian station at Stavanger. W
442169	9/2	To Comit Wash	Reqt transmitters be submitted to test submitting data covering, representative of Bu will witness tests W Wash 9-12 Vacuum tube transmitters- Comparative test- Fwds report. (cross 898)
442989	9/4	To Comm n	Test report on signals from Swedish Radio Station Karlsborg- no signals heard from Bu Standards W
444273	9/10	To Washingt n	Instructions in re to submitting of individual mfg reports W
447071	9;23	New London Tel	States that test started 23rd will be completed 25th. W
447081	9;23	PCS Copy	States Marconi officials desire test of high power trans app at Bolinas. W

TESTS: RADIO

Number.	Date.	From or To--	Subject.	
✓ 421435	5-26	New London Base 121 6 2	Report of radio test on S-3 and chaser 408 at Ports.	W
✓ 421332	5-29	To Bureau ~~Std~~	Assignment of serial numbers to radio research problems on hand. W	
421333	5-31	To Bureau Standards	Serial numbers assigned to radio research problems on hand. W Hawaii- 7:21	
✓ 421331	5-31	To Airc Lab, Bu Std And Radio Lab Bu Std To Comdt Pearl Harbor- Desires P H Sta undertake research work - 8/27	advises re plan for cooperation between various research laboratories and Bu, submits and asks comments and recommendations W /To- reqst instruc fwd lettr 5/28 be complied with and semimonthly reports fwd to Bu 5/27 To Comds- sub for comments plan 6/30 To Puget S & PH- req info re action taken 7/19 Pearl Harbor 8:7 Rqst for test Saturday 8/21.	
✓ 426706	6-19	San Diego (copy)		W
✓ 426735	6-19	4th Dist	Sub report of audiability of test.	

7-10-10

Number.	Date.	From or To—	Subject.	
426250	6-18	To Communications	Request despatch be at yards in conn with tests now being conducted on sample arc radi trans	
436808	5-21	To Comdt. Mgr. Director Comm.	Instruct rel to conducting transmitting test at yard Washn- resume of test desired	
To Card	Bar Harbor-Edw's charts-10/16	North 9-4	Receiving equipment recd.	
426970	6:20	1st Dist	Sub report of test of sigs Wash Yrd 19th	W
427172	6:20	1st Dist	Copy	W
427648	6:21	15th Dist	Sub report on adaptability measurements.	W
430535	7:6	Cavite	Sub report of test of various stations. W Cavite report of experiments. 7:14	Tel

MILES: RADIO

Number.	Date.	From or To—	Subject.	
412357	4:1 4:15	HMMA 2033	Sends copy of station log in con with test carried out with Coconino equip with arc set. To Ed Co- Asks tests sent install on COCONINO enroute Honolulu to San Frisco 5-28	W
411503	4-21	MI Tel	Estimate for prelim experiments To MI Tel 4-19	842
414449	4:29	To Bu Stand	Asks for copy of radio test 2531	W
414726	5:1	To Industrial Mgrs. Commandants etc.	Arranging performance of radio exp along research lines.	W
		To Mgrs. request data be fwd 5-29	Bu Stand-in con with facilities for research work. W 5:5	
	Phila 6:2		Bu Stand-Report of facilities for research work. 5:5	
		Notif-Asst genl list of radio research work now in contemplation. Boston-Reports on facilities for research work. W 5:9		
	6:6	MI-Sub List of exp work and routine work under way 5:29	Phila 5/14- Report of facilities for personnel for research work- To Comdts- asks info re research work 6/27	
415284	5/2	To Bu Stand	Tests being conducted. To Washn Id- transformer reqdtd s int. will be used for testing purposes W 5/5 W	398
416864	5:3	National Res Council	Sends copy of cable to Attache at London in con with wireless test Darien and Annapolis.	W

1919

Number.	Date.	From or To—	Subject.	
✓ 417021	4:28	Natl Res Council	Fwds copy of cablegram from Eng regarding proposed wireless test during Solar Eclipse May 29th. Cross to 920	✓
✓ 418910	5:16	L W Austin	Method of test, effects of change made in sending station, fws report.	
✓ 419561	5:19	PCCS Copy	Fed Tel Co will cooperate in Coast Isl experiment, have placed lab at Gov disposal for elimination of arc hissing. PCCS-Tel-Chapmans - service offered by Fed Co	W 5:19
419306	5-20	To MI Tel	PCCS 15219 to DMC concerning Yerbuena period Fed rep considers M r Chapmans services essential connection two kilowatt tests period Bu cannot agree to postponement of these tests W	
✓ 421095	5:26	MI	Sub report of test of radio tel instal, authorize to retain for further test. MI-Regst that San Diego be authorized to issue a radio tel to cont experiments. To MI Tel 6-11	W 6:7

1919

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TESTS RADIO

Number.	Date.	From or To—	Subject.	
✓ 401060	3-11	To NY	Reqst report be fwd covering procedure of conducting acceptance tests at NY	
402648	3-11	Sims Copy	Sub report of test.	W
405299	3-24	Annapolis	Sub report of waive test proposed by Fed Co with Ottercliffas W	901
✓ 405928	3-26	Natl Res Co	Fwds copy of cable from attache London reg spec wireless sig which British will send out during week of May 29th.	W
✓ 404780	3-26	To Operations, (Subs) Via C&R	Recommendations made for standard type submarines. Reasons given— C&R—Copy of let to Dept. Sub comments on sub antenna and proposed loop instal. w Cross to 907 and 875 RE Dept 3:5	

Number.	Date.	From or To—	Subject.	
403402	3/25	To Comdt PH	Request expedite experiments as Marconi Sta will be turned back to owners soon.	852
408963	4:5	Com	Sub report on adaptability of test from some Swedish radio station.	
408918	4/4	Washington Yrd	Sub reas concerning design of rec app of higher wave length than ever used in service before, req authority to carry on experiments.	898
408644	4-7	To Washn	Reqs steps be taken see officers or empl req work expr test or investigations be carried out by Bureau, without matter being submitted for approval W	
410948	4:14	National Research Council	Fwd copy of report covering details as to eclipse wireless observation. Cross to eclipse.	W
411244	4-18	To Fed Co.	W was two samples of tape records taken at Otter Cliff. in conn with test made by Co. April 14th. W Fed Tel Co 4:21	

19 19

TESTS : RADIO.

Number.	Date.	From or To—	Subject.
394609	2-14	To Atlantic Fleet	Gives status of radio distance and audibility tests completed between USS PENNSYLVANIA and Bureau of Standards- W USS FLEET-Submits report on audibility of test. 4:14
386585	FROM CARD 40		HONOLULU - TEL 2:17 TUTUILA " " NEW ORLEANS " " DARIEN - TEL 2:19 HONOLULU " " TUTUILA " " Rime-Copy 6868-Asks if duplicate of test will be cond. 3:10
398183	2-26	To Pacific Coast Supt San Frisco Tel	Arrange with Fed Tel Co Palo Alto to cooperate with the in test. Navy two kilowatt arc installed for test on SS CCCCLIMO period ship sailing fr San Frisco Feb 27th

Number.	Date.	From or To--	Subject.
396118	2/21	To C. 2nd. Nav. Dist.	Reprt. that the transmitter be rejected.
397742	2:25	12th Dist	Fed Co rep will call to make test of 2 kw arc on Coconino. To 12th Dist 2-28
397337	2/25	To EF Alexanderson Research Laboratory GE Co	Ask re action taken test with GEORGE WASHINGTON 92 0-7
397869	2-28	To Arlington	File Cooper. with Bu. can re tests Bu. Std. Pds will make receiver measurements using Arlington antenna-

TESTS: RADIO

Number.	Date.	From or To—	Subject.	
389719	1:28	L W Austin	Submits tables of adaptability at Bu Standard, corresponding to diff prints.	W
388585	1-27	To Radio Stations	(T) Commencing 1-29th make comment in de-	
	DCS-ERISCO-1:30		tell on characteristics and strength of signal	
	NEW ORLEANS - Will try other		from Annapolis wave length 17000 daily between	
	coils. 1:30		one and three. T for three weeks. report daily	
	Darien Tel - 1:31		by Desp	W
	HONOLULU - 1:31		Darien - Tel - 1:31	
	TUTUILA - Two tels - 2:2		New Or - 1:31	
	HONOLULU - Tel - 2:2		Honolulu - 1:31 - Copy	
	DAZIE - Tel - 2:1		Tutuila - 1:31	
388600	1-28	To C-in-C Atl (T)	Rept on arc test be repeated twice while en route	
			NY to Hqs - Asks time and date test will be conducted	W
390588	1-31	Atlantic Fleet (T)	Report on PENNSYLVANIA arc tests with Bu Standards - W	
			Atl Fleet - Tel - Cannot send arc test. 2:3	
391734	2-1	To Sims (T)	Asks info for French authorities	W

TESTS: RADIO

Number.	Date.	From or To—	Subject.
388585	OVER	TO CARD 41	NEW ORLEANS - Tel - 2:1 SAN DIEGO - 2:4 - Copy TUTUILA - 2:4 - DARIEN - 2:4 - DARIEN - 1:5 HONOLULU - 1:5 TUTUILA - 1:5 NEW ORLEANS - 2:5 - Tel HONOLULU - 2:5 - Tel Darien - 2:5 - Tel Tutuilu - 2:5 - Tel DARIEN - 2:7 - Tel HONOLULU - ditto TUTUILA - ditto HONOLULU - 2:8 - Tel (2) TUTUILA - 2:8 - Tel BALBOA - 2:9 - Tel NEW ORLEANS - 2:9 (T) TUTUILA - 2:9 (T) BALBOA - 2:9 (T) Annapolis (T) 2:30 Acceptance tests of receiver built by Marconi Co submits report wv W
392244	2/5	Washington	898
391741	2-3	To Atlantic Fleet	Repeat PENNSYLVANIA and Bu std arc tests every six hours en route south advise hours of test repeat wave length antenna current and position of ship at termination each schedule W
393859	2/6	New Brunswick	Rel release in order to test equip for level of tel control. W. 920-7
393857	1/20	European Force 30m	Long distant test, rwdc report. W 902

Number.	Date.	From or To.	Subject.	
37424	11/3	Inser r Klyn	Tests last from person to sub test on test of ... driven meters.	362-1
375488	12/3	Radio Lab St. and.	Rec. P. Stand Be sub with ... of high voltage ...	516
375347	12/2	Lab Stand.	Part of further test of 2 KW ... elec	518
375813	12/10	To Wash,	Anal ... of ... test of new type destroyer compass.	519
376622	12/9	Annapolis Station.	Sub report of test of compass antenna.	375
✓ 377140	12/11	Bureau Standard	Made sketch and report of test cov standard method of test by Galillograph. W Cross to 903.	
✓ 379229	12/7	Brooklyn Force	Sub report of test of destroyer cov radio lab radio compass.	

TBS13: RADIO

Number.	Date.	From or To--	Subject.	
✓ 37096	12:18	New London Line	Rec N-2 and N-4 12/18 1:21 on various Fwd Dept. 12/18 To New London Base-Fwd report of test with prints. 1:21 C&R-Submits report on test. 2:1 New London Base-Sub report with prints of test of antenna on N-2 and N-4 1:21 S. Chief of Nav. Oper. 2/21	W
365255	12:26	Charleston Tel	In con with test 2 kw arc at Wash Yrd.	W
✓ 386436	1:18	Sims Copy	Swedish test fwd approved, asks if Stavanger tests are being made. W	
✓ 387901	1:21	Com	Copy of letter to Marconi Co authorizing certain test between Marion Stations and stations between at Stavanger. Com-Copy of let to Marconi Co-States Navy Dept has no obj to test with Norwegian Sta and Marc- onia Station. 4:5	W
376847	12/13	To NY	Reqs that sample wave meter for speed port- able use be fuded to radio test lab Wash New York 12/19	893-4

Number.	Date.	From or To—	Subject.	
354780	10/1	Exor S ₁ a	Asks result of test radio compass station	919
359653	10-1	To Hamp Rds	Repts that West Elec Co 100-mile airplane set took the term Elec Co be tested	W
354011	1/15		Hampton Roads-Submits report of test.	10-26
			To Hampton Rds, re test of transmitter 11-6	
354011	10/30	Hare Island (T)	Submits report re Brunswick and connects special test 10/26	
363220	10-30	To GE	Asks that they make prelim survey of situation re development of a short range def-	W
GE Co			active system of radio comm	
345776	10:15	Pearl Harbor	Reqs report of experiment.	
			To Pearl Harbor re imperfect contact in antenna	11-15

TESTS: RADIO

Number.	Date.	From or To--	Subject.	
264221	11/1	To M Is-(2)	3. No test Nov. 2 to 9th incl 13 to 15 Nov. 1913. 13th to 15th Nov. ville 13th to 15th Nov. 1913. 13th to 15th Nov. report test station to 1st city daily by 2030h.	913
337342	8/15	14th Dist.	Test station to divert test destroyer in vicinity of 1st in comm. 14th Dist. test.	909
370003	11/13	Inspr. Ed.	Sub report of preliminary test of 1st 1st 12 K. set.	898
373378	11/20	NY	Western case meter for use on 1st test set to 1st 12 K. instrument now inst. 1. report of test.	902
373307	11/4	To N.Y. C. per.	Test station of vessel for radio testing European Force 2:3	
377637	11/10	Amosite	Test station of vessel for radio testing European Force 2:3	
370314	11/15	Hampton Is.	Sub report of 1st 12 K. Co radio meters	918

TEST: RADIO

1918

37

Number.	Date.	From or To—	Subject.	
✓ 329718	7:22	G E Co	Repairs to test of radio barrage on long waive length. W To work performed satisf. 7/5	
331540	7:20	PGC3	Copy Submits report of test of radio communicated with Cordova. W	
✓ 333463	8:5	J R Weagent	Will begin test 8:6 W Marconi Co - Fwds complete list of test.	8:6
✓ 333463	8:5	To Marconi (E)	Will begin test 8:6 W Marconi Co - Fwds complete list of test.	8:6
334871	8/13	To Port	Given instructions for test of detectors	898
336935	8/8	Marconi	Fwds Van Dyke reports on tests and insp 1 RW	898

TESTS: RADIO

Number.	Date.	From or To—	Subject.	
✓ 341303	8:24	GE Co	Sub report of test at New Brunswick on radio barrage W	
✓ 343662	9:3	R. A. Fessenden T	Sub report of three days attempt to carry out test, have ordered all work stopped, no further test will be made. W	
329402	7/10	Mare Is	Sub report of test of Delarétte generator for use with arc radio transmitter	882-3
346030	9/6	Boston	With less specialty and Dublin senders feds reports on test	882-1
349385	9:10 9:15	Charles L Robinson Communication	Req that radio operator be directed to keep log during Sept 21 and 22nd to ascertain if any developments occur in connection with the earth crossing the sun's equator. S. C. J. 7/22	
350385	9:17	Marconi Co	Reports receipt of req from Norway to carry on a series of test with their Slavager, req their undertaking at Lakewood or Chatham 3 Fwd. Comm. 9/24 S. C. J. 9/17	882-3
358852	10/7	Mare Island	Feds report of test covering 1/2 K.W. Gas driven power unit. W.	882-3

903 TESTS--RADIO

36

Number.	Date.	From or To	Subject.	
311049	5/29	To Rockaway	Test of radio set type CE 615	918
314095	6/4	Experiment Sta	Understand B. ship complete a status for special radio experiments on Sunday.	876
293668	6/5	To GE Ft Wayne	Reqst submit to BU 14 additional gap units further tests will be made- W	898
318418	6:17	Belmar	Test of New Brunswick alternator, on 13,100 meters. Repts experiment number. W To Repts. to report data on experiments with alternator. 6/27	
✓ 319538	6:19	W E Co.	Acknowledges conditional information on radio test. W	
✓				
342217	8/16	Mar's Island	And San Pedro 6:21 received back 7:8 Fwas points in report of test on Der register receiver	898

TESTS: RADIO

Number.	Date.	From or To	Subject.	
320928	6/28	To Belmar	Letter to 1st Lt. Alexander on experiments.	901
320711	7-1		Letter to 1st Lt. Alexander on experiments.	901
323727	7:5	Belmar	Investigation for receiving conditions at Washington. Submits report in connection with Fwd. Nav. Com. 7/16 Naval Com - Fwds rec. 7:23	
324392	7:5	G E CO	Submits report of preliminary test of radio To GE Co. Ack. recd. of report of 7/13 preliminary tests of rad. barrage. 7/13	
325500	7:11	Oscar Brass Co.	TEL: Proposed test on new design porcelain rod asks if new station completed in order test can be made next week.	
328706	7:22	Sayville	TEL: Unable to carry out test until 7:21 due to turning out on temporary leads between trans- former house and arc building. " "	
335291	8/7	Washington	Submits report of test Mignon low wave receiver	898

TESTS: RADIO.

Number.	Date.	From or To—	Subject.	
293995	3/30	NY	Recommends Bureau authorize expenditure of \$50 per set for any alterations or repairs, in connection with test of East To--Auth/ 4/4	876
✓ 292967	3-28	To 3rd Dist	Reqs auth Marconi Co transmitt on the antenna Aldene, N J starting 3-29	
292820	3-23	BELMAR	General Electric photographic recorder reports on test	909
✓ 299329	4/16	GE Co	States not necessary to cover few pieces of sent for experiment by reqn.W	
30225	4/26	Cutting & Washington	Forwards summary of last weeks test on torpedo boat #79, Company's apparatus	79-Q-6
✓ 301753	4-30	TO Y&D	Erection of house or garage for storage radio apparatus in connection with experiments on the Anacosta Flats 4-30	
302853	5/3	To Comm. Sub. Force Atlantic.	Test on submarine to demonstrate possibility of using submarine as oscillator motor generator as radio motor generator and vice-versa.	907
✓ 203050	5-7	To (T) Mare Island	Impracticable raise antenna-Suspend test	793-5

TESTS: RADIO.

Number.	Date.	From or To--	Subject.	
305975	5-11	Experiment Station	Expedited special insulator contractor from Roebling & Son for under water radio test. W	
		To J. A. Roebling Sons- Advise insulator present status spec. cable-exped. to ship out 5-14	I. A. Roebling Sons Co. TEL. Ship single conductor today. 6 conductors two weeks. W 5:15	
		To J. A. Roebling's re above 5-17	To (T) New London, re experiments of single conductor cable. 8-15	
306380	5/3	Maro Island	J. A. Roebling Sons Co. repts shipment of items 5:15 Fwds radio test report A-101 on inspection of 1/2 k w Marconi radio sets.	898
307533	5/15	Naval Communication	Fwds report of test with wireless tel. at Naval Academy.	902
307547	5/4 5/12	Atlantic Force Atlantic Fleet	Preliminary report of test with Lowenstein short range transmitter, fws sketch with comments covering.	898
308121	5/24	To Washington	Fwds report test of Cui 298-A receivers made by Maro Island.	898
308652	5-27	To Western Elec Co	Repts prepared for 1000 filter boxes and 2000 choke coils. W	
310081	5-27	To Yds	Repts that in future all reports covering tests of installn, insptn, and technical info be prepared in report form on standard Navy "radio" sheet forms; two blue print and one vandyke copies being fwded 5-27	W

T. H. H. H. H.

FILE No.	From or To— (Dated)	Subject.	
271419	To Wash 3/2 1/5 To Wash	Washn-progress report. 2/25 Report of rec 12 progress of test work at Yard. Directs development of untuned circuits for it report on Tuesday of each week. W	Washn 3/15
270790	12-28 Bu Standards	Wash fws progress report 1-19 Wash 1-26 Wash 2-4 Test of capacities of condensers and coils: states will submit report in about 10 days. W	905
277462	1-29 Bermuda R	Recommendations relative to tests. W Fwd Nav Com--1/31	
277895	1-19 MR&M	VOID.	
277883	1-25 Great Lakes	Request experiment number assigned for test of submarine wires. W	
277782	1/31 To Firms GE Co--2/20 To GE Co--2/28	Recd fwd list of special experiments which may be in progress with report on each. W F. J. Weinstein fws 12 report on development work 2-2 Marconi Co--2/12	
277556	1-30 San Francisco copy	Reports on results of tests. W	852
279125	1-31 Great Lakes	Under-water radio test; submits report on. W	875
279199	2/5 Communications	Telegram from Cooper stating expect to commence tests Tuesday - W	
279183	2-2 Belmar	Fws weekly report on experiment No 1-B test of gen elec photographic recorder. W	909

903.

TESTS: RADIO.

279440	2-4	Trans-Atl Com Officer	Experiment No 5-A tests of wave lengths for New Brunswick radio to be carried on with Lyons, France and Rome, Italy.	920
280074	2-7	NY	Manhattan Elec Supply Co's hand key - reports on test and recommends approval of 1 & 2 KW sets only - W	898
281365	2-13	Miami T	Request Lyons send, in order to make test. W	908
284279	2/21	Wireless Spec Ap Co	Weekly report on experiment 9-A progress on drawings, etc. W Wireless Elec Co-Submit report. 3-2	
285315	2-23	LICKIDON PI	Report of test on reception of arc signals. W	
284917	2-25	Belmar.	Experiment 1-B Gen Elec. Photographic recorder reports on test. W.	909
384840	2-28	Nav Com	Weekly report of progress Trans Atl Stations. Reqt have French Govt. arrange for tests of intensity of Nantes and Lyon. W.	920.
286994	3-4	Taco.	Experiment 1-B- gen elec photographic retorter. Fwds. W.	909.
292716	3/27	G.H.Clark T	Test completed with Sperry results with rauens. W	
292820	3-23	Belmar	General Electric Photographic recorder reports on test of. W.	909.

1917

TESTS: RADIO.

Number.	Date.	From or To--	Subject.	
256971	10-23	Great Lakes	Reports on test of submarine reception of signals.	875
257582	10-30	To Sub Base, New Lond	Reports of test with underwater aerial. Directs submit semi-monthly.	875
257707	10-29	Phila	*radio protective device; test of lightening arrester type; fwds.	885
258964	11/6	To New Brunswick	Quotes despatches re certain tests for compliance. W	
259734	11-8	G E Co	Oil condensers - submitted Boston Yard - request result of test. W	882-1
260063	11-9	Wash	Fwds report on test of mica dielectro condenser submitted by John Firth for the Dubilier Condenser Co. W	882-1
261312	11-13	Wash	Fwds report on test of an audion submitted by John J. Auringer. W	898
261729	11-19	To Warf	Test of transformers manufd by Amer Trans Co. Insatns re tests of. W	904
263144	11-19	Pug Sd	K&C 1/2 kw motor generator insulation test forwards report. W	882-3
264313	11-24	Washn Yard	Aero fan generators submitted by Sperry Gyro Company - fwds report of test. W	918

903

TESTS: RADIO.

Number.	Date.	From or To—	Subject.	
264576	11-27	Phila	Fwds report on visit to Dubilier Condenser Co in connection w/fg and test radio protective device.	885
264856	11/29	West Phila Exp Sta	Fwds report on radio test. W	
265932	12/5	New Brunswick	Request copies of test made with Wales. W To Marconi Co. Recd copies of report 12/10 Marconi Co-fwds copy of report recd at Wales from New Brunswick Station. W	
265873	12-5	Communications	Wants radio station; reports on test of low power. W	892
267635	12-11	Wash	Crocker, Wheeler aeroplane generator; fwds report of test. W	918
268448	12-12	Pensacola	Comparative test of Simons and Crocker Wheeler Co's aero radio generators-fwds report on. W	918
269164	12-19	Great Lakes	Reports on under-water radio test. W	875
268989	12-20	Transatlantic Com Ofc	Magnetic receiver - reports on test of. W	898
269422	12/28	To Naval Radio Lab	Audibility tests. Fwds corres re tests at Cavite and New Brunswick. W	
270637	12-29	GRT LAKES	Reports on underwater receiving tests. W	875
270471	12-28	NY	Antenna wire connections, Clark seamless copper splicing sleeves; sample and report of test. W	875

TESTS: RADIO.

Number.	Date.	From or To—	Subject.	
251588	9-26	NY	Radio insulating material; fwds report on comparative test of various makes and brands; states Bakelite Dielectro, grad 20, only suitable material for radio high frequency uses.	672
251540	9-14	Lt Robt A Lavender	Aeroplane radio transmitter, Simon, Marconi, De Forest, Sperry and Rouzet; fwds report on witnessing of comparative test.	918
251725	9/26	Dept	Directs Bureau conduct experiments between United States and France -- W	
252155	9/20	New Brunswick Sta Fwd Nav Com 11/19 Communications fwds copy of letter to Italian Nav Attache, relative to test 10/12 Fwd Sd Dist Com Supt 11/2 Atl Coast Com Supt 11/15	Sim cony reports on test 12-19 Communications 11-30 Reports on test carried out with European station and fwds messages sent from and received New Brunswick and received photographically at Schenectady. W Fwd Nav Com 10/5 Communications 10/11	
252211	10/1	Cavite	Reports on preliminary of August test-test with Helix and wave changes.	806
251623	9/26	Phila	Rotary spark gap mfgd by the Marconi Wireless Telegraph Co. fwds comments on inspection and test of.	898
252426	10/2	To Prof G. E. Hale T	By has instructed M. Is. to permit use of San Pedro Station for Hyders test. W To A. Is. --- (T) Auth use of San Pedro. 10/2	

101W

TESTS: RADIO: 903

Number.	Date.	From or To—	Subject.	
252924	10/3	Radio Test Shop	1 kw radio set for the TAVERNILLA furnished by E. A. Simon; fwsd report on test.	727
254215	10/11	To Com Supt NY	Add'l test schedule for New Brunswick. New Brunswick commenced test with Towns Oct 10 10/8	trans.W
254556	10/10 10/12	Sayville Communications	Comparative receiving test between Sayville and New London; states Sayville receiving more tests and are more accurate; further tests will be made upon completion of new antenna at New London.	
254648	10-3	Radio Test Shop	De Forest an Sperry Co's 1/2 kw aeroplane transmitter generators; submits report on test.	918
254823	10-15	Pearl Harbor T	Reports final test completed successfully rec acceptance, subject to successful welding of arc chamber.	852
244473	10-13	To E. J. Simon	Fwsd copies of report of test of panel radio set, received from Wash Dc.	876
256225	10-17	Wash	E. J. Simon aeroplane radio receivers; submits report of test.	918
256773	10-24	E J Simon	Special Lubilier aeroplane condenser; fwsd copy of report of test made by Lubilier Condenser Co	882-1
256663	10-23	A. L. Franken field	Reports test of his means for increasing radiation of wireless station.	876

1917

TRANS: R. D. C.

Number.	Date.	From or To—	Subject.	
✓ 239214	7-17	Communication	States tele. ran used in making reports of station test too long; gives designation and suggests designation to be used.	
✓ 240206	7/23	Dr. L. W. Austin	Fwds report on test to determine resonance in high frequency circuits; states scheme can be used for checking wave lengths of distance stations and calibrating stations, receiving circuits, condensers, etc. W To ships—quotes report, etc.	
240160	7-23	NY	Reports on study of radiation and oscillating receivers and recommends further experiments in connection with using for detecting receiving stations and locating by direction finders. 898	
240133	7-24	Pearl Harbor copy	Radio acceptance test will be resumed July 24th.	852
240385	8/11	Communications	Test that John Hays Hammond, Jr. permitted to continue test of secrecy, non-interference, etc. devices, at radio laboratory, Bu Standards.	908
243230	8-11	Fed Tel Co.	Cable and Pearl Harbor: reports on test relative to helix house.	805
243779	8-14	Connecticut Tel. Co. T	States test apparently satis: states accident to generator will postpone completion for about 2 weeks.	918
243737	8/11	Phila	Marconi radio compass, contract 25141; fws report on acceptance test of.	919

DATE: RADIO

4-3381

TESTS: RADIO.

Number.	Date.	From or To—	Subject.
227566		SEE CARD 29	
		To GE Co.—Fwds data on tests. 5/15	New Orleans T 5/21 Great Lakes T 5/21
		To San Diego—(T) Instrns. 5/14	Darien T 5/21 Alexanderson T 5/21
		To Prof. A.L. Anderson—(T) 5/25	To M. Is.—(T) 5/21
		To Darien—(T) Instrns. 5/25	To Dr. Alexanderson—5/21 (T)
		To Greenville—(T) Instrns. 5/25	Great Lakes T to Wash. 5/22 Darien T 5/22
		To Dr. Alexanderson—5/28	To Dr. Alexanderson—5/22
		GE Co fwds comparative measurements of test 7 28	Darien (T) 5/24 W
		To New Brunswick—7/31	New ORLEANS (T) 5/23 W
		To Prof. Alexanderson—8/2	To Dr. Alexanderson—(T) 5/23
		New Brunswick fwds report on experimental work 8/1	New Orleans T 5/24 Great Lakes T 5/24
		To Capt D.W. Todd—8/14	Great Lakes (T) 5/25 Darien (T) 5/25
			New Orleans (T) 5/25
			To Dr. Alexanderson—Reqt info of motor input for each day of test so far. W
			Darien 5/27 T Great Lakes T 5/27
			New Orleans T 5-27 Great Lakes T 5-26
			New Orleans 5/16
			E. E. Alexanderson (T) request action 5/28
			To Dr. Alexanderson—(T) 5/25
			New Orleans - 5/28 W (T)
			Great Lakes 5/28 (T) W
			Darien (T) 5/28 W
			To Radio—Instrns. 5/29
			To New OrL—5/29
			To Grt Lakes—5/29
			To GE Co—Re modification of instrns relative to tests. 5/29
			To Dr. Alexanderson—5/29
			To Darien—(T) 5/29
			To Dr. Alexanderson—(T) 6/1
			To Dr. Alexanderson—6/2 (T)
			To Dr. Alexanderson—6/5
			To GE Co—6/7
			To Dr. Alexanderson—(T) 6/7
			To Dr. Alexanderson—(T) 6/8
			To GE Co—(T) 6/8
			To Dr. Alexanderson. 6/9
			To Wash—Instrns. 6/12
			To Dept—Communication—C/12

TESTS: RADIO. 903

Number.	Date.	From or To—	Subject.	
234485	6/3	Wash	Reports on high frequency variable resistance for use in radio test work.K To—Comments on 5/29	
234867	6/21	To G.E.Co T	Sample transmitter arrived Wash Yard. Can test Monday or other day next week. W (Cross) G.E.Co states representatives will be in Wash 25th to demonstrate 5/22	
235413	6/25	E.F.W.Alexanderson	Relative to wave lengths for test on Paris schedule.W To—via New Brunswick—Gives info reqd. 1/27	
235855	6/28	To Radio. Va	Directs daily test schedule now being maintained be discontinued. W	
235902	6/28	To Darien T	Discontinue receiving test schedule with Arlington. W	
238092	7/12	To CHICAGO Flag Submarine Base 8/9	Special Radio test. Fwds copy of instrns to Radio. W To Radi.—Instrns. 7/12 To—[unclear] [unclear] work. 6/5 Dr. [unclear] [unclear] witness radio test instead of Mr. Clark.	
239782	7-16	To New London Sub Base.		875

TESTS: RADIO.

1916

Number.	Date.	From or To	Subject.
189066		CARD 27	Darien detailed report 11/17 Bost detailed report 11/25
✓ 207184		Fwd Bu standards--For comment. 12/27RB 1-3 To New Orl via Comdt--Instrns retuning wave. 12/19 To 5 Stations--Directs retune wave lengths. 12/19 (T) To Darien--Wave meter will be shipt Jan 1st. 12/15 12/4 To Radio Stations (7) T Directs retune working wave length and rept. W To Dist Com Supt Bost via Bost-- Bu standards measurements will be made each week. 12/13 Fwd Bu Standards--12/13 RB 12-15	Darien (R) rept Bu Standards measurements 12-4 To Darien--(T) Calling wave 3940 meters. 12/6 To Great Lakes--Wave length should be calibrated as found necessary from Bu stand measure. 12/6 Rept rec fort test of apparatus. 150 day test. Directs particular care to certain items. 850
✓ 207207		12-4 To M. 18	
210758	1/6	To Annapolis T	Directs listen on 500 meters today for spark signals, take audibilities and report results. W Nav Acad (R) reports 1-6 To--(T) Directs listen in 3 P.M. 1/8 Nav Acad (T) T 1-8
✓ 211520	1-11	Bost	Cutting and Washington radio transmitter; submits report on test; fwsd photographs. W

TESTS, RADIO 903

Number.	Date.	From or To—	Subject.
211371	1/11	To Great Lakes To Chas.	Gives length of Sunday wave length test. Directs return and report. W
214195	2/10	To M. Is.	Radio Installation, San Diego. When station ready for 30 days test. Bu directs notify Bu. and Bureau will auth tests as outlined. W To Fed Co—Fwds copy of above instrns. Directs inform Bu and M. Is. when tests are ready. 2/10 To Pac Coast Supt—Fwds copy of instrns. 2/10 To Great Lakes—Fwds copy of letter to M. Is. with instrns. 2/10 To Darien—Fwds copy of instrns. and directs inform Bu daily audibilities. 2/10
221408	4/7	To Stations T	Directs discontinue Sunday routine radio tests. W
227566	5/12	To GE Co. CARD 30 Great Lakes (T) 5/18 New Orleans (T) 5/18 Darien (T) 5/19 To GE Co—re test. 5/16 To R.A. Alexanderson—(T) Re test of apparatus. 5/17 (T) To direct telegraphic report each day re New Brunswick Station. 5/18 Great Lakes (T) 5/20 New Orleans (T) 5/20 Darien (T) 5/20 Darien (T) 5/19 New Orleans (T) 5/19 Great Lakes 5/19 To Prof. Alexanderson—(T) Re tests at New Brunswick. 5/19	Test of transmitting equipment at Marconi High Power Station. Gives test schedule established. W To Bu Standards, Grt Lakes, New Orli—Instrns re carrying on tests. 5/12 Darien T test not heard. 5/14 To Darien—(T) Instrns re listening in. 5/12 Great Lakes T. 5/15 33 Co request instructions as to whom to address in connection with test 5/14 Darien T 5/16 M. Is T 5/16 Alexanderson T 5/16 Great Lakes T 5/16 New Orleans T 5/17 To—(T) No signals report special test May 14. 5/15 Darien R 5/17 Great Lakes T 5/17

TESTS: RADIO.

1916

Number.	Date.	From or To—	Subject.
198228	9-2	To Yards. (T)	Gives schedules for tests. W Key West 9-3 Chas (R) gives radiation used 9/6
198621	9-7	To Atl Flt.	Directs comparative tests of 10 K.W. and 5 K.W. spark radio sets to obtain data on efficiency of for BS battle radio stations. W Atl Flt Bu letter not received by C-in-C until Nov 21st; believes test conducted at NY Yd in Oct 1916 furnished Bu with data desired 11/21
198231	9-8	To Yards. (R)	Gives schedule of tests. W Chasn (R) 9-11. New Orleans unable to carry out test (R) 9-12.
		To Darien (R) Repeat Sunday Tests. 9/22	To-- (T) Repeat test of "Wednesday 9/12" Darien (R) 9-15 Darien 9-18 (R) To Darien-- (R) Sunday's schedule. 9/16
199213	9-9	Bost Supt	Tests for establishing possibility of trans- mitting multiple radio signals from same arc set by 2 working waves from one arc trans- mitter; fwds sketches of arrgt of app antennas, etc. W To--Comments on.
199357	9-14	To Bost-Great Lks. (R)	Gives schedule for tests. W
200527	9/29	To Yards	Gives Schedules for tests. W San Fr. n rect be sub for M. Is 10-16
201327	10-5	At Flt	Comparative test of 5 and 10 kw spark sets; PENNA and WYO; fwds report. W

TESTS: RADIO. 903

Number.	Date.	From or To—	Subject.
201640	10-1	Bu Standards	Audibility measuring, lengths and test; future reports will be obtained by nonresonance method of tuning. W
202340	10/16	Darien R	Special tests; fwds results. W
202589	7/25	Radio Aide B. F. Miesner	Fwds report on test of high frequency, variable resistance for use in radio test work. W To Wash—Fwds report of Recommendations in should be followed. 10/17 RB 10-21
203287	9/30	Atl Flt	PENNA & WYOMING; radio spark sets; data on sheets on. W
203687	10-27	Simon, EJ T	Conducting radio test Garden City 4 PM Oct 27; request N wport, Bost, Washn listen in. W To Phila—Directs listen in. 10/27 (T) To—Phila and Wash heard no signals. 10/30
203838	10-28	Austin, Dr LW	German radio stations Nauenz and Eilvesse; quantitative measurements of signals. W
205973	11-15	Fed Tel Co	Resume of tests are apparatus; also reports on use of Kolster direction finder as transmitter. W. To—Acknowledges receipt of report. 11/28
206396	11-21 11-23	Surg. E. Thompson Director EC	Request authority conduct tests with Gun- nison for fluid for arc sets, booster for audion. W Fwd Wash—Auth work. 12/1 To E. Thompson—Work auth. 12/1

1916

TESTS: RADIO.

Number.	Date.	From or To—	Subject.	
186419	5/3	To Wash	Directs one filter type ultraudion control cabinet and storage battery be forwarded to Western Elec Co for test	876
186946	5/5	NY	Fire Island requires portable mast to make test in connection with radio compass	812
186395	5/6	To Atl Flt	Bu has requested shipment of bulbs to WYO from Wash; reqt test be made of	876
187167	5/7	TENNESSEE	Reports on radio and tests between vessel and San Juan and Darien	835
188808	5/24	Mignon Wireless Corp	Request test of radio signalling receiving cabinet that will receive damped and undamped waves	898
		M. Is 11-18 Darien 11-25 New Orleans 11-14 Bost 11-14 San Juan 11-11 (R) NO 11-14 (R) Darien 11-11 (R)	M. Is (T) 11-10 Key West 11-7 San Juan 11-14 Chasn (R) 11-7 To New Orleans--Fwds copy of Arlington 11-1 Key West (T) no improv 11-6	11-14 5/27. 11/6
189066	5/27	To Yds & Canal Zone To Bost—Comments on report of test. 10/31 To Aero Sta—Directs experiments on be expedited. 10/31	Directs tests for improvement in arc radio apparatus. W San Juan no apparatus to carry on test Guantanamo reports on 7/31 Bost summarizes test 10-26 To San Juan via NY—Reqt test be expedited. 10/31	813 CARD 29 10/31
191673	6-24	TO Norf & PENNA	Directs comparison of 10 kw of the PENNA with 5 kw on one of the BS	876
193277	7/6	At Com Sys	Reports experiments with new receiving apparatus consisting telephone relay and Edison phonograph; Sayville Radio Station	855

TESTS: RADIO. 903

Number.	Date.	From or To--	Subject.	
194077	7/12	Bost Supt	Recommends test between Bost and Wash stations to determine efficient wave lengths for communication between.W	
194406	7-24	To Bost.	Wds copy Bu Standards' report on audibility test between Bost and Wash; directs test be repeated on Thursday. W Communication Office results 7/24 To Bost--Gives readings taking. 8/4	
194479	7-24 ²⁵	To Key West.	Gives schedule of tests. W To--(R) Report Tuesday's test Wednesday. 7.25	
195666	7/25	Atl Flt	Report of Board on test of short range radio sets using telephone sets as telegraph sets 902	
196572	†	At Flt	Request audibility test by Bureau Standards and various BS on (R) measurements will be taken by Bu Standards. 8/16 To--(R) Tests not heard today; will test again on 20th. 8/16 At Flt (E) BIRMINGHAM test begins Aug 20 8-18 To Atl Flt--(R) Gives audibility. 8/17 To Atl Flt--(R) Unable test Sunday; recommend day next week. 8/18 To -- (R) 8-21 To -- (R) 8-18 To -- (R) 8-21 Bu Standards 8-22 To Supt. quotes report 8-23 WFO 8-28	
197626	8/24	C&R	50' steamer 1621 assigned for testing radio apparatus, Norfolk Yd	611-1

916

TESTS:

Number.	Date.	From or To--	Subject.	
✓ 187926	?	Bureau Standards, Radio Laboratory	Determination of energy in antennae for unit audibility with oscillating audion detector; tests to determine. W	
✓ 187916	4-27	Herndon, ER	Request permission to test his system of sending messages by radio thru the ground, with Arlington, W To--Directs test with Wash Yd. 5/17 To Wash--Instructs re test of, 5/17 Herndon will make test 5-19	
188012	5/16	To Atl Sub Flo	Underwater radio experiments; directs experiments be made to endeavor to effect radio communication between submerged submarines; asks which boat will make tests	907
188469	5/20	Darlen R	Reqt authority to experiment with Hydrogen gas for use in arc chamber	851
194077	7-20	To Host Radio Supt. (R)	Gives schedule of test. W	

TESTS; RADIO:

Number.	Date.	From or To—	Subject.	
178819	2-11	To Marconi Wireless Co.	Arlington will transmit Sunday. W To--(R) Ditto. 2/17	
179240	2/16	To Atl & Pac Sub Flo's	SUBS; have requested shipment of radio audion receiving apparatus for; reqt report on after thorough trial	898
179258	2-8	At Flt	Establishes schedule for tests on ships equipped with arcs. W To--Reqt report showing radiation used at each of arc radio test. 2/19	
180018	2-25	To Marconi Wireless Co	Arlington will transmit Sunday. W To--(3) Test message sent Sunday 6,000 meters instead of 5750. W 2/26 To--will transmit Sunday. 3/4 To--ditto. 3/10	
181139	2-28	at Fleet	Compilation of arc tests held by WYOMING with shore stations. RB 4/3 via Rad Ser--Submits above. 3/13	
181291	3-8	Cramps Co	Further results of test on Experimental apparatus on PORTER. W	
181637	3-5	UTAH	Reports on arc radio tests with other BS of fleet. W UTAH submits report 3-12 Utah 3-19 Utah 3-26 Utah 4-2	
182383	3-9	Spanish Embassy	Request test of a Cymanograph at Arlington or Sayville. W	
Dept test indefinitely postponed 4-15			Reqd test. Status to Bu to arrange a test on Sunday April 16th. 3/29 Dept copy of letter to Dept State 3-29 Operations arrangements made 4/4	

TESTS: RADIO. 903

Number.	Date.	From or To—	Subject.	
182633	3-25	Fed Tel Co T	Asks if can arrange radio test Darien transmitting Honolulu, 10,000 meters. W To--(T) Gives schedule. 3/25 To Darien--(R) Ditto. 3/25 Darien reports (T) 3-27 Darien (R) 3-28 Fed Co 3-28 (T) To--(T) Monday test 79 ar. circs. 3/28 To Darien--Quotes tel from Fed Co on results of test of ar. 27-28. 3/29 To Fed Tel--(T) Gives radiation. 3/29	
185441	4-21	At Flt	Have directed TENNESSEE to carry on tests Sunday to test out arcs on various ships. W	
185690	4-21	At Flt	Fwds results of test ships 15 kw arc sets with shore stations. W	
185775	4-21	Cutting & Washington To--Offers add test. 7/15 To Bost--Directs inspect apparatus under manuf. 5/17 Cutting & Washn 5-19 Cutting & Washn 5-22 NY no results recom F.I. contin Bost report on 6-10 4/26 To Phila	Request NY be given permission to listen in while making test of aeroplane transmitting set. W Cutter & Washn 6-9 To--Bu will cooperate with. 5/2 Co gives description 5-5 25 To--Directs listen for signals. 5/17 25 To--NY--Listen for test. 5/17 To--No signals rec'd by NY. 6/7 Bu has directed manuf of 25 receiver transfer switches at Wash, asks if yard can spare detector relay for test at Wash	
185516	4/26	To Phila		876
186650	4/29	Clark, G. H.	Telegraphones: prices submitted by the Telegraphone Co; recommends purchase of instrument for test	909

TESTS: RADIO

Number.	Date.	From or To—	Subject.	
✓ 169476	10-23	Supt Radio Bost	Annual tests; reports interference with business.W	
171628	11/15	NY Radio Sta	Reqt instructions relative to schedule of test; instructions not understood.W Fwd Rad Ser--Not informed as to instructions. 11/20	
✓ 172885	11-30	Phila Crampe Company	Fwds report on submerged wireless test at Company with apparatus furnished for Coningham. W Phila fws further 12-7 Phila 1-6	
173252	12/7	To Chas and San Juan R	SAN JUAN RADIO; gives schedule to be conducted after arc set is installed	835
✓ 173471	11-29 12-9	Featherstone, J.A. Ord	Reports on effect of high frequency oscillations from arc transmitters on metals in vicinity Reqt test to determine if danger of firing elec detonators and primers used on guns in service.W Ord copy of letter to Lt Col Washn Yd 12-15 Fwd Ord 12/14	
✓ 174363	12/15	Guantanamo	Reports on tests at station, Dec. 5th and 6th; states at times arc appears to bubble.W	
✓ 175976	1-6 1-11	Faulk, H.L. San- NY	Reqt permission to utilize aerial at New Orleans for testing. W Fwd New Orleans--Auth conduct tests. 1/18 To Falk--Take up with New Orleans. 1/18	
171682	11/19	To Phila	Radio antennae for TEDS; reqt report and recommendation to reduce the rolling tendency; desire use minimum weight of radio antennae possible without reducing radio efficiency	875

903 TESTS: RADIO:

Number.	Date.	From or To--	Subject.
✓ 176011	1-12	To Aeronautics.	Aeroplace radio equipment; have recd shipment of four aero radio sets to Pensacola for use of the Aero service; gives instructions re installation; have recd New Orleans to detail Radio Gunner W.C. Bean to Pensacola to conduct experiments with sets. W To New Orleans--Re detail of Bean. 1/12 To S&A - Req for shipment. 1/12
✓ 176261	1-11 1-14	Wireless Spec App Co Boston Office Supt Radio	Req that they be allowed to test out experimental apparatus at Bost yd at various times. W Fwd Rad Ser--No objection to. 1/15 SRS 1-17
176375	1-15	Pacific Reserve Fleet	Reports loading test carried out Pug Sd. W
✓ 177111	1-24	Crampa	Tests on radio apparatus used underwater to detect presence of submarine craft; fwrds reports on as carried on with radio apparatus of CONVOY 111 W To Det via Sub Flo-C&R--Comments on. 2/5 RB 3/20 To--Will give consideration. 2/5 Phila (n) asks if vessel is to be held for tests of antennas 2/14
✓ 177537	1-26	To Mr. Clifden. (Marconi Radio Sta Nova Scotia)	Will transmit continuous Sunday; arrangement test schedules land wire satis. To--(R) Gives schedule. 2/5
✓ 178183	2-5	To War Dept.	States Bu has furnished Coast Artillery School with 25 copies of "Testing Instructions" as requested. W To-Coast Artiller--Fwrds copies. 2/28
178183	1-25	Coast Art School	Request 25 copies of Testing Instructions. W

TESTS: RADIO

1915

Number.	Date.	From or To--	Subject.	
156931	6-2	Pug. Sd	Radio observations for British Assoc. W	
155762	6-3	NY	FOREIGN SHIPS & STATIONS: Guatamela radio set; copies of cores and reports of tests	861
159435	6/26	At Flt	Radio direction finder; strategical problem emphasizes need of securing	898
159314	6/2	At Flt	Strategical problem No. 1: radio communication; reports on	495
159622	6-30	Pug. Sd	Radio observations for British Assoc. W	
163438	8-5	Lowenstein F.	Personal: Otulinea test desires to have at NY. W	
164749	9-1	To Yards. See Other Side. To Boat--9/17 To Chas--Boat--NY--Gives test. 9/18 To Ditto 9/21 To Guantaamo--9/24 Boat 9/28 Key West 9/27	Radio test of arc stations. Atlantic Coast: gives schedule of. W Chasn Supt and Bu instructions vary 9-10 To Chas--9/14 To Great Lakes--9/17 To WYCKING-- Substitute NEW YORK for Key West in radio tests. 9/15 Tests with arc apparatus; suggested arrest. W Fwd Key Style Great Lakes--Arrange for test. 9/16 HB 10/11	
165658	9-10	Great Lakes Train Sta		
165703	9-9	To New Orleans-Chas. R	Gives results of Thursday's tests. W	
165771	9-14	Crenshaw T	Rec test: Darlen transmitter will not be ready for test until Wednesday. W	
168254	10-12	To Pac Ct Rad Supt & New Orleans. (T)	Directs establish daily radio schedule. W	

TESTS. RADIO. 903

Number.	Date.	From or To—	Subject.
165938	9-15	Guantanamo T	Reports tests carried out as per schedule 18 kw; reports commutator trouble; recommends against transmitter tests. W To--(R) Gives probable troubles of. 9/16
165749	9-16	To Boat. (R)	Result radio test Thursday; gives. W
166294	9/19	Pac Flt (R)	Reports on arc signals read. W
166267	9/20	At Flt	Reports on arc signals read. W
164749		See Other Side	Great Lakes-week ending Sept. 25. Ports 9-15 WYOMING 9/26 BU STANDARDS 9/26 SAN DIEGO 9/26 To Guantanamo--(R) 10/1 9-30 At Fleet 10-1 Great Lakes 10-2 Chasn 10-2 Pac Flt 9-27 To Chasn-- 10/2 Pg. 34 9-27 Bu Standares, Key West 10-3 Washn 10-2 New Orleans 10-8 Guantanamo 10-1 Chasn 10-15 TO Guan 10-16 (R) To New Orleans-- 4/19 To Atl Flt--Continue tests 5/27
166814	9-28 10-5	To Yards-Stations-Flts. San Diego T To Darien-(R) Gives wave lengths. 2/17	Weekly test continuous oscillation radio stations. W Bu letter received 10-5. To Darien--(R) Gives wave lengths. 2/7 Darien (R) 2-10 Darien 2-14 (R)

1915

TESTS: RADIO.

Number.	Date.	From or To—	Subject.	
144487	1/14	To NY	Regt representative be detailed to confer with Inspector of Lighthouse District at Thompkinsville with a view to arranging tests of installation on Ambrose Channel Light-Vessel	812
144983	1/19	Dept	Arc type radio apparatus; sums up excellent results SAN DIEGO and WEST VIRGINIA and Arlington; directs number of sets be procured for armored cruisers and vessels on distant service; also WYOMING & NEW YORK be completed prior to sailing of fleet	876
145313	1/12	NY	Fire Island Radio Station; relative to arrgts for test of Fire Island with Ambrose Channel light ship for fog signals	812
145430	1-19	Pug.Sd	Radio observations for British Society. W	
146875	2/10	Hepburn T	Sayville; make arrgt for test with Tesla coil	891
147242	1-12	Olongapo	Relative to conducting test with Marconi Sta at San Fran and Anha.V	
148452	2-24	Pug Sd R	Observations for British Society. W	
143600	1-26	To Yards.	Fwds proposed plan for co-ordination of radio development at yards.	876
149429	3-10	Norrf	Have no facilities for carrying out antennae experiments; recommends other experimental work be assigned. W	
	To-- NY	recd expedite.5/1	To--Comments on; authorizes to manuf spark gaps. 3/18/ Norrf lists apparatus recd 4-29	
			Fwd NY-- 5/1 RB 5/17 Fwd Norrf--5/19 RB 5/18	

TESTS: RADIO. 903

Number.	Date.	From or To--	Subject.
150246	3-15	Pug.Sd	Report of observations for British society
151195	3/31	NY	Report of test on measuring distance by means of radio signals in connection with whistle and submarine bell signals: test between Fire Island and Light Vessel 68 812
151659	4/2	Dept State	Re-arrgt forttest radio station in Guatemala 891
152657	4-13	Pug.Sd	Report of observations for British society. W
✓ 153611	4-27	Harvard University	Reqt cooperation Newport station for making test. To--Take up with Newport. 5/3 To Newport-- Qwds above. 5/3
154421	5-3	Pug.Sd	Observations for British society
154687	5-12	To Supt Radio.	Western Elec Co demonstrating certain improved radio apparatus. (Copies retained by "W" division) Fwd Nav Intel-- 5/14
154900	5-12	Washn Yd Norf 6-8	To Nav Intel--Gives data reqtd by Paris. 6/7 Test of wireless controlled aerial torpedo: reqt loan of Coherers. W To--Apparatus obsolete; will make inquiry at other yards if it is available. 5/17 To Post-M. Is--Norf--Re above. 5/17 Post 5-22 M. Is 5-23 To M. Is--ADLvs est for repair to. 6/5 To S&A-- Reqt for shipment. 5/7
156273	5/29	To M Is	Experimental work with radio arc set: directs investigation of the magnetic saturation of the field arc set

1914

TESTS: RADIO.

Number.	Date.	From or To--	Subject.
✓ 125435	5/21	To E. E. Meyer	Please furnish Bureau with schedule and wave lengths transmitted by the Tuckerton radio station, that Bureau may make observations on their signals.W
125554	5/22	N.Acad.	Reports on radio tests between Annapolis and Army Portable set at Laurel, Md. W
127195	6/9	Chas.	Fwds observations for British Asso. for advance of science.W
127655	6/12	Pug.Sd. 17243	Fwds radio observation from British Asso. for advancement of science.W
✓ 128769	6-30	Sawyer, E.W. T	Reports on test arrgts New Castle, N.B. W
129224	7-3	Chasn	for Fwds observations of British Assoc. for Advancement of Science.W To---ack receipt. 7/10.
129200	7-3	Pug.Sd	ditto
✓ 131149	7-27 7-28	Tuckerton Radio Sta Supt Radio	Ellyesa station: results of tests with: will visit Washington re poor results with tone wheel. E Retd Supt Radio 7/30

TESTS: RADIO. 903

Number.	Date.	From or To—	Subject.
131917	8-8	Chasn	Observations for British Assoc Science. W
131926	8-5	Pug. Sd	ditto
132819	-19	Pug. Sd	ditto
133859	9-4	Chasn	ditto British thanks 9-18
✓ 135601	9-5 9-24	British Assoc Adv Science Pug. Sd	Fwd blanks for further reports; Pug. Sd reqt additional operator if r ports to be continued. W. 10/2 Fwd R.S. -- 10/2 To PG -- Comments. 10/2
136578	10-7	Chasn	Observations for British Assoc. W
133941	11-14	Pug. Sd	Fwd above
140555	11-27	To Hawaii. Cavite.	Reqt report on reception of signals from San Francisco and interference from Marconi station on Cebu. W Hawaii reports 12-14 Fwd Rad Ser -- 12/29
✓ 142878	12-19 12-23	Nat Elec Sig Co. Supt Radio	Test between Bost and Brook; reqt authority for representative to make certain measure- ments, etc Bost station. W Fwd Rad Ser -- 30 has no objection. 1/2
(See below)		Co reqt action 1-12	
142992	12-19	Pug. Sd	Observations for British Assoc. W
142878	1-20	To Nat Elec Co	Test will be made at Bost To Bost -- Authorizes test. 1/20 RB 9/25

TESTS: RADIO.

1913

Number.	Date.	From or To—	Subject.
✓ 113890	12-29	Radio Elec Co	Receiver has been received.W
1914			
✓ 114072	12-30	At Flt	Kite experiments in Mexican waters; fnds sketch and gives results obtained.W
114836	1-13	Clark, G.H. H	Suggests test Counterpoise An Standards Tuesday night. W
✓ 115760	1-22	Galletti	Gives wave length, etc for test with Arlington.W
✓ 117386	1-28	Universal Radio Syndicate	Reqt arrgts for test with Arlington.W. To---requirements.2/11.
✓ 117790	2-17	Austin, L.W.	Goldschmidt Radio Stations: Hanover, Germany: Reports test with by Arlington: was heard Feb 5 and 13. W
✓ 117878	2-5 2-14 2-17	State Dept Supt Radio Dept	Galletti system; directs arrgt be made for test between station at Leschaux, France.W Fnd Jupt Radio 2/16 Ret Dept. 2/25.
✓ 118888	3/2	Fed Tel Co	Reports results of Honolulu, South City test March 1st; and schedule for next test 851

TESTS: RADIO: 903

Number.	Date.	From or To—	Subject.	
120316	3-18	Norf R	Photos of test made by Partridge not complete.W	
120290	3/19	Austin, Fr. L. W.	Synopsis of tests between Laboratory and Wash. Jan and Feb.	897
120271	3/10	At Flt	Reports on test portable sets	897
120316	3/18	To Norf. R	Inform Clark Partridge requests payment on contract for photographs for certain deliveries. Asks if can certify these deliveries.W (H) to --- Partridge claims del. completed to extent of bill submitted. 3/19. To Washn. fws corras. for certification by Elec. in Charge. 3/20. Clark further re 3-19	
120747	3/24	At Flt	Submits report on radio operations during European cruise; gives result of tests carried on.	493
120952	3/28	To Pug/Sd. & Chas.	Fws set of forms published by British Asso. for Advancement of Science for use in the tabulation of observations re radio trans-mission. Instructions.W Chasn recommends be taken at Chasn instead of Jupiter 3-21 To Chas. taking observations at Chas. app. 4/3. Pug. Sd. reqt authority to use certain instruments for making observations Fwd Nav. rec. appr. 4/15.	-10
125429	5/21	To Nav Acad R	Listen for Army portable radio set at Laurel, Md.W	

TESTS: RADIO

1913

Number.	Date.	From or To--	Subject.	
✓ 108883	10-23	At. Flt	Re schedule for tests with Arlington during return run to Europe. W	
108556	10/22	At. Flt	Med. Cruise. finds copy of instruction covering radio work including schedule.	914
✓ 109274	11/1	Radio Electric Co. of Canada Société Française Télétrique	Unable to submit tender for 10 wireless receiving sets in time. Have ordered set shipped from French factory and asks that Bu. have same tested. W To-- Set returned; below Naval Standard. 11/3	
Company states receiver set have been damaged during transportation 11-10 (T) to Radio El. Co. new tests not advisable. 11/1			Company (T) reqt. Bu. hold instrument 11-6 Company reqt. be shipped to Montreal. 11-12 Radio El. Co. of Canada request shipping instructions. 11/12	
✓ 110063	11-7	ALLEN	Reqt. box kites, and wire for conducting test to determine increasing radius of TBDS. W To-- via At. Tor. Flg. not desired to repeat experiments. Bu. will publish results of, and furnish. 11/13	
✓ 110214	11/13	To NY	Test of received signals from NO. DAPOTA. Orders have been requested for Veneratti to proceed Italia in connection with test. W	
✓ 110285	11/13	To NY R	Supt. authorizes test period 40 minutes beginning 3 p.m., between NY, Arlington and Bu. Standards: arr. with "Arcon" material's station. W Directs during last minute each 5 minute period of 3 phase test send five second dashes.	

TESTS: RADIO 903

Number.	Date.	From or To—	Subject.	
✓ 110408	11-15	NY R	Reqt. permission to make 3 phase test NY, Arlington and Bu Standards 2:00 to 4:00 Nov 17. W (R) to—authorized; instructions. 11/15	
✓ 110794	11-18	Radio Elec.Co of Canada BELOW Radio Elec.Co.	Reqt. receiving set be sent to Engrg Works care of SS ONTARIO, Rochester, N.Y. To—has been shipped. 12/1. 12/15. asks if set was returned. W To—arr for shipment has been made. 12/19 To L.P. Siebold. request shipment. 12/19 Siebold reat investigation 12-20 Services Meneratti cannot be spared to continue N. DAKOTA tests. If advisable test between ship and Fire Island. Observer should be detailed from yard force.	BELOW 898
110723	11/18	To NY		
✓ 111016	11/22	To Washn	Radio tests. to be conducted at yard by Dr. Austin May 24th, assisted by electricians from Bu. of Standards. Directs allow work to proceed.	
✓ 112606	11-5	Galletti, R.C.	Reqt arrgt for test between his French sta and Arlington; aerial suspended from cliffs over Phone River. W To—Bu willing to cooperate. 12/16	
112798	12/15	Arlington	Fwds notes on test between ARLINGTON AND Atlantic Fleet.	841
11C794		SEE ABOVE	To L.P. Siebold. Fwds invoice and shipping memorandum. 12/23	

TESTS: RADIO.

1913

Number.	Date.	From or To—	Subject.
✓ 103848	8/16	Dept. 7586-157-3	Forwards corres. from Marine Corps stating that cost of sending test messages via Federal Telegraph Co. to Honolulu exceeds present rate via cable. K
✓ 103905	8-14	San Diego	Reports on signals, Arlington, Poulsen sys. W
104015	8-15	San Diego	ditto
104142	8-20	Colon	ditto
104202	8-22	Key West R	No signals. W
✓ 104216	8/23	To Colon R	If can install temporary low antenna over roofs without requiring official action part of Bureau take immediate steps to complete same during present tests. W
✓ 104363	8-26	Colon	2000' antennae built in time for test Thursday; are readable to-night. W
✓ 104672	8-30	Colon	Corrects height of temporary aerial for test; gives results. W

TESTS 903

Number.	Date.	From or To—	Subject.	
104683	8/30	To NY	Directs sets of Wireless Imp Co. be not tested to their injury at wave lengths below 500. 875	
✓ 105510	9-12	Colon R	Reqt. permission to take down temporary antennae used during Arlington Test. W To Colon (R) take down 9-12	
✓ 105559	9-2	Meneratti, H. J., C. Elec.	Submits report from Colon on test with Paulsen system from Arlington; was sketch showing temporary antennae used. W	
✓ 106009	9-17	Austin, Dr. L. W.	Reports on tests carried on between Arlington and Colon July and Aug. W	
✓ 106959	9-18 9-29	Naval Attache, London Nav Intel	Poulsen experiments at Arlington; reqt. status of. W Ref Nav Intel. Fwds synopsis. 10/6	
✓ 107143	10-1 10-4	Radio Elec. Co. of Canada Supt Radio	Offers to have demonstrating test of their system within 10 days. W To---willing to test at NY under usual conditions. 10/7	
✓ 107361	9-19	DENVER	Tests between Colon and ship/ W To---Ack; commenda. 10/14	
107381	10/8	FLORIDA R	Reports on experimental radio installation	875
107716	10/13	Florida. R	Reports on test of experimental apparatus	876

TESTS: RADIO

1913

Number.	Date.	From or To—	Subject.
✓ 101127	6-24 7-9	Naval Attache, Paris Dept	Reports on radio tests between Paris and Washn. W Ret Dept. 8/1.
101557	7-16	Federal Tel. Co. T	Test of Paulsen apparatus on JUPITER; have installed and reqt. authority to have man accompany vessel. W To Dept. Request authority to take men on board. 7/16. 1-10-22
101704	7-16	Boat R	Have heard no signals from Arlington; if test to continue, reqt. ticker be sent. W To -- 3 -- none available, may discontinue and schedule 7/17
101808	7-15	Key West	Paulsen system tests; unable to hear any signals. W To -- W. J. Meneratti has been ordered to assist in test. 7/19
✓ 101892	7/19	To S&A	Request shipment of Federal Tel. Co. receiver Washn yard to Key West. W
✓ 101931	7/21	To S&A	Experimental radio apparatus; request shipment from Washn to Key West. W
102295	5-19 7-5	Federal Tel. Co. Dept 7536-107	Reqd. portion of Govn business to Honolulu in order to test out system. W Fwd S&A. 7/29.
102311	7-24	MICHIGAN	Reports on test of PAULSEN arc system. W

TESTS: RADIO. 903

Number.	Date.	From or To—	Subject.
102496	7/29	To Colon & S&A	Tests of Poulsen arc set at Arlington; Mineratti has been ordered to Colon for duty with tests. Request shipment of apparatus.W
102853	7-29 8-1	Clark, G.H. Washn	Test and experimental work; reqt. authority to employ outside photographer to make necessary photographs, etc.W Washn. will approve recon for 8/5
No No. 102861	8/29 7-29	To Wash. Yd. San Diego	Dept. directs work be held in abeyance 8/29 Reports on Arlington Paulsen test. W
103009	8-4	BAILEY	Submits list of apparatus on board not on charge used during recent test; reqt. instructions re disposition.W To---S&A request shipment to Washn. for Arlington. 8/7
103063	8-2	Mineratti, H.J.	Reports on measurements taken at Key West. in connection test Poulsen sys.W
103146	8/7	To U.S. Despatch Agent, New York	13 cases in New York addressed to Arlington station. Property of Universal Radio Syndicate and not of Government.W
103330	8-28	Helgesen, Hon. H.T.	Reqd. copy of reports on radio experiments.W To---Su has none. 8/11.
103658	8-9	San Diego	Paulsen test; no signals.W
103811	7-10	San Diego	Reports on signals, Paulsen set.W

TESTS: RADIO

Number.	Date.	From or To—	Subject.
✓ 94440	4-8	BaILEY	Dept. authority to return condenser used in test to Naval Laboratory. To---via N.Acad. & S&A. Request shipment. 4/10. S&A 4/17 directings given; gives method of charging. Fwd Wash 4/18 Fwd. BaILEY--4/18. Fwd S&A 4/23 To S&A. reqst shipment. 5/15.
97086	5/12	To Dept	Radio tests in co-operation with British government; calls attention to correspondence had in February. Bureau has received no further information as to any arrangements. W
97770	5-19	Nav. Acad	Tests conducted on BAILEY and STRINGHAM; fnds notes of Lt. Hooper. W
✓ 97915	5-21	Federal Tel. Co. T	Test of Paulsen generator at Arlington; objects to on account of patent situation and reqt; matter be held up. W.
✓ 98036	4-30	Count Area	Personal letter to Dr. Austin relative to test between Hagen, and Arlington; gives results of recent tests by German Govt and comment on commercial firms. W
✓ 98363	5-20 5-24	State Dept Dept	Test with Great Britain; have communicated with British Embassy re definite arrangements. W Fwd Dept. 5/29.
✓ 98386	5-22	Federal Tel. Co.	Gives reasons for objecting to test of Paulsen apparatus at Arlington, for British Government. W To---comments. 5/31.

TES S. RADIO 903

Number.	Date.	From or To—	Subject.	
✓ 99341	5-24 6-10	Naval Attache Paris Nav. Intel	Recd report of French officers on recently in American in connection with prelim. experiments between Paris and Arlington to determine difference in longitude. W Fwd Dept. 6/13.	
99733	6/3	Supt. Pac. Coast Radio Sta	Test between ARLINGTON & Pacific Coast stations. unsatisfactory during week due to heavy interference.	841
✓ 100158	6-5 6-21	American Emb. London Supt. Radio	British Paulson Co. have sent engineer to make test; will remove apparatus from US after tests are completed. W Fwd Nav. Intell. via Supt Radio. with comments. 6/24.	
✓ 100208	6-23	At. Flt	Kite experiments; recommends ships in Mexican waters make. W To--Will furnish Commander of 2d Div. with data. 6/26. To--Fwds copy of report of experiments. SALEM. 6/26.	
✓ 100421	6-27	M. Is	Federal Tel. Co. cannot arrange night schedule for test, gives day schedule arranged. W	1
✓ 100316	6/26	To M. Is. T	Request Federal Co. transmit 20 minutes beginning 4 a.m. and 15 minutes 11 a.m. Washn time. W	
100936	7/7	TO LOUISIANA: MICHIGAN: Colon, Key West, New Orleans, Bost. CL	(Radiogram) Arlington sends Poulsen system on 4000 meters daily except Sunday; gives time. Directs report daily short readings. W To--addtl comment and instructions. 7/10. (R) to Key West, reports important; only one received. 7/12. MICHIGAN-4	

TESTS: RADIO.

1913

Number.	Date.	From or To—	Subject.
90641	2/19	To M. Is.	Charges to "Wireless Experiments." Report of expenditures for Jan. makes charge of \$254.03 to BofV. Ask what experiments consisted of. W 3 9-12 Fwd SAA. Re changing term to "Radio Working Party". 4/25.
91297	2/24 2/27	State Dept. Dept. 12479-621	Trans-Atlantic test; British Govt requests co-operation. Ret Dept. with rec. 3/5.
91418	2/28	Guy Hill	Federal Telegraph Co's Poulsen sets; makes comparisons between results of tests and experiments with apparatus of other companies..
91592	2-26	M. Is	Submits additional data on secret investigation of messages Federal Tel. Co. between Honolulu and San Francisco. W.
91736	2-17 2-27	Honolulu M. Is 2541	Federal telegraph Co. Reports on messages. W.
92293	3-12	M. Is T	Federal Tel. Co. services with Honolulu regular and reliable at night, day com- munication possible under favorable conditions. W
92470	3/14	To Norf. & Phila. R	Instructions for sending signals for test of experimental apparatus at Washn yard. Per 14th. W

TESTS: RADIO: 903

Number.	Date.	From or To—	Subject.
✓ 92728	3-12	M. Is 3139	Federal Telegraph Co. Report on investigation of communication between California and Honolulu: feds test messages sent and received and newspaper showing large amount of work carried on. W.
✓ 92538	3-1	Pac. Flt	Radio communication in Pacific: reports difficulty in raising Point Loma altho communicate via Pt. Arguella: reports COLORADO intercepted message while off Manzanillo being sent from Honolulu. Rt. Dept. Outlines Br. plan for improving: considers report against Pt. Loma not of sufficient importance to change location of station. 3-18
✓ 93194	3-23	At. Flt	Reqt. authority to transfer Ballini Tosi direction finder from BAILEY to Flag Ship for further test. (R) To-auth. 3/24
✓ 93517	3/13 3/25 3/27	Dept of State Supt of Radio Serv. Dept.	British Govt requests cooperation of U.S. in carrying out radio tests across the Atlantic. Rat Dept. Noted. 3/25.
✓ 93606	3/28	To Arlington via Supt of Radio	Desires permission be granted Mr. Theo. R. Lenke, Am rep. of Goldschmidt high frequency system of radio-telegraphy, to carry out tests at Arlington in receiving signals from station at Hanover, Germany Mar. 30 and 31st. W

1912

TESTS: RADIO

Number.	Date.	From or To—	Subject.
82722	11-14	Ports	BAIL Y; report on. Week 11-9. W
83124	11-20	Exp.Sta	Fwds BAILEY report week 11-16. W
84013	11-29	Exp.Sta 1815	We kly report tests: BAILEY. W Fwd NY for reference to Mr Lowenstein. Request comment on par.4.12/3. R.B 12-18 Fwd BAILEY via----. Asks as to sparing transformer for repairs. 12/16. 12-21 to BAILEY thru N. Acad will be taken up on Mr. Lowenstein's return. 12/23.
85029	12-11	Exp.Sta	Weekly report test week 11-2. W
85030	12-11	Exp.Sta	Weekly report test week 12-7. W
85031	12-11	Exp.Sta	ditto week 11-30. W.
85817	12-21	Exp.Sta	Fwds covering BAILEY. W.
			1913
86792	1-4	Exp.Sta	Week ending 12-28, BAILEY. W
86980	1/8	Expr.Sta. 24	BAILEY radio experiments; report for week ending Jan. 4th. W

TESTS: RADIO 903

1913

Number.	Date.	From or To—	Subject.	
87603	1-14	Exp.Sta 62	Week engine Jan 11st; BAILEY.W	
✓ 87998	1-18	Wireless Imp.Co.	Asks that 10 kw quenched gap and resonance transformer be tested on Scout cruisers during Arlington tests.W. To---To Nat.Elec.Sig.Co.Request their desires in the matter.1/20.	
✓ 87912	1/20	To M.Is.	Radio service for official messages from Honolulu to San Francisco. Use of Federal Telegraph Company's radio. in stead of cable. Requests report.W (For Secy's sig.) M.Is. reports failure to carry out 2-B To---request more report.2/18.	
✓ 88254	1-21	Nat.Elec.Sig.Co.	Enters objections to testing apparatus of Wireless Imp.Co. during test Arlington Sta.W. To Wireless Imp.Co.Advises.1/22. To---Ack.1/22.	
88303	1-22	Exp.Sta	BAILEY: experimental work: week engine 1-18.W.	
88859	1-28	Exp.Sta	ditto for.W.	
89815	2/1	At. Flt	Reports on result of radio tests in fleet during Jan.	493
✓ 90443	2/28 2/18	Hawaii Dept.	Fwds corres.re proposed test Federal Telegraph Co's.W	
✓ 90629	2-12	M.Is 1952	Reports on test of Paulson receiving set installed at San Diego by Federal Tel.Co. Favorable. W. To---test submit reogn.2/20.	
90608	1-28	Cavite	Reqt. books, pamphlets, which relate to. W Fwd NY directs furnish.2/19 BB 8 To---Y will furnish when completed.3/8.	

TESTS: WIRELESS.

Number.	Date.	From or To—	Subject.
✓ 75455	8/7	Expr. Sta. 1198	Fwdg STRINGHAM'S report on radio tests for week ending July 27th covering Bellini-Tosi direction finder. W
✓ 75454	8/7	Expr. Sta. 272	Fwdg STRINGHAM'S report on aeroplane radio tests. W Fwd. Capt. Chambers, Navgn. E/12.
75669	8/12	Expr. Sta. 1215	Fwdg STRINGHAM'S weekly report on wireless tests of Bellini-Tosi direction finder. W To-Bailey via Tor. Group. req wave length 10/12
76225	8/19	Expr. Sta. 1253	BAILEY; reports no radio test during week. W
76854	8/27	Expr. Sta.	No wireless tests during week due to absence of STRINGHAM. W
✓ 76853	8/26 8/27	STRINGHAM Expr. Sta.	Reports on distance radio set between STRINGHAM and BAILEY. W 180 miles with 40-ft. aerial; 300 with 60-ft aerial. W
76962	8/26 8/28	BAILEY Expr. Sta.	Radio tests; non held due to absence of of STRINGHAM. W

TESTS, WIRELESS: 903

1912

Number.	Date.	From or To—	Subject.
78017	9-12	Exp.Sta	Fwds BAILEY'S report on. W
78018	9-12	Exp.Sta	Fwds STRINGHAM'S report on. W
78432	9-19	Exo.Sta 1400	Fwds report week ending 9-14; BAILEY. W
79090	9-26	Exp.Sta 1436	Weekly report; Bellini-Tosi direction finder. W
✓ 79972	9/27	To Wa. h	Asks if TALBOT is available for test of a low-power radio set.
79657	10-2 10-2	BAILEY; Exp.Sta	Weekly report; no work done. W
79973	10-9	Exp.Sta	BAILEY; no work done. W
✓ 80779	10-22	Exp.Sta	Bellini-Tosi direction finder; wave length used during test 600 meters. W
80871	10-22	Exp.Sta	Week ending 10-19; BAILEY. W
80872	10-22	Exp.Sta	Week ending 10-12. BAILEY. W
81604	11-1	Exp.Sta	Weekly report. BAILEY. W Fwd Jarvis for information 11/5 RB 11. 9 Ret---11/11. RB 11-18

TESTS; WIRELESS.

Number.	Date.	From or To—	Subject.	
✓ 70694	6/8	To At.Flt. W	By conducting experiments on Potomac. Directs use reduced power.W	
✓ 70917	6/11	To Dept.	Asks when Submarines E-1, E-2, C-4 and C-5 will be available for tests of the R radio outfits in conn. with STRINGHAM and BAILEY.W Fwd Dept. status of tests. 6/15 R.B.7 H And gave orders for officers. 7-18 And Sept 7-18 BLRE 7-20	
✓ 71343	6-10	Exo.Sta	Weekly report. W	
✓ 71696	6-18 6-20	BAILEY Exp.Sta	Experiments with kites.W	
✓ 71702	6-20	Exp.Sta	Weekly report.W.	
✓ 71890	6-20	NY Radio Sta	Reports on tests with radio-laboratory at Washington. W	
72025	6/25	To NY	Bellini-Tosi app: upon completion of antenna and fittings, directs prepare for shipment to Expr.Sta. for test by STRINGHAM and BAILEY. 898	
72428	6/28	NY	Reports on test of transformer and 10 kw enclosed spark gap furnished by Wireless Imp. Co. for test.	898
✓ 73841	7/17	G.H. Clark	Reports on, made on the WAVEFLOWER to determine effect of grounding of metallic rigging in connection with sending and receiving of messages.W	

TESTS: WIRELESS. 903

1912

Number.	Date.	From or To—	Subject.
74019	7/20	Expr. Sta.	Reports on aeroplane radio tests, week ending July 13th. W
74110	7/22	Expr. Sta. 1114	Sounding machine: asks if kite experiments are completed. If so, will be returned in. W To—To be turned in 7/24
74086	7/23	Dept. 27663-34	Fwds copy of letter to STRINGHAM and BAILEY re radio tests. W
74297	7/25	Expr. Sta. 272	Report of aeroplane radio tests week ending July 20th. W
74277	7/23	Expr. Sta. 1121	Fwds radio tests week ending July 20th. W
74595	7/27 7/29	BAILEY Expr. Sta.	Recommends test of Falk Wireless Co. apparatus be cancelled. Apparatus not yet received. W Ref Academy-Test may be stricken from list 8/5
74374	7/27	To Sub-Torp. Flo.	Radio tests to be carried out by Subs. E-1 and E-2 in conjunction with STRINGHAM; gives information re. W
75168	8/2	NY	APPAR. fwds report of test of wireless app. delivered by MARCONI TELEGRAPHIC, GANWOOD, WIRELESS INC. Co. and LOVENSTEIN, and makes recommendations for requirements for future contracts. 876

TESTS, wireless.

Number.	Date.	From or To—	Subject.
66431	4/16	To Washn.	Proposed tests between uskn and STRINGHAM or BAILEY with kite aerial; instructions. W
66630	4-13	Marconi Co T	Makes appointment for Thursday morning. W
66628	4-15	N. Radio Lab. Bu of E.	Reports test of the Marconi 2 kw quenched gap set. W
66674	4-18	Marconi Co	Introducing engineers who will witness final test 2 kw quenched set at Bu. standards. W To---Report will be furnished at early date 4/20.
66742	4-18	Exp. Sta	Pwda report wireless tests BAILEY. W
67225	4/24	Expr. Sta.	Pwda report of weekly tests. W
67767	4-30	Exp. Sta 121	Reports wireless tests weekly. Apr. 22. W
68419	5/9	Expr. Sta. 704	Weekly report of tests. W
68948	5-16	Exp. Sta 737	Weekly report. W
68951	5-15	Wireless Imp. Co	Reports on test of 10 kw quenched spark app. at New York in conjunction set at Key West and re t. additional test. W To---Ack. 5/18.

TESTS. WIRELESS. 903

1912

Number.	Date.	From or To—	Subject.	
60092	5/16	To Expr Sta.	Directs "BIRMINGHAM" and "BAILEY" take shunt readings on "to" wires to be sent from "to" standards the 17th.	
69374	3/21	Salem	ATLANTIC: report on wireless experiments; fwded by personal letter to Chief.	493
69606	5/23	Expr. Sta.	Weekly report. W	
70049	5-28	Exp. Sta	Weekly report. W	
70117	5-31	NY	Fwded report from Fire Island stating no notice received to send test signals to Bu. Standards or Washn. was in communication 26th inst. W To---Tests will begin the 2d. 6/1.	
70232	6/3	To Dept.	Requests STRINGHAM be ordered to Washn. yd in connection with radio tests. W	
70422	6/4	Wireless Improvement Co.	Test of 10-KV quench gap: recommends placing one on BIRMINGHAM and BAILEY for further test. L To---appropriation not sufficient. 6/7.	
70727	6-8	Exp. Sta	Weekly report. W	
70864	6-3	NY Radio Sta	Reports on tests from radio laboratory. Bu. Standards. W	

1912

10 ✓

Number.	Date.	From or To—	Subject.	
65000	3/30	To At.Flt	TARGET PRACTICE, report results so far as concerns radio telegraphy.	749
65220	4/2	To L.Acad. W	Test between 11 and noon: instruct BAILEY stand by to send on time or J. same hr. C. I will make radio request.W	
65359	4-3	Exp.Sta	Weekly report on BAILEY. W	
65334	4-2	Nat.Elec.Sig.Co	Have completed tests between Brooklyn, Beaufort, Charleston. W	
65430	4-4	Exp.Sta	Reports on with BAILEY. W	
65293	4/4	To Nork. Phila. Washn. D. C. Acad.	Tests between radio stations and Bureau of Standards nav l radio laboratory; instructions. To NY. Instructions for test.5/22.	
65590	4-4	Radio Lab.Bu.Standards	Reports shunt readings taken during test of transmissions at 11.10.11. To NY. Gives results of shunts.4/9.	
65919	4-9	Exp.Sta 514	Recommend discontinuing of except those relating to kites.W To NY. Directs be discontinued.4/11.	
✓ 66039	4-7	A t.Flt	Adv reports from vessels relative to tests made during target practice.W Ewd Dept. 174.	

TESTS: WIRELESS 903

1912

Number.	Date.	From or To—	Subject.
✓ 66114	4-10	Exp. Sta 560	Weekly report on BAILEY. W
✓ 66132	4-12	Hooper, Lt. S. J.	Reports on radio telegraph: At. Fleet spring target practice. W
✓ 66262	4-12	Havign, C&L	Rect. induction coil sent by NY Coil Co for experiments on BAILEY be returned to Company. W Expr. Sta. Directs shipment of coil to N.Y. Coil Co. 4/15. R & 4-15
✓ 66172	4/12	To Marconi W.T. Co.	2-kw quenched gap has been set up and prel. tests made: requests representative witness final test. W
✓ 66263	4/13	To Expr. Sta and S&A	Request shipment of one Wireless Specialty App. Co. air condenser from Washn yard to Expr. Sta. for use in conn. with radio outfit of BAILEY. W
66446	4-3	C&L	Sends report on test made by wireless ship inspector San Francisco. W Fwd Dept. 4/17.
✓ 66485	4-16	Radio Laborator Bu.S.	Summits reports on Wireless Spec. wavemeter test by Bill. W in connection with test. W Fwd BAILEY thru Expr. Sta. 4/17. R & 4-17
✓ 66514	4-17	Marconi Co	Commander Todd agrees postpone test another day. W

TESTS: WIRELESS

1912

Number.	Date.	From or To—	Subject.
✓ 63475	3-12	Nat. Elec. Sig. Co.	Reqt. test be arranged for Beaufort and Charleston for testing out new IC Kw set being built at Brooklyn shop. W To---; Lorf, Chas. Instructions issued. 3/15.
63564	3-12	Exp. Sta 414	Reports on wireless test. Mar. 9th. W
63602	3/13	To Washn.	Bu. recn. 280 for fan for experimental radio purposes: fws copy. Directs when received be fwd to Bu. of Standards. W
63634	3/12	NY	APPARATUS: report on test wireless sets. Garwood. Wireless improvement. Telefunken. & Marconi. suggests scope of Agrees to terms of test. 3-18 876
64008	3-18	Exp. Sta 438	Fwds report on test at Marconi 10" sending coil made by BAILEY. W To Marconi W. T. Co. Gives results of test. 3/20.
64179	3-20	Exp. Sta 449	Fwds reports from BAILEY. W
J 64180	3-21	Marconi W. T. Co	Ack. receipt report test of Transmitters coil. disapp. with 3d and suggestions for improvement. W To--- and BAILEY for comment. 3/22. RE 3-22 OVER
✓ 64191	3-9	Clark, G. H.	Fwds report on test of transmitter wave lengths from MARYLAND to Station Colon. W
J 64310	3-21	Nat. Elec. Sig. Co T	Gives time for listening in, etc. W [W] to Chas. & Beaufort. Instructions. 3/22.

TESTS: WIRELESS: 903

Number.	Date.	From or To—	Subject.
✓ 64372	3-23	Beaufort	Reports result of. W
✓ 64450	3-23	Beaufort	Fwds copy messages received from NY. W
✓ 64308	3-22	Marconi Co	Mails additional valve; complains sets are 876 being compared with much higher priced ones. W To—Act. receipt of. 3/26.
64365	3/23	Chas. T	Reports on wireless tests. W (7) to Nat. Elec. Sig. Co. Quotes Beau- fort's report. 3/23.
✓ 64516	3/25	To NY T	Directs repeat sending tests Marconi set the 26th at 3.00 P.M. W
64961	3/23	Expr. Sta.	Fwds tests week ending March 23. W
✓ 64963	3/29	Nat. Elec. Sig. Co.	Fwds copy telegram to Chief Operator, Beaufort, re tests... E. D. Hoff. approves action. 3/30. RB 4—
65038	3-19	Northhead Sta	Reports hearing SS PRESIDENT with auxiliary wireless set at distance 187 miles. W
64180		SEE OTHER SIDE	To Marconi T. Co. Radio transmitter. Fwds extract from report of BAILEY. 3/30.

TESTS: WIRELESS:

Number.	Date.	From or To--	Subject.
✓ 59085	1/19	Exp. Sta 120 File 131	Fwds report from BAILEY on results of test of wireless specificity I.P.-S.C. receiver. W
59461	1 /23	Exp. Sta	Reports on test of BAILEY. W
60072	1/30	Exp. Sta 172	Fwds report on wireless tests from BAILEY. W
60507	2/5	CALIFORNIA. W	Directs conduct wireless tests Wars Island two successive navy half hours each night. W
60599	2-6	Navgn	Quotes letter from HANNIBAL re night test. W
/ 60599	2/7	To Key West & Gaantanamo	Directs conduct night wireless tests with <u>OVER</u> each other, using wave length of 3000 meters or greater. W Fwd Key West for information. 2/10. MB 2-13 To Nav. Quotes Key West's reply. 2/20. To Key West. Directs make further attempts with HANNIBAL. 2/28
60980	2-9	Exp. Sta	Fwds report of BAILEY on Tests. W
j 61027	2-9	BAILEY:	Experimental work: rect. 4 additional inductance coils for use with Pessenden 2 kw set. W To NY. Directs 4 induction coils be shipped to vessel. 2/12. To NY. Directs furnish STRINGHAM with addtl coils. 2/14.
61120	2-12	Exp. Sta 267	Fwds wireless tests report from BAILEY. W
✓ 61319	2-14	STRINGHAM	Rect. R.U. coil for oscillation transformer for use during test. W To --- thru N. Acad. NY to furnish addtl coils. 2/16.

TESTS: WIRELESS. 903

Number.	Date.	From or To--	Subject.
✓ 61401	2/16	To NY T	Directs sent test letter D for 10 minutes at 3 p.m. using Wireless Improvement Co's panel set. Report radiation; inform commercial stations. W
61408	1-6	Clark, Geo.H.	Reports results of reading made on board SS Alliance enroute NY to Panama. W
62035	2-23	Exp.Sta	Fwds report on made by BAILEY & STRINGHAM. W
62226	2-27	Exp.Sta 351	Reports on. W
✓ 62361	2-29	Pensacola	Have had communication with HANNIBAL every night ~~since~~ except 2. W
60599		SEE OTHER SIDE	[W] to Pensacola: reget report if able to get night communication with HANNIBAL. 2/28.
62362	2/29	To NY T	Directs send test letter "D" for 10 minutes at 3 p.m., using 5-K.W. set now under test. W
No #	3/2	To B&A	BAILEY ship's reeqn.#14, for 10 Jers. standard condenser, obtained from Wireless Spc.co; reasons for purchase. W
63099	3-7	Exp.Sta	Reports on. W.
✓ 63236	3-5	Key West	Test with HANNIBAL; unable to communicate with. W Rwd Nav.3/12. RB 3-2.

Number,	Date.	From or To—	Subject.
✓ 56605	12/20	To Exp.Sta.	Recd. test by STRINGHAM or BAILEY, of receiving by means of an aerial supported by a kite and by ordinary ship's aerial. W
✓ 56714	12/21	To N.Acad (W)	Continue test of aux. ship app., using parallel spark gap, zinc or brass cylinders, 1/2 or 3/4 inches diameter, use wave length 300 meters; report number of watts obtained from battery and current in aerial. W
56932	12/22	Expr. Sta. 2385	Reports on wireless tests.W
✓ 57046	12/27	To W.D.Terrell (T)	Directs ship to Annapolis duplicate Edison battery outfit for test aux. wireless app. by STRINGHAM & BAILEY; Commissioner of Navigation agrees. W
57182	12/28	To N.Acad (W)	Undertake distance tests aux. ship app. at discretion. STRINGHAM need not be retained until receipt of additional coils or batteries. W
57322	12/28	Exp.Sta 2413	Reports on wireless tests.W.
✓ 57328	12/28	Navgn 5380	Have issued instructions to ship sounding machine to BAILEY for use in. W. To Expr. Sta. Advising. Recd 213 disappd. 1/3.

1912

TESTS; WIRELESS: 903.

Number.	Date.	From or To—	Subject.
✓ 57494	1/2	To N. Acad.	Bureau desires tests from time to time between nav. wireless laboratory at Bureau of Standards, wireless station at Naval Academy, and STRINGHAM and BAILEY. W
✓ 57705	1/2	Exp. Sta	Weekly report, BAILEY. W Addenda to. 1/4
57771	1/6	To N. Acad. T	Requests BAILEY be directed to send test letter D for 15 minutes at 3 P.M. the 6th. W
✓ 58259	1/8	Exp. Sta 62	Wide report on tests/ STRINGHAM. 112 miles. W
✓ 58267	1/9	Exp. Sta 71	Wireless test of BAILEY; weekly report. W Suggestions for further tests. 1/12 BAILEY
✓ 58326	1/12	To Expr. Sta.	Directs tests between Annapolis station and BAILEY to ascertain practicability of using small portable receiver for receipt of tactical signals from "starship." W
✓ 58805	1/16	BAILEY	Reports on test with 10' aerial. W
✓ 58868	1/16	Exp. Sta	Reports from BAILEY; suspended during week; frozen in ice. W
✓ 58845	1/17	To Bost.	Repair of wireless apparatus directed; 2 items. W Unabl. to locate. 1/22 To --- letter 17th addressed in error. 2/1. To Washn. instructions to repair. 2/1.

TESTS: WIRELESS:

Number.	Date.	From or To—	Subject,	
✓ 53448	11/11	NY	Have no wireless apparatus available for experimental work: elec. school has old Sigsby Aeco set. W	
54304	11/23	To S&A & Wash	APPARATUS: recd shipment to Wash. from N.Y. one 1-kw set complete for test. Recn #82. In lieu of test intended for NY	876
54663	11/24	Nav.	PORTS: gives distance from station of certain Atlantic Liners in connection with test of MARCONI apparatus at hat station	832
54754	11/18	C.O.	MARYLAND: report on	280--6
54675	11/28	To Chas.	LIGHT ship 94. recd comparative tests be made of the strength of signals sent by, using turn F and the C	678
54692	11/29	To NY	REC: Directs test of two 5-kw induction coils and 10-kw quenched spark gap from Wireless Spec. App Co. in connection with supplying for Key West	898
+ 55082	12/2	Expr. Sta.	STRINGHAM & BAILEY: Wireless tests: Rec. be not used for until after Dec. 12th. due to cruise of vessels helping with sub-aqueous coal test. W&S	

Number.	Date.	From or To—	Subject.	
54981	11/17	C.O.	S. DAKOTA: reports on	408--6
✓ 55148	12/4	Dept. 27468-1-304	Reports on wireless tests carried out by Pacific Fleet.W	
55481	12/7	Expr.Sta. 2237	Wireless test on STRINGHAM & BAILEY for Dept. of C&I: unable to dispense with services of members of crew until after Dec. 15th.W To--Noted. C&I informed.12/11.	
55787	12/9	Expr.Sta. 2290	Relative to delay in wireless tests by STRINGHAM & BAILEY due to test of sub-aqueous coal: latter test expected to be completed Dec. 20th. P.M. V&F To--Directs tests of wireless when coal tests are concluded and gives instrns.12/16.	
✓ 56151	12/13	STRINGHAM	& BAILEY: Weekly report of wireless work.W	
✓ 56410	12/18	To NY	Clark, G.H.: ordered to NY for special temp. duty, thence to Colon: directs deliver to him, one wireless receiver, and invoice to Colon. Reqt that MR.Clark be permitted to use apparatus while en route to Colon, of "ALLIANCA" for communication with naval shore stations. United W.T.Co.12/19. Agrees. to W To--Ack.12/22. Panama RR Co.12/20. Agrees. W To--Ack.12/21.	
✓ 56504	12/19	To Nav	Reqt assignment of sounding machine (Lord Kelvin #3409) to BAILEY, for use in wireless kite experiments. W	
✓ 56619	12/19	To Nav Acad (W)	Instruct STRINGHAM or BAILEY when on wireless tests, listen for SS MADISON, and note greatest distance of MADISON signal recd. W To (W)-Listen for calls if working	

TESTS: WIRELESS:

Number.	Date.	From or To—	Subject.
✓ 50052	10/2	TO S&A & BAILEY	Orders shipment of 3000' bronze antennae wire from NY. W S&A reports shipment from Post. 10/4
✓ 50318	10/5	S&A (T)	Reqt. shipment order be issued covering sets to Phila for test there. W
50425	9/30	BAILEY:	Reports on wireless experimental work for week ending Sept. 30. W.
✓ 50503	10/7	Rept 27468-E.277	Twds printed copies of reports on, made by At. Field during target practice. W. 10/12-2
50633	10/8	STRINGHAM	Weekly report tests. W
50629	10/7	BAILEY	Weekly report. W
51231	10/14	STRINGHAM	Weekly report tests. W
51248	10/17	TO Washn	Reqt. authority to be given for Chief Elec. from Laboratory to make test at Yard. W To---Further instructions. 10/21.
51403	10/16	BAILEY:	Reports on tests. W
51415	10/19	TO Nav. Acad. T	Asks if kites for experimental work can be carried on Saturday. Dr. Austin will be on hand. W (T)--Reqt inform STRINGHAM Dr. Austin will not be over the 21st. 10/20.

TESTS: WIRELESS: 903

Number.	Date.	From or To—	Subject.	
51606	10/19	Nav.Acad	BAILEY: left yesterday for Norf. STRINGHAM can undertake tests with kites, W.	
✓ 51766	10/21	STRINGHAM	Reports on. W	
✓ 51884	10/24	To N.Acad. W	Directs authorize representatives Falk-McMahon Wireless Co. inspect STRINGHAM re proposed test of apparatus. W	
✓ 52455	11/1	To NY	Coherers: asks if there is a set in stock.	
52477	10/28	C & L.	GEN-SET-BATTERIES: for wireless, asks if Bureau will assist in test of.	882--1
✓ 52712	11/4	To NY	Transformer, two kilowatt, 60-cycle: Asks if there is one at y'd available for experimental purposes at Washn Id. W	
✓ 53041	11/6	NY 4 5079	Reports 2 transformers in store available for testing purposes. W To C&L: Will not be requested at present. 11/17.	
✓ 53110	11/9	To Dept	STRINGHAM & BAILEY: proposed. of aux. wireless app. for Dept: C&L: reqt rep. of C&L be present, and that storage batteries and induction coils be furnished. W To C&L-Available after Dec. 4th. 11/29. To Exp Sta-Advise of tests. 11/29.	

TESTS: WIRELESS:

Number.	Date.	From or To—	Subject.
✓ 45019	7/27	STRIMHAM & BAILEY	Reports on test Duplex Key. L
✓ 45294	8/3	To S&A	At Portsmouth; recd shipment of oil condenser from Washington. W To Ports. Dir. that Subinspr. Clark be permitted to take article with him to Washn. C/4.
✓ 45307	8/2	Clark (T) [Ports]	States condenser not received; absolutely essential to carry on tests; asks what antenna capacity does Telefunken require. W To Telefunken Co. recd fund. rental and antenna capacity recd for two lw variometer set. 8/3. To Ports. Donitz condenser shipped today. 8/3.
✓ 45737	8/8	TO Naval Academy T	Bureau's expert will visit STRIMHAM & BAILEY Aug. 9th, in connection with tests. W
46020	8/6	The Falk McManh Co	W.T. System; offers to equip T-1000 or any other vessel in NEW ORLEANS waters with outfit free of charge for test 901
46305	8/15	TO Exp. Sta	Directs test between STRIMHAM & BAILEY under rules laid down for Autumn practice; directs reqn. be submitted for kites, additional wire, and suggests use of balloons. W
46468	8/14	BAILEY	We kly report wireless experimental work. W

TESTS: WIRELESS: 903

Number.	Date.	From or To—	Subject.
✓ 47254	8/25	Clark, G.H. T	Regt. authority to conduct experiments with aerials and masts at Ports.W. (T) to Ports. Experiments auth. 8/25.
✓ 47321	8/22 8/25	STRINGHAM Exp. Sta	Reports of test with kites.W
✓ 47383	8/25 8/28	War Dept Dept 12479-441	Chief Signal Officer recd. copy of report on test to determine laws covering wave lengths, and height of aerial, etc. W This Dept. Issued bulletin by Dr. Austin. 9/2
✓ 47546	8/29	BAILEY:	State are constructing reel for kites.W
48021	9/5	BAILEY	Report on wireless tests with kites.W
48002	9/5	STRINGHAM	Reports on experiments with kites.W.
48906	9/16	BAILEY	Reports on wireless tests with kites. W
✓ 49118	9/21	TO S&A	Directs shipment of test apparatus used by G.H.Clark, to Washington.W.
✓ 49415	?	At. Flt	Reports on work in tests of wireless apparatus during autumn target practice. W
49467	9/23	STRINGHAM	Weekly report on tests with kite.W
49744	9/23	BAILEY: 245	Reports on experimental work.W
50045	9/30	STRINGHAM	Reports on experiments with kites.W.

TESTS. WIRELESS

Number.	Date.	From or To—	Subject.	
39739	5/25	C.O.	BAILEY & STRINGHAM: results of test, etc	124--6
41047	6/13	To Academy	SYSTEM: POULSEN: reqt test of	901
411494	6/16	Nav. Acad.	Reports on comparative test between wireless telegraph set and Poulsen arc. W To — Desires further experiments. C/19	
41468	6/16	C.O.	BAILEY & STRINGHAM: reports on	124--6
41448	6/17	To Exp. Sta	BAILEY & STRINGHAM: reqt test in order to ascertain aerial resistance with the vessel anchored in open water and land-locked.	124--6
41600	6/16	C.O.	BAILEY: further report	124--6
41618	6/19	C.O.	BAILEY & STRINGHAM: available for making test mentioned in letter of 17th	124--6
41953	6/23	TO Dept & Exp. Sta.	Directs early report on tests of and measurements of antennae resistance in connection on the Bailey, and reqt travel orders for G.H. Clark for use in connection with. W	
41953	6/30	BAILEY	States took part in wireless test and Mr. Clark will submit report. W	

TESTS: WIRELESS. 903

Number.	Date.	From or To--	Subject.
✓ 42421	6/28	Exp/ Sta.	Reports on tests of antennae resistance. W
✓ 42554	6/29	TO Nav.Acad. (W)	Directs STRINGHAM finish test of portable sets while coming up POTOMAC. W
✓ 42976	7/7	TO Exp.Sta	Directs wireless test between BAILEY: STRINGHAM & Washn. Yd. V.
✓ 43619	7/14	TO Exp.Sta	Fwds copy of reqn. 47 for King Kites for.W
44502	7/24	Naval Adademy W	Rect. station send D's for half hour 5.AM Thursday.W To Washn. Directs send D's for half hour on Thursday 7/26.
44564	7/25	STRINGHAM	Reports on test "D".W
44565	7/25	BAILEY	Reports on test "D".W
44559	7/26	TO S&A	Rect. shipment of material from Was m. to Ports. for testing purposes. W To Ports. Re-st that Mr Clark be permitted to take articles with him on returned to Washn. 7/27.
45048	7/31	Nav.Intel. 11232	Fwds pamphlets re experiments aboard and copy of J.A.Fleming's book "Principles of Electric Wave Telegraphy and Telephony", which contain data of similar character to that covered by Dr. Austin's paper. W To --- desires to retain Prof. Fleming's book. 8/2.

TESTS: WIRELESS:

FILE No.	From or To— (Dated)	Subject.	
/ 36836 4/22	TO NY	Directs between MICHIGAN and Bureau Standards.W	
✓ 37075 4/25	MICHIGAN:	Wireless tests; reports on sending W to So Carolina. Directs sending W.T. signals. 4/27.	
37040 4/25	To Academy	BAILEY & STRINGHAM: directs test between: also delivery of wavemeters for use during:	124-6
✓ 37374 4/27	Washington	Submits reqt. from Sub-inspr. G.H. Clark for construction of dummy aeroplane apparatus for break ear for testing purposes; asks if authorized by Bureau.W	
✓ 37874 5/2	SOUTH CAROLINA	Reports on data taken on during trial with Bureau Standards. W	
37952 5/5	Dept	BAILEY & STRINGHAM: fwds copy of message to Stations directing to keep out until they complete tests.	124-5
✓ 38306 5/9	Clark, G.H. T	Reqt. authoriv to adjust antennae of NORTH DAKOTA: states SOUTH CAROLINA will send to- night, 1000 meters. W (T) to NY Directs Subinspr Clark adjust aerial DELAWARE. 5/10.	
39144 5/19	TO Dept	fwds copies of Bureau Standards on, for Navy Dept. W.	
✓ 39705 5/26	TO Marconi W.T.Co	French & Russian ack. unable to reciprocate e D. Austin's report. Nav. Intel. 8/1	
✓ 39144 10/24	Nav. Intel	fwds copy of Bureau Standards report on Quantitative Experiments in Wireless... Brazil & Chili unable to furnish. Japan fwds-10/30	



FILE No.	From or To (Dated)	Subject.	
30698 2/1	Academy	BAILEY & STRINGHAM: fwds report of results of	124—C
✓ 31477 2/14	Wireless Specialty	Test between aeroplanes and a wireless station: offers to make with San Diego Station; invites attention to fact that they were successful in recent tests; DeForest entirely unsuccessful. W	
31463 2/5	At.Tor.Flt	ALBARATUS: comparative tests of: on TBDS, Rates them Telefunken, Fessenden, Marconi, Latter a bad third	876
✓ 33244 3/8	TO Norf	Directs certain tests be carried out with wireless station and ships at yard and Hampton Roads. W	
33359 3/9	To Key West	directs daily test with COLON W.T. Sta	817
33678 3/13	TO SOUTH CAROLINA	Fwds copy of reqn. covering perikon detector for use in connection with. W	
34352 3/22	To Alt.Flt	REC & Send.Set: directs test of MARCONI magnetic detector on SOUTH CAROLINA.	898
34814 3/25	Key West	fwds report giving result of daily tests with Colon	817
34915 3/29	To Colon	COLON: long wave tests with KEY TEST: reqt report on amount of inductance and capacity of both circuits during.	808
35009 4/11	To Harr.Nav.Sta	MERCHANT SHIPS: directs Nantucket light ship carry out test with S LA 110722.02.	891



1912

Number.	Date.	From or To.	Subject.	
80523	10/7	M. Is.	Federal telegraph Co. test of JULIEN ALPHE- at _____ test to be advised of dates so M. Is. can listen in.	376
			1913	

1913

NE-0120

[illegible]

EXP STA

1914

[illegible]

[illegible]

FIVE SIGNALS

RADIO

1922

Number.	Date.	From or To—	Subject.
645472	9/25 10/14	Pu. Cd. Dept.	Fwds reports from radio stations in 13th Dist. rel to time signals during solar eclipse September 1922. Fwds Annapolis 10/18 10/26 W RB 10/26 RB 11/8W
648216	10/7 11/3	Europ Forces Communication Supt. Dept.	Subm report on signal of static and utilities during solar eclipse September 1922.

[illegible]

1919

7

TIME SIGNALS: RADIO

Number.	Date.	From or To—	Subject.	
✓ 413371	4:21 4:24	Wis. Farm Tractor Co Com	Reqt information to instal time rec station whereby correct time can be received daily. W To Wis. Farm Tractor Co-Gives info. 4:30	
421997	5:24 5:28	W Bookwallke Com	Instal at rec station. fwsd pamphlet on watch and time record cable, etc. To F M Bookwalter - cannot furnish info Reqt'd 6-2	W
✓ 413235	5:29	Inspr Fed	Sketch showing two types of control valves.	W
426534	6:12 6:18	Haslipo & Walker Com	Wireless Sig reqt for info in con with. fwd Observatory 6/24 8:11 fwd Observatory 8/28	W
466070	12/29	Boston	Copy of letter to Naval Observatory recommending instln of a precision signal and clock recording device. W.	

TIME SIGNALS RADIO

Number.	Date.	From or To—	Subject.	
483894	3/24 3/25	Lt. J. W. Birk Naval Academy	Subm 3 questions covering primary standard coal substitute using vacuum tube as a generator and utilizing constant light frequency. To Lt. Birk via N. V. L. Acad. - do not believe investigation warranted 4-7	
486125	3/29 3/30	A. R. Mansfield Dept.	Request information as to receipt of time signals. To Rev. Mansfield - info re: signals 4-8 Seamen's Church Institute of NY - acknowledges letter of 4/8 - 4/10 - W	W.
557874	4/15	Ta En Standards 1922	Time signals from Arlington - Checking of - Rgst report be fwded with monthly check of wave lengths of trans Atlantic Stations	841 W
521230	4/26 4/29	Naval Observatory Communications	Fwds letter from C. E. Adams asking if can obtain supplies of apparatus thru Navy Department. W Fwds Dir of Comms 5/4	

TIME SIGNALS. RADIO

1915

Number.	Date.	From or To--	Subject.	
✓ 147743	2-11	Johnson, F.T.	Asks if possible to receive from Arlington at Genoa, Lebr. V. To--Comments on. 2/23	
✓ 149039	3-3 3-6	Reichel, L. Supt	Reqt instructions re receiving. W Fwd Rad Ser-- Not published by Bu. 3/8	
150046	3/17	Navgn	CAIMITO: fwsd specs of transmitting clocks for time service; quotes price	851
152173	4/7	Self-Winding Clock Co	Inquires as to probability of additional clocks being ordered	622
✓ 175070	12-28	Warner, Edw.	Reqt data on time signals. W	
✓ 175956	1-11	To NY.	Reqt time signal receiver be included in battleship standard plans; if practicable signals should be on ship's telephone system; above should be included in PENNSYLVANIA'S radio installation. W	
✓ 180855	2-23 3-4	Teske, Chas Supt Radio	Reqt information re time signals at Wild Rose, N.D. To Teske-- 3/9	
184341	4/4	Observatory	Reqt copy of corres relative to telegraph circuit for time signals; Arlington Radio	841

TIME SIGNALS. RADIO. 910

Number.	Date.	From or To—	Subject.	
191484	6-21	Navgn	Apparatus at Observatory; request choke coils be rewound. W Ther. Washington 6-26	
212724	1/26	Indian Head	1917 Recommends change in radio regulations relative to manner ships standardizing their time	9M
324446	5:9 6:5	Cavila Pacific Fleet	Recommends station be supplied with time clock similar to one that will be installed at Pearl Harbor.	
375609	12:10	Com	Req prints outlining details of sig circuits. W	
393574	3-1	To 3A	Request shipment from Washn to Naval Observatory Radio for use in reception of time sig. To Observatory Wash- Advise if have finished with apparatus. 1-9	
400801	2:18	Pearl Harbor	Request authority to permanently retain apparatus. Time Sig from high power station, sub for imp. fwded Communications 3-13 fwded Communications 5-20	1/13

TIME SIGNALS: RADIO

1913

Number.	Date.	From or To—	Subject.
✓ 101168	6-30 7-7	Ill Watch Co. Nav. Observatory	Reqt. information re receivers and aerial necessary for time signals. W To Co. comments. 7/10. Ret N. Observ. via Radio. 7/10.
102258	7-24	Supt Radio	Circulat. letter to Comdats re sending of time signals. W
✓ 105226	9-10	Hilliard, T.W.	Reqt. information. W. Fwd Supt. 9/9
106710	9-23	Newberry, E.R.	Reqt. data on. W To— 10/1 Fwd Supt. Radio 10/1
✓ 107988	10/9 10/10	Nav. Observatory Havdn	Recommends loan of a radio receiving set to the Mexican Observatory in connection with establishing longitude by time signal. W Fwd Dept recom 10-16
✓ 108296	10-18	TO Yards	Asks if any storage batteries on hand suitable for time signal longitudinal tests at Arlington. W Norf B. (2) 10-20 NY 10-18 (R) Rltd Norf. Phila. NY. Asks what batteries have available for shipment to Washn. 10/18. To Norf. & 33A. Request shipment to Washn. of 17 8-2 Edison storage batteries. 10/20. Phila (R) 10-18 Norf will ship 10-31

TIME SIGNALS: RADIO. 910

Number.	Date.	From or To—	Subject.
✓ 112091	12-6	Navyn	Extends intitation to officers to att end lectures by French commission.C
✓ 120016	3-11 8-14	Citadel, Chasn C&R	Reqt data on time signals sent out by Arlington W To---gives data.3/16.
✓ 128917	6-29 7-3	American Jeweller Supt Radio.	Reqt information re time signals.W To---gives information 7/13. Ann Jeweller 7/15.requests further information. To Ann Jeweller. Gives information.7/23. Ann Jeweller reqt additional inform 7-12
✓ 132290	8-13	American Jeweller	Submits draft of proposed articles; reqt revision.W To---comments.8/19.
✓ 132979	8-24	Stephens, Hon. W.D.	Reqt data on radio time signals.W To--- Unable to furnish; May be purchased from Naval Institute, Annapolis. 8/27
✓ 135898	10-1	American Jeweller	Fwds copy of publication containing article on time signals; asks if relay condenser could be constructed to receive time. W To--- Comments 10/17
✓ 145511	1-21	Bell's, Sons, J.H.	Reqt information re apparatus for receiving signals.W To--- Gives data on 1/28

1912

TIME SIGNALS: RADIO:

Number.	Date.	From or To--	Subject.	
84214	12-1	NY 6300-7	Quotes price on receiving set suitable for Naval Observatory time signals. W. To M. Is. Asks what old material can be supplied from stock for tests between M. Is. and N. Observatory. 12/16.	
85131	12-14	Arlington 358	To M. Is. & S&A. Recd shipmt apparatus. 12/27. Re arrangements for sending out time signals: noon signals now being sent; night in a few days. W	
85466	12/14	Pug. Id.	TATOOSE ISLAND: Reports ready for time signals.	638
86353	12-30	South Bend Watch Co	1913 From Arlington; reqt. data as to wave length in order to enable them to receive signals. W. To---1/4.	
87302	1/9	J.G. Crawford	Requests information re radio time signals from Arlington. To---1/13.	
87587	1-14	Sweet, G.D.	Reqd. information. W. To---1/16. RB 8-10	
88697	1-1 1-7	Waltham Watch Co Nav. Observatory	Reports catching time signals Arlington on Jan 1st with small receiving set. W. Fwd. Nav. Observatory. contents noted 1/29	

TIME SIGNALS: RADIO. 910

1913

Number.	Date.	From or To—	Subject.	
78950		SEE CARD 3	Radio time service, W. Is. & Arlington. Fwd W. Is. via Supt. Radio. comments and instructions. 2/10. To W. Is. before installing night service Reqt. certain information. 2-15 Fwd Nav. Observatory via Nav. for rec. 3/13 Fwd Supt. Nav. Observatory for comment. 4/3 RB 5-8	
✓ 90901	2-20	South Bend Watch Co	Reqt. data on Arlington wave lengths. W. To--- not yet available 2/25	
✓ 92967	3-19	K. Russell	Reqt. data on W. To--- 3/21.	
✓ 94487	4-8	Citizens Light & Power Co	Reqt. information. V. To--- directs communicate with Supt. Radio. 4/10.	
✓ 99154	6-9	Elgin Nat. Watch Co	Reqt. approx. cost of 10 kw set. in connection with W. To--- gives data. 6/12.	
99127	6/10	To Dept	Telegram line between Observatory & ARLINGTON. Reqt. auth. for installation of a 2 wire circuit. Gives figures of cost.	841
99095	6/9	Western Union T & T Co.	Estimate for "	841
✓ 100363	6-20	Harrington Co	Reqt. instructions re serials for. W To--- gives certain data. 6/27.	
✓ 100430	6-20	Observatory	Copy of letter to Western Un T&T Co. com- plaining of service for time signals. V.	

1912

3/

TIME SIGNALS--WIRELESS.

Number.	Date.	From or To--	Subject.
74336	7/26	To Norf.	Quotes report from German steamer "Neckar" as to time signals received.W
✓ 75537	8/9	Pensacola	Reports installation of time signals at radio station.W
✓ 76347	8/21	Hon-David J. Lewis	Fwds application for Walter Powell & Sons; Cumberland, Md., for wireless time signals; will erect station on their building.W Walter Powell & Sons. Reqt additional information.W To Walter Powell & Sons Co. Gives data. 8/22. To Hon. Lewis. will give information 8/23 To Powell & Sons Co. comments and suggestions. 8/26.
↓ 76567	8/24	Clapp-Eastham Co.	State have received numerous inquiries relative to apparatus for receiving time signals from Arlington, etc.W To---replies. 8/26.
✓ 77247	8/29	Marconi Wireless Co.	Time signals to be sent out from Arlington; Requests information.W To--- gives information 9/4 To-Wireless Spec. Ap. Co. gives information 9/4
✓ 77322	8/29	South Bend Watch Co.	Requests information re time signals to be sent out by Arlington. To--- information 9/5
77431	9/5	Wireless Spe. App. Co.	Recommends longer wave length than 3000 meters be used for transmitting time signals from Arlington.W

TIME SIGNALS: WIRELESS 910

Number.	Date.	From or To—	Subject.
78713	9-21	Navgn	Supt. Observatory recommends pamphlet be issued giving information as to the sending of and apparatus necessary for receiving. W Ret--Glad to Co-operate with Observatory in the preparation of pamphlet 9/25 Navgn authorizes. 10-5 Ref. Obs. 10/9
78950	9-24 9-26	Observatory Navgn 2114-112	Recommends direct wire from to Arlington, and from M. Is. Observatory to proposed station near San Francisco. W To--ARLINGTON re arrangement for sending night as well as no n signals 10/12 10-11. Is re cost of installation direct telegraph line from Observatory 10/12
78951	9-24 9-26	Observatory Navgn	Reqt. Observatory be furnished with receiving set and aerial for use with experiments with..W To Observatory via Nav. Bu. will loan apparatus upon completion of ARLINGTON 10/11 11/20. Asks what old material have suitable.
79328	10/1	SE Co.	TRANSFORMERS, re. also reqt data on time signals, etc 904
80028	10-9	Amer. Nat. Ret. Jewelers Assoc.	Reqt. data on sending out of time signals by Arlington and gives names of committee appointed to handle matter. W To-- suggest visit Bu. 10/14
78950		see above CARD 4	Radio time service, M. Is. & ARLINGTON. W Fwd Observatory via Nav. 10/12 BU I to V. Is. Recd report between and and CARD 4 N. Observatory be submitted 12/16. Fwd N. Observatory. 1/14. 10
80295	10-15	Arlington	Re-arrangements for time signals. W
83955	11-17 11-29	W. Anderson, SS VENTURA Navgn	Suggests be sent out at Midnight. W. Fwd Nav. Observatory via Radio sta. 12/2

TIME SIGNALS: WIRELESS:

Number.	Date.	From or To—	Subject.	
✓ 50544	10/6	Norfolk	Reports not received by Beaufort Station. W To Western Union T. Co. Reports not received. 10/14.	
✓ 51174	10/11	Clinton, F.L.	Recl. information re apparatus needed to receive. W To --- Gives names of firms with whom to communicate. 10/24.	
✓ 51573	10/20	Western Union	Re complaint from Beaufort; suggests Richmond office be communicated with in case of any future failure. W Fwd Norfolk. 10/26.	
✓ 51673	10/16	Western Union Tel Co	For Tatoosh Island; agree to furnish free provided Sept. run wiring. W To --- Has taken up with Weather Bu. 12/6.	
3 ✓ 52025	11/7	Navgh	Fwd clipping from Daily Commonwealth News, San Francisco, relative to sending out of by M. Is. W Fwd M. Is. Recl. information and comments re weather reports. 11/29. 31442- Ret --- Rel to night signals. 12/29. 31442-6	
✓ 53296	11/7	Beaufort W.T. Sta.	Reports non-receipt of time signals from Western Union offices since Oct. 30th. W To West. Union, Richmond. Quotes from report. 12/5.	
54257	11/10	Fire Island	Reports hearing time signals from IRELAND and Colon	892
✓ 55774	12/11	To Chasn	Time sending key and relay: has made ready for, and on installation, direct Western Union Tel. Co. to make connection daily without charge; Also designate station as "Naval Wireless Tel. Sta., Jupiter, Fla." W	

TIME SIGNALS:

910

Number.	Date.	From or To—	Subject.
✓ 46809	12/22	To Pug.Sd.	Re extending service to Tatoosh Island: directs wireless station be connected by a loop to Weather Bureau station, and wire- less station be provided with necessary relay and time signal key. W
57403	12/27	Western Union Tel.	1912 Replies to complaint of non receipt at Beaufort. W To---Acknowledgment. 1/23.
58746	1/7	Clark, C.H.	States has observed time lag between impulse Western Union and spark transmitter in sending out: suggests remedy. Wd Nat. for comment and rec. 1/17. RB 2-24 Fwd May. 2/26.
58862	12/1 1/15	SS CITY OF MACON Dept	Fwds data on receiving noon time signals. W To S.E. Harbor. Ack. 1/18.
61163	2-8	Navgh	Fwds complaint from SS MEXICO re failure of Beaufort to send time signal. W
62315	2-22	Colon	Rect. Bureau expedite arr. for W Wito. if possible to arr. time ser- vice. 3/2.
66563	4/12	Beaufort	None received on the 10th, 11th and 12th. W
72006	6-6	Navgh	Fwds clipping from Prof. Gould, University Washington, will furnish ships at sea with time based on star observations by radio. W

TIME SIGNALS.

WIRELESS.

910

14

FILE No.	From or To— (Dated)	Subject.	
31144 2/8	To Colon	Directs arr. be made for transmitting time	808
✓ 31971 2/17	Collins, C.J.	Reqt. explanation of dots and dashes. To -- Information furnished 2/28.	
33069 3/6	To Chas.	ST AUGUSTINE: directs be fitted out for transmitting time signals	834
✓ 33981 3/16	Navgn	Fwds report on French Steamer Florida on receipt of time signal by wireless from NY Fwd NY 3/21. R.E.3/30. Fwd Rav, 4/4.	Yd.W
✓ 37248 4/27	Central & South American Tel.Co	At Colon: fwds copy of reply to Hydrographic office on same inquiry. W To -- Rel to height of masts; etc. 5/3.	
38428 5/10	Navgn	Reqt. particulars about. W To -- Forwards information. 5/20.	
✓ 41218 6/7	Lawrence, A.E.	Reqt information re time signals. W To -- Gives information 6/15.	
✓ 42933 7/5	Norfi	Reports failure to receive at Beaufort at certain dates. W to Western Union Tel.Co. Least signals be received at Beaufort. 7/12.	
✓ 45090 7/31	TO Western Union	Reqt. arr. be made for sending to Tatoosh Island. W	



1941

KB-0120

TRANSFORMERS

1922

Number.	Date.	From or To—	Subject.
648198	11/2	Washington	request print of radio frequency transformers be furn. W. To MI- Rwas cc plans listed 11/8
649389	11/10	Washn	Bracket Mount radiation current transformer submitted by Westinghouse Co. W. To Westinghouse Co. Gives action cc S&A- Washn 11/17
650065	11/20	To S&A 1546	request shipment of transformers from Washn to Phila W
652412	12/5	Washington	estimates covering making of type SE 1595-A transformers W

TRANSFORMERS

1922

Number.	Date.	From or To—	Subject.
652641	12/6	Belden Manfg Co	Rqsts be placed on list to receive increase for winding of all types of coils W To -- Will furnish specums - as within 12/12
653243	12/12	M.I. T #1716	Rqsts 12 radio frequency transformers for amplifier be shipped W To S&A Rqsts shipment of transformers from Wash to M.I. 12/12 W To Comdt M.I. T None avail will ship Dec 27. 12/12 W

Number.	Date.	From or To--	Subject.
621918	5/4	Washn.	Subm estimates cov adaptors for type SE1616-A transformers. W. To Washn Estimates appvd 5/12
622212	4/27	Pack Destroy	Amplifier transformers- failures in and 494 difficulty in getting
✓ 622652	5/11	To Hammond Radio Lab (T)	Bu ready discuss specifications intra fleet transmitter with representative W
626208	6/3	To Comdt Washington	Tests of special Type French Transformers. W
630162	6/27	M.I. T	request shipment of transformers for repairing amplifiers of destroyers W MI- (T) amplifiers requested urgently needed 7/1 W To Comdt M.I. T Refer your cable sheet 18150 type SE 1616 transformers reported in store. W 6/28 To M.I. Rista. Shmt of Transformers from Washn to M.I. 7/6 WRS 11/9 W MI- (T) - 10/11-request expedite transformers. W CANCELLED SEE 830

TRANSFORMERS RADIO

1922

Number.	Date.	From or To—	Subject.	
✓ 631405	7/6	Mine Sqd . #1 (T)	Request shipt to SHAWMUT of two Western Elec. transformers in conn with experimental purposes. W. To Boston (T) issue transformers as listed	7/7
632959	7/15	<u>GE Co.</u>	6 radio frequency intervalve transformers will be fwded to Bureau - fwds pamphlets describing. W	
639337	8/24	<u>Westinghouse E/M Co.</u>	Radio frequency current transformer at radio test shop. - request be tested. To West Elec & Mfg Co. Holding up final appvl of transformer 8/31 W	W.
647134	10/19 10/25	L. D. Moore Phila ~~CANCELLED~~	Hosts bureau's opinion of transformers manfgd by Puhman Electric Co W	

TRANSFORMERS RADIO

Number.	Date.	From or To--	Subject.
612120	3/4	To S&A	Transformers News estimates obtained from Washn. covering cost of manufacture of transformers RB 3/16/22 R Fwd S&A 3/18 To S&A, Request inform 6/1 MA 6/2 W. To S&A- Ask when reply may be expected to Eng let. of march 4 10/19 RB 10/25 R
613041	3/14	To Norf 9873	Regst shipment of Transformers from Norf to SO Washn W RB 7/5 W.
572864	FROM CARD 19		MA- Copy action to Wa. Rds. 3/22 7.

TRANSFORMERS RADIO

1922

Number.	Date.	From or To--	Subject.
✓ 614711	3/21	Washington	Request with to manuff for stock, adapters for radio transformers- fwsd prints. W.
618843	4/14	Boston	Request transformers listed be shipt for repairs to amplifiers. To Boston- Gives status of shipment cc Washn S&A 4/21
586399	FROM CARD 20		Dubilier Condenser Co. Ask if test made. 4/15 W Fwsd 11/5/8 RB 5/22 W. Fwsd Washn 5/25 RB 6/7/ W Washn. C/S To Washn--- Gives income rel test of French transformer 8/13 Dubilier Condenser Co 9/18 Transformer shipped to Washington W Fwsd Washn 9/26 RB 10/4- W. To Dubilier Condenser & Radio Corp- Gives Action taken 9/27 Dubilier Condenser & Radio Corp.-Request return transformer. 10/5 W.

TRANSFORMERS

1010

1921

Number.	Date.	From or To-	Subject.
586399	9/20	Dubilier Condenser Co	French transformer; offers to loan for test
			To-- Gives Action 9/30
			To S&A Reg. t shipt of transformer from Brook to Washn 8/29 9/30
TO CARD 21			Dubilier Cond. Co. s/wds French type transformer to test shop for test. W.
			Dubilier Cond. Co. 12/29 W.
			To-- gives action for test 1/13
586883	9/22	Fug Sd	Request partial delivery of transformers be ordered for destroyers W.
			Fug. Sd. - Prepare shipt order cov transformers - request - 9/16 W.
			To S&A Reg. t shipt of transformers from Washn to Sd 8/19 9/24 RB 11/26 W.
			To S&A Reg. t shipt of transformers from Washn to Sd 8/27 RB 11/26 W.
592999	10/28	Phila. (T)	Request immediate shipt of audio frequency transformers for use on destroyers. W.
Chasn Request N S	A 312-22 11/30	To Chasn	Request for Radio Amplifying transformers to be inspected W
598309	12/9	Washn.	Request 3 high tension transformers be turn in conn with design problem 128- B. W.
			To Washn gives Action 12/13

904 TRANSFORMERS: RAD IO: 1921

Number.	Date.	From or To—	Subject.
599551	12;3	Pac Flt	Provision of amplifier transformer with bases so they can be inserted in same manner as vacuum tubes is objectionable. W To Washn ton coils on cc C-I-C Pacific 12/17 To Norf- Comments 12/19
599640	12;9	Norf T	Reqt shipment of 12 amplifying transformer coils. W To S&A Reqt shipment of transformers from Washn to CC Norf 256 12/10 To Norf transformers shld be available for shipment 10. and 2. 12/13 Norf- (1) Request shipmt of part of material be expedited. 1/24 W. to-- 1/24 W
599681	12/10	To O-I-C Brook	Radio transformers-coils for: Reqt inform rel W Na y Sup Depot- 12/12 W
601059	12/14	Phila.	Audio frequency transformers- request inform rel to stock. W. To Phila- Gives Inform 12/22
599640	FROM ABOVE		Reqt- 2/15 To Washn yard-9743-shipment of 12 amplifying transformers to Norf. 2;20-W

Number.	Date.	From or To—	Subject.
5-0832	1/15	Resch Labr ur stand	Request permission for radio aide J.M. Miller to answer queries by P. C. state that copy attached. End Intelligence 1-20
543106	1/25	American R/R Corpn	Request authority to submit samples of amateur radio amplifying radio transformers for test.
Washn- quency transformer Corpn.	3/21	Washn- quency transformer Corpn.	To Amer RR Corpn 1-29-21
		To Washn Work completed 3/28	End transformers to
		To Amer Radio and Research Corp Fwds report 3/28	To Washn 2-7-21
546456	2-16	To S&A	Request shipment of radio transformer from NSD to Sub Base New London W 6342
551969	3/16	To War Dept	Request audio frequency transformers be furnished W
W 406	5/14 5/19	Washn S&A	Request inform rel to reasonable price for on excess deliveries of transformers. SW 6-9
572864	7-5	To S&A	Request shipment of transformers from Washn to Guam W 8047
6-20-21	To Guam (T) transformers being shipped Dec 6th 1/2		Guam 12/1- (T) Transformers not read - urgently needed W/
580191	8/9	Jno. Smith Co.	Request report of test on audio frequency transformer and portable decimeter fwded to radio test ship. W. To Comdt Wash 8/18

1920

Duplicate

C17

TRANSFORMERS: RADIO

Number.	Date.	From or To—	Subject.
476710	2/19	To S&A	Reqt shipmt from Norfolk to Coco Solo 3 transformers. W RB 5/17 W.
488944	3/24	H. W. Kiehn	Subm comments on frequency doubler as applied to radio transmission, by T. Minahara fwding pamphlet W.
504034	7-12	To War Dept.	Reqt loan of six new type signal corps audio frequency transformers W War Dept. furnishes 6 new type transformers for see conduct. test 7/14 To Bur Stds, reqt return to War Dept upon completion 7/15
528710	10-19	To Comdt Washn	Reqt drawings and descriptive data covering transformer. W Washington fws prints of audio frequency transformer. 11/12 W.
529891	11-19	To S&A	Reqt shipmt of transformers from Wash Yd to Bur Standards W
529892	11-22	To S&A	Reqt shipmt of transformers from Washn to L.Y.W RB 9/9 W. Sh
535859	12/23	To Washington	Reqt to design an arc trans capable of 898 del 25 amperes to a ships antenna having resistances as listed. W

TRANSFORMERS:

Number.	Date.	From or To—	Subject.	
✓ 421725	5:27	Marconi Co-	Copy of letter to Ph sub data on 5 kw transformers.	W
✓ 424929	6-13	To Phila	Reqt if transformer ref to is in Radio Lab if so same be returned to American Transformer Co- W Phila 6/19 To NY asks if trans is now at NY and if same can be returned to American Transformer Co 6/24	
439172	8:11	Norfolk	Reqt instruc as to disposition of 10 kw radio trans mfg at yrd. To Norfolk Shipmt orders are being issued. To S&A reg shipm from Norfolk to Washington radio transformer 8/30	W 8:25
439586	8:13	Boston S&A	Reqt instruc in con with issuance of radio transformers. W fwd S&A 8/29	
900-4775	8/15	To Lowenstein Rad Co	Calls attention to fact transformers to be used with radio sets supplied by your Co under contract 20415 reg'n 163 dated August 1914. Asks info covering: a.	706

Number.	Date.	From or To—	Subject.	
✓ 449687	10:6	American RR Corp	Reqt auth to sub transf for approval. To American RR Corp—Gives permission to sample 10:14	W
452078	10/16	American R/R/Corpn.	One transformer fwded to Washington for test. W American R/R/Corpn. 2/4	
456097	11:4	NY	Fwds photos of Norfolk 5 kw transformer.	W
✓ 461772	12/4	Signal Corps	In com with early disclosure of leakage transformer with "E" laminations, claimed by Clapp Eastman Co. W.	
✓ 47320	2/5	To IM Norf	Reqt advise rel to remedying defects trans formers undergoing acceptance tests at Radio Lab. W Norf- Fwds vandykes. 2/12 Norf- Fwds prints 2/25.	

TRANSF. REELS

Number.	Date.	From or To—	Subject.	
✓ 391748	2-23	To Bu Standards	Resonance radio transformers being shipped W	
395984	2:17	Worf	Req info as to disposition of trans removed from Mo. To Norfolk - 1 post 2-KW Telefunken Radio transformer removed fr m MISJOURI be turned into store 2-25	
✓ 44542	2/20	Inspr Pitts	Submits report of factory inspection of transformers from Pitts Transforming Co. S&L 629	
✓ 402182	3-15	To Western Elect Co.	Request furnish bureau with general specifications on transformers. West Elec Co-Quotes prices of transf. W 3:18	
✓ 404843	3-22	Inspr Brook	Fwds copy of specifications of shell type transformer of Western Elect Co. W	
✓ 421006	5:24	National Radio Sup Co	Regst authority to purchase supporting brackets. To Sperry Co- no objections 6-6	W

1919

TRANSFORMERS

Number.	Date.	From or To—	Subject.	
⁹ 283871 see 11-12	4-2	To 3 yards, F. Lowenstein Co.	Asks reply to letter of 3-13-18 and 4-16-18 W Lowenstein Co = 4:17	
408674	4:5	Norfolk	Rwds prints giving results of test of 2 kw radio transformer. Norfolk 7:1 To S&A req shipmt from Norfolk to Washington radio transformer W 7/21 To Wash So issued 7/25	W
412410	4:15	MI	Sub report on proposed method of transf efficiency.	W
411876	Old Number	Boston—Asks spec rep on measurements on transf efficiency. 6:18	Phila- 4:25 Lowenstein Radio Co-Rwds comments. 5:20 Boston 5/28 Rwds report conv measurement of transformer efficiency - W To Boston- reqst addtl copies be fwd 6-4	

Number.	Date.	From or To—	Subject.
370096	11:20	MI	Test of 500 E. in radio
~~3322X~~ 379943	12-26	To Norf (T)	Telegraph list material required 1/2 KW trans former Bu relying on drawings being delivered Jan 1st W To Norf— Ack receipt of drawings 1-4 Norf— Fwds vandykes 1:14. W 1:14 Norf— Fwds vandykes 1:14.
380070	12:31	West Elec Co	To West Elec Co. Informed transformers will be returned as experimental work is finished 1/2 0
381927	1-3	To Norf	Repts that vandyke copies of working drawings of each transformer as indicated on drawings Rm 20F 144 and Rm 20F 145 be added-1 and 2 W Radio transformers Norf— Fwds vandykes. 1:23 W
36143	1/7	Norf	Recommendations in conn w American Transformer Co design transformer as compared with N.V. design W 629
381059	1:15 Dept-Disapproves- 1:25	Lowenstein Radio Co	Old Number. To (T) Reply is required to Buseng Desp 1-10 rating to transformer coils To Sec of Navy; instructions request re above 1/2

TRANSFORMERS:

Number.	Date.	From or To—	Subject.	
383638	1:7	Norfolk	Fwds vandykes of one kw transformer. W	
384100	1-11	To Firms	Ask a cost and delrv of small quantify of sheet steel for radio frequency use West Penn Steel Co-Do not mfg. 1:13 American Rolling Mill Co - 1:14 To Amer Internatl Steel Corp 3-18	W
38413	1/9	International R. T. Co.	No further difficulty will be experienced with power transformer. 2.	629
386410	None	American Transformer Co	Notice of change of address. W	
386809	1-24	Fwd Director Nav Comm	- Proposed lease of circuits connecting wireless stations located at C.G. Sta 35 and 28 with Director Comm	com W
388775	1-27	To Lowenstein Radio Co	- Fwds vandyke copy of 1/2 kw radio transformer	W

TRANSFORMERS:

Number.	Date.	From or To—	Subject.
354003	9:26	Century Tel Const Co	Req copy of drawings showing transformers used for radio frequency amplifiers. to Wash. Dist. bldg int of building 60 and to Century T.C.Co. IC/2
356089	10:5	Norfolk	Req reply to let of 9:21 be expedited in con with special report on 10 kw transf W
356641	10/16	Norfolk	Standardization of radio transformers— Submits comments Norfolk vandykes showing assembly and and details of trans. IC/1 To Norfolk RE standardization of radio trans formers 11-26 Norfolk sends prints 3:10 To Norfolk asks re action taken 3-14 To NY. asks report 3-14
356855	10:24	American Transformer Co	Copy of letter to Norfolk station rec no information rec from bureau in con with proposed transformer and coils and drawings which are to be installed. W
357430	11:7	American R & T Corp	Req is included in list of mfgs of radio trans. W To American R & Research, not advisable to increase number of types of radio transformers 11-14

TRANSMISSIONS:

Number.	Date.	From or To—	Subject.
364391	10:23	MI	Test and inspec of 5 kw radio transformers, sub report covering.
373905	12/3	To Norf.	Asks size & quantities of wire & iron which will be required in the construction of transformers
373796	11/30	Inspr. EE Co.	Transfer from EE Co. to Norf. on 31st inst will be delayed about 7 days.
375080	12/4 Listed 12-27	Norfolk	Sub list of material req for mfg of one-half kw radio transformer of Norfolk design. To Norf-Reqts that complete set of instrns be prepared for the 1/2 KW transformer as Norf-Asks vandykes of instrns 1/2 kw radio transformer. Request that attention be paid to acceptance test of transformers
36143	12/13	To NY	629 1:25
377012	12/16	To Norf Yd.	Confing tele convsn. Number assignments to transformers made.

TRANSFORMERS.

1918

Number.	Date.	From or To—	Subject.
311597	5/29	S&A	Fwds list of transformers manufacturers -
✓ 311350	5-31	To American Transformer Co.	Repts modification be made in Type C.A.T. 517 one k.v. transformer American Transformer Co - Detailed comments: C-1
312715	6/4	To NY	Spokes for wave changer and loading coils - Fwd Bu 8 vandyke copies of drawings RY 61AA 401 to 410 incl. 876
✓ 314799	6/8	Amer Transformer Co	Fwds ~~print~~ print show appearance and overall dimensions of new 1 kv transformer with de- scriptions of reqst comments ch. 7
✓ 314249	6-8	To N Lond	report on radio tel. & tel. installation on sub. chasers- fws report-7 Canceled To Western Elec Co- ditto-6-8 Canceled

TRANSFORMERS.

Number.	Date.	From or To—	Subject.
297406		SEE CARD #12	New York—first copy of letter ~~to~~ of May 3 to General Insurance Co. W 6/10

TRANSFER LOG.

Number.	Date.	From or To—	Subject.
✓ 336576	8:7	Marconi Co.	Transformer for assignment of type number, fws drawings showing.
330916	~~8/22~~ 8/9	~~Stockholm, Sweden~~ NY	Reports on failure of transformers furnished
✓ 33576	/15	To Marconi Co.	
✓ 33576	/15	To Marconi Co.	
✓ 33576	/15	To Marconi Co.	
✓ 340508	8:22	American Trans Co	New one kw transformer on requisition 245, first four shipped Phila 17th. to (2) Ship Lab. of 221 kw transformers by exp. 8/27
✓ 344799	8/27	To Amer. Trans. Co.	Encl. copy of let. of 7/30. W
✓ 344799	9/12	To Inter.R.Tel. Co.	States that type # is CAT 1258. W
349504	9:6	M I Radio Lab	Report of test and inspection 2 1/2 kw transf.

TRANSFORMERS.

Number.	Date.	From or To—	Subject.
✓ 300164	4/22	American Transformer Co	composite Outlines dimensions of new plates 1/2 kw transformer and reactance-fwds prints. W
		To American Transformer Co	To American Transformer Co - U.S. Commission
		Stating it will not be necessary	same to be sent to Govt for test - 4-27
		to submit sample of transformer.	Amertrans Co-5/10-fwds copies of lctrs from
		to Norfolk, 5-15	Marconi & Wireless Co. Apts Cos in conn w
			composite radio transformers-(Copies not read) W
300235	4-25	To Yards	Radio Telegraph 1 KW Oil cooled transformers
		M is - submits information Re	Asks for report in re experience with
		experience with different types of	above type - W 1st report - 4-12-28 - by Fund. ✓
		transformers - 5/13 - W	Norfolk 5/8-Comments re increasing size of
		Phila - Richard Pfund - Re Litzendrac	of transformer. W
		transmitting variometers and load coils.	W 5-10 - ASD copy drawing RM 25F 14CA - 5-16
W 5-30		Norfolk - Fwds variometers 5-29	Boston recommends use of oil cool telefunken
✓ 301955	4-20	Maro Island	transformers. W 5:16
			Purist Sound. 6-1:16
			Fwds copy of radio laboratory test -
			report giving characteristics of 1 kw
			Wireless Specialty Apparatus Co trans-
			former. W
30551	4/29	Maro Island	Experimental transformers 1/2 KW 500 cycle
			reports on test. W
302944	5-5	To Norfolk	Test of radio transformers-asks status
			of test to late W
			Work - Transformer test of - fwds report. W 5-25
314799	7/30	Wrie Transformer Co	Old Number
		International Tel Co - 9:3	Expect to make shipment within two weeks. W 8:9
		To Inter. Tel Co. Encl. copy of l. t.	Int. Tel. Co. (1) Encl. copy of l. t.
		7/30 - 7/19	7/15
			American Trans Co 8, 16
			International Tel Co - 8/16
			Encl. copy of Bureau letter of 7/30

TRANS COMMENTS

Number.	Date.	From or To	Subject.
304878	4/26	G E Co	Fwds prints showing dimensions of transformers for A C ameters for arc sets. W
305821	4/30	Marconi Co	Fwds copy of Letr to American Transformer Co re instln of transformer in panel. W
306333	5-14	To Firms	Rest info as to experience in connection with oil cooled transformers-7 E J Simon gives views on comparative method of oil and air fuel transformers W 5:16 E. Lowenstein 5:18 Marconi Co - 5/29
310109	5-27	To NY	Reqs transformer tested for qualities listed W-S NY fws report on test on 5 kv leakage transformer submitted by Marconi Co. 6/10 Re Marconi. Report on transformer submitted. 5/16
311592	5/28	Pitts	Copy of letter to Packard Elec Co asking if are experiencing difficulty in securing delivery of raw materials for transformers -7

1917

✓11

TRANSFORMERS: RADIO.

Number.	Date.	From or To—	Subject.
✓262499	11/22	To <u>Amer Transformer Co</u>	Design of transformer which would interchange with audion sets of Simon, Marconi Co., etc. Companys will co-operate in designing. W
264240	11-28	Norf	5 kw. 500 cycle transformers manufactured on radio order 1916, status of: shipped to NY on Nov 28. W
✓267351	12/15	To <u>Marconi Co</u>	Fwds report covering tests on 1/2 KW transformers sent to A. 18, for inspection tests. Ask if defects mentioned therein have been eliminated. W
270988	12-26 12-3	<u>Amer Transformer Co</u> Communications	Fwds copies of letters from offering radio transformers to government. W
✓272269	1/10	To Firms	Submits information re proposal which will shortly be fwded for apparatus as listed, W
272196			Guantanamo 1-19
273192	1-10	Norf	Standard radio transformer; fwds print. W To Auth construction of 1/18
✓273466	1-9	Phila	Fwds copy of letter from <u>Amer Transformer Co</u> , forwarding transformer for test. W

TRANSFORMERS: RADIO. 904

Number.	Date.	From or To—	Subject.
272816	1/12	To NY	5 KW transformers. Reqt list of transformers have handled, and which have met with specns. Are going to standardize. W
273766	1-11	Marconi Co	Fwds copy of letter to NY, giving their measurements on a 5 kw radio transformer. W
273906	1-10	Phila	Confirms telephone conversation relative to transformer forwarded by the Amer Trans-mer Co for test. W
274406	1-15	Liberty Elec Corp	Acknowledges receipt of drawings and state have under process manufacture of a sample. W To—Directs deliver samples to Norf. 1/19 To Norf—1/21
✓ 280809	2/7	Liberty Elec Corp	Reports shipment of transformer for test. W
261732	SEE CARD 10	Amer Transformer Co—ask how transformers are to be mounted. W 3/5 To Wireless Spec Ap Co—3/6 Wireless Specialty Apparatus Co - fws complete set of drawings for transformer. W 3-26	To Wireless Spec Ap Co and Amer Trans Co— Ask if have fwsd drawings to Amer Trans Co. 2/23 To Amer Trans Co—2/23 Amer Trans Co—reports non receipt of drawings. W Wireless Specialty Apparatus Co - fws complete set of drawings for transformer. W 3-26
283971	2/25	To NY To Yards Firms—Fwds copy of letter from NY for comment. 3/13 To Firms—Reqt replies. 4/15	Efficiency measurements on transformers. Reqt recommendations as to most practicable method. W NY reports on transformer efficiency. W 3-8 CARD 12
4-3381	"I-measurments of transf efficiency (over) on radio lab - 6;16"		

TRANSFORMERS: RADIO.

Number.	Date.	From or To—	Subject.
/ 247044	8/30	NY	Norf transformers, 2 and 5 kw; test shows satisfactory in all respects. W
247640	9/5	Norf	5 kw, 500 cycle transformer, redesigned, combining variable external reactance within transformer: fws prints. W To—Appvs manu of one transformer. 11/2
248964	9/13	To NY	Semi-monthly radio report. R eqt certain information in connection with disposition of transformers, etc. W NY-states no four kw transmitters recd from Norf-only reactances recd. NY 11/2
/ 250123	9/14	S. A. Scott	Writes relative to purchase of oscillation transformer, etc. W To—9/22 NY Communication Supt fws correspondence from Herbert Scott and Lawrence M. Copka-day, relative to securing another transformer to carry out experiments with their new system for sending musical note 9/24 To Dist Com Supt via Nav Com—Auth tests. 9/29
30022	9-29	NY	1/2 kw power transformers, E. J. Simon Co; reqt instructions rel to use of insulating material. 629

904: TRANSFORMERS: RADIO

Number.	Date.	From or To--	Subject.	
252378	10/1	NY	Micanite tubes in radio transformers--states authority has been given to Wireless Company to substitute micanite for bakelite.	672
255792	10/19	NY	Submits report of investigation to determine cause of transformer failures. W To--11/10 To Norf--11/10 To NY--11/10 NY 1-21	
257328	10/27	Norf	500 kw. 500 cycle. transformer; request action on plan of redesign, forwarded Sept 5th. W	
258477	11/1	Norf	Transformers, reactances for; fwds plans. W.	
261729	11/19	To Norf	Test of transformers manufd by Amer Trans Co. Instrns re tests of. W To Amer Transformer Co--Directs submit apparatus to Norf for test. 11/19 Amer Transformer Co--11/20. W To NY--Ask if tests conducted are sufficient. 12/27	
261732	11/19	To Firms	1/2 KW radio transformer which will be interchangeable with all types of 1/2 KW radio panel sets. Directs co-operate with Amer Transformer Co in connection with. W Marconi Co 11/24 Emil J Simon 11/26 To Amer Transformer Co--Re procedure to follow. 12/29	CARD 11
262266	11/20	Amer Transformer Co	Reports on difficulties to secure elec constants and physical dimensions of 1/2 kw sets used on panel sets of Marconi, Simon and Wireless Improvement Co. W	

1916

TRANSFORMERS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 200002	9-21	F Lowenstein	Request testing transformer in connection low frequency set. W Fwd NY—authorizes. 9/23 To—NY auth to permit test. 9/23
✓ 207111	12-2	Marconi Co.	Transformers delivered at NY regn 187 176; fails to understand reflection on account of elec losses and mechanical defects. W Fwd NY—12/11/16 To—Have instructed NY to handle. 12/11
213008	1-30	NY	Regn 176; have assigned one sent S&A FRANK; request instructions re disposal of remainder. W o S&A—Shift reg. to NY. 2/16 To—Gives action taken. 2/19
✓ 228014	5/12	To Pursell Radio & Elec Co	Cannot use ten receiving transformers on hand. Are purchasing only standard equipment at present. 5/12 Co fwds patent 5/8
228618	5-16	Norrf	5 kw transformers and re-actances; fwds prints. W
✓ 234357	6/18	Norrf	2 and 5 kw transformers and reactances; fwds vandykes and prints of manufacturing in- structions for. W Norrf fwds prints 7/10

904 TRANSFORMERS: RADIO.

Number.	Date.	From or To—	Subject.
239437	7-13	Chasn	Confirms telephone conversation rel to Telefunken type transmitter M To—7/30 Chasn 8/7
239967	7/10 7/14	Thordarson Elec Co M Is	Request orders for transformers. W To M. Is.—7/30
242008	8/3	To E. J. Simon	Reqt overhaul dimension drawings covering transformers. W Simon fwsd outline prints 9/10
243048	8/9	NY	Not transformers: report of test will be forwarded about August 13th. W
243433	8/10	Thordarson Elec Mfg Co	Transformers; request copy of specs. W To—8/21
244764	8/20	RB 1-3 Fwd NY—1/4 To NY—Auth make propriatary reqn for necessary transformers 11/24 To Atl Com Co GE Co request price for manf 9/26 2 K.W. transformers. W To NY—Directs prepare reqn for 6 transformers. 10/1 RB 11/16 To Norf via S&A—instrns. 10/2 To Harris	Reqt quotations on delivery of six 1 K.W. and six 2 K.W. transmitters. 9/5 NY 11/13 Fwsd specs covering transformers. W
245613	8/30		

TRANSFORMERS: RADIO.

1914

Number.	Date.	From or To--	Subject.	
114292	1-2	NY 960-1	Oscillation transformers; revised estimate. To---appd. 1/8	W
114874	1/13	NY	At. Com. Co. a paratus: all material has been finally accepted except special transformer under contract 546.	876
114857	1/6	NY	Reports issue of material under cont. 546, covering motor generators, transformers.	876
115251	1-24	Wireless Spec. App. Co.	States have perfected oscillation transformer which believes does away with so-called infringement.	W
116838	2-3	NY	Transformer turned in by GALVESTON; reports re-rating of. To---turning into reserve stock appd. 2/6 Fwd CO via Pug. Sd. 2/6	
No "	3/12	To NY	NY recn. 1515 for hand keys for radio; asks if possible to design and mfr at yard; if so, mfr authorized. N&R	
120791	3-24	GE Co	High voltage transformer suitable for making high potential tests, radio; reqt Bu send representative to examine. To---3/30.	W

TRANSFORMERS: RADIO 904

Number.	Date.	From or To—	Subject.	
124475	5-7	NY 935-855-11	Transformer from Marconi Co. Reports on test of: submits photos. W To—To Marconi Co. new type of transformer approved for del. upon all outstanding contracts. 5/11	
130365	7/20	To GE & Pitts.	Mercury converter; request printed information as mfrd by Westinghouse Co. and GE Co. W Pitts fwds report 7-24 To Pitts, returns receipt for technical data. 7/27. GE fwds printed matter 7-28	
133360	8-29	N.Y.	Records. for new - in connection with M.I. alternator	882-3
✓134027	9-1 9-8	Henry, A.M. Dept	Oscillation transformer; writes on behalf of Charles Horton. L To— He would be pleased to receive details and descriptions. 9/10	
141891	12-11	M.I.	Estimate for	882-3
✓152586	4-2	M. Is	Fwds sample of bakelite impregnated wire; taken from NERO set; mfg by Wireless Imp Co. W	
190816	6/13	Norfolk	Portable transformer; believe Weston Co will undertake manufacture; Norfolk Laboratory	916-4
182374	6/23	To NY	SAN FRANCISCO; submit requisition for transformer	389-6

1916

TRANSFORMERS.

Number.	Date.	From or To—	Subject.
✓ 284515	2/27	To Amer Trans Former Co	Rec communicate with Amer Rolling Mill Co re steel for high frequency transformers. To Amer Rolling Mill Co—Gives action. To Wm. S. Stephenson—Fwds copies of above. 2/27 Amer transformer to states less in transformer at the cycles depends mostly on thickness of sheet. "
285893	3-1	American Transformer Co.	~~Relative to airplane wrecking derricks~~ ~~for use on the coast of Alaska with air-~~ ~~line relative to type to be~~ ~~transmtd.~~ States prices on transformers and rel. promises. " Belden Mfg Co—Unable to give definite promise on American Transformer order. 3/3 Belden Mfg Co—Unable to give definite date of delivery of material for American Transformer Co. 3-3 Ask delivery date Amer Transformer Co their order 7252. Material urgently needed. W
✓ 285446	3/2	To Belden Mfg. Co	Ask best delivery Amer Transformer order 7252. W
✓ 285883	3/4	To Belden Mfg. Co T	Belden Mfg Co—fws copy of letter to the Amer Transformer Co re shipment. W
1286627	3/8	To Century Telephone Constr Co	Directs fwd weekly report to Bu of number of transformers shipt, and also prospects of completing remainder of contr. W
	3/13	Century Tel Co-3/13	Century Telephone Co 3-27
	4/11	To Schedule satis to Bu. 3/21	To Century Tel Co-5-6
		Century Tel Co-4/20	

904: TRANSFORMERS.

Number.	Date.	From or To—	Subject.
288765	3/12	Westinghouse Co To Norf—Fwds copy of letter to company. Instrns re submitting future reqns for radio apparatus. 4/3	Transformer for 5 kw sets—reqt copy specs called for on reqn. To—3/14 Westinghouse E&M Co—states have had no experience. 3/25 To—4/3
288765	3-19	Norf To Norf—Fwds copy of letter to company. Instrns re submitting future reqns for radio apparatus. 4/3	Transformer for 5 kw sets—reqt copy specs called for on reqn. To—3/14 Westinghouse E&M Co—states have had no experience. 3/25 To—4/3
283971	CARD 11	Norf To Norf—Fwds copy of letter to company. Instrns re submitting future reqns for radio apparatus. 4/3	Transformer for 5 kw sets—reqt copy specs called for on reqn. To—3/14 Westinghouse E&M Co—states have had no experience. 3/25 To—4/3
296964	3-26 4-9	Edison Storage Bat Co Ports VOID	Transformer for 5 kw sets—reqt copy specs called for on reqn. To—3/14 Westinghouse E&M Co—states have had no experience. 3/25 To—4/3
296841	4-1	1 Is To Mare Island—5-14 Mare Is. and 5/3	Transformer for 5 kw sets—reqt copy specs called for on reqn. To—3/14 Westinghouse E&M Co—states have had no experience. 3/25 To—4/3
297406	4-11	NY To Gen. Insulat Co—5-3 To Gen. Insulat Co—5-3	Transformer for 5 kw sets—reqt copy specs called for on reqn. To—3/14 Westinghouse E&M Co—states have had no experience. 3/25 To—4/3
297719	4/12	GE Co	Transformer for 5 kw sets—reqt copy specs called for on reqn. To—3/14 Westinghouse E&M Co—states have had no experience. 3/25 To—4/3

1913

Number.	Date.	From or To--	Subject.	
97445	5/16	Atlantic Comm. Co.	2 & 5 Kw sets, asks if transformer must have solid insulation.	875
98097	5-24	Atlantic Communication Co.	Transformers for 5 kw sets: will take 3 months to obtain 7 from Berlin; can make arrangements to manufacture in this country and deliver by July 1st price \$120. w Fwd S&A Request Co. be informed that their offer is accepted. 5/27. S&A At. Com. Co. accepts order. 5-28 Fwd S&A. 5/29.	
97198	4/25	Pu. Sd	PITTSBURG, cont. 17447, transformer furnished by Telefunken Co. has proven defective	342--6
100372	6/13	C.O.	MINNESOTA: reports breaking down of, and gives description of name plate	290--6
101194	7-8	NY 855-30	Standard oscillation: reqt. authority to develop improved type. To---appd. 7/11.	
101195	7-7	NY	Relative to transformer to be supplied reports on difficulties in using telefunken type.	117-6
103878	8/13	Pac. Flt.	GALVESTON: transformer from WEST VIRGINIA installed to prevent delay, one received from NY wrong voltage.	212--6

904 TRANSFORMERS

Number.	Date.	From or To—	Subject.	
546	10/23	At. Com. Co.	States have delivered 9 transformers with solid and one with oil insulation, instead of 8 and 2 as called for.	629
✓109203	10-31	Marconi Co	Invites attention to new closed core transformer. W To---directs communicate with yard in regard to tests. 11/1 and 12/11/1	
110042	10/17	C.O.	Reports receipt of new Auto transformer for radio, reqt instructions re disposition of old. 363-6	
110372	11/14	Arlington	Reqd Wash. Yd mfr primary for oscillation transformer for 5 Kw set.	841
✓111491	11-28	NY 870-855-9	Oscillation transformer; reqt. that supplemental contract be made with Westinghouse Co. for extra Micarda tubes; also contract with Electrode Mf. Co for additional insulat. os. W To---recon 167 submitted for. 12/1.	
111410	11/26	NY	PENSACOLA: have no rotary converter, gives list of motor gen. sets which can be substituted	827
113313	12/20	Ord	ARLINGTON: oscillation transformer, est for mfr	841

TRANSFORMERS. W.T.

1912

Number.	Date.	From or To—	Subject.	
83468	11/25	To Nat.E.Sig.Co.	Cont. 13525: trouble experienced principally with armature reactance of alternator. Requests specifications to enable purchasing suitable alternator. W	
83616	11/23	NY	NEW ORLEANS Sta: reqt additional data re size, believes has one in stock.	821
84075	12-3	Nat.Elec.Sig.Co	Gives description of alternator furnished with transformer under contract 13525. W	
84158	12/4	W.Ia.	DENVER: primary variometer. Telefunken set burned out, reqt auth. to ship new via Cleveland.	184--6
84545	12-7	Telefunken Co	Defective variometers issued to CLEVELAND and DES MOINES. Gives probable cause of trouble but will not make any charge for new. W To:-- & CLEVELAND & S&A. & NY. Instructions re returning variometer to Co. 12/10. RE 12-18 NY Fwd S&A. Regsts G3K NY be instructed re parts to be returned to Co. 12/18. RE - E RE 12 24-Cleveland	
87127	1/4 1/6	Telefunken Co. NY	1913 Requests that defective variometer returned by the DES MOINES be returned to them. W	

TRANSFORMERS: W.T. 904

1013

Number.	Date.	From or To--	Subject.
88621	1-24	NY	Variometer received from CLEVELAND; if failure due to defective insulation Telefunken Co. will not replace free of cost. W. To---Believed coil was defective. 1/27 NY have supplied new variometer EX CLEVELAND. 1-31
17854	2/6	Pitts	Transformers for Pearl Harbor, copy of report 629
91486	2-17	Telefunken Co.	Fwds report on defective variometer turned in by CLEVELAND, W. Fwd NY comment: repairs authorized. 3/5. RE 5-10
94184	4-3	NY	Variometer supplied by Telefunken for 2 low sets; numerous breakdowns; Manager reqd. permission to delay replacing until new factory is in operation; recommends that one spiral coils be furnished ships pending replacements. W. To---approves mfr for stock of six flat spiral coils. 4/7. To---CO. S&A request shipment of one flat spiral coil to the TENNESSEE. 4/8 NY yard 4/16. will mfr for TENNESSEE. W
96317	4/28	Pac. Res. Fleet	Pittsburg, transformer, states one furnished by Pug. Sd. not of proper capacity. 342-6

TRANSFORMERS, W.T.

1910

Number.	Date.	From or To—	Subject.	
69906	5/27	C.O.	BAILLY: rect transformer furnished by F. Lowenstein be exchanged.	124--6
72428	6/28	NY	Reports on test of transformer, etc., furnished by wireless Imp. Co. for key test.	898
72860	7/8	To NY	CONNECTICUT: Quotes report on transformer radio set; requests comments.	of 169-6
73058	7/10	NY	CONNECTICUT: Spare transformer shipped 7-3; taken from set furnished by Ed Co. cont. 14344. Rec damaged one be returned to yard for repairs.	169-6
73283	7/10	Norfolk.	CONNECTICUT: transformer; est for repairs.	169-6
74153	7/23	Ord.	NEW YORK: report on Rotary converters and transformers made by Board on S. CAROLINA in connection with.	131--4
✓ 74819	8/2	To G.E. Co. & S&A.	Transformer #769702: being shipped from Washn yard for repairs; request shipment order. GE estimate for repairs. 9-10 To--GE has submitted reqn to cover 9/13	
78134	9/16	To Wash	Current transformer, reqd for repairs to.	

TRANSFORMERS: W.T. 904

Number.	Date.	From or To--	Subject.
79326	10-1	GE Co.	Asks if transformers for radio work: if Bureau will accept those used with oil insulation in iron case; also data on time signals, and radio code. W. To-- 10/3
✓ 80975	10/24	To Telefunken Co.	Primary variometer coils: great difficulty experienced with those supplied under contract 14747 -- burned out on DENVER, CLEVELAND and DES MOINES. Asks information as to means proposed employing in future to remedy these defects. W. To NY and the 3 ships. Asks if apparatus has been ret to NY for repairs. 10/25. RB II-29-11 NY reports non-receipt material W. 11-1 DES MOINES, will ship via BRUTUS. 11-2 CLEVELAND 11-8 DES MOINES shipped via BRUTUS 11-17
✓ 81264	10-28	Telefunken Co.	Replies re complains defective variometers on sets supplied under contract 14747. W. reports To-- Ask. 10/29. To DENVER, DES MOINES, and CLEVELAND. Fwds copy of Co's letter. cause. 12-7 requests full report. 10/30. DES MOINES 11-8 ret. one to NY yard. 11/28. DENVER 11-19 and ships
81577	11/1	Boat	LIGHT VESSEL, transformer for. Diehl do not mfr 678
✓ 81990	10-28	Telefunken Co.	Defective variometers: rect. one from DES MOINES be returned to Company for examination without being tampered with by Govn. Believe defects caused by overloading. W. Fwd 3A Rec old coil be shipped to Telefunken Co. 11/8.
83037	11/17	C.O.	DES MOINES, rect additional variometer be supplied, present one broken, unable to repair. 185--6
83141	11/21	New Orleans	Transformer broken down, station out of com. 921

Number.	Date.	From or To—	Subject.	
59274	1/22	To STEINGHAM, DOLPHIN & Academy	RECEIVING & S. Sets: fwsd copy of directions for operating the transformer and quenched spark gap of wireless set.	898
59711	1/27	To NY	RECEIVING SET: transformers and quenched spark gaps delivered under S2A Bu. reqn 188. Directs install one set on Roe ship as follows: one set each to Mars, Hector & Vulcan, four to Cavite for Asiatic Fleet. Fwsd copies of directions for operating.	898
55908	2/14	To NY	Sched. 4084: 8 transformers for WIRELESS outfit of TBDS & Colliers:	706
61542	2/14	NY	RECEIVER: fwsd prints of directions for using transformer with quenched spark set	898
62217	2/27	NY	APIAR: reports distribution of 2 kw motor generators and transformers furnished under reqn 260. 2 outfits remain instore	876
62614	2-23	Pug. Sd 293 OREGON	Reqt. to be advised of status of reqn. 293 covering: United W. T. Co. refuse to make further delivery. W To---Should be obtained elsewhere. 3/9. Pug. Sd. 444 cancel reqn. 3/16 W-B Fwd S2A rec reqn. be canceled. 3/22.	
62512	3/4	To S2A	MISSISSIPPI: Request shipment of one Shoe-maker 5-K.W. transformer from NY to Phila. 291-6	
64297	3/20	Ports	PORTS: reports stubbing out transformer: asks if it shall be removed from store owing to low state of funds.	832

TRANSFORMERS: W.T. 904

Number.	Date.	From or To—	Subject.	
✓ 65305	4-23	Lowenstein, F.	Has made improvements in; offers to alter one supplied Key West free of charge. W To---Wd NY. directs NY permit removal in order that improvements may be made. 4/5. R 4-17	
✓ 67066	4-24	Marconi Co T	Have new type converter; supplies half space Part. Mr. Martin be detailed to examine; telephone action. W To---NY. directs NY permit removal in order that improvements may be made. 4/5. R 4-17	
✓ 67202	1/25	Marconi W.T. Co. (Letter and Telegram)	States impossible to send a new 500 cycle 500 W. to NY yard. To be sent to their works to examine. W To---NY. directs NY permit removal in order that improvements may be made. 4/5. R 4-17	
✓ 67581	4-30	Marconi W.T. Co.	Replies to Bureau's comments on oscillation transformers; can manufacture to test requirements; comments also on set to be supplied on contracts 251 and 251; capacity of set and price on Weston frequency meters. W To---Comments. 5/4.	
67787	5/3	To NY & S&A	JUPITER: 500-cycle radio transformer, purchased under ISA regn 116, for, to be retained at NY for some other station. New outfit assigned to Jupiter.	816
✓ 68300	5-8	Marconi Co	Replies to Bureau's letter May 4th, 67581-900 in reference to set lost and states exact capacity can be gained by removing the plate from series. W To---Act. E. 10.	

Number.	Date.	From or To—	Subject.	
42324	6/27	Nat. Elec. Sig. Co.	SYSTEMS: Calls attention to new 2-k.w. transformer and quenched spark gap developed by Mr. Simon. reqt opportunity to have tested.	901
✓ 46031	8/7	Pug. Sd 2355	Reports test of Kilbourne, 500 cycle rotary converter. To Kilbourne & Co. For arls copy of report 6/22.	
46275	8/11	NY	ALLABAM: reports test of apparatus rec'd from Wireless Elec. App. Co. 500 cycle, consisting of generators & transformers	876
47099	8/16	C.C.	MARIETTA: reqt new transformer for	278--6
52712	11/4	To NY	TESTS: transformer, two kilowatt, 60-cycle: asks if there is one at yard available for experimental purposes at Washn Id.	903
53041	11/8	NY	TESTS: reports 2 transformers in store available for testing purposes	903
53363	11/10	Phila 2041-9	Asks what disposition made of rotary converter for wireless tested at Id. W To--Retain at W. Sta. until shipment is recd. 12/5.	
✓ 53884	11/15	Dier, W.A.	Asks if Clapp Eastham transformers used in wireless work are satisfactory. To--Gives information. 12/6.	
55781	12/8	NY	Reports on inspection & test of quench spark gap and transformers. Reqn 188-Bu.	898

Transformers, 904

Number.	Date.	From or To—	Subject.	
55979	12/5	M. Is.	GOLDSBORO, CH: mfr and install inductively cabled oscillation transformers and make alterations to spark gaps.	218--6
55980	12/5	do	HOPKINS: do	233--6
55882	12/5		Hull:	235--6
55983	12/5	M. Is.	IROQUOIS: do	246--6
55978	12/5	M. Is.	FREBLE: do	361--6
55986	12/5	M. Is.	STEWART: do	413--6
55981	12/5	M. Is.	TRUXTON: do	450--6
55984	12/5	M. Is.	WHIPPEL do	479--6
56188	12/5	M. Is.	PAUL JONES: do	338--6
56855	12/25	East	NASHVILLE. transformer received from Ports not item called for: no other at Ports. etc	306--6
			1912	
J 57760	1/3	Dier, W.A.	Reqt. to be informed result of test of Clapp Eastham transformers. W no test not entirely satisfactory. 1/6. To Clapp-Eastham Co. Bu solicits test at Bu. Standards, new type 1-1/2" wireless set with rotary spark gap. 1/6.	
58426	1/10	Clapp Eastham Co	States are forwarding 2 low unchoked spark transmitting set and transformer to Nav. Lab. W To sci. 1/15.	

TRANSFORMERS: WIRELESS:

FILE No.	From or To— (Dated)	Subject.	
✓ 33343 3/8	TO Nat. Elec. Sig. Co	Under contract 341: unsuitable and does not make requirements as specified in reqn. on which contract is based. W	
33756 3/13	Telefunken W.T.Co.	APPARATUS: quotes price on: & Motor gen set for 2 & 5 Kw sets	876
33993 3/17	NY	APPARATUS: Garwood Elec. Co. not mfg generators or transformers	876
34102 2/24 3/14	Nat. E. Sig. Co S&A 112612	Relative to rejection of transformers on contract 341: Fire Island. W Fwd Dept. Understood that contrs will make good 3/25.	
✓ 34040 3/16	Nat. E. Sig. Co	representative Suggests GE Co. have visit New York Yd. and take matter up personally with Mr. Martin relative to failure of transformer to meet requirements. W Fwd N.Y. 3/20. R.B.3/25	
35333 3/23	Ing. Sd	OREGON: recommends cancellation of award for transformer for wireless set and submission of new requisition: gives specifications to be incorporated in.	325--6
35761 4/8	Brook	Cont.	
35912 4/11	To Norf.	Norf. W.T. fws a copy of reqn 290 oscillation.	324
36251 4/15	To Pug. Sd	OREGON: fws copy of reqn 295	
38423 5/11	To C.O.	NEW HAMPSHIRE: reqn for induction coil disapproved: make reqn for transformer: Will transfer condemned compressed air condenser to some other station.	312--6



TRANSFORMERS: WIRELESS:/

FILE No.	From or To— (Dated)	Subject.	
28808 1/10	Lowenstein, F.	Quotes prices on, and gaps for quenched spark operations. (W) To N.Y. Regn will be prepared for 1/11. To N.Y. fws. copy of Reg n. 1/15	
29322 1/18	Key West	DIXIE: reqts action re furnishing	188--6
✓ 29417 1/17	NY 855705-121	Quenched spark gaps and transformers: regn. 188: asks for what vessels. Cont. 12874. To -- assignmt not fully decided 1/20.	
30673 2/2	To NY	GEN. INT & Transformers: reqt self induction of armatures be measured	382--3
✓ 30815 2/3	Lowenstein, F.	AND spark gaps: contract 326: requests to be informed self inductance of generators: jar capacity of condensers. W Fwd N.Y. to fur. information recd 2/4. R.B.2/8	
30798 2/3	To NY3d	ST AUGUSTINE: transmitter racks: directs transformer be made of inductively coupled type	834
30850 2/2	NY	FIRE ISLAND: reports rejection of 51st transformer reactance regulator: cont. 341-n.	812
31141 2/8	To S&A	Cont. 14418: Motor generators & transformers for wireless purposes. S.A. reqt point of delivery be changed to N.Y.	629
31349 2/10	Brook	DIXIE: fws test report on	188--6
32427 2/25	To Wash	fws copy of regn 231 8 covering wireless transformers and inductances, etc	876
33159 3/7	Phila	APARATUS: transformer & inductances: reports airt for shipment to Wash	876
332/3 3/7	Nat. Elec. Sig. Co.	CAPE Henlopen: fws bill for oscillating:	804



Number.	Date.	From or To—	Subject.
620733	5/3	To Inmr Groupa Hqnd.	Inform on Motor Generator For 30 nd Trans- mitter W
627023	6/7	T. Manning	Request instructions rel to adjusting tuner to various wave lengths. W. To Tracy Manning- Gives suggestions 6/14
55070	12/27	Washington	Submits report on inspection of sample type SE 1772 antenna tuning system submitted by DeForrest Co W 629

TUNERS EMC

1920

Number.	Date.	From or To—	Subject.	
527759	10/20 11/3	Great Lakes 9th Dist.	Proposed tuners for shore radio stations; wds data in conn with: (data not enclosed)	W.
		see confidential files	and Washn 12/1 RB 12/27 W	
548510	2/14 2/25	Bakelite Co. N.Y.	Request authority to use article cov 5 KW wave changer of tuning coil built up by Bakelite sheet for advertisement purposes.	W
13639-197	2/10	Comdt. M.I. — Eng	Radio Telegraph— Tunas for shore radio stations of the Naval Comm. service on the Gt. Lakes Alaska Pacif. C	
13645-197-W	2/24	Eng—D.N.C.	Radio Tele Wave lengthh assignments for shore stations.	
13645-197	2/18	Eng—All Comdts	Radio Telegraph— Wave lenght assignment for shore stations.	
13639-197	3/9/21	Comdt— Bu Eng Radio Telegraph	Tunes for shore radio stations on the Pacific Coast and in the Pacific.	
13629-197-W	3/21/21	Eng Commu	Radio Telegraph Tunes for shore radio stations of the U.S.N. Communication service— Comment on.	

1921

Number.	Date.	From or To—	Subject.
566524	5/27	Dept 810 ✓	Fwds copy of patent and description, by Capt. G. Hill, covering wave changer for radio transmitters designed for use on two or more antennas—also general data regarding claim in conn with.
—BELOW			Authd 8/13 RB 9/6 W
567785	6/4	see below— Communications	To G. Hill— Dept 11/28— Fwds plans of Capt. J. Hill cov award for developing wave changer. W. Beneficial Suggs To Dept— Beneficial suggestion 1/4/22 In conn with length of working waves for shore stations. W
578779	8/6	To Commandants	Directs radial transmitters on vessels for 914 over haul at yards be not returned by yard. Force unless Slip a radio off. asq. bases in returning. W
14005-595	5/18/21	Eng D.N.C.	Radio Telegraph— New length assignments for Shore Radio Stations of the Naval Communication service.
15629-595	6/2/21	Eng D.N.C.	Radio Telegraph— Tunes for shore Radio stations of the Naval Commu. service.
13629-595	8/19/21	Eng D.N.C.	Radio Telegraph— Tunes for Shore Radio stations of Naval Commu. service.
566524	FROM ABOVE		To Dept— Beneficial suggestion—1/4/22— RB 1/9 a proving award of 2500 to Hill and 2500 to Lark. W Fwd Dept 1/12 RB 1/17 W.

Number.	Date.	From or To—	Subject.	
488703	4/20	...	proposed coupling control for Navy standard wave channels - finds prints with comments on.W	
✓490255	4/27	Bar Harbor Copy	British station request use wave more remote. X 842 Bar Harbor 4/29 Copy W.	W.
491822	4/20 5/5	Seattle Radio Sta. Communications Pug. Sd. - Report on radiation, Marsh Field, and Seattle Stations. 6/9 W	Request be authorized to work ship's equipt with continuous wave transmitters on 2400 meters instead of 600 To Comdt Puget Sd. rel adjustment to wave length of 2400 meters 5/7 copy Com PCCS DCS Seattle and Marsh Field Stations adjusted for operation on 2400 meter wave lengths. 5/19 Y. To Comdt Puget Sd. adjustment to wave length of 2400 meters 5-26 copy Com and PCCS DCS, 13th Mars. 5/19 on 13 tone traps.	W
493400	4/30	Mar. Island		
494024	3/23 5/13	CO UTAH Atlantic Fleet	Subm comments on operation of new forced tune system apparatus during visit to Southern waters. Atlantic Fleet - Subm comments from CO FLCMA. 5/13 Y Atlantic Fleet - Report of CO UTAH. 5/18 W	W

TUNERS: ETC

Number.	Date.	From or To—	Subject.
✓ 502490	6/30	3 r Stand. Labr	Subm report on standardization of transmitted wave lengths.
✓ 508963	7/14	Pearl Harbor	Copy detailed instruction and information re: wave lengths for Naval vessels and aircraft. W. To Comt Pearl Harbor. 8/11
515667	8/30	Mare Island	Ask if Bureau in position to assign transmitting waves to various stations. W.
517651	9-16	Phila	Request wave lengths of various classes of ships; W fwd Comm 9/24
517934	8-28 9-17	H.G. Cades Dept	Communications— Gives policy covering equipt. of Naval vessels for receiving. 9/28 W 914 To Wshn 10/4 Makes beneficial suggestion for money award on means of eliminating undesired frequencies in radio work. W (Rewards) fwd Sec 10/21 RE 10/23 W
✓ 524569	11/4	N.Y.	Proposed laminated contact for incorporation in Navy Standard wave changer— fws print with comments on. W.

TUNERS, ETC.

Number.	Date.	From or To	Subject.	
446915	9/22	Wash Yrd	Type SE 84 tons testers, sug infor be obtained from various yards, asks as to future demand. To Cdt, Washington does not rec purchase 10/4	
462850	11/25 12/5	PCCS L Is	Wave lengths in use in radio stations in 12th Dist - fws correspondence in connection with - Fwd D.N.C. - copy to Comdt Mare Is. 12-15 Lare Island - Request action. 4/19 W	
465084	12/16	Mare Island	Calling waves at Stations in 15th Dist - fws correspondence in conn with X 895. To Pub Bd - 1-10 copy to L Is. Pub Bd. 2/21	W
466488	1/3	Puget Sound	Fws letter from Gunner C. F. Miller with sketch showing locking of loading coil for 5 kW heavy standard transmitter. 10 PAC PBT-1-14	W.
467801	1/10	To Wash Yd	Fws prints of force line System, radio apparatus.	75
467429	1/14	Fed. Tels. Co. T To Fed Tel (T) 1-17 Fwd D.N.C. 1-17 RB-1:21	Subm recommendations in conn with changes in wave lengths & that same may be used by shipping board vessels. A 771-2 ✓	W.

Number.	Date.	From or To—	Subject.
✓ 471780	1:22 Norf. 2/5 Boston 2/4 To Comm 2/10 To Com 2/10	Comm	Retubing of radio transmitters—suggests same be 2400 meters. To Boston reqst report 1/27 copy Com Boston and Bar Harbor, W To Norf 1/27 To NY-1:31 To Comm 2/3
473203	1:26	Pug Sd	Calls attention to errors in prints of forced tune station. W
✓ 473781	1/27	ac. Fleet	Tunes for Naval vessels and aircraft— gives wave length specified for various classes of vessels. W.
✓ 481810	3/5	Bu. Stand.	Fwds paper by Dr Austin on "Tuning Receiving Sets." - W
✓ 482347	3/18 To Washn. problem complete 8-14 Washn.- Byvis vandykes- 8/25 W.	Wash	New wave lengths assigned to emergency spark transmitters for Destroyers - necessary to add sufficient inductance in primary circuit - ask if I'd shall undertake - W To Comdt Washngt n 3/25 Assign Byvis vandyke of design of addtl loading inductance. 8/11 W To Comdt Washn. reqst prints 8-12
✓ 488234	4/13	Pug. Sd.	Spanner wrench for use with piping contact nut: ins. later fittings for antenna lead fwd prints with recommended changes. W.

TUNERS; ETC.

Number.	Date.	From or To.	Subject.	
✓ 390089	1:28	GE Co	Order cov tone trap not yet received. asks if shall mfg. To-- Asks that confirmation of price be fwd'd and contract will be sent them 2-1 GE Co- 2:5	W
✓ 392238	2:4	Inst of Radio Engrs	Asks if bureau interested in writing paper on ship radio com at various wave lengths. To-- Dir refd to Director Naval Communications as being matter under his cognizance. 2-10 Fwd Dir Nav Comm 2-10	W
388585	2-8	To N O	Resume Annapolis test 17,000 meters until Feb. 18th - W	
✓ 396118	2:17	Com	Sub list of work tunes to be used when trans official traffic stations listed. To-- States that work wave has been assigned to Type for transmission. 2/20 To-- States that work wave has been assigned to Bar Harbor. 2/20 To-- States that work wave has been assigned to Cape Hatteras. 2-20 2nd District 3/1 Cape May-Letter of 17th being complied with. W 3:2	W
397808	2:17	MI	Wave change drawings with dimensions properly marked. fws.	W

Number.	Date.	From or To--	Subject.
✓ 409461	3:20 4:7	American Embassy, Paris Naval Intel	Multivibrator, tuning fork and exper notice for use Inter-Allied Com, req be furnished. To Naval Intel- acknow of receipt 4-16 To Inter-Allied Radio Com. acknow receipt 4-21 To Naval Intel Director-Acklgs receipt of tuning fork. 4-26 W Naval Intel- 4:28
7 412753	4:19	Com	Ends letter from Com superintendent re req information concerning tuning on naval vessels. W
435158	7/28	To N.Y.	Sec of Navy establishing wave length of 750 919-1 meters for all radio work. reqs stations 2nd list- 3-11-33 to N.Y. 7/29 to Wash ditto 7/29. to Chasn 7/29 to No ditto 7/29.
202061	From Card 9		Wash- New Orleans coil beam comped and will be shipped about 22nd, reqs that articles be purchased from Fed Co and balance of order be cancelled. Cross to 821. To Washington- cane of job orders covering mfg of coil for stations Guantanamo Key West and Chasn- arranged with Fed Co for installa at Guantanamo 9/24

TUNERS: ETC.

Number.	Date.	From or To	Subject.
311636	5/28	Marconi Co ✓	Request Bureau's assistance in obtaining delivery of canvas and bilecto spikes from Electros Manuf Co - "W" Electros Mfg. Co 6:6
312608	6/1	NY	Fwds. retraced drawing showing one KW loading coil - "W"
314871	6/7	Marconi Co	Wave changer reqst permission to proceed with mfe in accord w same dwgs used on tr 33864 to Marconi. Author. above. 7/1/17
315641	6/10	Wireless Specialty Apts Co	Fwds wave length tables. "W"
318416	6:18	Phila.	Reqs vandykes showing waive changes.

TUNERS: ETC

Number.	Date.	From or To--	Subject.
326264	7:13	Dr <u>L W Austin</u>	Submits report on resonments for radio tel.
322755	6:28	New York	Fwds test one k w transmitter. W
365570	10:21	18th Dist	Rec re lacing of radio tuners on scout patrols, Atl Sec.
351315	9:16	M I	Waive changes and req vandykes. To L Is Rds vandykes rstt, 9-28
365977	10:24	Marconi Co	Have been using building trade on waive changers. W
377387	12/13	Phila	Conf tel covnren re to change in waive length of radio set for destroyer
387547	1:13 1:20	New Brunswick Com Superintendent	Sub report of test of out going coil.

876

1918

TUNERS: ETC

Number.	Date.	From or To—	Subject.
301943	4-27	NY	5 KW loading coils - fwds prints. W
301701	4-30	To NY	Radio Tel. Inductance-Drawing NY 33F 171-4-30 New York fwds blue print showing transmitter inducting coils. W 5:13
302817	5-3	To NY	Radio Tel. Standard wave changer and load- ing coil spokes- Encloses letter form Electrase Co To Electrase Co-Deliver samples se of spokes to NY for test-if not already done so--5-3 Electrase Mfg Co 5/7-Will fwd. complete set of spokes to NY if so desired. To New York stating samples of spokes have been delivered for approval, and asking for recommendation, 5-13 New York 5:18
305094	5/8	NY	1 K W loading coil for panel mounting- fwds prints.W To New York re suggestions for allowing drawing of loading coil for panel mounting, 5-13 New York - Repts prints; 5:18
305124	4/29 Mare Island Mare Island TEL- 126 meter radio set ship 5-23 W 5:23	Mare Island	Fwds report on wave lengths.W TEL. Mare Island can ship transmitter 5:18 equip. with motor generator salvaged for Mill. W 5:13 To Mare Island (C)- Bu urgent need of short wave transmitters with power for 25 miles. Wire cost and date you could complete set as described in ~~3~~ 140 A ~~126~~ 126 meter wave desired tuning must be sharp continuous wave not desired-5-11 To (T) Mare Island-For one twenty six meter radio set using salvaged motor generator Receiver desired-ship wash Yd express urgent Notify Bu bill in 1-3 on shipped 5-14

Number.	Date.	From or To-	Subject.
306315	5;10	New York	Fwds drawings of 1 k w loading coils W
306040	5-14	To NY	Fwd Bu 5 vandyke copies and 2 blue print copies later after t on Dr. ing RT 34F 157A-5-14 New York fws prints, 5;22 W
307086	5-16	To Marconi Co Internat'l R. F. Co - Data might be secured from Marconi Co - 5/6 Co. - 5/6 of 5/5	Rest report and the necessary curves being rectified and fixed covering the self and mutual inductance of coils coils and have charge's with both 10 and 19 curr coils as shown on radio drawings IC 45FIC911 To Int Radio Tel Co- Ditto--5-16 Marconi Co--fws prints of data secured by test set of inductance curves for panel sets 5/29. Marconi Co. Fwds prints, 5;5. W
307087	5-17	To Manhattan Elec Sup Co	Returning one radio tone tester, W
307666	5;16	New York	Recommends pin on 5 k w wheel type in- ductance be eliminated. W
309746	5;23	New York	Fwds drawings showing 10 k w transmitters indicating coils. W

TUNERS, ETC.

Number.	Date.	From or To	Subject.
290701	3/21	To Wash	Tone tester, type SE 84. Recommendations re modifications to make in. W
292116	3/22	NY	Loading coils-1 kw - fws plans.W To--Appvs changes indicated.3/26 To--4/5
292864	3/25	NY	2 kw loading coils fws copy of migring instrns giving ~~status~~ data of precaution to be exercised while migring.W To NY--4/2
292231	3/26	To NY	5 KW loading coil mounting. Ask if have been mounted on wave changer as indicated on drawing.W NY--recommendations 2/4/2
293979	3-30	Foots Pierson & Co	Induction coil - quotes price - largest they have on hand is "12". DA
294940	4/4	To NY	Reqt for radio drawings listed. W NY--loading coils-fws plan. 4/10 To NY-- App. and assignment of type numbers to 1-KW loading coils--4-30
294802	4/5	To NY	Mounting of 5 KW loading coils and wave changer. Reqt Vandykes covering. W
295055	4/5	To NY	Drawings of 1, 2 5 and 10 KW wave chngers. Gives status of. W

TUNERS: ETC. 905

Number.	Date.	From or To-	Subject.
296023	4/9	To NY T	Reqd turn over from Radio Lab to Supply Div for shipt to wash one J-4 inductance coil and one mercury interrupter. W NY - T - Wave changers expressed 4-14. W 4-16
297603	4-12	Washington	GE Company's transmitting induction coil reports on and recommends against use of, on account of fragility. W To GE Report on coil as submitted not adapted for Navy app. 4-24
298983	4/18	To Wash	Manuf of inductance load coils. Instrns in connection with. W
299842	4-20	NY	One kw loading coils - forwards vandykes. W
301427	4-27	To National Lead Co-	Expedite delivery sample set of moulded parts - W To Marconi Co- Info requested as to exact status of moulded insulation; parts employed in construction of Navy type wave changers and loading coils - W To Wireless Spec App Co-Ditto 4-27- Wireless Specialty Co. submits information in detail requested. W 5:16 Marconi 5:21
13639-595	4/22	Eng	Comdr Pz Sd Radio Telegraph-- New Wave length assignments for shore stations. of Comm Serv.
13652-595	4/28	Eng	Comdt MI Radio Tele. Stations for shore radio stations of the Naval Communications Service on St. Lakes, Alaska, Pac. Coast & in Pacific.

TUBERS: CTC.

Number.	Date.	From or To—	Subject.
27516	1-18	Harf	Experimental work on remote control wave length switch. Prints.
275412	1-18	NY	Loading coil unit; fwds plans.W
275280	1/22	To Gen Insulate Co	Fwds blue prints of plans listed. W To NY Gives action. 1/22 NY 2-7
276816	1-25	NY	Spoke Insulators for 5 kw wave changers and loading coils; fwds vandykes.W
276812	1-25	NY	Ground connector for 2 kw wave changes; fwds vandykes.W
276841	1-23	NY	Recommends that various radio manufacturers be notified that the Doshler Die Casting Co is in a position to fill orders for steel die castings for use on standard loading coil.W To—1/31 To Firms—Doshler Die Casting Co in position to fill orders for die cast gears.1/31

TUNERS: ETC. 905

Number.	Date.	From or To—	Subject.
✓ 276943	1/28	To F. Lowenstein	Fwds Vandykes of drawings as listed for use in manuf of wave changers. W
~~278013~~ 278013	1-30	NY	2 and 5 kw rotating coil units - fwds prints. W
277920	1-30	NY	2 kw wave changer and loading coils: fwds vandykes. W
✓ 281948	2-14	NY	Five kw wave changers - fwds prints. W To—Comments on 2/23
✓ 282908	2/18	NY	Parts for wave changers—request authority to prepare proprietary requisition to pur- chase from National Lead Co—quotes prices and sizes required. W To—Auth have add'l dies constructed. 3/1
> 286041	3/6	To NY	Drawings of 10 KW wave changers. If drawings need revision, directs fwd Vandykes. W
~~287023~~ 287023	3/11	To F. Lowenstein	App drawings of new 10 kw wave changer to be made to replace existing one. To be made to operate on 10 kw line. To be made for use in 10 kw line.

TUPPER: WTC.

Number.	Date.	From or To—	Subject.
269137	12-22	NY	Insulating tubes used to support wire in wave chngers and loading coils; reports on difficulty with Bakelite-Directo tubes.
To Electrose Mfg. Co. Fwds copies of corres. 1/21			due to break age; quotes from Continental Fibre Co. relative to approving their materials. W
To NY--1/21		Electrose Mfg Co -W-1-23	To--Gives action in detail. 1/10
			To Firms--Ditto. 1/21
			To Continental Fibre Co--Directs cancel orders of Marconi Co and Wireless Spec. A. Co. and furnish material to Electrose Mfg. Co. 1/21 (2)
268429	12/21	To S&A 12	Rept shipt of radio apparatus from Wash and NY to ships. W
			To S&A--(8) Ditto. 12/22
			To--(12) Ditto. 12/24
			To--(19) 12/26
			To--(8) 12/27
			To--(3) 12/28
			do do
			shipt. W
269608	12/28	To S&A	Rept shipt of radio transmitters from NY and Wash to Ships. W
			To--Ditto (2) 12/29
270790	12-28	Bn Standards	Test of capacities of condensers and coils; states will submit report in about 10 days. W
			To Sec War--Sec Sig--Fwds copy of above. 1/6

TIMERS: ETC. 905

Number.	Date.	From or To—	Subject.
271097	1/4	To S&A To S&A Reqs. ship. of radio apparatus for Perry from NY to Perry 6/29 To S&A Reqs. ship. of radio apparatus for Perry from Wash. to Perry 6/29 To NY. Encl. copies of ltrs. 1/8 New York - Reqt action - 7:5 New York - Material for Perry due on cont 7:8 NY - Reqt action - 7:12	To S&A asks 1 cuto equipment 2-6 Reqt ship. of apparatus from Wash and NY to COLUMBIA. W To S&A - Reqt ship. of apparatus from Wash and NY to ships. 1/5 To S&A - (10) Ditto. 1/7 To S&A - Ditto. 1/9 New York 3/7 New York 6:28 New York - Reqt action. 6:21
272229	1-7	NY	Moulded composition hubs; fws vandykes. W To - Appvs. 1/12 NY 1-18
272254	1-5	Marconi Co	Emergency transmitters for destroyers; request information relative to electrose coils for wave changers and loading coils. W
272907	1/8	NY	Fws copy of letters written to various radio Co's rel to drawings for moulded composition hubs. W To Firms - Re above modifications. 1/17
273002	1/10	NY	Request authority to place proprietary reqn with the Doekler Die Casting Co for dies used in manufacturing wave changes. W To - Auth proprietary reqn. 1/17
272520	1/10	To Marconi Co To Wireless Spec Ap Co	Fws Vandykes showing details of 2 KW wave changer for all wave lengths, and set of Vandykes showing assembly. W
273927	1/14	NY	Die Casting gears for loading coils - fws Vandykes. W

TUNERS: ETC.

Number.	Date.	From or To—	Subject.
258097	11/2	To NY	Reqt fwd Vandykes of latest revision of drawing showing 5 KW wave changer. W NY--fws prints. 11/20. W To NY--Re changes to take in drawings. 12/29 NY wave changers; fws drawings 1-18
26045 0	11/12	NY	2 kw wave changer; fws corrected drawings. W
260816	11/12	Phila	Reports defects in wireless specialty apparatus company's 1-kw panel type radio transmitters furnished on contract 26776. ✓ To--11/17 ✓ To Wireless Spec App Co--Submits report of defect. 11/17
✓ 262396	11/22	To NY	Drawings and manufacturing instructions for 5 KW inductive coupler and wave changing switch. Fws. W
✓ 262496	11/22	To Sperry Co	Emergency transmitter for destroyers. Suggestions re positions of wave changer. Fws pencil sketch of W Sperry Co 11-27
261620	11/24	To Yards and Ships	Use of brass polish on radio transmitting apparatus. Submits method of using. W
✓ 262686	11/24	To NY	Preparation of manufacturing instrns for standard wave changers and loading coils. Instrns. W To NY--Ask progress being made. 12/29

TUNERS: ETC. 905

Number.	Date.	From or To—	Subject.
262863	11/26	To M.Is. <i>8/25</i>	Difficulties with sparking of antenna loading coils. M.Is. Semi-monthly report. Reqt more specific information re trouble. W M Is fws photostat 12-15 M Is 1-5
263851	11/30	To Marconi Co To Wireless Spec Ap Co	Wave changers for 2 KW sets to be in accord with drawing RE 34F 113A. Directs start manu of using drawing RY 34F 163D. Lists difference between drawings. W Wireless Spec App Co 12-13 To Wireless Spec Ap Co—12/22
265636	12/7	To NY To—(T) Ask when Vandykes will be fwsd. 12/21 NY (T) prints fwd on the 24th 12/26 W	Reqt for loading coil, wave changer, and insulator drawings. Lists. W To—Ditto 12/11 NY fws 120 prints 12-19 NY (T) states vandykes mailed Dec 19 12-22 NY--fws 150 Vandykes--12/24.W
266676	12-10	NY	Gears for loading coils; fws vandykes.W
266535	12/10	NY	10 Kw loading coils-fws Vandykes.
267353	12/17	To Dickinson Mfg. Co To—Reqt furnish info re reqtd. 2/14 Dickinson Mfg Co-gives rates which deliveries can be made. 2/21.	Dies for molded hubs for use w th wave changers and loading coils. Detailed comments on. Reqt information in connection with dies. W Co 12-22 To--Fws blueprints. 12/23 Dickinson Mfg Co--1/3 To Marconi Co--Fws copy of letter from Dickinson Co with comments re quatin type number. 1/9 To--1/9 To Wireless Spec Ap Co. 1/9 NY--1/14. Dickinson Mfg Co 1-15 To Dickinson Mfg. Co--Submits list of sets and as how many can turn out. 1/25 OVER

TUNERS: ETC.

Number.	Date.	From or To—	Subject.
250361	9/20	NY	Moulded composition hubs; fwds prints. W
251039	9/23	NY	5 kw inductive coupler and wave changer switch; fwds vandykes showing changes. W
251572	9/27	P. Lowenstein	Request authority to place name plates for wave lengths of loading coils near the front of each coil rim. W To—Anth. 11/1
251606	9/28	To F. Lowenstein To Firms	Fwds Vandyke HW 50F 166D, showing all alterations, and several changes suggested by contr and appvd by Bu. W
251792	9/27	NY	2 kw wave changers and loading coils—fwds prints. W
251785	10/1	To Firms	Spoke insulators for 1 and 2 KW radio sets. Instrns in connection with manuf of, and drawings to be followed. W
2527 09	10/2	NY	Inductive coupler and inductance coil, wheel type; fwds prints. W

TUNERS: ETC. 905

Number.	Date.	From or To—	Subject.
✓253113	10/2	Marconi Co	2 and 5 kw wave changers and loading coils; fwds copies of correspondence with NY Yd requesting certain information in connec- tion with.W
253199	10/4	F. Lowenstein	Supports for loading coils; states turned down so that there is a square corner on inner part of shoulder; recommends shoulder be turned so that rounded corner in lieu of.W Te—Gives action.11/1
✓255491	10/18	NY	Moulded composition hubs: fwds vandykes.W
245245	SEE CARD 13 NY--fwds prints--11/20.W		To NY--Comments and action on prints.10/19 NY fwds prints 10/20 To NY--10/23 To NY--(T) Recd new drawing.11/6 NY--fwds print.11/16.W
256160	10/22	NY	5 kw wave changer. type SE 87: fwds vandykes.W
256245	10/22	NY	Gear and pinion for 1 kw loading coils; fwds vandyke.W Te--Comments and instrns en.10/27

TUNERS: ETC.

Number.	Date.	From or To—	Subject.	
✓ 247809	9/6	NY	Moulded composition clamp for 2 and 5 kw loading coils; fws print.W To—Loran, approved 9/10 NY fws vandykes 9/21	
247950	9/5	NY	1 and 2 kw wave changers; fws prints.W	
28774	9/7	To Amer R&R Co	Fws prints in connection with loading coils and wave changers.	529
248232	9/5	Chasen	Inductances to obtain regulation wave of wave lengths; fws photographs and prints of trial coils.W To—Disappears est. 9/12	
248196	9/5	NY	Request type number be assigned to standard Navy wave changer and loading coil.W To—9/12	
✓ 248128	9/7	NY	Gives outline of a test conducted on a Navy type Model 1 kw wave changer loading coils; see 231427-A75.W To—9/24	
248386	9/9	NY	Moulded composition hub for 1 and 2 kw loading coils; fws prints.W To—Approve drawings with comment. 9/17 NY fws prints. 10/4.W To NY—Comments on drawings. 10/17 NY 10/25	

1917

TUNERS: ETC. 905

Number.	Date.	From or To—	Subject.
248608	9/10	NY	Wave changers, type SE 89; fwds prints. W
249290	9/13	NY	Gear and pinion for variometer type loading coils; fwds drawings. W To—Appve drawings with comments. 9/24 NY fwds vandykes 10/16
249596	9/17	NY	10 kw loading coils; fwds corrected prints. W
249613	9/16	NY	Moulded composition hubs for 5 kw loading coils; fwds vandykes. W To NY—Drawings appvd with modif. 9/25
249158	9/15	To Wireless Improve Co	Calls attention to error in drawings for 2 K.W. loading coils. W To—Further corrections. 10/4
249693	9/18	To Marconi Co To F. Lowenstein	Drawings of 10 K.W. wave changer and loading coils. Detailed comments on. W To NY—F wds copies of above letter. 9/18
249953	9/19	To NY	Ask if Marconi Wave changer ex-SEATTLE can be repaired and placed in good condition. W New York—9/25.

TURNERS: LHC.

1917

Number	Date	From or To	Subject
✓ 245122	8/10	To NY T	Directs fwd to Marconi Co set Vandykes 10 kw loading coil and wave changer. W
245289	8/10	NY	Moulded composition knob for loading coils; fwsd print. W To Apprs. 8/15 To Ask when Vandykes will be fwded. 9/20 NY fwsd vandykes 8/31
✓ 244126	8/14	NY	One kw wave changer and loading coil; gives winding order of inductance coils. W
✓ 245246	8/22	To Bost--10/9 NY 10/12 Bost fwsd prints 10/17 To fwsd blueprint of latest alterations, with comment. 10/8 NY 10/6 8/22 Marconi Co To 9/17 To Bost--Directs investigate screw being too short. 9/19 Bost 9/28 W NY fwsd prints 10/2 To NY--Instrs re altering drawing. 10/8 8/22 Marconi Co	1 kw wave changers; request information relative to connecting secondary of inducted coupler to ground, etc. W To Gives infor reqtd. 8/27 Co 9/4 CARD 15 To NY--9/17 Asks if Bureau will insist upon following out latest blueprint relative to fastening name plates on panel and wave changer sets; original drawing did not call for and insisted upon will delay delivery from 2 to 3 weeks. W To 8/27 To Gives action. 8/27 Marconi Co 9/14 To Notes letter of Aug. 27th. 9/10
245275	8/22	Marconi Co request action 9/5	Reports forwarding to Marconi Co vandykes of 10 kw wave changers, loading coils, etc. W
✓ 245414	8/22	NY	

TUNERS. 905

Number.	Date.	From or To—	Subject.
✓ 246087	8/25	NY	Wave changers and loading coils; fwds vandykes and prints.W
✓ 246086	8/25	NY	Inductance coils; fwds prints.W
✓ 246305	8/12 8/27	Elacn G W Alves Sub Force	Synchronous wave shifting device; request consideration of and fwds sketch W To Sub Force 9/5 To NY Apprs ests. 9/5
✓ 246963	8/30	NY	Molded composition knobs for loading coils; fwds vandykes.W
✓ 246962	8/30	NY	Molded composition clamp for loading coils; fwds prints.W
✓ 247061	9/1	To Bost via NY	Rec request 2-7-112 be cancelled owing to amount of show work involved in manuf of wave changer and loading coil. W
✓ 247305	8/4	NY	Clamps for 1 kw loading coils; submits estimate for manufacturing W
✓ 247274	9/4	To Wash	Assignment of type numbers to Choke Coils for 20 and 30 K.W. arc radio sets. W

1917

TUNERS: ETC.

Number.	Date.	From or To—	Subject.
✓ 235380	6/25	Kilbourne & Clark Co T	Drawing for 1 kw wave changer and coupling coil, etc, urgently required in order to make up orders for material.W
235442	6/25	NY	2 kw wave changers and loading coils; estimate for manufacture submitted by Wireless Improvement Co.W To—Appvs recommendation. 6/29
✓ 235572	6/25	NY	2 kw wave changers and loading coils; fwsd prints.W To—Detailed comments n. 6/29 To—Further comments. 7/5 To—Reqt fwsd certain Vandykes. 7/13 NY drawings are being corrected 7/17 NY fwsd prints 7/18 NY fwsd plans 8/1
✓ 238403	7/12	NY	Fwsd prints of 5 kw combined wave changer and loading coil.W
✓ 238402	7/12	NY	Fwsd prints of moulded composition hub for 2 kw loaded inductance coupler coils.W To—Appvs. 7/27 NY 8/8 New York 9/13.Y To—8/11
196140	SEE CARD 9		To New Orli—(T) Ask if wave changer was installed on SACRAMENTO. 7/16 New Orleans (T) states answer forwarded Apr 27th 7/18

TUNERS; ETC. 905

Number.	Date.	From or To—	Subject.
239081	7/18	To Firms	Fwds Prelim set of prints for use in connection with manuf of apparatus under schedule 1215-1/2. W Marconi Co 7/20 Marconi Co request additional information 7/27 Fwd NY 8/3
239710	7/20	NY	Remote control for wave changer push button switch; fwds prints.W To ~~NY~~ 8/3 NY fwds plans 8/30
241850	8/1	NY	Recommendations relative to numbering Navy standard wave changers and loading coils.W To—Comments on numbering. 8/14
242219	7/30	NY	Fwds prints of 1 kw loading coils.W To—Re errors in 8/16 NY fwds vandykes 8/17 NY (T) prints mailed yesterday 9/17
242229	8/3	NY	2 kw wave changer and loading coils; fwds vandykes.W
242208	8/3	NY	10 kw wave changers and loading coils; fwds print.W
242250	8/2	Marconi Co	Wave changers and loading coils; request vandykes 8/2 To—9/5
242952	8/9	To Wireless Spec Ap Co	Fwds drawing showing spokes used for manuf of wave changer and loading coils. Re method of securing. W

TUNERS: ETC.

Number.	Date.	From or To--	Subject.
215535	3/20	To NY	Detailed instrns re redesign of 5 K.W. wave changers and loading coils. 793-1
219098	3/22	To Marconi Co	Fwds prints for 5 K.W. wave changer and loading coils, and submits information covering points which may not be clear.
219 775	3-9	M. Is Company's 2 K.W. transmitter panel. 6/8	Instructions and plans for modifying Wireless Improvement Co. 2 kw panel sets into Navy standard wave changer. (See 208947-144-6) To Yards--Fwds set of prints, instrns for manuf and installing Modified Wireless Improvement Tone testers; plan.D.
219980	3-26	Washn	
221300	4/6	To Marconi Co	Fwds Van Dyke RW 50F 166B. Tone tester.
221803	4/9	To NY To F. Lomenstein--Reqt make arrgts so as to delivery wave changers within contract time. 5/10 To Marconi Co. 5/10	To S&A--Reqt NY be instructed to appv reqn for. 6/27 To NY--Directs prepare reqn. 6/13 To NY--Gives action. 5/10 To NY--moulded insulating material; estimates 5/22 manuf of 2 and 5 K.W. wave changers in accord with Navy drawings. Re obtaining suitable mold hubs. w To NY--replies 5/4 To NY recommendations relative to insulating Tone testers; asks if Bakelite dielectric will be acceptable in lieu of Micarta. L (insulating material, elec)
221977	4-9	Marconi Co	

TUNING: MC. 905

Number.	Date.	From or To--	Subject.
22197	4/12	To Marconi Co	Bakelite ilico to can be used in manuf of Tone Tester, Type SE-84, in place of Licarta. W
223264	4/16	Boston yd	Tone testers - forwards plan W
224395	4/23	To E. Lowenstein T	Encl. with NY to loan you two K.W. wave changers for purpose of perfecting mounting spark coil. 5/23 To NY--loan with. 4/23
226275	5/4	To NY	Cost est for manuf of 24 2 K.W. wave changers and 32 loading coils. 4/12 NY submits estimates. 5/12 To--Gives action. 5/17
226883	5/7	To Marconi Co	FW: set of Vandykes of loading for use in connection with manuf of tone testers. W Marconi Co cost action 5/9 To--Fwds Vandykes. 5/22
229762	5-21	NY	10 kw wave changers; fwds prints. W
229813	5/21	NY	Wave changers and loading coils; estimate for manufacturing. W To--Instrns. 5/25
231427	6-1	To NY	1 kw wave changer allots \$1,000 to construct experimental

876

TUNERS: Etc.

Number.	Date.	From or To--	Subject.
205399	11/13	To Phila	Ask earliest practicable date of completion of eight 5 KW wave changers and loading coils. W
✓ 205397	11/14	To S&A	Reqt shipt of wavemeters from NY to Wash for disposition. W NY request authority to retain De Forest wave meter 11/22 ^{RS 12/8} To NY--Grants auth. 12/1 S&A request return of correspondence 1/8 Fwd S&A--Noted. 1/11
M. Is. 3348	12/1	To NY	Record of apparatus shipt on Reqt 3348, May 27th, 1916. Instrns. MR
207931	12/8	To Phila	Ask when 8 wave changers and loading coils for second lot Navy Type 5 K.W. sets will be completed. W Phila delay: reasons 12-16
✓ 208423	12/13	To NY	Bu asks if old Marconi wave changers ex VESTAL and MONTANA are fit for repair, and remodelling in accord with NY Reqt 15. W
✓ 209354	12-20	Phila	Gives reasons for delay in completion of. W To NY--Wave changer will be turned into store for shipt NY Dec 21. 12/22 NY loading coils not yet received for Marconi wave changers; Est time to complete after receipt 12/30 To NY--Have taken steps to expedite. 1/3 To--Ask status of work on wave changer with loading coils. 1/6

NY reports on status of reactances: one will be available for ALLEN: ALLEN set ready for shipment Jan 10 1/9
Phila states wave changer with loading coils assigned ALLEN was delivered for shipment NY Dec 22 1/9

TUNERS: ETC. 905

Number.	Date.	From or To	Subject.
✓ 210903	1-8	NY	Remodeled 5 kw Marconi wave changer; reports none receipt of; delivery expected Jan 8; will assign to VESTAL and MONTANA. W To--Ask which wave changer issued to MONTANA. 1/11 NY Marconi Co will be requested to renumber remodelled sets 2/7
✓ 212987	1-29	Washn To Chasn-- Gives action on. 2/7 To Wash-- Appvs est. 2/7	Wave changer Litz loading coil; submit estimate. To S&A-- Reqt shipt of wave changer from Wash to Chasn. 2/7 To S&A-- Reqt shipt of wave changer from Chasn to Wash for disposition. 2/7 Wave changers Mark II; fwsd photos. W
✓ 213439	2-3	NY	
✓ 213313	2/2	NY	States have received report that code signals of varying intensity have been observed and that their use nullifies present direction finders; suggests apparatus be developed for changing amplitude of antenna current. W Fwd At. Ft. For rec. 2/12 2-3-1 Fwd Phila-- 3/6 RB 3-19
✓ 217652	3-9	Washn	Tone testers for arc sets; fwsd print. W.
✓ 218515	3/17	Yo NY	Reqt drawings of 10 K.W. wave changer and loading coils. W NY fwsd drawings 3/26
199694	3/17	Phila	Wave changers; gives probable dates completion 876

TUNERS: ETC:

1816

Number.	Date.	From or To--	Subject.
196138	6-11 To Norf. in Norf. Norf: Oct. 10/4	To Norf. Ack 11/4 apparatus still	LEBANON DOLPHIN MAYFLOWER: Bu has reqtd shipment of wave changers from NY for: submit estimates for installation. W To S&A-- Reqtd for shipment. 8/11 Norf submits estimate 8-17 To Norf appd 8/22
196139	8-11	To M.Is.	ANNAPOLIS-RALEIGH-YORKTOWN-- Ditto.
196140	To--Est appvd. 11/21 8-11 New Orleans explains drawing 10-6 Fwd NY--10/18 RB 11/31 Fwd--11/4 RB 11-29 New Orleans est 11-15	To New Orf. New Orleans explains drawing 10-6 Fwd NY--10/18 RB 11/31 Fwd--11/4 RB 11-29 New Orleans est 11-15	SACRAMENTO-WHEELING-NASHVILLE Ditto. New Orleans 8-16 New Orleans reqt drawing 8-25 Fwd NY--desires drawing fwded to New Orleans 8/25 Ref. N.Y. 9-1 RB 9/11 McCALL ditto. submits estimate 8-18 To Phila appd 8/26
196141	8-11	To Phila.	
196142	8-11	To Olongapo.	HELENA ditto. RB 12-25 To--Appvs est. 12/26
197214	8-19	NY	Marconi wave changers; estimate for modifying. W To--Prepare reqn for modifications and award contract to Marconi Co for work. 9/13
198056	8-30	Marconi Co	Wave changers; estimate for altering. W
199175	9-13	To NY.	Radio telegraph; reqt estimates for making Mark VI wave changers and loading coils. W NY estimate 9-20 To-- Appvs estimate 9/23

TUNERS: ETC. 905

Number.	Date.	From or To—	Subject.
✓ 199452	9-14	American R&R Co.	Request print of wave changer developed by Navy. W Fwd NY-- 9/18 To--Not customary to furnish prints to bidders. 9/18
202061	10/12	To Wash.	Design of Litz loading coil for radio stations, New Orleans, Key West and Cienfuegos, Directs plans and est be prepared. W
To Card 28	10/12	Wash Litz loading coil for radio stations; submits inductance curve, prices, etc 11/25	To--Directs prepare plans and ests for Chasn. Wave changer already at Chasn. 11/27
✓ 202601	10/17	To Wash and ship	Reqd plans and est for the manuf. of tone testers be submitted. W RB 2-7
		coil to New Orleans 5-6	To--Appvs drawing as standard. 2/14 Wash submits estimate 3/7
203662	9/29	To Yards	To Wash-- info reqd re action taken to mfg adjustment of calling and working wave lengths for ships equipped with arc radio transmitters 9/24
203484	10/25	To NY	Ask whether certain wave changers at NY are suitable for repair. W NY submits estimate 10-31 To--Est appvd. 11/13
✓ 204144	10-28	NY	Wave changers and loading coils for; plan. W
M.Is. 3348	11/11	To NY	Reqd information as to what auth eight 5 KW Mark V wave changers are being manufgd. WR

TUNERS: ETC.

1918

Number.	Date.	From or To--	Subject.
178023	2-3	NY	5 kw Mark Vb naty type loading coils: fwds print and submit estimate and recommendations. W Fwd M. Is-- 2/5 RB 3/4 TO NY recommendations approved 2-5
174248	2-5	NY	Submits estimate for manufa turing 2 mark VI coils: gives number in store 916-1
179788	2-14	M. Is	Wave changers: reqt authority to purchase micarta tube used from Westinghouse Co. W Fwd NY 3-21 RB 5/22 Fwd NY-- 5/24 NY fwds data cont 26149 6-7 RB 7/3
179894	2/17	Boat	TBDS: submits estimate for changes in radio rooms and installing instruments in con- nection with installing wave changers 496
180318	2-28	M. Is	Wave changer; ~~states~~ : Pac Coast stations gives disposition of. W.
181396	3-4	M. Is	Estimate for manufacturing 20 kw wave changer for Sitka; summarizes status of manufacture for various Alaskan Stations. W Fwd Had Ser-- for comment. 3/14 RB 4/6 Fwd ~~NY~~ Appvs estimates: auth. manuf. 3/6 RB 4/12
181588	3-6	M. Is	Wave changers: 10 and 20 kw: fwds vandykes W Fwd NY-- for comment and rec. 3/23 RB 6/30 To--Appvs drawings. 3/23
182625	3-22	NY	30 kw arc se's: estimate for manufa turing loading coil To--Appvs estimates. 3/27

TUNERS: ETC. 905,

Number.	Date.	From or To—	Subject.	
182957	3/13	Austin, Dr.	Darien; wave length experiments; conducted at laboratory; report on	851
188759	5-23	To Phila.	Asks what steps are being taken to expedite delivery of insulators for 8 wave changers for lot #2 12-5 K.W. navy type radio sets. W	
		To Phila--Insulators should be ordered from NY. 7/7	Phila gives dates of delay 6-1 To--Asks cause of delay. 6/9 Phila Electrode Co resp onnsible 7-5	
189224	5-27	TO East V'A S&A	Request shipment wave changer after installation of new	457-6
189379	5/29	Fwd S&A--10/18 To NY TO Marconi Co. 8-24 Marconi quotes price 8-31 Marconi re t action. 9/25 To Marconi--NY will prepare reqn for. 9/27	Marconi objects to certain paragraphs 10-7 Asks condition of wave changers at yard and estimates for placing in condition. W NY submits report and estimated 6-9 To--Reqt est for altering wave changers. 8/4 To Marconi Co--Reqt est for altering wave changers. 8/4 2 K.W. and 5 K.W. radio sets; insulating material and special insulators for wave changers and loading coils should be ordered as noted on NY 51A 11A. W	
190060	6-6	To Pug Sd.		
191878	6-26	Lowenstein T	Wave changers for 5 l.w. sets; impossible to better delivery of. W	
193960	7-19	To NY.	Radio telegraph; reqt drawing of wave changer and loading coils. W NY 8/1	

1215

7 ✓

TUNERS; ETC:

Number.	Date.	From or To	Subject.
171535	11-18	To NY. SEE BELOW	2-K.W. Mark VI wave changers; gives assign-
Norfolk 22-12-1	11-30	To NY--12/3	ment. NY reqt inc for CASSIN BALCH 12-3
12-1	11-26	(?) NY will furnish	To Yards-- Reqt estimates for installation. 11/16
NY 21	11-26	dimensions; make only temporary	To S&A-- Reqt for shipment. 11/18
one on hand, not assigned 11-30	11-26	est for installation. 12/2	To S&A-- Reqt dimensions 11-26
171663	11-19	To Atl Ft.	To--R Furnish Bost dimensions of. 11/26
			To--Apvvs estimates for. 11/27
			Radio tube shifters for TBDS; have made assignments of: reqt ship's force assist in installation. W
171796	11-20	To S&A.	Reqt shipment tone tester from Norfolk to Wash. W
			Norfolk shipped 12/16-12/20
172043	11-23	To S&A.	Reqt shipment wave changers from Bost to NY. W
172525	11-29	To NY. (R)	Inform Bu status shipment Mark six radio wave changers assigned TBDS. W
			NY reports (R) 12-2
172714	12-1	Norfolk	Reqt instructions re shipping wave changers to New Orleans and Key West. EXDELAWARE and Norfolk W
			Fwd S&A-- Reqt shipment be expedited. 12/3 RB 12/22
			To-- 12/3
171535	12-4	To Norfolk SEE ABOVE.	Apvvs estimates. 12/4
Bost 12-10	12-6	To NY--12/6	To NY-- Gives installation for CASSIN BALCH. 12/9
	12-11	To Bost--12/13	To M Is apvvs ests for IRIS 12/15
173116	11-27	M. Is	To Bost--12/10 To Norfolk--12/10
			Reports issue of wave changers to Sitka.; are preparing to mfg 3 sets for Pac Coast Stations. W
173115	11-29	M. Is	Reports issue to KANALHA, and SITKA. W
		To S&A-- Reqt shipment loading coils to Kodiak. 1/24	To 12/14
			M. Is will fwd I-12

905 TUNERS; ETC:

Number.	Date.	From or To—	Subject.
173165	12-6	To Newport.	Mark V wave changers; asks disposition of. W To-- Reet section, 1/15
174331	12-20	To NY.	Narr Bay reports receipt of 1/27 To S&A--Reet shipment to NY. 2/1 Reet estimates for manuf of 12 Mark VI 2 K.W. and 4 Mark V 5 K.W. wave changers. W
175403	1-5	To NY.	Wave changing switches; asks if switches were furnished with radio sets purchased under contract rean 109 and whether shipped to Phila for COLUMBIA & MINNEAPOLIS. W 10 NY reports disposition of wave changers received under cont 232 1-11
175474	1-5	NY	Submits list of wave changing and loading coils that have been issued and those in store available for issue. W
175760	1-8	NY	12 mark VI 2 kw; 4 mark V, wave changers; estimate for manufacturing. W To-- Estimates of 1/18
175766	1-7	NY	Mark 5 loading coils; received from M.Is do not conform to standard; estimate for altering. W To-- Approvs estimates, 1/11
176418	1-10	M.Is	Wave changers; asks cost of Bakelite micarda tubing for use in connection with manufacturing. W To NY--Furnish information to M.Is, 1/18 RB 1/28
177168	1-25	NY	2 kw mark VI loading coils; lists voss ls issued to: none available for TRIPLE. W

TUNERS: ETC.

Number.	Date.	From or To—	Subject.	
163713	8/18	Norfolk	Wave changers, Mark II; status of those at yard. Removed from vessels, etc; will require loading coils for those ordered shipped to New Orleans and to Key West. W To S&A and Norfolk—reqt shipment 8/20	
✓ 163892	8/20	To M Ia via S&A	Approves manufacture of wave changers for Sitka, North Head and Kodiak Radio Stations. W RB 2/23 To M. Ia—Gives assignments. 2/25	
✓ 165161	9-4	To Phila-Pug Sd.	Substitute for variable coupling in radio wave changer; experimental work to be conducted at Phila. W	
166486	9/22	NY	Reports 5-Kw Mark II wave changer experimental available for issue. W	
168882	10-19	At Flt	Recommends developing of tuning apparatus to permit ranges of 300 miles when using higher wave lengths. W	
✓ 169143	10/19 1 0/21	G. H. Clark Wash	Reports completion of a test of arc wave changer. W	
✓ 169262	10/23	Phila	Wave changing switches; fwds plans. W	
16945 5	10/23	Phila	5 kw radio sets; submits inc estimate for wave changers for	876

TUNERS: ETC. 905

Number.	Date.	From or To—	Subject.
✓ 170018	11-1	Clark, G H	Memo re variometer wave changer for arcs. W
✓ 170045	11-1	Phila	Reqt auth to mfg elec operated wave changer. W
✓ 170813	11-2	M. Is	Wave changers: fwds photos of those mfg for use with 30 kw are set Cordova. W
✓ 170934	11-11	To M. Is.	Wave changers for radio stations: asks when wave changer assigned to Kodiak will be completed. W
171160	11-13	To NY.	Manuf of mark VI and VII radio wave changers; reot be expedited; directs modifications in mark VI wave lengths. W
✓ 171281	11-15	To NH.	5-K.W. mark V wave changers; asks number in stock. W NY none in stock 11/20
171392	11/9	NY	Tune shifters for 5 kw sets, mark V type; stock exhausted; asks if shall renew. W To M. Is. assignments made. 11/23 NY gives disposition, etc. 11/23
171236	11-16	To NY.	Authorizes repair to 5-K.W. mark II wave changing switches and reots shipments to ship. W M. Is estimate SAN DIEGO MD SO DAK 2-3
M. Is shpt MD and SD to Pag Sd 4-20			To M. Is. -- Fwds copy above. 11/16
NY 5 kw; Ex KANSAS Lark III in li u of			To S&A--Reot for shipment. (3) 11/16
Mark II; Ex-FLORIDA repaired and shipped			NY reot authority to substitute wave changer ex-KANSAS in lieu of ex-FLORIDA, which is being used in Radio Laboratory 11/19
MARYLAND 11-30			To NY--Gives assignments: 11/23
To M. Is. -- A lvs estimates: 2/15			
M Is wave changers not yet received 2/25			
Fwd NY-- 3/7 RB 3/10			
To M. Is. -- wave changers were shipped			
from NY Jan. 27. 3/13			

TUNERS: & TUNING: SHIFTERS:

1915

Number.	Date.	From or To—	Subject.
145505	1-25	NY	Mark V wave changers and loading coils; only one 2 kw completed; and tested; will delay until 1-29 by changes; recommends against constructing more until completion of 5 kw changers. W.
146099	1-30	NY	Wave changers; fws revised vandykes.W
147599	2-15	NY	Mark V wave changer; diagram connections; fws vandyke.W
147982	2-20	Washn	Wave change switch; for 30 kw sets; estimate.W To--Comments on; reqt redesign of. 2/25 Washn new design 3-1
148797	3-4	NY	Wave length change switch and transformer for 2 kw sets; fws print. W.
149897	3-15	Nat Elec Sig Co.	Variable tuner sent NY for test; calls attention to points which will be improved on future deliveries.W wd "ash"--Have recta shipment to yd for test 3/26 RB 5/22
152828	4-19 4-20	Butts, L.G. Washn	Wave changing switches for arc sets; suggestions fws print.W
154899	5-12	Washn	Wave changing switch for arc sets; submits revised cost for manufacturing; also cost for future orders.W To--Appvs; submit manuf reqt. 5/17

TUNERS: 905

Number.	Date.	From or To—	Subject.	
155028	5-14	Washn	Reqt authority to mfg arc wave changer before final tracings are forwarded to SE. To-- Appva. 5/17	W
158599	6-18	NY	Mark V wave changer; plans. W	
161355	7-14	NY	Tune shifter ex FLORIDA; relative to survey of sets in testing laboratory; recommends retention. W To-- Issue to yard radio test laboratory.	7/26
161578	7-26	To NY.	Reqt plan and estimate for manuf of 20 wave changers including loadings coils suitable for coastal shore stations. W NY estimate for 35 8-12 To NY appvd 8-18	
162483	7/29	Atl Flt	To-- modification of Bu's previous letter Tuning of battleships' radio sets; gives table of ships and yards at which tuning was done	8/20 876
162778	8/5	NY	Wave changer ex-CONNECTICUT shipped to Guantanamo; recommends wave changer ex-ARKANSAS be shipped to Boston	843
162943	8-9	To Chas-Key West-New Orleans. Norf.	Have recd shipment of one 5 K.W. wave changing switch; reqt estimates to cover work on. W To S2A--Reqt for shipment. 8/9 Re from New Orleans 8/18 To New Orleans 8/20	
153245	8-13	NY	Reports on Greenhardt wood for insulating material; recommends for wave changers and loading coils	672
163561	8-16	Nat Elec Sig Co	Variable tuner; reqt return of one submitted for test. W To S2A--reqt shipment to Co 8/19	

TUNERS & TUNING: TUBE SHIFTERS:

1914

Number.	Date.	From or To—	Subject.
129907	8-7	Weaver, A.D.	Fwds "Thermoharn" selective device for test; offers to sell to Govn. W TO -- will investigate 7-25 Weaver: gives shipping directions 7-20 To -- not suitable for Naval use 8/21 To Postmaster Montgomery, Ala. -- Requests letter and package be fwd to Tuscaloosa. 8/22 2 and 5 kw wave changers: fwds outline drawings giving sizes and details with explanation. W To -- appd 7/28
130802	7-22	NY 855-122	
✓ 135025	9-22	Marconi Co	Propose to furnish future orders in dull nickle in lieu of polished copper. W Fwd NY -- For recommendation. 9/24 rb 10 B To -- Will be satisfactory. 10/3
✓ 135182	10-29	To NY	Tune shifting apparatus: req'ts date will be ready for issue. ~~xxxx~~ desires install on CONNECTICUT during overhaul period. W To Phila -- Fwds copy above. 10/29
140064	11-17	NY 855-173	Tune shifters: will forward estimate time in few days: Fwds print proposed new loading coil for and recommends low type be issued to CONNECTICUT. W Fwd Phila -- Comments. 11/21 RB 121 To NY -- Appvs. 11/21
141286	12-5	3rd Div Atl Flt.	Radio tune shifters: reqt recommendation as to what vessels will receive wave changes of Mark V type. W At Flt gives order of ships recommended 12-7
141434	12-7	To S&A	Wave changing apparatus: reqt for shipment from NY to M. 18. W

TUNERS: & TUNING: 905

Number.	Date.	From or To--	Subject.	
141832	12-8	NY 855-186	Mark V; wave changers; 5 kw sizes; fwds prints. W.	
143098	12-19	NY 855-197	Mark V wave changers; assignment of sets. W	
143036	12-26	To NY	Mark V wave changer; reassignments of. W To Post--Have rec'd shipment of set for NEBRASKA. 12/26 To S&A-- Rec'd for shipment. 12/26	
143512	12-26	NY	Wave changers for 5 kw sets; print showing changes. W	
143967	1-8	To Wash.	Reqt ~~manuf~~ estimates and plans for manuf. of wave change switch for use with 30 k.w. arc sets. W	
144759	1/16	Boat	GEORGIA; reqt authority to install Mark V wave changer assigned NEBRASKA	215-6
144925	1-19	To NY.	Mark V wave changers and loading coils; asks how are completed and ready for shipment by 30th instant. W	
145100	1-20	Phila 6000-357	Mark V wave changer; trouble encountered while installing on CONNECTICUT; suggestions for improvement; plan. D Fwd NY-- Gives copy Bu's reply. 1/27 26 To-- Comments on. 1/27	
145395	1/13	NY Elec School	Reqt Mark V wave changer	7 07-3

TUNERS AND TUNING: TUNE SHIFTING.

1914

Number.	Date.	From or To—	Subject.	
118429	2/16	NY	Fwds print of switches for remote control antennae, wave length changing switch ND type	900
120040	3-14	NY	Tune shifters; mark II; assignemtn of. W TO -- instructions re shipment to home yards of certain vessels and mfg of two for KANSAS & RHODE ISLAND 3-17	
✓ 120399	3/20	To Dept.	VIRGINIA and CONNECTICUT: request permis- sion to proceed with installation of tune shifters during docking period. W To Phila. installation on COMU. authorized 3/25 To Boat. installation on VIRGINIA appd. 3/25	
✓ 120815	3-21	NY	855-66 Tune shifters; change in design; may delay shipment to RHODE ISLAND AND KANSAS; reqt instructions. W To --- procedure satisfactory. 3/26.	
✓ 121255	3-29	At Flt	Tune shifters; reports excellent results obtained thru use of cutting down interfer- ence, recommends shifters be returned at yard and reduce breadth of, also supply more efficient spark gaps. W Dup via Dept 4-1 Fwd Dept. comments: request indicate measure to be taken if employment addtl expert aids not auth. 4/7	
121811	4-6	NY	855-76 Reqt special authority for purchase material for experimental radio wave changing apparatus. W To --- appd. 4/8.	

TUNERS AND TUNING: TUNE SHIFTING. 905

Number.	Date.	From or To—	Subject.
121952	4/9	To At. Torp. Flt via At. Flt	1. Destroyers: When tune shifters are available Bu will take necessary action for their installation. W
118014		SEE CARD 2	To NY. Request report be submitted as soon as practicable. 4/11. NY estimated time 10 days 4-17 Fwd 3&A. req. cont. 20035 be amended inc price \$250. 7/6.
No #	4-22	TO NY VIA S&A	BSA req. 288? group tuners delivered on without knowledge of Bu. Directs test of. W
123739	4/27	G.H. Clark	Navy type wave changer Mark II; reports on broad tuning of; recommends changes to get high frequency resistance in transmitting inductances. W Fwd NY comments. 5/4. r. 3 20
124366 Con 20035	5-5	NY 855-705-198	Reports on test of wave changer mfg by Marconi Co. W To---approves report; request addl information be expedited for modification of specns. 5/11. To 6/19
126877	6-9	To N.Y.	Combined wave changer and oscillation transformer - fws. sketch of G.H. Clark's design for criticism. W NY 6/24. Clark's combined wave changer; recommends undertake development of; returns sketch. W Wave changer mfgd by Marconi Co; additional test: fws photographs. W NY 6/24 W
129154	6/22	NY 855-705-268	To Marconi W. T. Co. quotes NY's final report. Rec modifications to cont. 20035. 6/25 To---modifications will be made. 7/6

Number.	Date.	From or To—	Subject.	
113607	12/22	At. Flt. DIXIE	Recommends radio set be fitted with tune shifter.	188--6
113627	12/16	Dent	NY regn 767 for copper strips for use in mfr tune shifters switches, returns Bu. commendation to NY Yd and states if data had been given on papers when first submitted Dept' action would not have been delayed.	900
1914				
114020	1/2	NY	Reqt auth. to mfr racks for Leyden jars, part for tune shifters,	882--1
114290	1/2	NY	Tune shifters, revised estimate	900
114741	1/9	At. Flt.	Recommends tune shifters be installed at shore stations before fleet returns in spring.	900
114739	1/9	Clark, G.W.	New navy type wave changer switch, reports on installation on UTAR, GEORGIA, D. LAWARE, wyoming.	900
114901	1/8	At. Flt.	Recommends re installing radio tune shifters reports on operation of automatic distance control switches.	900
114984	1/13	NY	New tune shifter and oscillation transformer, reqt instructions re issuing print to mfrs.	900

905, TUNNERS, TUNNING & tune shifters.

Number,	Date,	From or To -	Subject,	
116516	1/21	At. Flt.	Tune shifters for BS, reports on operation	900
116518	1/21	At. Flt	TBDS: recommends radio tune shifters be fitted on	900
116894	2/5	To NY	Wave changing apparatus, re: t estimates for mfr of 20 sets for 5 kw and 20 sets for 2 kw	900
117096	2/4	NY	Tune shifters, recommends installation vario-meter for use with	900
117097	2/4	NY	Recommends re-design of tune shifter and oscillation transformer, Navy type. For previous correspondence on tune shifters see Switches - 900	900
118014	2-17	Marconi Co	Tune shifters: quotes price \$250 per set for supplying on recent and future contracts. Will apply to contract 20035 if desired. Fwd Dept via SFA request auth. to make contract with Marconi Co. 2/24	CARD 3
117939	2/14	NY	5 kw ~~see~~ tune shifter and transformer for fws. print of proposed re design	900
117936	2/14	NY	Wave changer: fws. A sheets covering design method of operation, etc.	900
118322	2-20	NY	Tune shifters: reports assignment of type marked "Mark II". W To---Asks what shifters will be installed on NEW YORK & TEXAS: asks re one installed Norfolk station. 2/25 To SFA request shipment from NY to Washn of tune shifter, Mark II. 2/25	

FILE No.	From or To— (Dated)	Subject.	
		1913	
✓ 99309	6/13 ✓ TO YARDS & COs & FLEETS	Instructions for tuning radio receiving sets. W	
✓ No #	11/11 To Dept.	NY regn. 756; material for manufacture of tune shifters. Desires installation upon all vessels of the fleet during December period at home yards. R	
110243	11/25 Tor. Flo.	TBDS. Present & future construction, recommendations re tune shifters.	
112031	12/4 NY	Tune shifters, condenser rack for, submits estimate unable to complete in time unless auth. is granted to purchase material competition waived, suggests Electroac Co.	900
112274	12/9 To Dept	Reqd orders to Boston, Phila, and Norfolk to send representative from each yard to NY. yard for instructions at radio laboratory in operation, adjustment and installation of radio tune shifters.	900
113471	12/20 NY	Tune shifters, reports on status of, only one set completed.	900



see meters, and RECEIVING & SENDING SET.

SEE TRANSFORMERS.

[illegible]

TYPE NUMBERS

1922

Number.	Date.	From or To--	Subject.
651666	11/28	Nerf.	Request block numbers be furnished for Cape Hatteras Station. W Twds S&A co Nerf 12/2
651606	12/22	Exp Sta	Ask type numbers assigned to carbon electros for use in microphones being manrgd. W To C-I-C Annapolis - Twds vandyke 1/8/23
65162	12/28	Exp Sta	Reqs assign type number to microphone being used W To C-I-C Annapolis - Reqs drawing 1/11/23

TYPE NUMBERS

1928

Number.	Date.	From or To—	Subject.
630282	6/14	14th Dist.	Request copy of radio type number catalog be furnished. W. To 14th Nav Dist- Unable to find copy. 7/6 W
631413	7/6	Exp. Sta.	Request type numbers for sound apprs. W. To O-I-C Annapolis assignment of type numbers 7/14 Exp. Sta- Request assign type numbers. 7/14 W Exp. Sta. Swds vandykes showing microphone housings. 8/28 W. 797
631532	7/7	Exp. Sta.	Sound apparatus - request type numbers for W. To O-I-C Annapolis- Request Plan 7/14
637955	8/16	General Radio Co.	Ask if Bureau desired to assign type number to 5 spot commendator under construction. W. To Insp. Mat. Station (T) assignment of type numbers 8/18
641497	9/14	Washington	Drawings of relay key Swds W To Washn- apprs plan 9/20 Washn- Swds drawings. 10/5- W.

Number.	Date.	From or To—	Subject.
641525	9/14	Boston	Request supplement pages giving type numbers assigned to radio apparatus be furnished W To eston- type number booklet is under revision and upon completion will be issued to the service W 9/28
643963	10/7	To "A"	Sub coil antenna assignment of type number SE 1355 to- Kwda Plan W
644833	10/10	To O-I-C Annapolis	Assignment of type numbers- gives listed alterations to be made W Exp. Sta. Request reconsideration of W 10/20 To O-I-C Annapolis- re: assignment of type numbers W 10/31

1921

Number.	Date.	From or To	Subject.
599402	12/10	To In. I. R. & T. Co.	assions listed type numbers. Regst cc of plan 16 forwarded for file W Inpr 22- 12/20 7
64070	1/11	Lavenstien Co. 1922	To ask for type numbers for To ask for type numbers for iss c 1/17
612562	3/9	To Westinghouse Co	Gives list of type numbers assigned to apparatus manufactured by Westinghouse Co Regst Plan W Westinghouse E/M Co. 3/18 7.
613756	3/18	To Washington	Assignment of type numbers- Gives list of W Japhn- lists type numbers recd. 3/23 7 Wash 11/22 FWS prints W

TYPE NUMBERS

1922

Number.	Date.	From or To—	Subject.
614066	3/21	To Westinghouse Co	Fwds print- instrns for applying for and for use of type numbers assigned to apparatus made for or in Use by Dept W
618053	3/29	Washington	Request assign type numbers to mica condensers. W. To Comdt Wash-Nb rs assigned 4/4 W Washn- Was Analyses of mica condenser. 4/21 W
617142	3/31	PROS	Request to place on - fillin - list for standard radio material type number list.
619536	4/22	To West Elec & Lfg Co	Assigned Letters "LF" to 20 L.M. radio Westinghouse E/M Co. 8/4- Fwds name plates. W
624830	5/24	To Washn	Reqs that the component parts together with their type numbers of listed transmitters be forwarded to Bu W

19 2

Number.	Date.	From or To—	Subject.	
60329	2/2	C.O.,	LAMSON: impossible to vary wave length as required by Bureau/	260--6
73507	7/12	State Dept	LONDON CONFERENCE: fwsd copy of telegram from American Ambassador reporting action taken by the conference re wave lengths, etc, that should be incorporated in Bill.	884--1
78454	9/20	At. Flt.	REGULATION, recommends covering naval shore stations be changed to call for standard calling wave length of 1250 meters.	914
79570	10/7	Telefunken Co.	LEGISLATION, suggestions re wave length	884--1
80054	10/9	NY	Recd instructions relative to standard wave length to be used for calling, communicating and distress signals for Navy Sta.	914
No #	10/22	To M.Is.	M.Is. recon. 164: approves mfr set standard inductances and capacities for measuring wave lengths. W	
83661	11/25	At. Flt.	REGULATION: reports on wave length used by Station overhaead by Utah at Chas.	914

1913

WAVE LENGTHS'

Number.	Date.	From or To--	Subject.	
86727	12/26	At. Flt	Wave lengths adopted for vessel.	493
88270	1/15	At. Fleet	Fleet radio officers reports on changes to adjust to 750 wave length, recommends at least 2 operators on every ED, and supply each set with small wave meter.	496
91638	3/4	NY	Wave length adjustment, submits proposed form for reports from individual ships	914
93170	3/14	At. Flt	Recommends coast stations use longer wave length.	914
99283	6/11	NY	Recommends new classification of standard wave lengths of ships, shore and portable sets.	914
99616	6/11	NY	Comments on NY proposed system of standard wave lengths, approved.	914
100377	6/25	NY	New system of standard wave lengths.	914
109370	11/3	Dept	Fwds corres. between War Dept. & Supt. Radio relative to regulations issued governing wave lengths to be used by Navy to prevent interference.	914

Number.	Date.	From or To—	Subject.	
44261	7/22	To M. Is	REGULATIONS: gives length to be used for ship and shore stations	914
44272	7/25	To Fleets and Ships	Establishment of standard calling wave lengths for ships of 600 meters and for shore stations of 1,000 meters. Ins'ns.	914
45066	8/1	To Nav.	KODIAK & ST. PAUL reports length	844
45251	7/28	NY	REGULATIONS: covering "calling wave lengths" submits prints of aerial inductance covering short length waves etc	914
45241	8/1	C.O.	BATLEY: reports ready to send, lengths of 600 meters.	124 -C
45158	7/31	C.O.	ROE: ack instructions on wave length: etc	331--C
		Reply to C.L. 44272-914 See ship card #6 see station cards	lanther, Celtic, Smith, Roe, Preston, Ohio, Michigan, Stringham, Delaware, W. Vir. Panther, N. Dakota, Nebraska, New Jersey, Virginia, Yuma, Burma: Key West, Tatoosh Is. Colon, Norf. Chas. St. Augustine, Jupiter Inlet, Boston.	352x- 838
47186	8/24	NY	REGULATIONS: I.T. standard calling wave length, reports on status of, of vessels at Id.	914
47383	8/23	War Dept, Chief Signal Officer	TESTS: chat copy of report on test to determine laws covering wave lengths, etc	903

WAVE LENGTHS

Number.	Date.	From or To—	Subject.	
48190	9/8	To Nav.	Transmits information for HYDROGRAPHIC Off. on recent rules issued to STATIONS in connection with calling wave lengths, messages for merchant ships, etc.	914
48325	8/30	M. Is.	Reqd auth. to mfr couplin. coils for: in connection with wave lengths.	918
49030	9/20	To NY	EXY WAVE: directs arr. to made for quick changing transmitting w ve lengths.	317
49158	9/12	C.O.	WISLING: reports on apparatus in connection with standard calling wave length	478--5
49459	9/19	C.O?	IRIS: reports on apparatus in connection	245--5
50230	10/3	C.O.	DELMOND: finds list of radiation & current obtained from wireless sets at various wave lengths	182--5
50337	10/5	C.O.	MICHIGAN: reports on number of jars used for certain wave lengths.	286--6
			1912	

WEATHER DETECTORS

1921

Number.	Date.	From or To—	Subject.
557237	4/12	Westinghouse E/M Co.	In conn with furnishing oil Companies operation on East Coast of Mexico, inform rel to apparatus for detecting approach of storms.
		CANCELED	
600007	12/6 12/10	Aviation Communications	Plan for interchange of weather data by radio between stations along established air route— submits memo report Gov. N. Panama City Y. G. Cox. Marine Corps cc CC Anacostia 1/29
623149	5/1	K. Banning (Popular Radio)	Request Pensacola be authorized to turn photos showing experiments made to determine approach of storms, and electrical disturbances by means of radio. W To K Banning— 5/16 was an illustration of equipment K. Banning wishes original photographic print. 5/17 W To Mr. K. Banning— Not available 6/5 W

WEATHER DETECTORS:

Number.	Date.	From or To—	Subject.
352432	8:17 9:20	First Dist Com	Sub information on forecasting of thunder storm, by using small wireless apparatus, lists outfit needed W
367854	12/17 5/17/20	To Nav. To GE Co. observations of static disturbance	In re to device for recording intensity and direction of lightning discharges in comm storm forecassas by Aerographers of Naval Air Sta. GE Co is requested to furnish Bu with info conc Transient Voltage Recorder. W. Naval Observ. 5:12 To GE Co- asks if Co care to furnish appr if so fwd info re 5-29 To Observatory- summary of previous corresp 6-2 GE Co- will fwd report in few days. 6:3 Naval Observatory- Request action 3/4 To Naval Observatory- recommends in case of Air stations operator on watch will make fwded 5/28 reqst info on purc of modified "Hoxie" radio telg photo recorder for use lightning r corded. reqst fwd W To GE- asks prompt action previous commun 7/11 Genl Elec Co 7-31 To Inspr GE- desires work on Hoxie recorder be abandoned 8/7 GE 8:26 To GE- refers previous info fwd 9/3 420
8 422058	6/26	To GE Co	
481396	3/13	To G.E. Co.	Asks and estimate of electric storm detectors for purpose of giving warning at stations of approach of electrical storm, similar to one installed in Waterside Power plant of Edison Elec Co N.Y. City. W G.E. Co.- Request further details. 4/15 W.

WEATHER DETECTORS

Number.	Date.	From or To—	Subject.	
493634	5/10	Pensa.	Subm report covering experiments for detection of storms and their travel by radio.	
		To Co Pens	10/4	
		Nav: copy of action to Pensacola;	Pensacola Report on results obtained 10/11 W.	
	10-19: W		To Co Amcostia Fwds cc Co Pens act 10/11 10-22	
501097	5/19	Navigation	Fwds copy of letter from Pensacola in conn with experimental work on use of radio equip for detecting storms and their travel.	
501123	5-20	To Navy Observatory	Encs circular letter to Comdts regarding use of radio for detection of storms.	
	8/12	Atlantic Fleet Circ- instrs in conn use of radio with weather forecasts	To Comdts, IM's, etc. use of radio for forecasts	
			Pensacola 7/19	
			Ad Com 7/26	
503358	7/3	Navigation	To Pensacola. have fwded to Com 7/26	
			Copy of letter to Santo Domingo, and Carrie Island directing carry out experiments on use of radio equip for detecting storms and their travel.	
509971	8/4	Atlantic Fleet Circ.	Fwding of weather reports more than 24 Hrs. old need not be made. N.	
510750	9/2	Radio Corp'n Of America	Predicting storms by radio - test data on. W	
			10. Fwds copy 9/10	
			Radio Corp'n of America. 9/11 Acknowledges. W	

WIRE RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 641630	9/19	To Eng Exp Sta Annapolis	Reqsts inform on cable at Station- W Exp Sta. 9/21 W. To O-I-C Annapolis- Reqsts Inform rel reels 9/28 Exp Sta. 10/2-- W To S&A Reqst shipment of cable from Annapolis to CO Anacostia 1188 10/4 RB 10/28 W To Norf- Reqsts Inform 1/9/23
640087	FROM CARD 18		Cavite 10/23 T. Request action W To Cavite (T) Gives inform rel delivery of wire cc Cavite 10/23 Cavite- 1-18- (T)- Request delivery date material at Cavite. W. To Cavite (T) Expedite delivery wire- will advise 1/29/23 Fwd Cavite via MI 2/9/23

1922

Number.	Date.	From or To—	Subject.
652640	12/6	Belden Manfg Co	Twis small sample of braided and stranded antenna wire. W To Belden Manfg Co— comments on sample 12/12

Number.	Date.	From or To—	Subject.
622476	5/8	Springfield Wire & Tinsel Co.	Fwds sample of new braided antenna cable— request test W. To Springfield Wire and Tinsel Co— Gives inform 5/12
623379	5/13	H.L. Judd Co.	Request specifications cov. antenna wire. W. To H L Judd Co Fwds specens 5/23
623889	5/16	H.L. Judd Co	Request specifications covg antenna wire W To H L Judd Co- Fwds print 5/29
627896	6/15	NY T	Request auth to purchase silk covered copper wire to repair amplifiers on destroyer W NY 6/16 T. Matl urgently needed W NY 6/16 T. Matl urgently needed W S&A 6/19 Copy of action to New York W

906

Number.	Date.	From or To--	Subject.
628532	6/10	<u>Xardell Corpn</u>	sends sample of hard drawn copper wire for radio antenna. ~~we need for wire~~ 6/20 Xardell Corpn- Gives information on number of corrugation! 6/26 W.
628985	6/19	<u>Mlec Alloy Co</u>	Calls attention to Co's ability to furnish resistance wire for radio rheostats W
630526	6/26	<u>Mlec. Alloy Co.</u>	Ideal Resistance wire for radio rheostats. P.L. 7/5 W RB 7/18 W
640087	8/31	Cavite (T)	Suggest sufficient wire be shipped to Mare Isl. by submarine P.L. 10/18 on RAINBOW. To Com it Cavite wire quantity size kind wire required. Also loop antenna wire amt need each vessel. 9/5 W Cavite- (T)- Conductor cable not available on local market. 9/18 W To Cavite (T) unable to furnish without complete information 9/25 Cavite (T) give request of amount wire and cable 10/5 W each kind 10/4

To 19

Number.	Date.	From or To—	Subject.
604984	12/15 1/14	Aircraft "Acty Aviation	Request specifications cov high tension cable- fws samples. 7. To A. Scott Co. v. 1/14 Inform cc Chron. Office 1/15
604985	1/17	To S&A	Ask if there is in the Used material stock plain rubber covered wire single conductor W S&A- 2/14 W
50510		From Mr. G. R. 15	To Belden Mfg. Co Ask date wire shipped 1/17 Belden Mfg. Co. 1/19 W 10-- Ask into cables shipped cc Bu of Standards 2/16 W Belden Mfg. Co. 2/16 W To Belden Mfg Co- 2:21 W To Belden Mfg Co- Regst inform rel material 4/26 Belden Mfg. Co. Fws certified invoices cov partial payment. 5/19 K To Belden Mfg Co-- Regst inform 5/26 Belden Mfg. Co.- Gives approximate cost of cable remaining. 6/3 W. To The Belden Mfg Co-- Regst inform 6/8 S&A- Fws invoices of Belden Mfg. Co. 7/8 WK Fws Washington 7/13RB 8/7/22.WK Fws S&A- 9/22 Fws S&A 11/17 To Belden Mfg Co-- Gives action cc S&A 11/18

WIRE RADIO

1922

Number.	Date.	From or To—	Subject.	
608538	2/7	Phila.	Fwds samples of rattail wire - ask if same is obsolete. W. To Phila. re: return rat tail wire W. 2/11 Phila. Fwds samples of rat tail wire. 2/28 W Phila. request action. 3/24 W. Fwds 364 7/3 W cc Phila	
609003	2/14	To Ordn	Submarine Communication cable- Ask if can return amount listed W	919
607835	2/15	Exp. Sta.	Subm list of various lengths of submarine cable available. W	920-5
612749	3/7	Electrical Alloy Co.	Calls attn to characteristics of Ideal resistance wire for radio rheostats. W.	
614505	3/20	Electrical Alloy Co.	Calls attn to Ideal resistance wire for use in construction of radio rheostats. W. To Washington Fwds 364 3/28 Electrical Alloy Co 3/28 3/20 from	

WIRE

1921

Number.	Date.	From or To--	Subject.
586176	9/18	Pearl Harbor	Litzendraht wire - reports -fwds samples of. W. MI- Fwds sample of Litzendraht wire used at Kohuku W. 10/5 MI- Copy action to Pearl Harbor. 10/6 W
586525	9/20	Mar Dept	Ask specification for Litzendraht wire W 7-7-1
588910	10/8	To New England Elec Works American Steel & Wire Co. Babirshaw Elec Co. - Cannot form samples Belden Mfg. Co. 10/26 W. To - Give instructions re wire 10/8 Belden Mfg. Co. - st decisions on points listed. 12/12 W. To - Give info re cable 12/21 To - Give info re cable 12/21	listed wire to be used in circuits which are cable of supplying radio frequency currents in excess of 20 amperes on wave lengths from 900 to 3000 meters W To Mfg Co's - Request inform on correct type of Litzendraht wire to be used in radio frequency circuits. 10/18 W J. A. Goebbling Son, Co. - Cannot submit inform ation requested. 10/23 W Belden Mfg. Co. 10/20 W. 1/17/22
554010		SEE CARD 15	To Commercial Cable Co Ack receipt of lot 1 st /7 W All American Cable Co. - Fwds specifications for submarine cables. 10/14 W. To - Ack receipt of data 10/20

WIRE

1921

Number.	Date.	From or To—	Subject.
590286	10/15	To MI- Pug Sd (T)	Galvanized rope available Budecks sawport without charger ask if advantage use made any part at shore radio stations W Pug. Sd.- (T) Can use 10,000' 10/20 W. MI- Can use rope. (T) 10/20 W.
590924	10/19	To Comdt's yards	Steel galvanized cable- Request inform rel W New York 10/21 Request 5000 feet be furnished W Charleston 10/21 T. Request 7000 feet be furn'd Nort- (T) Exits cable which can be used. 10/24 W. Boston- 10/24 W Sth Dist- (T) Request 6000' 10/25 W Key West- Request 2000' of cable be sent 10/24 E Phila- 10/27- Rqst cable be issued to radio stations W. To Phila- Give Action 10/29
593933	10/26	MI	Request prints of multi stranded conductor specifications be fwyd. W. To MI Fwd Specens 11/5
594471	10/31	Habirshaw Elec Cable Co	Litzendraht wire- Request specens 11/5 To MI Give Action 11/5

Number.	Date.	From or To.	Subject.
517024	(from card 14)		N. Y. Insulated Wire Co. do not furnish flexible cord: 9-17: W
	Belden Wk. Co. 10/6	W	Amor Brass Co. 9-17: cannot supply:
	Stand. Underground Cable Co.-		Okonite Co. cannot supply: 9-17:
	Subm quotation: 10/11 W		Okonite Co.- Offers substitute. 9/23 W
	J. A. Roebling Son Co. Subm quotation		Hazard Co.- Cannot supply. 9/21 W
	with sample. 10/12		American Elec. Works- Cannot furnish. 9/21 W.
	To Reelins & Sons Co- Gives program		Indiana Co.- Do not manufacture. 9/23 W.
	10-26		J. A. Roebling Co. Can supply. 9/24 W.
	Standard Underground Cable Co: fws		American Seetl & wire Co. (T)- Quotes prices
	sample of wire: 10-23: W		on cable. 9/28
	to- Sample fws Phila 10-27		Simplex Wire and Cable Co.- Subm quotation 9/29 W
516223	9-23	To R&D	Western Elec. Co. Subm quotation. 10/2 W.
			Disposition to be made of 80' mast Anacostia W
5391	10/22	To NY	
			T Royal Eastern Co have 30,000 feet of cable 706
			connector on 14 leaded at \$5.79 per foot
			for delivery before November 1st if ordered
			relatively low action to obtain for radio
			installations advise action L
526443	11-2	To Dept Commerce	Confirmation of above convsn rel delivery of
			wire to rep from Card NY
			To N.Y. Dept of Loan 11/2 (T)
			N.Y. (T)- Antenna wire for light house Dept
			delivered. 11/8
534348	12-14	To Boston T	Bar Light Houses 11/26 W
			How many feet subm submarine antenna cable
			stock Boston & W
			1000-4795 ft. on contract. 12/15 W
			N.Y. - Recommend cable be purchased and
			avd. 3/8 W.
537817	12/30	Phila	Confirms telephone conversation in conn with
			purchase of wire insulators for radio compass
			pro. ent. T.

WIRE

Number.	Date.	From or To—	Subject.
✓ 538348	1/4	Standard Underground Cable Co.	from quotations covering wire.
	To IN NY 3/26		To N.Y. 1-20-21
	N.Y. 4/8		To IN NY 2-19-21
✓ 546051	X-12	To Brooklyn	To IN NY Gives instrs 4/27
			Regst info rel coils phosphor bronze
			wire available in used material account LW
			Nav. Sup Depot 2/14 W.
			To ASD- no further action be taken 2-17
✓ 552510	3/22	To Boston (T)	Ask how many feet sub loop antenna wire on hand- W
			Boston-(T) Gives amount of wire on hand 3/23 W
✓ 555883	4/2	Phila.	Fwds letter from CO of various Destrys rel to why Litzenbraht wire is requested. W.
✓ 566010	5-18	To Western Elec Co	Regst info rel manfg of submarine comman cable. W
	To Comm Cable Co Regst Data 10/4		Western Elec. Co. 6/1 W
	All American Cables will fwd data when collected 10/7 W		To C&A- Data not now available gives inform 10/4
	Commercial Cable Co 10/7 W-Fwds specific		All American cables Inc- Regst data of
	Gov St. John Cable. 10/7 W		can nature rel to deep sea cable- 10/4
✓ 568032	5/28	Dept of Commerce	Fw's copy of letter from Clinton Mfg. Co. rel to co's ability to make wire W.
✓ 567032	6-9	To Clinton Refining Co	Regst dat be subm in various types of resistance wire W
Boston rean 245/21	7/14	To Boston via S&A	Antenna wire insulated for submarines WR

WIRE

1920

Number.	Date.	From or To--	Subject.	
✓ 481499	3-19	To Standard Underground Cable Co.	Request fwd catalog of various types of wire. Standard Underground Cable Co.- Fwds bulletins 3/23	W
✓ 482941	3/20 3/22	From S&A -d. (T)	To. asks fwd addtl copy 4-10 Stand. Underground Cable Co.- Fwds addtl set 4/13 W Request wire for radio instlns. ARKANSAS NEW YORK, & TEXAS. Fwds S&A 3/22	W
483324	3/22	N.Y.	Recommends cable at Boston Yard be used up at once and new cable furnished to replace from Standard Underground Cable Co. IM NY 3/29	W.
483853	3-27	To Standard Underground Cable Co	Fwds specifications. W	
Y&D Bu. 428	4-2	Fwd S.O. Ny	Disposition of material received for shipment to Lorient, France. copy to Key West-1.M. Norf and 9th Dist.	W
486093	4-8	To S&A	Request shipment from N.Y. to Key West 15,000 ft. of wire for radio station St Pet rsburg. (2126) 4/23 W Fwd S&A 4/27 cc Cdt 9th IM Norf and Cdt K.W. conc of shipt order 4/30	W
✓ 486265	4/16	H. D. Kinney	Ask if Navy has any detector bulbs for sale.	W.

Number.	Date.	From or To—	Subject.	
✓489398	4/21	American ~~H/R~~ Corpn	Request American Brans Co. be directed to expedite shipt of wire to Belden Co.	W.
✓496438	5/25	American ~~H/R~~ /Corpn.	Fwds sample of Witz wire which is being recd from Belden Co. Calls attn to defects in. W	
✓497843	6-7	To Secty War	Request transfer of army trench cable in store at San Antonio Texas be made to Dept. W To War Dept. advise when reply be made 7/22 S&A- Copy of action to War Dept. 8/15 War Dept- Transfer authorized. 9/15 W.	
502150	6/2 6/25	War Dept ~~S&A~~	Request disposition of antenna wire at st tent use. and S&A 7/1	#2
517024 TO CARD 15	9-15 9-15	To Firms Rome Wire Co.- Cannot supply 9/18 Atlantic Wire Co; do not furnish flex- ible cord; 9-17 Safety Insul Wire & Cable Co; do; 9-17; L.Y.	Request and samples of cable W Acme Wire Co. 9/18 Cannot supply. W. Lwell Co. ditto Massachusetts Co. ditto Driver-Harris Co. ditto Recommends cable being supply Coast Guard be spliced in the field instead of sending to L.Y.	
516885	9/11			

WIRE

1918

Number.	Date.	From or To—	Subject.
✓ 457999	11/15	To Bureau Standards	Report and data on radio research problem 25 vacuum tube trans set speaker system for use in conn with future design of such apparatus. W
458000	11/17	To Anacostia	Considers problems 10 and 12 completed. W
458597	11/21	To S&A	✓ Tent submit from NY to W on 15000 feet radio antenna wire. W S&A 11-26 W 11/29
460419	11-28	Boston (T)	300 feet of loop antenna wire ship 11-28 to Washington, W
464311	12-22	To S.O. Boston	Special underground receiving cable. Stock. Repts furnish report. W Boston 12/26

Number.	Date.	From or To—	Subject.	
465655	12/27	Phila. (T)	Report covering shipt of cable to Norf. by express.	W.
466876	1/3	Boston (T) 775	Submarine loop antenna wire- status of shipt of Standard Underground Cable Co. Phila. Confirms tele. cone conversation in conn with request for transfer of loop antenna wire. 1/2	W.
48464	1/19	To Navy Yard Boston T	Despatch five thousand ft submarine loop antenna wire shipped Boston. Most existing shipping orders be immediately filled. W	W
473047	1/27	3rd Dis	Fwds print of Western Elec type head tel- phone showing proposed change in cord support. W	902
477317	2/21	To S&A To S&A. Request status 7/23	Request shipment from Fleet Base to Great Lakes radio appr. W Fleet Base. Fwds proposals 5/8 To NY advise rel status 6-15 cc G. Laker I.O. 6/26 W	W.
480279	3/5	Dept. of Public Safety, Norf. To S&A- Recommends material be supplied. 3-10 Telefunken set removed from Norf. Dept. of Public Safety- Request radio be assigned to city. 3/9 To S&A 3/11 To S&A- 3-12	Installing radio apparatus at Police Headquarters, Norf. W.	W.

WIRE;

Number.	Date.	From or To--	Subject.	
✓ 418214	5:13	Ph	Conf tel conv reqst rubber cov antenna wire be delivered by spec messenger.	W
418129	5-15	To S&A	Reqst shipment from Phila to Washn 4-gorman 500 ft spec. d wire	306
✓ 427877	6:23	Enger Equip Co	Asbestos cov wire, sub infer re uses of and ability of Co to sup. To req fwd samples 6/25 Enger Equip Co- has lots of rockbestos wire. To Norfolk fyds price list and samp of Rockbestos magnet wire 7/1	W
✓ 427654	6/24	To Standard Under Cable Co	Reqst estimate cost per ft of cable be quoted Bureau Stand Under Gr Cable Co- Cannot furn infer req.	W
✓ 428048	6/25	To S&A	✓ Req ship from Boston to Phila wire	W
✓ 435146	7/28	To Boston	Req no of feet of special subterranean radio receiving cable on contract 45566-1919 RB 8:5 Boston 8:13	W

1919

Number.	Date.	From or To--	Subject.
440139	8/16	Bath	ask if rubber insulated lead covered cable for radio telephone installation satisfactory. 345-0-6
447570	9-25	Phila (T)	Reqst expedite shpmt of cable for submarine loop antenna to Phila (T) 9/25 W
452477	10/15	Westinghouse E.M. Co.	fwds sample of rubber covered wire for inspection. W. To Westinghouse E & M Co-Sample of rubber sat. 10;26
452458	10;21	To Navy Yrd NY	fwds data on Radio Pilotin Cable. W. To IN NY - fwas photost. 10/26 ~~To IN NY - fwas data on radio pilotin cable 10/21~~ To Sec War - Reqst for cable laying vessel 1./3 New York 11-10 To N.Y. - Have reqst Opr for expr vessel for test of radio pilotin cable 11/13 10-15 change in spec for radio pilotin cable 11/15 War Dept 11-13 Will advise when cable shipt Joe Henry is available for laying cable- W (cross 711-5)

Number.	Date.	From or To--	Subject.	
386500	1/20	To Phila	Req info re to wire in stock Phila-No wire carried in stock. 1;25	W
386748	1/18	Inspr Brook	Submits report on test of Litzendrought wire L 731	
389370	1/30	To SAVANNAH	Contracted for 4,000' of insulation wire for submarine underwater equipment 2000 ' to be delivered to SAVANNAH 1/30	907
✓ 391209	2;1	Inspr Brooklyn	Exds copy of correspondence between Marconi Co and Belden-Wig Co in con with Litzendrought wire.	W
38271	2/19	To Inspr Chic (T)	Requ del of Litzendrought wire from Belden Co to Wireless Spec Co Belden Co not shipping as promised W-S	629
43881	3/8	To Inspr Brook	Contract 43881 c VG 4,000,000 ft of wire cancelled Contract 41763 has been modified to provide for one instead of two million ft of antenna wire S	629
405604	3;26	Marlan Rockwell Corp	Order for their Rockbestos wire for radio work etc.	W

Number.	Date.	From or To—	Subject.	
4807	3/22	Brook	States improved antenna wire being mfgd by the Inetnatl Radio Co	629
408557	4-8	To S&A	Asks prepare shipmen order transferring 2500 ft conductor cable to Boston yard installa destroyers 1	902
410875	4-15	To S&A	Req shipment from Brook to Phila cable W	
413982	5:29	Fwd to S&A	Received back 7:31	
413970	4:28	TO S&A	Reqs ship from Brook to Phila of wire.	W
415127	5:3	To Baker & Co	Asks quotations on wire. Baker & Co 5:10 To Baker & Co Inc- reqst quotations 5-14 Baker & Co-Sub quotations cov wire 5:21	W
416937	5-12	To S&A	Reqst shipment from Boston to Washn 500 ft special wire. To S&A req cancel 1 of SO 5-12 5-14	

WILL:

Number.	Date.	From or To—	Subject.	
345502		FROM CARD 9	Boston Oct. 17	
362182	11-1	To NY	RE proposed arrangement for receiver wiring— rects that samples of plug board plug and control board be submitted to BU CO— (C) 12:30. I. ed. Shi. of Services 12, 3 NY- Tel 11:7	W
375253	12:2	Edw C Cassidy	Wants samples of various styles of Rajah terminal to test and compare with wireline outfit for Coni Co. W	
375241	12:5	Bureau of Standard	Wants report of results of experiments on samples of insulated cable sub. W	
376274	None	Insp'r Parties. Tel.	But that in Dec 20, 1918, in full of service of Tel. Co. let's complete the message for parties. W	918
376934	12/16	To Insp'r Buff.	350 feet of model "H" high tension cable will be furnished by BU at once. W.	918

Number.	Date.	From or To—	Subject.	
✓ 380276	1/22	International R T Corp.	Sub quotations on special wire.	
✓ 3878947	12/24	TO NY	Fws vandykes print showing proposed turret officers emergency switc	L
✓ 383561	1/9	To Dudlow Mfg Co.	Req info whether you can manf and supply a quantity of from 1000 to 2000 ft of cable, also estimate of cost and time required for delivery are also desired. Dudlow Mfg Co-Cannot furnish material req. W 1:11 New England Elec Works-Quotes prices: W 1:14	
✓ 385888	1/19	To Roeblings Sons Co.	Specs specifications	W
386493	1/20	To New York	Req info re to wire in stock	W
386494	1/20	To Boston Mass.	Req info re to wire in stock. Boston-Tel- No copper wire available for shipment. 1:23	W

4-3381

Number.	Date.	From or To—	Subject.	
352921	9/24	Boston	Conf tel conv in conn w dif in obtaining copper clad wire for radic tel	902
356004	10-9	To Manhattan Elec Supply	Rest if order for cable has been completed, W Manhattan Elec. Supply Co/ Oct. 11	
✓ 359012	10-10	To Boston (T)	Inform how much silicon bronze radio antenna wire shippt Casn since Sept 1st. W To— (T) Advise amt radio antenna wire 7 No 18 shipped M 18 since Aug first 10-14	
357419	10-15	To NY	Asks for 4 thousand feet of Phosphor bronze wire as given- if not instock asks info of wire corresponding To East ditto 10-15 Boston Oct. 19 NY- Wire not available 10:23	W
357717	10-15	To Belden Mfg Co (T)	Ref your desp 11th Antenna wire silicon bronze not insulated Signal Corps specs 416 I Aids close Oct 17th	W
359012	10/11	Boston	Telegram - States shipment to - wire to Charleston Boston Oct. 16 Telegram 60,000 ft. Antenna wire shipped Mare Island since Aug. one To— Asks that Bost ship M 18 24,000 feet wire per month until Jan 1-1919 10-17	

WIRE:

Number.	Date.	From or To—	Subject.
✓324811	7:5	Boston	Confirms tel conversation in connection with shipment of antenna wire to Standard Underground Cable Co.
324931	7:5	Boston	Confirms tel conversation in connection with antenna wire shipped to Boston. W
3-2508	6/2	Inc or Ltd	Adv contractor letter to gov. w/ int of ... on government bill of ... Adv Sta 6/25 Adv Sta 7/6 Adv Sta 7/9
298581		See Card 6..	To Nav. Ex. Sta. MI vi. Com. MI. Reats. report on present status of cable. 7/13
✓327412	7:16	E J Simon Co.	Relative to antenna being mfg by DeForest Co. using metal screws instead of other material. same will not work satisfactorily.

C29

1918

WIRE

Number.	Date.	From or To—	Subject.
✓ 303624	5/3	Am R&R Corp	Sample reel - fwds notes covering revision print. W To Harf-fwds copy letter from American Radio & Research Cor ph--5-7
✓ 303633	5-4	To Drive Harris Co	In re delivery michrone wire for Manhattan Elec Co--5-4 W To Ver-Tek Co - balance of material being ship to Econi. 4th. 5-4
296581	5-10	See Card 6	To J. A. Roeblings Sons- Desires accurate info in re order special cable-- John A. Roebling Sons Co. to make immediate shipment of single contractor cable. W 5:15 To Roebling. Re r. 11. 5-10. 5-17
✓ 305753	5-13	To L/S. Brack Supply Co	Asking information as to when reel will be ready for shipment. W L. S. Brack Supply Co. will mfg. sample airplanes antennae rails and fwd for test. W 5:14
305975	5/11	Experiment Station	Expedites special insulator contractor from Roebling & Son for under water radio test. W 903
✓ 306759	5:14	American R & R Corp	Reqs that rail be deliv. to the Army upon completion of test. W
307137	5-18	S&A	Reest shipment from Boston to Mare Island 10,000 ft antenna wire 818

WIRE

206

Number.	Date.	From or To--	Subject.
309771	5-14	TO S.A.	Best shipment from Miami to Wash- Real test and cable.
312630	5/1	Belden Manuf Co	Request place code number on specifications for special Belding braid.
319080	6:20 6:21 7:18	Copy of let to Stand. Cable Co direc. Pg. 54 fur wire Box 2/1 S & A Standard Under- ground Cable Co. reports on shipment made.	Antenna wire to be carried in tank to all class of air and land. London New Orleans - Fwd's shipment test for antenna wire. 9th Dist 6:25 Charleston - Give statement of stock required W 6:25 New York - Sub. estimate for bronze antenna wire. 7:8 Ports - Sub. instr. W 9:7 Pg 54 - Request Bureau secure earliest shipment of antenna wire from Boston. W 7-6 To S.A. Gives schedule of shifts. of antenna wire. 7/24 Reqs immediate shipment of 20,000 ft. antennae wire. Boston cannot furnish.
322903	7:2	To S.A. Asks that supply officer Post honor express charge for silicon bronze wire actually recd at that yard 1-29 Stand. Under Gr Cable Co.	Re Boston. Schedule of shifts. of antennae wire. 7/24 To S.A. Asks that supply officer Post honor express charge for silicon bronze wire actually recd at that yard 1-29 Stand. Under Gr Cable Co. Quotes prices for wire. W
323095	7:5	Mare Island	TEL. Gives amount of bronze antennae wire in stock. W To S.A. Repts. that Stand. U.C. Co. be instructed to ship antenna wire accord. to instruct. 7/8

Number.	Date.	From or To—	Subject.	
313888	6/28	Key West Great Lakes Norfolk	Repts. factory inspect. be waived To S&A Gives shipping instruct. for Stand. U.C. Co. antenna wire. 6/28 To Roebbing's Repts. data re noc. assist. will require to meet del. reqrts. if award contr. wire. 7/2 To S&A Repts. Stand. U.C. Co. be instruct. to ship wire as per list. 7/9. To Wants to make shipment of antennae wire. W 6:24 SEES other side of card Fwds copy of ship reqst. Reqst amount of wire desired. W To S&A Gives instruct. for ship. of antenna wire. 7/19 To S&A Repts. th t nec. steps be taken to waive inspect. of all wire. 7/19 To Boston (3) Repts. wire has been ship. re line 7/1. 7/28	
322048	7:5	Driver Harris Co.	Will give delivery date of material on 7:23 W	
339831	8/19	Boston	Conf tel c'ny asking what wire was to be used for	used 902

N.S.E. Form 134

WIRE

Number.	Date.	From or To	Subject.
✓ 323048	7/5	To Sperry Gyroscope Co.	Driver-Harris Co. have been reqtd. to honor yr. order. 7/5
	W M Stern - 7:19 W		To Driver-Harris Co. Reqts. to honor above order for wire. 7/5
	To Driver-Harris Co. Reqd. that you supply the Sperry Co. with rad. wire. 7/5		To Driver-Harris (T) Same as above. 7/3
			" Cannot sell unless Sperry Co. have license to use material. 7/5
			To C.L. Sterns. Advise to take action to obtain order for Sperry. 7/17
✓ 323095	7/5	To Mare Is. (T)	Wire lined. Amt. of sil. bronze antenna wire in stock. W
302652	7:3	Weston Elec Co	Fwd's inspection books for radio tel sets. also specifications. W
319080		See other side	To Boston. Gives lists of shipts. of wire to Boston. 2/7/9
			Boston - Confirms tel conversation in connection with antenna wire shipped to Boston. W 7/5
32577	2/8	From A	Advise on time for the 7/5
			It. of wire 2/5/18. 7/5
✓ 335207	8:6	Manhattan Supply Co	Calls attention to correspondence with Cutting & Washington relative to delivery of cable and reqst bureau's decision.

WIRE

Number.	Date.	From or To—	Subject.
✓ 291287	3/22	To Simplex Wire & Cable Co T	Ask if have available 4000' #12 simplex lead covered cable. W
			Simplex wire & Cable Co - (T) can make immediate delivery single contactor lead load cable - quotes price - W
✓ 291288	3/22	To Indiana Rubber & Ins Wire Co T	Ditto. W
			Indiana Rubber Co-T-cannot furnish.W
✓ 291392	3/22	To Okonite Mfg. Co T	Ditto. W
			Okonite Co-can supply quotes prices.3/23.W
			Okonite Co-None available for immediate delivery.W 3-25
			To--3/27
	3-27	Inspector Boston	Ask if coils of wire Litzendracht wire in lengths exceeding 1100 feet will be acceptable
✓ 295511	4-4	Amer R&R Corp	Relative to forwarding types of reels to Hampton Roads - request authority to bid on Schedule opening April 10th. W
1/ 295705	4/6	DeForest Co T	Quotes price for airplane reels.W
✓ 295700	4/6	Crane RR Corp	Sample reel fwded Hampton Roads reqt copies schedule.W

906: WIRE

Number.	Date.	From or To—	Subject.
✓ 297209	4/11	American RR Corp	Antenna reels submitted to Hampton Roads for test-quotes prices for.W
298552	4/11	To S&A	Reqt shipt of Litzendraht wire from Wash to T. Johnson. At Marconi Co. W
✓ 298581	4/19	To Roebling & Sons Co	Instns re making up special wire as listed.W
✓ 298588	4/19	To S&A	Instns re making up special wire as listed.W To--(1) Procedure constraints. 4/22 To--Wire when special cables number one and two will be ready for shipment-4-30 See Card 7 J. Roeblings Sons Co. 1-15 T re shipt of cable 5-1 Reqt shipt of Litzendraht wire from Wash to NY.W To (1) Roebling Sons- Ex press item on e wire letter tw. 11-10-18 to 11-10-18. 11-10-18 care Com. McQuill for 11-10-18. 11-10-18 Cost 11-10-18. 11-10-18. 11-10-18. 11-10-18 New type of reel-fwds print.W
✓ 300035	4/19	American RR Corp	New type of reel-fwds print.W
✓ 300424	4-22	To J A Roeblings Sons	Fwds prints containing spec's. for two sizes of silicon bronze antenna wire.
301430	4/22	Miami	Ask if cable loaned by Dr/ Austin is to be retained at station or shipped to Tuckerton. W 908
✓ 305512	5-1	Am R & R Corp	Fwds reel for type T-6 to Hampton Roads for test - request return of as soon as possible. W Hampton Roads - 9:21 To American Radio and Research Corp-5-7 Amer R & R Corp 5/8-request return of model 9/13

1910

WIRE

Number.	Date.	From or To—	Subject.
273411	1/14	To NY	Specs for antenna wire, RY 62A 104A changed to RB 102E. W
276725	1/28	To Atl Flt	Litzendraht wire reqtd by ships. Diracts make reqts for on Wash yard. W
277554	1-30	Inspr Chgo T	States have rejected Litz wire - asks if desires be sent to Washington Yard for inspection. W
	~~2/1~~	~~Inspr Chgo~~	To--(T) Directs fwd rejected wire to Wash for inspection. 2/1
	Fwd Wash—3/9	RB-3/14	Chic—1/31—W
			Fwd Wash—2/8—RB—2/28
278847	1/31	Inspr Chgo	Reports shipment from Belden by express of Lkts wire. W
279313	2-2	E. J. Simon	States has on hand about 10,000 ft. of litz wire. W
		P	To—Reqt price and weight of. 2/9
			E. J. Simon—gives weights. 2/20. W
			To—Bu has no use for wire. 3/1
280950	2/12	To Amer Brass Co T	Ask price 5000# #12 hard drawn bars copper wire. W
			Amer Brass Co-1 - quotes prices. W 2-15
280070	2/13	To Phila T	Ask if can ship to Wash 150' Belden -raid without depleting stock. W
			Phila (T) - can furnish 100 feet without depleting stock 2/15 - W
			Phila (T) - 1/2 inch not available - 2/14 W

[OVER]

1917

4

WIRE: RADIO.

Number.	Date.	From or To—	Subject.	
✓236628	6-27	M Is	Litzendraht wire for radio stock; reqt specification. To M.Is.—8/31	
✓237422	6-29	Wash Yd	Submits report on various kinds of wire.	
403	7-25	Fwd Bost	Comments re specns for antenna wire.	529
240974	7-27	De Forest Co.	Antenna wire; reqt. DeForest Co. to be directed to expedite delivery.	7-27-1
✓244867	8/18	Bost	Antenna wire; specifications; fwds W	
✓245031	8/14 8/21 To—9/15 To—9/26 To Bost—	Standard Underground Cable Co. War Dept	1100 pounds of phosphor bronze antenna wire, W offers W To Bost—Directs notify company that reqn is being prepared to cover. 8/28 Bost 9/11 Standard Underground Cable Co 9/17 Bost 9/15 RB 10/20	
249306	9-11	Fwds Corres. and directs Bost Yd make reqn. 9/26	Antenna wire; specifications. W	
✓251212	9/22 9/24	J.H. Bunnell & Co S&A	Gives amount of aerial wire on hand, ready for immediate shipment. W Fwd S&A—9/28	

WIRE: RADIO. 906

Number.	Date.	From or To—	Subject.
258102	10/30	Wash	Litz wire; Chgo recommends changes in specifications-W
258933	11/5 11/6	Boston S&A T	Cutting & Washington reqt 20 thousand feet of phosphorous bronze antenna wire for use in manufacturing commercial radio sets.W
264118	11/28	DeForest Co	States are unable to find any Litz cable such as the Federal Telegraph Co use with their 5 kw helix.W Fwd Wash--12/18 R3 1-16 To--Litz specs for Litzendraht cable.1/18
263831	12/1	To Wireless Improve Co	Braided Litzendraht wire may be used for wavometers under construction, provided the standard stranded wire cannot be obtained.W
624460	12/5	12/5 To Firms	#36 silk enamel wire for Universal Winding Co., for use in manuf of radio appa. Ask if can supply. W National Acme Co 12-7 Belden Mfg Co 12-8 De Forest Co 12-10 Amer Steel & Wire Co 12-13
268039	12-18	31 Co T	Unable to locate any record of cable furnished in accordance with telephone conversation.W
270880	12/26 1/2	7th nav dis C&R	gives requirements for antenna wire for the next 3 months.W Fwd Key Sent--1/5

WIRE: RADIO

Number.	Date.	From or To—	Subject.	
206578	11-24	Phila	Stranded conductor wire for radio frequency circuits; reports on test of.	
		Phila reports on test 1/29	Fwd Wash—For comment. 1/3	
		To Wash—Fwd report, and directs	To Phila—Comments on. Repts certain	
		test of held. 2/6	Information. 1/3	
		Wash rec test wire from Belden Co	Phila report will be forwarded Jan 26th 1/20	
		delayed until test wire is recd	Wash test str. 1/25. Phila test wire for	
✓ 209333	12/21	to Belden Co	radio receiving; making as required by the	
			Wash Co. Gives attend for.	
			To Wash reply to letter Dec 21st. 2/2	
			Belden Co will send information this week 2/5	
210094	12-28	Argentine Nav Com	Phosphor bronze antennae wire; request	
			data on.	
			To Nav Intelli—Rec b/p be fwded to. 1/4	
Bost 232	2/5	Fwd S&A	Antenna wire. Rec spec for be strictly in accord	
			with drawing RB 6.2A 103B. Appvs purchase. WR	
330	2/9	Bost	Reports on test sample antenna wire	706
330	2-10	Bost	Fwd report on test of antenna wire connector. 706	
215104	2/17	To Bost	Directs make tests of silicon bronze wire and	
			phosphor bronze wire when used on ship and	
			subjected to smoke and gas over the funnels, to	
			see which is best adapted. W	
			Bost outlines proposed method of test for	
			antenna wire 3-21	
330	2-17	To Bost	Directs prepare specs for use in future	
			purchase of connectors. Gives outline rec	706
			followed.	
330	2-17	To H. G. Co	Tests shows connectors entirely satis. Will	
			consider in future purchases.	706

WIRE RADIO

906

Number.	Date.	From or To—	Subject.	
217238	3/8	To Bost	Rest one Vandyke and one print of Bost radio report RB 3A 116A to be fixed to Du. wire. Submit by 11:00 AM Corn Bost fwsd print giving result of test 3/13	
221306	4/6	To Bost	Directs prepare reqn for 1000.000 feet silicon bronze antenna wire, specns RB 62A 101B 2,110.000 feet antenna wire, specns RB 62A 101B.	62A 101B
712	4-8	NY	antenna wire, Golden Co and Western Elec Co have furnished suitable wire.	706
226118	5/3	Phona Bost	Yard retd infor as to status of reqn 558 for antenna wire. Y	
227481	5/8	John A. Roebling's Sons Co	Specifications and prints for bronze wire; comments on W	
	Bost 8/18		To Bost—Instrns 5/21	
	Bost 8/17		Bost fwsd blueprint specifications 8/15	
	To Bost—	Appvs specns. 8/20	To Bost—Appvs drawing 8/20	
			To Bost—Rqst reply 8/14	
227578	5/10	to J.A. Roebling's Sons Co	Rest infor re practicality of manu- facture of hard brown color wire 1000 ft. in lengths. W Roebling's Sons Co 5/11	Co 3 1000
229995	5/23	Standard Underground Cable Co	Comments on specifications for antenna wire. W To Bost—Fwsd copy of above letter. 5/26	
403	6-18	Brook	Silicon bronze antenna wire. standard underground cable coasts if elastic limit to be determined.	629

1915

WIRE: RADIO

Number.	Date.	From or To—	Subject.
159093	6-24	NY	Antennae wire for stock: fwsd sample.W To--Appvs recommendations. 6/30 To--Returns for revision. 7/2 NY returns revised 7-21 Fwd S&A-- 7/23
167944	10-11	To NY-Phila. (R)	Have you in stock any magnet wire used for winding arc radio magnet coils. W NY (R) No wire in stock. 10/11 Phila (R) ditto. 10/11
185100	4-20	To J.A.Roebling's Sons.	Hard drawn copper wire of high elastic limit. asks if Co can furnish wire of certain lengths. Clark (T) possibly can make shipment July 14-28 Roebling's Co gives sizes 4-27
185518	4-26	To Phila.	Antenna wire for radio stations: recd data for use in calculating physical con- stants of wire. W Merchant & Evans 5/2 Phosphor B.Sm. Co 5-12 To Bost-- Fwsd copy Phosphor Bronze Smelting Co letter for use in preparation of reqs. 5/22. Roeblings Cons 5-23
186425	5-1	To Bost. (T)	How much number 167 stranded radio antenna wire is d/s delivery prior June 15th. W Bost (T) 5-1
9545	5/8	Wireless Imp Co	Recommends changes in specs for Litzen- draft wire

706

906 WIRE: RADIO:

Number.	Date.	From or To—	Subject.	
187595	5-12	To J.A.Roebling Sons.	Gives data on reqn prepared for hard drawn copper wire; lists points of deliveries. W	
189193	none	Geo. H. Clark (Memo)	Analysis of bids on schedule 9707, antennae wire for high powered stations. W	
9545	6/1	Bost	Rat tail wire; cancellation of class 271 leaves yard without stock	796
190349	5-10	To Yards.	Battail wire will no longer be considered standard equipment and will not be carried in stock; lists drawings that require no rattial. W	
191461	6-21	NY	Antennae wire; fws drawings showing standards. W	
198078	8-29	Bost	Antennae wire; specns 16-R-1a; proposed changes in. W	
		Bost fws prints 12/13		
		To--Appvs drawings. 12/20		
199995	9-21	John Firth	To--Bu desires specns for each size put on a separate A sheet and give separate number. 11/3	
		~~W to call report as to essential~~	Wire for serials; new type used in English	
		~~diff. reqs. between meter cover~~	Navy: reqt test sample at laboratory. W	
		Exp Radio Aide AL Young Reports	Fwd Wash. 9/23 RB 9/27	
		To--Wire unsatis. 1/11	on test 12/29	
			Firth will fwd to Wash for test. 9/25	
			To--Offers to test at Wash. 9/23	
			Fwd Wash. --Reqt report after test. 9/29	
			To Wash--Ask when report on wire will be received. 12/6	

906

Wireless.

1 ✓

WIRE.

1912

Number.	Date.	From or To—	Subject.	
81575	11/1	To S&A	Request shipment of wire from NY yard to Naval Radio Laboratory, Bu of Standards.W	
82232	11/6	Boat	AERIALS, reqt definite instructions as to kind of wire to be used.	875
			1913	
87757	1/6	NY	AERIAL CABLE, fwds reqn for 120,000' and reqt comment, cannot copper clad steel wire cable.	875
88097	1/16	NY	AERIALS ASKS WHETHER monot copper clad or silicon shall be purchased for stock.	875
90936	2/19	Boat	AERIALS, reports on stock Monot copper clad wire for, reqt authority to use on RANGER.	875
94697	4/11	To NY & S&A	Insulated iron wire, reqt shipment of 3000 ft. NY to Wash.	916
			1914	
114335	1/7	To S&A	antenna wire, reqt shipment of 500 ft. from NY to Wash.	916
129200	7-6	S&A	325-5 FW reqt from NY Yd for 100,000 for silicon br ze wire for aeriels; reqt comment.W als Dept-rec pur use. 7/7/31. rb 7 31	

BALBOA AIR STATION

1922

Number.	Date.	From or To—	Subject.
✓ 646042	10/14	15th Dist.	Re Palma- quarterly inspection report. 7.
✓ 649831	11/7	15th District	Report on special projects Sept and Oct 1922 To Balboa- Re shipment of wavemeter 12/6
✓ 651856	11/21	15th District	Report covering increased cost of construction of two family quarters. W Fwds ds & Decks 12/7 Y&D 12/11 Copy of action to S&A W Y&D 12/21 W Fwds 15 Dist 1/6/23 RE 2/9 W Fwds S&A via ds & Decks 2/13/23
✓ 654046	12/11	15th District	Monthly report for November on special project W

Number.	Date.	From or To.	Subject.
643727		from card 30	To Balboa (T) Feds copy of instrns cc Washn 12/21
655241	12/29	15th Dist T	Request immediate shipment of long wave receiver for NEVADA W To S&A Re: st shipment of receiver from Washn To Balboa 1848 1/5/23 RB 3/20

Number.	Date.	From or To—	Subject.
644514	10/6	Dept	Fwas correspondence regarding restrictions upon use of radio in Panama— request comments. W. Fwas Naval Communications 10/12 W Fwas 15 Dist via Yds & Decks 10/17 RB 11/20 W
644572	10/7	15th Dist. Copy	Are out of commission due to broken lead. W
644566	10/6	Y&D	Copy of endorsement to SIA rel to contract for deep well at Cape Malo. W.
644735	10/9	15th Dist. Copy	Request auth to award contract for drilling well on terms itemized. W. Fwas Yds & Decks 10/11

BALBOA RADIO STATION

1922

Number.	Date.	From or To—	Subject.
645124	10/9 10/10	15th Dist. (1) - S&A	Request cancellation and authority covering drilling of well and to place award as itemized. Rmds S&A 10/14 W
645413	10/4	15th Dist.	Subm report on need of Lapalma radio towers for repairs. W. Y&D- Copy action to Balboa. 10/17. W
646014	10/4	15th Dist.	Cape Majo - quarterly inspection report. W
646043	10/4	15th Dist.	Porto O' Beldio- quarterly inspection report. W.
646041	10/5	15th Dist.	Balboa- Quarterly inspection report. W.

BALBOA

RADIO STATION

1922

30

Number.	Date.	From or To—	Subject.
641781	9/6 9/15	15th Dist. Dept	Restrictions upon use of radio in Panama comment on. Fwds Opers 9/22
642169	9/13	15th Dist.	Fwds radio report for Month of August. W.
642337	9/12 9/21	15th Dist S&A	Request rain clothing allowance be granted radio stations in District W Fwds 15 Dist 9/26 RE 11/14 W To Dir Commis- Commissioning of remote co trol and recg station cc MI- Guam 10/5
643058	9/27	15th Dist. (T)	Contractor will dig well at Cape Mialo recommends accept offer. W. as a bonus- Gives action taken cc 15- dist 10/8

BALBOA RADIO STATION

1922

Number.	Date.	From or To—	Subject.
643367	9/29	Mare Isl. (T)	New radio control station at Marizo placed in commission; Yico control station placed out of commission. reqsts Report 11/1 to Guam-11 (T) Guam 11/7 T Repairs not completed L
643503	9/29	Y&D	Copy of letter to S&A requesting 15th Dist be authorized to make contract for digging well at Cape Mala W
643727	9/23	15th Dist. card 32	Request instructions cov issuing model RC receiving equipt to Balboa Sta. W. To S&A Request shipment of condenser unit from Washn to SO Balboa 1237 10/9 RE 11/17 W To Comdt Balboa- Receivers not satis. 10/14 W
644363	10/5	Dept VOID SEE 914	15th Dist- (T) Request instrns cov issue of receiving equipt. 12/20/22. W Copy of letter to 13th Dist. submitting recommendations for new compliments of communication activities in 13th Dist. W

BALBOA RADIO STATION

1922

Number.	Date.	From or To—	Subject.
631804	7/1	15th Dist.	Fwds quarterly inspection reports for various stations. W
634402	7/14	15th Dist.	Fwds report on special projects month ending 6/30 W
635939	7/25	15th Dist.	Request maintenance allotment for stations in 15th Dist. be increased to cover assistance. W Fwds Navigh via Dir Comms Dept 8/18 as 9/26 W Fwds 15 Dist 10/8 RB 10/1 with estimates in detail Mare Island Copy action to Dept. 10/26 W Fwds Navigh via Dir Comms 11/4 Fwds Balboa via Opera 1/8/23
637523	8/14	15th Dist. (T)	Request auth to draw Gould batteries from storage for use at Puerto Obaldio. W To 15 Dist (T) status of shipment 8/16

BALBOA RADIO STATION

1922

Number.	Date.	From or To—	Subject.
637877	8/5	15th Dist.	No work performed on special projects fiscal year 1923. W.
637916	8/8	15th Dist.	Fwds copy of letter from Secretary of State to American Minister at Panama rel to immunity of enlisted wireless operators from arrest at La Brea and Puerto O'Baldo. W. Fwds Dir Commis 8/28
638685	8/10	15th Dist.	Request spare transformer coils be fwded by mail to Balboa Sta. W. To SAA Regst shipment of transformers from Washn to S Balboa 855 8/28 RB 2/9 W 15th Dist. Request addtl inform be fwded 9/2-W to coils 9/18 - Regsts report on sets 15th Dist. Report on operation of RB receiver 15/8 15 Dist 11/8
641306	9/5 9/7	Balboa 15th Dist.	Subm request for allotment cov addition to quarter of officer in charge. WK 15 Dist - allotment not granted 9/16

BALBOA RADIO STATION

1922

Number.	Date.	From or To—	Subject.
625987	5/31	15th Dist. (T)	Request immediate shift of radiation meter. W To Balboa - Request report 6/7
626512	6/3	Y&D	Returns savings under allotment cov projects at Cape Hale and La Palma. W. Y&D - copy of letter to 15th Dist fwding credit cards. 6/3 W.
627168	5/26	15th Dist.	"was invoice cov radio telephone- ask what allotment chargeable to. W. To 15 Dist- gives inform 6/21
628940	5/20	15th Dist T	Request auth to transfer charges against certain projects in order to balance same W To 15 Dist (T) approved 6/21

Number.	Date.	From or To--	Subject.
628973	6/20	15th Dist T	request auth to obligate money allotted for installation of transmitting set W
631052	6/23	15th Dist.	Request 5 12/ spark gap to replace one loaned ~~12/12/1917~~ W. To SAA Request shipment of spark gap from Brook to SO Balboa 7/13 RB 9/18 W
631348	6/30	15th Dist.	Quarterly inspection report. W. To Balboa-Data reqts 7/12 W
631799	7/1	15th Dist.	Quarterly inspection report LaPalma-W.
631801	7/1	15th Dist.	Quarterly inspection report, Puerto Obaldio.W
631800	7/1	15th Dist.	Quarterly inspection report Cape Malo. W.

DATE 12/10/31

1922

Number.	Date.	From or To—	Subject.
620592	4/21	Y&D	Copy of letter to 15th Dist. directing get in touch with Governor of Panama Canal rel to construction of quarters. W.
621303	5/4	To S&A 198	Reqt. shipment of mat from Washn to Balboa W RB 9/25/22. W.
621968	5/5	Y&D	Copy of telegram to 15th Dist directing expedite all projects chargeable to Engineering 1922. W/
622542	5/9	15th Dist. (T)	Request immediate shipt of RB receiving set W. 15th Dist- (T) Gives dimensions of wire which will be used 5/11 W. To 15 Dist (T) per status of shipment 5/10 to Balboa- rqn shld be submitted 5/17
622543	5/9	15th Dist. (T)	Request authority to use savings from other projects for painting of towers at Colon. W To Y&S & Docks appvd 5/13

BALBOA RADIO STATION

1922

Number.	Date.	From or To—	Subject.
✓ 623102	5/10	15th Dist. (T)	Ask if Bureau will furn charging panel- Panama Canal could manufacture. W To 15 Dist Balboa (T) Request inform 5/13
✓ 623324	5/13	15th Dist. (T)	Lists equipt read for TD tube transmitter- ask when remainder will be furn. W Fwds Invt Lat G. cc 15 Dist 5/17 W Fwds 15 Dist 6/1 RB 7/18/22.W RB 5/27 W
624158	5/9	15th Dist.	Subm status of special projects. W.
624161	5/18	15th Dist Copy	Request more power be used when sending press. W
✓ 625215	5/17	15th Dist.	Report cov instln of 8 KW battery charging set at Balboa instead of Colon. W. To 15 Dist (T) instln appvd 5/25

BALBOA STATION RADIO

1922

Number.	Date.	From or To	Subject.
605872	1/12	Balboa	Status of special products. W. To 15th Dis-shipments delayed-Bu cancels project 3-203-4-22-2;21-W 15th Dist- Ask date of ship of motor generator. 3/16
606260	1/14	15th Dist.	Subm report on over expenditures on building boat houses at La Palma and Cape Sable To 15 Dist Dist 1/26 Y&D- Copy action to 15th Dist. 7/7 W
608703	2/8	Y&D	Copy of letter to Balboa stating approved allotment card will be funded Gov savings under allotments. W
610051	2/14	15th Dist.	Report on work performed and status of special projects. W To S&A-reqt delivery be effected-3;2- W R
614624	3/6 3/11	Balboa 15th Dist	Report on status of special project authorized

BALBOA STATION RADIO

1922

Number.	Date.	From or To—	Subject.
615876	4/1	To 15 Dist via Yds & Docks	Double married quarters and addition to barracks Allocation made YAD- by action to Panama Canal 4/6 7. YAD- by action to 15 Dist 4/6 7. YAD- by action to 15 Dist 4/6 7. YAD- by action to 15 Dist 4/6 7.
✓ 617137	3/27 3/27	Balboa 15th Dist.	Request auth to expend sufficient money from maintenance allotment of various radio stations to repair wooden towers at Puerto Rico. To 15 Dist confirms Action of Comdt 4/6
618556	3/31 4/6	Balboa 15th Dist	Quarterly inspection report, 7. To 15 Dist- Gives status of shipment 4/20
618558	4/6	15th Dist.	Quarterly inspection report, Balboa Sta. 7. To S&A-19 Gives shipping instructions 15 S&A-Report from various yards on shipment of material. 5/4 W.(3)
619517	4/10	15th Dist.	Report on status of special projects authorized at various radio stations. 1.

BALBOA RADIO STATION

1921

Number.	Date.	From or To—	Subject.
596334	11/10	15th Dist.	Report of work performed and status of special projects for fiscal year 1922 in 15th Dist. To 15 Dist via S&A Ask disposition made of set 12/1 22 7/15/22 W Fwds 15 Dist 3/17 HB 4/29 W. Fwds S&A cc 15 Dist 5/4
596396	11/19	To 15 Dist	Loop for use with Model "RE" long wave receiving equipments— Fwds Plan W Balboa— Post money be made available for instn of new Pook. 12/15 To 15 Dist gives Action 12/20 15th Dist. 1/12 W.
Cavite Eng 54/22	12/15	And Yds & Locks	Living Quarters— Naval Radio Station Loc Panos W R
601858	12/13	Canal Zone	Quarterly inspection report, Cape Malo. W.
601966	12/15	15th Dist.	Balboa Sta— quarterly inspection report. W.
601968	12/15	15th Dist.	LaPalma Station— quarterly inspection report W

BALBOA STATION

Number.	Date.	From or To--	Subject.
601967	12/15	15th Dist	Tele. Malo- Quarterly inspection report. To 15 Dist- Gives info. 1/5/22
603452	12/28	Balboa	request 1000 pads of standard message form for radio telegraph be. turn. 12/30
595687	PRO. 24RD 24		Fairbanks Morse & Co.- Request shipt of armature. 1/13 to 15 Dist. Action taken cc 15 Dist- 1/14 15 Dist. 1/24 RB 2/1 W 15 Dist 3/14 S.A. - Copy shipt order cov. generator armature from Ham. Rds. to 15th Dist. 3/25 S.A. - Copy shipt order cov. generator armature from 15th Dist. to Ham. Rds. 3/25

Number.	Date.	From or To--	Subject.
✓ 579977	8/1	15th Dist.	Recommends radio inspectors be transferred to some other yard and be replaced by radio gunners. To Comdt 15th Dist. 8/13 Red Navigation 8-24
580836	8/3	15th Dist.	Request of request for motor generator wires, be furnished.
581127	8/6	15th Dist.	Revs request of civilian radio inspectors for living quarters. To Comdt 15th Dist- 8-25
✓ 582473	8/9 8/25	Balboa DN.C	Gives reasons why passenger auto should be retained in service. W. Fwd Asst Sec via Y&D- 8-27 RB 9/6 W Fwd Lett 8/13 Y&D-Copy action to 15th Dist. 9/24 W
9 585077	9/19	To S&A 8794	Reqt shipment of ext from Phila to Balboa W To S&A Reqt shipment of Lat from Wash to Balboa 8/25 9/20 To Phila Reqt 4 form rel. w. plate date 9/23 To S&A Reqt shipment of batteries from Wash to Balboa 8/31 9/26 Phila- 3 amplifiers shipt to Canal Zone. 10/25 W.
571574	9/17	15th Naval Dist	Recommends spare antenna be provided for Marian & Balboa also adequate water supply for Cape Mala W 604-22

N. Eng. 194
BALBOA RADIO STATION

1921

Number.	Date.	From or To--	Subject.
586192	9/30	ACCS	Copy letter to 15th Dist in conn with excellent working of the Washington-Balboa circuit. W.
586246	10/1	15th Dist. (T)	Request allotment of \$730 cov pay of radio inspectors for 2nd quarter 1922. To 15 Dist (T) Allotment made 10/3
589473	9/16	Lt. Cdr. J. L. Kauffman, Canal Zone.	Request assistance in keeping car for transportation purposes- request auth to use money saved on preservation of buildings. W.
589705	9/30	15th Dist. S&A Circ- rust all shints for stat of special projects authorized for fiscal stations in 15th dist be considered to year 1922. supply officer, 15th Dist. 11/23 W	Subm report of work performed and status To S&A- Gives inform rel shipments of mat 11/19 To 15 Dist- shipment of insulators authd 11/23
589703	9/30	15th Dist.	Quarterly inspection report Cape Malo Sta. W.
589675	9/30	15th Dist.	Quarterly inspection report, Balboa Sta. W.
595687	11/7	15th Dist.	Request auth to settle bill of Panama Canal cov repairs to Armature of 10 KW generator. To 15 Dist- Payment to Panama Canal appvd 11/17 To Fairbanks Morse Co- Request inform cc 15 Dist 11/17 Fairbanks Morse Co.- Ask serial numbers of machines 11/18 To Fairbanks Morse & Co- Gives inform 11/26 Fairbanks Morse & Co- 12-12/29 W
CARD 25			

Number.	Date.	From or To—	Subject.
556624		FROM CARD 22	15th Dist. Rest detail of radio repair men to 15th Dist. 5/9 To Comdt 15th Dist 5-28 copy Commun fwd Nav via Oprns 6-2
556247	5/17	15th Dist.	Construction of boat house at Cape Malo and Lake Palma radio station- fwrds prints with estimates on. W.
556 29	5/21	Balboa	Pay of all cooks discontinued since 5/1/21. W
556788	6-7	To S&A	Recd shipment of rec set from Washington to Balboa W 7671
559984	6-17	To Comdt M. Island	Permission granted to visit station- see 270

N. Eng. 184
BALBOA

1921

Number.	Date.	From or To—	Subject.
572261	6/20	Balboa	Calls attn to unsatisf quarters for Civilian radio inspector. To Comdt 15th Dist. 7/5 15th Dist. Report on quarters available. 7/22 W To 15th Dist. Cannot furnish quarters. 8/9W
573191	6/21	15th Dist.	Submits proposition made by J. Gilbert To Comdt 15th Dist. - reqst supplementary recs at later date. W 7/12
574765	7/2	Balboa	Issue of linen to barracks and married quarters-ask if will authorize. W To Comdt 15th Dist 7/23
573341	7 13	Fwd Bal via Commn	Title to stations at La Palma and Puerto Obaldia. W Gives recs. JAG- copy letter to State Dept rel to title. and 15 Dist 12/23 AB 5/25/22. -7.
575932	6/20	Balboa	Request monthly report to be furnished
577457	7/16	15th Dist.	Quarterly inspection report Cape Malo Sta. W.
577459	7/16	15th Dist.	Quarterly inspection report, Balboa Sta. W. To Comdt 15th Dist 7/30
579880	8/1	15th Dist	Request disposition of 2 1/2 KW telegraph spark gap. W. To Comdt 15th Dist. 8/16

BALBOA

1921

Number.	Date.	From or To—	Subject.
548887	2/18	15th dist.	Quarterly inspection report. W.
549489	2/19 2/21	Coco Solo 15th Dist.	Quarterly inspection report. W.
551635	2/23 15th Dist.	15th Dist. Copy 5/27	Refrigerators at radio station not operating due to lack of sulphur dioxide. WH. To 15 Dist Fwds 3 copies of bulletin 3/26 To Communications Gives inform re shipment 4/15 Combination of offices of Dist Supt 914 and Dist radio material officer- suggestions and recommendations cov. W.
552374	3/4 3/19	Balboa Communications	
553553	3/25	15th Dist. Copy	Request authority to divide antenna will not interfere with District work. W To 15 Dist (T) 3/26 15th Dist- Copy- Small antenna used only for receiving. 3/31 W. To 15 Dist (T) App'd 4/2
554			
556624	3/22	Coco Solo	Adjustment of yearly maintenance allowance
TO CARD	3/29	15th Dist.	at LaPalma. Subm estimates. W.
23 15th Dist		Dist- Subm statement of acct. 5/20 W.	To 15 Dist 5/4 W
556623	3/16 3/29	Coco Solo 15th Dist.	Adjustment of yearly maintenance allowance at Balboa, Darien Sta. W.
556622	3/23 3/29	Coco Solo 15th Dist.	Adjustment of yearly maintenance allowance at Cape Malo Station W
556621	3/23 3/29	Coco Solo 15th Dist.	Adjustment of yearly maintenance allowance at Puerto O' Baldio. W.

BALBOA

1921

Number.	Date.	From or To	Subject.
557886	4/18	To 15 Dist	Long Wave Receiver- Complete receiver to be ready for shipment about latter part of May from Washn yard co Dir Comm-Washn W
557522	4/18	To Dist Comm Balboa	Commendation for Excellent communication service performed co Dir Comm W
559496	4/13	15th Dist.	Cape Male- quarterly inspection report. W
560335	4:15 4:18	Coco Solo 15th Dis	Submits estimate covering revision of annual maintainence allowance for Puerto Obaldia. W
560333	4:15 4:19	Coco Solo 15th Dis	Submits estimates covering revision of annual maintainence allowance for Cape Malta. W
560332	4:15 4:19	Coco Solo 15th Dis	Submits estimates covering revision of annual maintainence allowance for Balboa and Darien. W
560334	4:15	Coc1 Solo	Submits estimates covering revision of annual maintainence allowance for La Palma. W
562164	4/25	15th Dist.	Quarterly inspection report, Balboa Sta. W.

ALFA

1970

Number.	Date.	From or To—	Subject.
524784	10-25	To 7A	15 Dist 4923 W.
524797	10-25	To 15 Dist	Recomd in com. with Dist comm. agts. Quarterly inspection report of W.
		15th Dist. Subm inform rel to	To Comdt 15th Dist. Request info 2-7-1
		be assigned to stations in 15th	15th Dist. Request action rel to constr of
		15th Dist. Subm inform rel to	boat house. 3/2 W.
		15th Dist. Subm inform rel to	To 15 Dist Request inform re Motor Sailer cc&R w/6
		15th Dist. Subm inform rel to	15th Dist. 6/11 W.
525880	10-19	15th Dist	Quarterly inspection report; W
527312	10/22	Balboa	Request 2 KW transmitting set be furn to replace one installed.
			To Comdt 15th Dist 11-19 W.
527314	10/20	15th Dist.	15th Dist. Rvds copy of survey 1/20 cov. radio switch board and transmitter panel. 4/30 W
			Quarterly inspection report. W.
529506	11/4	15th dist.	Quarterly inspection report. W.

BALBOA

1920

11

Number.	Date.	From or To--	Subject.
530401	11-23	To S&A	Re: st shipment of devices from Puget Sound to Balboa W
533120	11/17 12/8	Coco Solo Communications	Report on communications recd from Port Lyman Sta during flight. W
534230	12/10	15th Dist. C py	Report covering damage to cells due to excessive heat. W. To Comdt 15th Dist 12-17
534228	12/24 12/8	Balboa 15th Dist. 7-12-1	Electric hand type writers in use be replaced by heavy telegraph type. W. cross To Comdt 15th Dist 1-8-21
534235	11/24 12/3	Balboa 15th Dist.	Request gasoline driven lawn mower be furn. W To 15th Dist. 12/15
537659	12/26	15th Dist.	Submit report for battery spares for Cape Balb. Sta. W.
512391	FROM CARD 20		Balboa 1/15 W. 15th Dist. 3/1 W. 15th Dist. 3/11 W. 15th Dist. 3/11 W. condition also fwd prints of Corundum flats. W

BALBOA

Number.	Date.	From or To -	Subject.
503865	7/3	Y-P	Copy of endorsement to 3d Dist finding requisition cov furniture: ask if available. W
504759	7/8	~~Y-P~~	Letter from Civil Service commission authorizing term of 1st Dist. 635-27 radio operators of 1st Dist. 1st Dist. 635-27 pending certifications of eligibles. W.
505673	6:30 7:16	Balboa Comm	Quarterly inspection report Cape Male W To Balboa. comm ts 7/19 RB 8/19 W. And Comm 7/19 To Comdt 15th Dist. 9/10/20
505674	6:30 7:16	Balboa Comm	Quarterly inspection report Balboa station. f.m. Com 7/23
505833	7-2 7-7	Coco Solo Sub Base 15th Dist	Quarterly inspection report; W
506683	7/10	15th Dist.	Quarterly inspection report. W.
507458	7/16	15th Dist.	Request authority covering deer well for Cape Male station. To Comdt 15th Dist: water supply Cap Male 8/17 15th Dist. 1/25 To Comdt 15th Dist 2-19-21

Number.	Date.	From or To—	Subject.
508343	8/29	Balboa Copy	Report on receiving signals from Bayville. W
508581	7/29	XA	Order governing operations of station. W
510297	7:27	Coco Solo exp	CAPE MALA outlines work. W To Comdt 15th Dist via Y&D—outline of work stations Balboa and Cape Mala. 8/12
520600	10/4	To S&A	Report shipment of radio appr., from Washn to Coco Solo. W Canc of 1/4/2 Canc of report 1-5 5776
520654	9/17 9/30	Balboa Communications	Qualities of various stations at Balboa Station. List covering. W.
512391	10-20	To Comdt 15th Dist	Radio comm facilities within 15th Dist. W
512391	11/15	Subm progress report. to W	Coco Solo Commun
512391	11/15	15th Dist. 12/1	15th Dist. Progress report on experiments. 11/5 W
512391	11/15	15th Dist. 12/1	To H was ce of let 11/30/ It first let 11/5 11-34
525084	10/12	15th Dist. Balboa 12/31	Quarterly inspection report. W.

BALBOA

Number.	Date.	From or To—	Subject.	
487169	FROM CARD 18		New Crim. Sub report on test with print. 4/28 W Communications 4/29 W. Fwd Communications 5/5	
491253	4/15	Coco Solo	Quarterly inspection report, Puerto O'Beidio. radio station.	W.
491252	4/8	Coco Solo	Quarterly inspection report, La Palma radio station.	W.
491251	4/8 4/20	Coco Solo 15th Dist	Quarterly inspection report, Cape Malo. radio station To 15th Dist- Contract awarded for porcelain strain insulators not practical to turn horse to the Mala. 5/5	W.
491249	4/15 4/20	Coco Solo 15th Dist	Quarterly inspection report, Balboa Sta.	W
497326	6/2	Balboa	copy Are maintaining continuation arc watch on 4000 meters	W.

Number.	Date.	From or To—	Subject.
✓ 543433	FROM CARD 14		Rwd. S&A 5/20 comments W To S&A 10/14 RB 12/4 W S&A - Copy of act. on 15th Dist, 10/19 W N.Y. - Material script 10/15, 12/19/18 W
498494	6-11	To S&A	Recd. shipmt from Washn. to Balboa radio appr W RB 8-9
✓ 501590	6/1	Balboa	Believe keys installed at present will last for long time, with proper care. W.
✓ 502557	6/24	Jare Island	Was copy of report of work accomplished at Jar - 1890. W.
✓ 503239	7-6	To Cmdr 15th Dist	Assignment of civilian radio inspectors to radio material organization 15th Dist - Asks if have available men for temporary appointment W 15th - 1st 7/6 RB 8/8 W

BALBOA

Number.	Date.	From or To—	Subject.	
458618	FROM CARD #17.		War Department- Subm report, 11/4 To Secty War- Outlines procedure which will be satisfactory to Navy Dept. asks opinion if satis to War Dept 11/20 War Dept-recommendations covering changing existing agreement. Fwd Cdt 15th Dist 1/28 RB 2/24	
39801	11/20	To Balboa	Request payment of bills. if in order for same; rqt expedite. K	529
473226	1:12 1:31	15th Dis Comm	Quarterly inspection report Cape Mala station To Fairbanks Morse Co. Rqst booklets 2/4 fwd Com 2/4 copy Cdt 15th Dist	
473227	1:12 1:31	15th Dis Comm	Quarterly inspection report Balboa station. Filed Communications 2/3	
473189	1:15	15th Dis	Quarterly inspection report Cape Mala. To Cdt 15th Dist 2/21 RB 4/2. W.	
473187	1:12 1:15	Coco Sola Sub Base 15th Dis	Quarterly inspection report Balboa station.W To Cdt Balboa 2/13	

BALBOA

Number.	Date.	From or To—	Subject.	
44346	4-12	To Comdt Balboa	Fwd report of results obtained from tone traps Bar Harbor. Request further tests.	920-2
486517	4-13	To Balboa (T)	Advise method used for reception— Notes conditions satisfactory at while N. Orlns and was unable clear Balboa W Balboa- (T)- Report on reception, using counter noise. 4/13 W. 15th Dist- Report on experiments. 4/19 W.	
487169	4-14	To N. Orlns. (T)	Make install— expend \$50 authorized.	W
TO CARD 19	4-17	personnel on facilities 4-21 cc DCS 15th IM NO DCS 8th New Orlns- Fwd copy of correspondence Fwd Cat 15th 4-23 cc Com IM N.O. DCS 8th Bar Harbor RB 6/2 W	Post now indicate unable to receive any Balboa traffic acct static— New Orln - (T)- Test probably complete 4/26. 4/17 W. Communications 4/19 W. To Comm. comments on improvement in N. Orln's RB 5/3 W receiving Balboa traffic as regards M. T. I or condition of radio towers at Balboa. Liquidated damages for \$50 will be added to original allotment.	AK
487471	4/14	YAD		
489873	4/9 4/14	15th Dist Communications	Quarterly inspection report W. Fwd Com 4/27	
489870	4/9 4/14	15th Dist Communications	Quarterly inspection report W. Fwd Com 4/27	

4-3381

850

Number.	Date.	From or To	Subject.
440155	8/15	Dept	Fwds copy of tel from 15th Dist in regards to allotment of cooks at various radio stations. Gross Fwd Secty 8/21
441406	8/12 129: 10:22	Coco Solo To Fairbanks Morse & Co-Adv Will consider bid in con with req	Subm request for water supply pump, radio station, Cape Mala. W. To Fairbanks Morse & Co- Rqsts be advised if you have suitable unit available for shipment with cost and supply of spare parts considered necessary. 8/27 Fairbanks Morse & Co 9-19 Quotes prices. Fairbanks Morse Co. 10/17.
441407	8/12	Coco Solo	Subm request for personnel, during constr of radio station, Puerto Obaloia. W. Fwd Navigation via Comm. 8-27
443628	8/28 9/4	Off	Assign motor sailing launch 8190 radio 611-2 sta 2, 3 Mala, Puerto Obaloia. W.
455866	10:18 11:4	14th Dist Com	Quarterly inspection report. W Fwd Command 11/7

BALBOA:

Number.	Date.	From or To—	Subject.	
416673	5:7	Balboa	Spares listed not received, reqst piston Balboa-Sub list of spares requiring be expedited. Fairbanks Morse Co- Rws invoice 5:9 To F. M. Co- Tel 5-9 To Balboa Tel 5-10 Fairbanks Morse Co 5:20 To Fairbanks M Co- req issued coverg proprietary award to Co for material 5-24 Canal Zone 5:20	W
418671	5:15	Balboa	Reqst authority to expend \$200 for painting and screening officers quarters.	W
418548	5-15	Balboa (T)	Reqst auth to expend \$200. for painting and re-screening quarters of officer in charge	W
422951	6:3	Balboa	Reqst increase in annual allowance. Tel	W
424005	5:21 5:30	15th Dist Balboa	Rws progress report on construction of La Palma radio station. New York - Status of shipmt. 12/15 New York - Status of shipmt. 12/17 Fwd 15th Dist- via F.S.E. and S&A. 12-19	W
			15th Naval Dist 9:18 Fwd Fleet Base 10/5 To N.Y.- reqst report showing shipmt 12/1 NY - submits report covering material - 12/9	

Number.	Date.	From or To—	Subject.	
423612	6/4	NY	Annual allowance for Colon, Darien, Balboa, Coco Solo, request report of, and to be fwd to radio material officer 3rd Dist. To NY—fwd copies of corresp 6/7	914
129 ✓426249	6-19	To 15th Dist	To 15th Dist from Balboa one 1 MW wave radio receiver To Coast 15th Dist—Expenditure of 275.00 authorized 6/23 To S&A. 2/9	
✓ 431706	6:27 6:30	Coco Solo 15th Dist	Sub report on completion of radio station at La Palma.	W
✓ 436031	7:16	Coco Solo	Request oil pump in trans fuel oil from drum to reservoir be furnished—Mala, La Palma, Puerto, Albañia to be purchased from Fairbanks Morse Co. fwd 15th Dist 8/1 RB 9:2	
436543	7:16 7:31	15th Dist Com	Quarterly inspec report Balboa Station. To 15th Dist—repairs auth cost of 60.00	W 8/4
436393	7/25	C&R	24" motor sailing launch 6505 assigned to Balboa Radio Sta. for repair; 1.	31-2

Index:

Number.	Date.	From or To--	Subject.
✓ 386643	11:6	Panama Canal	six boxes of material received from Canal Zone to be used for maintenance in Balboa. Before letter from Panama C. Z. Dept. 11/8/43 and their concurrence 11/15 To--- Letter ref. to SAA L/4
370947	11:21	Balboa	Ref aut oril. to extend \$121. for repairs to Balboa. (T), repairs building Balboa authorized, 11-22
7 386112	1:7	15th Dist	Inspection report. W To 15th Dist- author removal of wire fence at Balboa, cost 150.00, addtl sum of 275.00 author for purchase of constructing overhang of windows- protect n from sun- 1-25
386824	1/7	Balboa	Req \$1,032.88 allotted in addition to \$800 previous sys authorized cov install of West Elec intr-phone system W
396383	2:15	To Dept	Back 2:19

806

BALBOA

Number.	Date.	From or To—	Subject.	
397335	2-25	To S&A	Re pt shipment from Wash to Cmdr Balboa radio material for one short wave receiver Received back 4:14 To 15th Dist- asks acknow receipt 4-14 RB 5:17	
401435	3:11	Balboa Tel	Req immediate ship of meters for use of radio material office. To Dist Comn Supt. 3-15	W
405714	3:26	BALBOA Tel	Req authority to expend \$125.00 for wiring and installing switchboard. To Balboa Tel 3-27	W
410753	4:3	15th Dist	Cost of switchboard mfg Elec Div Panama Canal for BALBOA & 10N. report covering. To 15th Dist- allotment 140.72- 4-15	W
411064	4:2 4:14	15th Dist COM	Quarterly inspection report of BALBOA to 15th Naval Dist- Recs in con with quarterly inspec. 4-26 W	W
413996	4:29	To S&A	Reqst ship from Wash to Balboa of radio material.	W

B. LBO.:

Number.	Date.	From or To—	Subject.
33228	None	Balboa	Sub log report. W
333142	9:1	Balboa	Rept. of arrival of requisition for order to make July disbursements. W
334346	8:6	Balboa	2L: Re st. Filmont Marsh Co complete equip for cell. W DGS-Tel. Aug equip not received urgently to Balboa (T) shipts unavoidably delayed 10-10 wards the print plans of wooden casts W
334583	7:26	15th Dist	
343433 OVER	9/3	To S&A Repts. shipt. of rad. apparatus from NY to 15th Dist. for rad. sta. W	
345675	9/10	To S&A Repts. shipt. of radio material from NY to 15th Dist. for rad. stations. W	
346473	9/10	To S&A Repts. shipt. of radio material from Boston to 15th Dist. for rad. sta. W	

BALBOA:

Number.	Date.	From or To--	Subject.
347224	9/11	Balboa	Req authority to use \$150 from Colons allotment to repair fence. W To-- (1) Repair fence authorized. 9/12
347177	/15	To SAA	Re: Ship to NY to 3 boxes CZ status 7-5-3
343386	9/16	To SAA	Re: Ship. of rad. apparatus from NY to Balboa W To SAA re radio apparatus ship to Cape Mala 11-14
343433	SEE OTHER SIDE		To NY- Conf phon. of Oct 14th- re: radio printed on shipmt re: be exported W New York - 11:15
TO CARD 19	12/11	To SO NY- Matri canceled- 2/14 15th Dist. sk when material was shipt. 12/11 Fwd Balboa via S&A and S.O.Ny. 1-3 15th Dist. RE 3/24	To NY- Regt. that SO be informed from whom radio storage batteries purchased and that spares be purchased 11-20
361109	10/5	15th Dist.	Fleet Sup Base-Req nec infor be furnished. 1;24. 15/17 W Location of Balboa and Lausca radio Station
363243	10/4	15th Dist.	Quarterly report of Balboa Radio Station. NW. To 15th Dist- Req re above 10-30
365005	1-4 fwd S&A	7/9	Re: Ship to NY to 3 boxes CZ status 7-5-3

BALBOA.

Number.	Date.	From or To--	Subject.
259900	11/10	Fwd Y&D	Darien. Traveling crane. Re transfer of to Cocosola submarine base. W
✓255471	12-11	Darien T	Request authority to paint outside quarters; submits estimate. W To Grants auth (T) 12/12
278559	1/24	Balboa	Recommends that oil engine now at sea be turned in to store - W To Grants auth to turn in. 2/5 Balboa-3/1
279022	2-1	Communications	Fwds quarterly report of inspection. W
279967	1/31	Canal Zone	High powered station-has taken photograph. W
288587	2/26	Balboa	Distant control--fwds estimate of work necessary for grading, etc. W Balboa-radio--reqt. action. 3/15 To Darien--(T) Appvs expenditures. 3/15
288500	3/15	To NY VOID.	
298078	3/28	Canal Zone	Quarterly inspection. W To Directs submit tentative plans. 4/18 Fwds plans of contract covering addition to operator's barracks and in connection with laborers quarters. W 5-10 To (1) Canal Zone--submit estimate Balboa--submit estimate cover up. 5/21 To Balboa. improves above. W 6/14

BALBOA

850

Number.	Date.	From or To—	Subject.
301387	4-28	TO S&A	Rest shipment form NY to Punta Mala Balboa for Punta Mala- radio apparatus-W To NY if shipt. has not been made rec'd. to hold until notificat. of this B. 7/2
308168	5:18	Balboa	Reqs reply to letter of 4:3. urgent need for. Submits annual requisition. W To (C) Chief of Base- also additional allotment
317533	6:17	Naval Communication	Fwds copy order #2869 transferring portion of naval radio at Balboa to war dept. W Fwd. Balboa 7/2 received back 7:24
324760	7/12	To S&A	Retrs. shipt. radio apparatus to & for Com. Off. Balboa. from NY To (C) Chief of Base- also colored copy To (C) Chief of Base- 8/13 Reqs that shipt orders of radio material as listed be expedited 10-25
325700	7:4	15th Dist	Fwds quarterly report of inspection of Balboa station. W
328412	7:19	Naval Com	Fwds report.

BALBOA.

Number.	Date.	From or To--	Subject.	
219529	3/16	Colon	Reports return of kerosene engine; have installed as auxiliary for 5 kv set; submits estimate; are shipping old K&W engine to Balboa shops	808
222056	3-2	Canal Zone	Quarterly inspection.	
216284	JUN CARD 11		To S&A--Re t ship of spark cap ex NEWASKA from NY to Darien. 5/7	
227125	5/8	Darien T	Request allotment be increased to \$5,000 for maintenance.K&W	
V 227175	4-27	Darien	Balboa fws inventory.W	
230166	5-15	Darien	Fws requisition for the Darien, Colon and Balboa covering supplies,uptakes yearly allowances etc for year 1917 and 1918	808
233568	6/1	Darien	Outline of radio work, 1918-19.W	
236488	6/21	Darien	Telephone rental for Balboa station; states unable to find authority; request instructions .W	
To War 7/25			TO S&A--(see 217) Re t arrange to install telephone in Balboa zone for use telephone and telegraph service. 7/10	
War Dept 8/21				
Fwd Nav Com--8/27 RB 9/1				
To War 10/1--Sec Sig--9/10				

BALBOA. 850

Number.	Date.	From or To--	Subject.	
✓ 237923	6/27	Darien	Quarterly report of inspection.W	
240300	7-5	Pa: Fleet	Recommend that materials listed be kept at Balboa in connection with Dept's action to make that place a temporary place for armored cruisers.	494
242163	7/24	Balboa	Request shipment of quenched spark gap ex NEBRASKA be expedited.W To CCA. Dept expedite shipt. 8/8 SEA 8/22	
✓ 245916	8/25	Darien copy	States shipped spark set and will begin operating Darien spark from Balboa and construction of buildings Aug 28th.W To--(T) Gives action on. 8/27 Fwd Y&D--8/29 RB 9/1	
249821	9/7	Darien	Request be informed ownership of certain land, in connection with regrading, draining, etc.W To Sol--Submits description of land, and reqts takes action to relinquish claim-10/29 To S ol--1/7	
		Solicitor have taken up with War Dept 1-29 To Balboa--2/8		
193164		CARD 10	Darien fws copy of action taken 10/4	
✓ 254460	1 0/4	Darien	District control, Canal Zone district; travelling crane, disposition of; from Balboa.W Fwd Y&D--10/29--RB--11/24.	

BALBOA

Number.	Date.	From or To—	Subject.
198174	8-21	Balboa	Proposed reduction in area; fwds map. W Fwd Dept— 9/8
198175	8-21	Balboa	Recommends retaining 2 and 5 kw transmitting sets. W To—Appvs: 9/9
199409	9-15	To Darien.	Asks disposition of Diehl induction motor. W Balboa lists motors at station; have no record of 10HP Diehl 9/30
	9-23	To Darien Via S&A.	Balboa Reqn #7; recd shipment of certain items on reqn from NY and wash to Darien. W-R
201422	10/9	To S&A	Rept shipt of one audion detector, filter type to Balboa. W
✓ 202271	9-26	Darien	Quarterly inspection. W Fwd Bd I&S—10/18 ✓ To F. Lowenstein—Quotes report of Ask to improve transformers, so will last longer. 10/30
205694	11-27	F. Lowenstein	Recommends 5 kw secondary be fitted with creepage washers. W To Darien—Fwds copy of above letter also sketch. 12/1
209231	12-11	War Dept Colon	& Balboa; Darien; fwds illls for work done 808

BALBOA. 859

Number.	Date.	From or To—	Subject.	
210368	1/3	Director Nav Communications	Quarterly report.W	
210375	1-3	Darien R	To Darien--Req est for painting masts. Ground improvement stoped; asks if can use combined allotment at Balboa.	1/10 808
210631	12-26	Dist Supt	Quarterly inspection.W	
210971	1-9	Balboa T	Request authority to proceed work painting towers.W —To Darien—(T) Work auth. 1/11	
211804	1-9	Darien	Delay in delivery of stores for.W Fwd S&A--1/18 pp 2-2 Fwd Darien--2/3 13 1-23	
Surv I	1/25	To Darien	Loss of book from library. Bu directs suitable provision be made for account for all property of station. WY	
215623	2-15	War Dept	Exide bills for work done at and Balboa and Darien.	808
216284	3/1	To Y--1115	NY has one 5 Kw Marconi set 4/26 Re t shirt of 125 W. 121 further quenched blame for fire to Darien for. W CARD 12	
217196	2-26 2-27	Panama Canal alboa	spark gap shipped from Balboa and assigned Balboa 1/2 Fwas print showing proposed lay out of street lighting system, estimate for radio reserv. on share of.W	
215910	3/20	To Darien	To Darien--Di appvs. lack of funds. 3/20 RSC 25-A and Bu rec'd 13. Req further information. W 24 1-13	

BALBOA:

Number.	Date.	From or To—	Subject.	
170359	10-25	Balboa	Report of expenditures, quarterly.W	
172583	11/26	S&A	Panama Canal bills	808
172733	11/19	War Dept	Fwds bills	808
175625	12-20	Balboa	Quarterly inspection. W.	
177664	1-31	To Darien.	Two 1-P-76 radio receivers; asks disposal of. W Replies 2-9 To S&A--Reqt for shipment to Wash. 2/21	
177672	1/18	Panama Canal	Statement of expenditures	808
177954	1-25	Balboa	States money allowance not sufficient to pay for elec current.W. Fwd S&A--2/8	
164153			Report on unsatisfactory operation of Union Gas Engine at Darien; engine satisfactory, not suitable for work; recommendations for disposal involving changes in power supply at Colon and Balboa	851 808
179239	2-16	To NY.	Gives action on NY NSA req 1185 for radio apparatus. W To S&A--Reqt shipment spark gap from NY to Darien or Balboa. 2/16	
179655	2/10	Y&D	Cost of radio installation	808
183046	3/28	S&A	Fwds Canal bills	808

BALBOA: 850

Number.	Date.	From or To—	Subject.	
184165	4-7	At Coast Supt	Quarterly report of inspection.	
185006	4-17	At Coast Supt	Corrected inventory; fwds. W	
174957	2/9	Balboa	Outline of radio work, 1917-18; items that will require expenditures of over \$500	604
187158	5-8	To Darien(R)	Not desired commence distant control station until status more definitely settled; street lighting Balboa disappvd.W	
188162	5-10	Balboa	Request special order be made for secondary coils for Lowenstein transmitter. W Fwd NY—Purchase of coils auth. 5/19 RB 5/29 Reqt for action (R) 7/18 To NY— 7/20	
189106	5/17	Canal Zone	Fwds reqn for services of laborers, etc., fiscal year	808
190336	5/25	War Dept	Panama Canal Bills; fwds for settlement	808
193164	6-26	Canal Zone	Inspection report. W To—Comments on. 7/17 To Darien—Ask action taken. 9/24	CARD 12
196264	8/5	Balboa	Corrected inventory for quarter ending June 30th. W	

BALBOA:

1915

Number.	Date.	From or To—	Subject.	
✓ 155791	5-12	Crenshaw	& DARLEN; fwds bills.W	
155860	5/25	Crenshaw T	Balboa's Insulators, pins and brackets not yet received	808
156124		War Dept.	Fwds. bills	851
156392	6/1	VOID		
156500	5/25	Crenshaw	Fwds Canal Bills	808
156437	6/1	Y&D	Towers; operating platform	808
157112	5-28	Crenshaw	Fwds bill for work Balboa.W	
157372	5-28	War Dept	Bills	808
158124	6-8	Crenshaw	Relative to aerial spreaders	808
158402	6-12	Crenshaw	Fwds. reqns. to cover services year 1916	808
158782	6-15	Crenshaw	Fwds bill. W	
158781	6/14	Crenshaw	Fwds bills	808
159039	6/14	War Dept	Fwds bills	808
✓ 159335	6-21	Crenshaw	Bills.	
159334	6/19	Crenshaw	Fwds bills	808
159517	7/2	Y&D	Copy of letter directing inc work on towers	808
159518	7/2	Y&D	Reqd additional allotments \$775 covering platforms and insulators	808

BALBOA. 850

Number.	Date.	From or To—	Subject.	
163192	8/1	Crenshaw	New steel towers; recommends employment of expert to make periodical inspection; recommends E. E. Seavy	808
163351	7/6	Crenshaw	Fwds canal bills	851
163372	8/6	Crenshaw	Fwds Canal bills	808
✓ 163930	8-15	Crenshaw	Transfer switch and antennae; fwds sketch.W	
164312	8-18	Crenshaw	Macadam road; cannot be constructed on monthly allotment; reqt special allotment \$650 W To -- disp 8-28	
164379	8/14	Crenshaw	Fwds Canal bills	851
164672	8-10	War Dept.	Fwds. bills	808
164649	8-10	War Dept.	Fwds. bills	808
165717	9-3	War Dept	Fwds bills	808
165992	?	War Dept	Fwds bills	808
166089	9-3 9-16	Crenshaw Supt Radio	Panama Elec Co. reqt right-of-way for elec lines thru station to Artillery base. Fwd Dept--Consider detrimental to efficiency of radio station. 9/18 Darlen--(R)--recommendations 10/20 Darlen fwds correes 10-20 Fwd Dept--Recommendations. 11/4 RE 11/6	
166758	9/24	NY	Reports apparent duplication in purchase of motor generators for; reqt instrns. W To--instructions. 10/1	
168157	10-15	Crenshaw	Perm. lighting. Canal Comm. desire to start and reqt. decision. To--(R)Disappvs owing lack of funds. 10/13	
169678	10/14	Crenshaw	Panama Canal bills for spark plugs, gaps	808

BALBOA:

Number.	Date.	From or To--	Subject.	
144172	12-17	Crenshaw	Reqt allotment \$19,000 for ground leveling and grading.W (Appd by Dept in 144171-808, Colon)	
145154	1-10	Crenshaw	Pnams Bill for water furnished.W. Fwd S&A-- Fwds appvd 1/23	
145284	1-12	Crenshaw	Quarterly report of inspection. W. Grading and leveling cannot be undertaken at present time owing to la k of funds. 2/1	
146691	2/5	S&A	Canal bills for work at	851
146905	2/2	Crenshaw	Fwds bills for	808
146906	2/2	Crenshaw	Fwds bills for elec current, lights, etc.	808
146998	2-2	Y&D	Water sterilizers: fwds reqn covering: recommends purchase. W. Held-- Reqn appvd 2/15	
147251	2/4	Inspector at Colon (Y&D)	Reports status of work Jan 31	808
149265	3-10	Crenshaw R	Reqt. authority to employ 2 helpers at 18¢ per hour To--(R) authorizes. 3/10 Crenshaw 3/16; reqt action.W	
149600	3/2	War Dept	Fwds Panama Bills for work done	808
149636	3/4	Crenshaw	Fwds Canal bills	808
150338	3/11	Y&D	Status of work up to Feb. 28th	808

BALBOA 850

Number.	Date.	From or To--	Subject.	
15 0976	3/20	Crenshaw	Fwds Canal Bills	808
151475	3/25	Crenshaw	Fwds bills	808
151867	3/23	War Dept	Fwds bills for work done	808
152365	4-6	Crenshaw	Abandoned building worth \$150 to Canal Com. S Fwd Dert--Rec transfer to Canal Com. 4/26 RB appd 5/3	
152393	4/15	Crenshaw	to transfer appvd 5/5 Reqt authority for Canal force to repair Lowenstein tube gap	808
152799	3/25	Crenshaw	Corrected bill for water.W	
152822	4/7	War Dept	Fwds bills	808
153041	4/10	Panama Canal	Estimate for installing lightning protection	808
153945	3/11	Panama Canal	Status of work at station	808
154054	4/28	War Dept	Fwds bills	808
Reqn 8	5-5	To Darlen.	Re material on requisitions. W-R	
154520	4-30	Crenshaw	Fwds copy of proposed street lighting system; recommends Navy cooperate.W	
154683	5-12	To Pitta.	Contract 22753: 2 double pole winches; asks status of shipment/ 5/12 RB 5/21 To Colon--(R) will be shipped from NY April 15th. 5/16	
155406	5/11	Crenshaw	Panama bills.	851

BALBOA:

1914

Number.	Date.	From or To—	Subject.	
133460	8-24	Crenshaw	Colon: lists expenditures and recommends that all previous authorizations be cancelled and lists submitted approved	808
134925	9-21	T. S&A	Req shipment of radio material from NY to Balboa.	
135162	9/15	Crenshaw	Fwds bills for work	808
135523	9/29	To NY	Submits plans and estimates for construction of antennae for radio stations at Colon and Balboa; gives instructions	808
136230	10/7	NY T	Proposed spreaders: monel metal requires 40 days; after award of contract; reqt telegraphic approval of	808
136310	10/7	NY	Antennae for radio sta; submits plans of proposed spreaders monel metal; only satis non-corrosive material	808
136608	10/10	Crenshaw	Fwds bills for lighting and wiring	808
136487	10/9	Y&D	Reports progress of work	851
136773	10-10	NY	Radio set: panel board for has been lined Elec Exposition; asks re holding up shipment until return of W Fwd NY--Set should be held. 10/14	
136775	10/12	Y&D	Req additional allotment	808

BALBOA: 850

Number.	Date.	From or To—	Subject.	
137150	10-9	Crenshaw	Report of inspection.W	
137157	10-9	Crenshaw	Fwds bill for elec lighting. W Fwd S&A-- Fwds appvd. 10/20	
137163	10/16	NY	Antennae wire for	808
137557	10-10	Crenshaw	Bill for supplies.W Fwd S&A-- Bill appvd. 10/23	
137757	10/16	Crenshaw	Fwds bills for repairs	808
137753	10/10	Crenshaw	Understand lightning switches will be shipped complete from NY; also recd details of grounding switch to be installed at Darien 851	
137992	10/26	S&A	Fwds invoices from Panama Canal; asks appro chargeable	808
139754	11/14	NY	& Colon: antennae wire: 10,000* shipped Aug 3rd; 25,000* Oct 3rd; asks if 17,000* requested Oct 22, is in addition to	808
139738	11/6	Williams	Fwds bills	808
142549	12-9	Balboa	Fwds bill for elec current.W Fwd S&A pd. 12/22	
142979	12-15	Crenshaw	Fwds bills	808
143999	12/30	Crenshaw	Bills for furniture	861
144000	12/31	Crenshaw	Canal bills	808

BALBOA.

1914

Number.	Date.	From or To—	Subject.	
127503	6/9	Crenshaw	Ground system; fws sketch showing proposed.	W
127520	6/4	Crenshaw	Machine lay-out; requests instructions. To---instructions and requirements; reget comment. 6/17. To NY. reget plans and esti- mates for secondary distribution board be prepared. 6/17. NY estimates 7-9 To NY. appd. 7/20.	
✓ 127911	6/19	Y&D 10730-66	Recommends construction of a concrete storehouse, cost \$2500. W Fwd Dept. rec approval 6/22 RB a 2. appd Ret---6/25.	
128125	6/16	Crenshaw	Fws bill for electric current.	808
128878	6-30	NY 3332-17	Distribution board; fws plan; reget confirmation understanding of connections. W Fwd Canal Zone. for comment and rec. 7/5.	rb 7 28
128670	6/30	To Y&D	Appropriations available for next fiscal year; work not to be discontinued on July 1st; request estimates to be charged a- gainst 1915 appr. "Engineering"	808
✓ 128966	7-2	Crenshaw R	& COLON: reget rush shipment of 1200' copper stripping for each station. W (H) to---approves use of 15 strand #10 bare copper wire for buses. 7/5.	
21050	7/2	Washn	Motor cycle delivery van for Colon and Balboa; reget instructions re shipment and inspection	629

BALBOA: 850

Number.	Date.	From or To—	Subject.	
129271	6-27	Grenshaw	Submits list of items and prices that can be supplied by Panama Canal Sta on reqn 6.W	
130105	7/10	Grenshaw	Fwds sketch showing recommended lay-out of machines.W To---advises of action. 8/11. NY work 3/10th completed. 8/11. To NY-- proceed with work. 9/30 To--- instructions. 9/30	
130766	7/16	Grenshaw	To--- comments as to necessity for oil engine; says it has recd sketches of antenna switch; etc. 7/20. Grenshaw comments 7-29 To NY hold lightning switches until further instructions. 8/11. Fwds bills for current	808
130910	7/25	Y&D	Fwds photos showing progress of work	808
20615	7/27	To F. Lowenstein	Motor generators of 5 kw sets for Balboa and Colon; request prints be forwarded at earliest convenience	629
20615	7/30	Lowenstein, F.	Motor generator; exciter; for Balboa and Colon; fwds print	629
131337	7-18	War Dept.	COLON & - fwds. bill for services.	808
131559	8-4	NY	Secondary distribution board; print.W To Canal Zone. Fwds print. 8/8	
131709	8-6	Y&D 10730-88	Cranegirders and rails are ready to receive cranes; reqt installation be expedited.W Ret--- 5-ton capacity suitable. 8/7 Y&D fwds reqn to cover 8-12	
131698	7-27	War Dept.	Fwds. bills	808
132568	8-11	Grenshaw	Cranes - req. be expedited	808
133115	8-27	Y&D	Fwds. report on status of work	851

BALBOA:

Number.	Date.	From or To--	Subject.	
✓ 120789	3-17	Crenshaw	Fwds bill for telephone and elec current.W	831
121363	3/23	Crenshaw	Bills for & Colon	808
✓ 121785	3-25	Porto Bello	Bill ICC for material.W Fwd S&A. appd. 4/10.	
✓ 121840	4-1	Crenshaw	Fwds print showing proposed location of buildings and towers.W Fwd Y&D. recast modified location plans. 4/9	
121949	4/8	Y&D	& COLON; steel towers; fwds bids; recommends award to A. W. Kurz	808
122561	4-1	Crenshaw	Quarterly inspection. W	
123230	4/23	Y&D	& COLON; recommends Phanam Canal be authorized to construct tower foundations for.	808
123673	4/20	Crenshaw	& PORTO BELLO; fwds bills	831
✓ 123815	4-30	Crenshaw R Crenshaw Y&D design 5-10	& Colon; houses for; quartermaster desires to substitute different buildings for operators.W Crenshaw recast action 5-6 (R) to --- to be in accordance with Y&D design. 5/6	
124137	5/5	To Colon & Ord	Requisitions for arms and ammunition disappd; requests Ord. furnish	854

BALBOA. 850

Number.	Date.	From or To	Subject.	
125272	5/9	Crenshaw	Requests authority to purchase copper wire in connection with ground system.W	
125567	5/22	Colon	Fwds bills	808
No 4	5-25	TO Crenshaw	Reqn 6 for equipment for house. W	
125839	5/18	Crenshaw	Fwds bill for electric current	808
✓ 125956	5/26 5/28	The President Solicitor 12479-680	Executive Order 1948 establishing limits of.W	
126308	5/25	Crenshaw	Antenna; recommendations re spreaders.W	
126282	6/2	Y&D	Expenditures by Canal labor on buildings: total \$40,000 for buildings and \$10,000 for sewer, water, grading, etc. & COLON	808
126547	6/4	Y&D	Panama Canal instructed to build fence landward side.W	
126310			Re installation machines and wiring	808
126980	6/1	Crenshaw	Fwds bill for rewinding armature.W Fwd S&A 6/12	
127233	6/12	Y&D	Copy of contract with A. W. Kurz for towers	808
20615	6/13	F. Lowenstein	Fwds prints of radio apparatus	629

1913

NY 0120

BALBOA: 850

Number.	Date.	From or To	Subject.
✓ 118643	2-21 2-26	War Dept Dept 12479-680	Fwds letter from Isthmian Canal Com recommend- ing submission of site to Fortification Dept. W To War Dept (Secy's sig) 2/27 Fwd sent rec rel. question to Panama Fortification Board 2/27.
118911	2-28	Y&D 100730	Site for: asks if any change from that shown on accompanying print has been made; desired in connection with award cont for steel towers. W To---mod. of location is being considered. 3/3
119471	2-27	Crenshaw	Fwds print showing dumps re new location for station. W
✓ 119693	3-6 3-11	War Dept Dept	& COLON: structural steel for towers; corres with A. H. McCay relative to their admission free of duty under Panama Act. Summarizes opinions that material is subject to duty Panama Republic except when actually used for Canal Construction. W Fwd Y&D 3/13.
119864	3/12	Arlington	& Caimito: transfer switch; fws print and reqt mfg at MI 851
✓ 119999	3-11 3-14	War Dept Dept 12479-680	Fws corres re sites selected; Dept auth proceed with work of erection. Fwd Y&D 3-17
✓ 119996	3-5	Crenshaw	Reqt motor cycle. W
120316	3/19	To Colon	Site: forwards print of location; request one print be returned with suggested lo- cation for towers and buildings. W

BALBOA:

1913

Number.	Date.	From or To—	Subject.	
103580	8-6	Guantanamo	Reports receipt of induction motor via HANNIBAL and reqt. instructions re disposition. W To---instructions. 8/14.	
103648	8-5	Balboa	Reqt. special allotment \$150. to apply additional room for use as kitchen? print. D	
105571	8-30	Balboa	Bill for pulley. W Fwd S&A 9/15	
107614	9-30	Colon	Report of quarterly inspection. W	
107743	10-10	NY	Reports shipment of material 10-3. W	
107797	10-9-30	Colon	Quarterly inspection; report. W	
108452	10/22	To Colon	Request recommendations relative to the permanent installation, characteristics of buildings in general, etc. W	808
✓ 108451	10/22	To Dept.	Permanent erection of station; suggests formal recommendation be secured from the Isthmian Canal Com. that an exactly described site be transferred to Navy Dept. Asks if shall proceed with erection pending transfer. W	

BALBOA. 850

Number.	Date.	From or To--	Subject.	
108452	10/21	To Colon	Reqt report present condition of buildings and recommendations for locaton new steel towers and buildings for 5 Kw station.	808
✓ 108729	10-16	Balboa	Fwds bill for elec lights.W Fwd S&A.appd-10/25	
✓ 109053	10-29	Dept 12469-680	Copy of letter to War Dept reqt. site be transferred to Navy. W Fwd Colon via Marine Corps.fwds copy of 108451-850. 10/31.	
109715	10/29	Colon	Fwds bills for	808
109966	11/11	To Dept	& COLON: Reqt auth. to proceed with necessary alteration of staitions.	808
✓ 110270	11-13	Colon R	Site requested at approved by Chairman.W	
✓ 110948	11-14	Balboa	Recommendations for quarters & fare in other buildings. W Fwd Y&D.desires estimates.11/24 rd 10 8	
110929 V-ID	11-19	Best	Reports on Kankas	
110950	11-9	Balboa	Operator S.T.Smith; reqt. reduced rate of fare for his father to make visit to Canal Zone. W Fwd Nav.11/24	

1912

2V

Number.	Date.	From or To—	Subject.	
97459	3/31	Colon	Bill for repairs to steel tower of	808
98057	5/16	Colon	& COLON: bills for current	808
98358	5-19	Colon	Bill for water and sewer connections.W Fwd S&A.appd.5/29.	
99262	6-3	Balboa	Fwds bill for subsistence of operators. W Fwd S&A.appd.6/12.	
99967	6-11	Balboa	Bills for stores.W	
99968	6-11	Balboa	Bills for material, supplies, etc.W. Fwd S&A.appd.6/23.	
99973	6-11	Balboa	Bills for erection of mast.W Fwd S&A.appd.6/23.	
99981	6-11	Balboa	Reports necessity of borrowing motor in order to oper station; recd. instructions re installation of motor and transformer ordered by Bureau.W (R) to Colon. Grants authority to purchase transformer. 6/24. To NY. Asks if induction motor. Bu. reqn. 337 has been received. 6/24. To Colon, Guantanamo and S&A. Request ship- ment of radio motor to Guantanamo. 6/24. NY motor passed inspec and recom. payment 6-27 To NY. request shipment of motor be exped- ited. 7/1. NY 7/3. motor fwd June 18th.W	

BALBOA: 950

Number.	Date.	From or To—	Subject.	
✓ 100427	6-25	Wireless Imp.Co.	Understands is giving excellent results and rept. Bu. have special report made.W	
✓ 100657	6-20	Balboa To NY reget shipment be expedited. 8/5 (R) to Colon. Shipment expedited. 8/4 NY det. Diehl (T) 8-6	Reqt. spare generator and field coils.W To Diehl Mfg.Co. request price. 7/2. Diehl Co. 7/2. quotes prices.W To Diehl Mfg.Co. Reqn. submitted. 7/7. To --- Gives list of items for which reqn has been submitted. 7/7 Reqt. action (R) 7-31	BEDOW
✓ 101064	6-28	Balboa	Fwds bills for work on towers.W Fwd S&A.appd. 7/9.	
101430	7-2	Balboa	Fwds bills for installing water and sewer connection. W Fwd S&A.appd. 7/14.	
101979	7-11	Colon	Report of inspection.W To --- Addition to porch appd. 8/5	
101816	7/11	Colon	ALLOTMENTS; submits amounts per quarter.	602
102931	8/1	Y&D 10497-25	Reports on inspection and proposed addition to temporary quarters.W Fwd Dept. 8/5 RE 8-8	
103074	7-29	Balboa	Fwds bill for erecting steel tower. W Fwd S&A.appd. 8/7.	
100657		SEE ABOVE	(R) to Colon: delivery due NY Sept. 11th. 8/8 Diehl Co. Will be ready Sept. 1. 8-14	

1913

12

Number.	Date.	From or To—	Subject.
60046 - 8008			
60523 - 8008			
60712 - 8008			
60771 - 8008			
61773 - 8008			
69345 - 8008			
75000 - 8008			
76339 - 8008			
73305 - 8008			
77061 - 8008			
77053 - 8008			
77451 - 8008			
77442 - 8008			
78403 - 8008			
78754 - 8008			
78013 - 8008			
79401 - 8008			
80186 - 8008			
81646 - 8008			
81961 - 8008			
83444 - 8008			
84332 - 8008			
85732 - 8008			
86824 - 8008			
89825 - 8008			
87845 - 8008			
90192	2/13	To Dept.	Request authority to proceed with erection of temporary radio station, est cost \$3000.W
90283	2-14	TO Colon	Additional allotment roofing auth.W
90673	2-12	Balboa	Reqd. wire for aerial.W. To NY & S&A reqd shipment 2/25
91106	2/12	Balboa	Request supplies.W Fwd NY 2/26 Fwd NY 2/26

BALBOA. 850

Number.	Date.	From or To—	Subject.	
90715	2/20	To NY	Request prepare allowance list of stationery, etc. for. Ret via S&A. appd. 3/12.	808
93267	3-24	Colon	Require 2000' bronze wire. W To— S&A. Request shipment. 3/25.	
93644	3/29	Balboa	states permanent power available: recommends installation of final motor now. Requests date of shipment. W (R) to Colon. Asks if present generator can be belt connected. 4/1. To Diehl Mfg. Co. Asks if can supply motor for direct connection. 4/1. Diehl fws diagram of motor 4/3 (R) to Colon. Motor ordered. 4/7. To Diehl Mfg. Co. reon submitted for motor. 4/7.	
93936	4-3	Colon R	Generator can be belt driven. W	
94426	4-9	Balboa	Motor should be 220 volts. W. TO Diehl Mfg. Co. has altered reqn. 4-9	
94656	4-1	Balboa R	Reqd. authority to employ labor \$1.25 per day. W (R) to— appd. 4/11.	
	4/16	To Crenshaw, Colon R	Furniture reqn. approved, supply from NY .W	
96141	4/22	Colon	Fws bills.	808
97203	5-8	Wireless Imp Co	Fws prints, description and prices for 25 cycle motor generator. W To— taken up later 5/14	

CAIMITO: RADIO STATION

1922

52

851 Number.	Date.	From or To—	Subject.
577773	from card 46		To S&A Regst shipment of ammeter from to Balboa 1669 12/7 W to S&A Regst shipment of ammeter from Washn to Balboa 1669 12/7

[illegible]

CAIMITO

RADIO STATION

1922

Number.	Date.	From or To—	Subject.
✓ 642854	9/24	15th Dist. Copy	Request auth to place Darien out of commission to replace rattail. W.
✓ 642817	9/25	15th Dist. Copy	Darien placed out of commission 9/26 to make antenna reports. W.
643458	9/14 9/28	15th Dist Dept	Submits report covg improvements in operation of high power station W Fwds MI 10/5
15 Dist Eng	1/23 W R	10/21 To Yds & Docks	Rgn pump and motor for darien radio station W R CC Balboa
✓ 645646	9/20	15 Nav Dist	quarterly inspection report W

853 CADMITO RADIO STATION

1922

Number.	Date.	From or To—	Subject.
647129	10/17	15th Dist.	Sub its estimate covering construction of pump system at DARIEN W rws -ds & Decks cc 15 Dist 10/31
647128	10/13	15 Dist.	For ds copy of PANAMA bid on spare antenna. W rws 10s & Decks 11/21 RB 11/23 W To Yds & Decks- Allotment made cc 15 Dist 12/2 To 15 Dist- Gives action cc Yds & Decks 12/2 Y&D 12/4 Copy of action to NY W
647964	11/1	Y&D	Copy of letter to 15th Dist. authorizing work in conn with duplicating automatic system.
627579	from card 50		To 15 Dist.- Modifications to ground system cc standards W 11/4 rws 11/18

1922

Number.	Date.	From or To—	Subject.
621016	4/23	MI	Copy of letter to 15th Dist. Pending install Plans showing lay out of outfit and diagram of 100 ft arc set. 7/4 To 15th Dist Plans 5/6 MI- Lay out of operating building and arc radio transmitters- fws vandykes, 5/13 W
623618	5/15	15th Dist. Copy	Request auth to place arc out of commission to perform nec work. W.
624753	5/22	15th Dist. (T)	Request auth to expend \$400 for spare rattail. W. To 15th Dist-- new rattail for main antenna 5/27
627579	5/6	M.I.	Installation of new Corona equipment at Darien. Comments on improvements W Fws 15 Dist cc MI 8/16 15th Dist- Comments on improvements cov instln 9/25/22 W. 15th Dist- Fws prints of ground system 12/25 W Fws Bu Standards 10/14 W Fws MI 9/16 RB 10/30/22 W Fws Operns 11/2 RB 11/9 W Copy of letter to 15th Dist stating new radiation ammeter will be furnished W
627607	5/6	M.I.	

Number.	Date.	From or To—	Subject.
✓ 628163	6/15	15th Dist	Case of radio matl will be shipped to Bureau W To 15 Dist (7) do not send receiver 5/15
✓ 631047	6/20	15th Dist:	Request radiation ammeters to replace one burned out. W.
✓ 631808	7/1	15th Dist.	Quarterly inspection report, Darien: W.
✓ 631959	6/28	MI	Changes of exhaust line and blower system at Darien- fws prints. W

Number.	Date.	From or To--	Subject.
577781	FROM CARD	46	RD- Report on cost of clean. es. 1/4 W To 15th Dist & Docks- use money authd cc 15 Dist 1/7/22 RD- Copy action to 15th Dist. 2/24 W 15th Dist- Copy- Sum estimates 6/24 Panama anal - request instrs. 3/24 To 15 Dist (T) adml allotment authd 3/25 cc 15th Docks
605330	1/7	15th Dist.	Quarterly inspection report. W.
605790	1/17	MI	Copy of letter to 15th Dist. advising of shipt of arc radio equipt for 7.

CAINITO RADIO STATION

1922

Number.	Date.	From or To--	Subject.
605850	1/12	15th Dist.	Quarterly inspection report. V.
609191	2/11	15th Dist. [T]	Request expedite shipment of time clocks for Darien. To 15th Dist. - expect delivery one month - have reqd expedite - 2:21-V
614536	3/9 3/22	15th Dist. YID	Ask if spare antenna for Darien is to be supplied. To 15 Dist - gives inform cc Yds & Docks 3/24
615955	3/29	YID	Copy of telegram to 15th Dist. stating addtl allotment #2601 -11-A has been mailed. V.
618553	3/13 4/6	Balboa 15th Dist.	Quarterly inspection report. V. To 15th Dist. - expect delivery to be Darien Radio Station be expedited cc 15 Dist 4/20 15 4/20 V.

1922

Number.

Date.

From or To—

Subject.

591805

FROM CARD 48

Point Isabel 12/26 W
 Yerba Buena- 12/26 W
 Yerba Buena- 12/26 W
 15th Dist- 12/27 3 reports. W.
 Point Isabel- 12/31 W
 Point Isabel- 1/1 W
 Point Isabel- 1/2 W
 15th Dist- 12/31- report on test. W.
 15th Dist- 12/29 W. four reports
 15th Dist- 12/27 2 reports W
 Point Isabel- 1/3 W
 Point Isabel- 1/5 W
 15th Dist- 1/5 4 reports on. W
 15th Dist- 1/5 W
 15th Dist- 1/12 Report on test. W

[illegible]

CAIMITO: RADIO STATION

Number.	Date.	From or To—	Subject.	
593729	11;1	Balboa T	Darien monthly test will be sent November	1st. W
595182	10/27 10/29	Darien 15th Dist.	Request spare battery parts be furn. W. To 15 Dist- Gives Action 11/19	
595181	10/27 10/29	Darien 15th Dist.	Request spare battery parts be furn. W. To 15 Dist- Gives Action 12/1	
597546	11/26	I&D	Understand report was sent direct to Bureau rel to painting of towers. W.	
564834	FROM CARD 45		15th Dist- Fwds print from Bristol Co 11/21. W.	

CAIMITO RADIO STATION

1921

Number.	Date.	From or To--	Subject.
600258	12/7	15th Dist.	Request auth covering payments for repairs to Sub station equipt. 7. To Balboa Appvd 12/16
591805	FROM CARD 47		Point Isabel 12/12 W. Point Isabel- report of test- 12/22 12/13 W To LI (T) San Diego not keeping test 12/18 Point Isabel- 12/15 W. Point Isabel 12/14 W. W. LI (T) Schedule started 12/13- 12/19 W Point Isabel- 12/18 W Point Isabel- report on test 12/17 W 15th Dist- 3 reports- 12/13 W CCS 12/17 W. Point Isabel- 12/18 W. report on test. 12/18 W Point Isabel- 12/19 W. Verba Buena- 12/18 W. Verba Buena- 12/18 W. 15th Dist- 12/18 W. (2) report on test 15th Dist- 12/18 W. 3 reports on test. W. Point Isabel- 12/22 W. Verba Buena- 12/21 W. North Isl. 12/19 W.
CARD 48			
600798	12/23	To 15 Dist	Modification to arc motor generator fixed W RB 3/14 W. To GE Co- Regs comments 5/11 Edw Balboa 6/23 15th Dist- Fwds report of test. 7/25 W To Balboa- gives comments 8/26 Edw Comms 8/26 RB 8/30/22. W.

→ 2001

NAFAPPO RADIO STATION 1921

Number.	Date.	From or To—	Subject.	
587383	9/17	15th Dist.	Subm inform rel to comparative cost of oil coal and elec ranges and other relative advantages in the Canal Zone. To 15 Dist- Give Action 10/4.	
571574	9/17	15th Naval Dist	Recommends spare antenna be provided for Darion & Bulboa also adequate water supply for Cape Mala W	604-22
589673	9/30	15th Dist,	Quarterly inspection report. W.	
591805	10/20	Communications	Improvement of radio communication between	
CARD	15th Dist-	(T) Test- report on 12/6 W	Darion & San Diego. Comments on. Reqs at	
48	Point Isabel- Report test 12/8-12/9 W	Point Isabel Sta be increased in size W	To Dir Comms- 8 Dist- Gives inform rel	
	Point Isabel- test 12/7- 12/8 W	Point W 12/13 ? 12/15 W	test W 12/11 W	
	Point Isabel 12/10 W.			
592379	10/25	To 15 Dist (T)	Darion wave length- Adjust as listed	

CAIMITO RADIO STATION

1921

Number.	Date.	From or To—	Subject.
568178	6/7	Bar Harbor Copy	Have hired Wm. Keppers an ex-radio gunner in order to expedite instln at Darien. W Dent 6/7 WK fwd Secty 6-10
569438	6/13	15th dist. Copy	Gives status of new arc instln. W.
571552	6/22	15th Dist / Copy	Report on status of new arc instln. W.
571642	6/22	15th Dist. Copy	Status of new arc instln. W.
573115	7/2	15th District copy	Progress report installation of new arc equipment at Darien W
574053	7-14	To Balboa	Wave lengths Darien. Gives instructions covering W copy DNC POCs Comdt M.I. Dated 6-30-20 Com. 7/8-14 longer new arc set. 2.
577452	7/25	Longstreth & Van Dyke	Reqst authority to subm leaders listed for test. W.
VOID error		VOID.	
577460	7/16	15th Dist	Quarterly inspection report Darien Sta. W. To Comdt 15th Dist 8/1

NAVY 124
CAIMITO RADIO STATION

1921

Number.	Date.	From or To—	Subject.
577886	7/18	15th Dist.	Recommends be authorized to expend \$5.00 to replace roof on power house. 7. To Comdt 15th Dist 8/3
577774	7-30	To S&A	Re: st shipment of insulators from Mare Island to Darien W 8337 RB 10/19 W.
577773	7-30 To 15 Dist 9/7	To S&A card 52	Re: st shipment of rad ammeter from Washn to Darien W 8335 Shipt ordr r from Phila to Washing ammeter 7/30 8334 Phila ask if substitution satisf.../10 W To Wash 8/16 To Phila 8/28 RB 8/31 W Re: st shipment of radio material from Wash to Darien W 8350 RB 10/19 W
577858	8-1	To S&A	
577781	8-1	To S&A	Re: st shipment of radio material from Norf to Darien W 8349 RB 10/19 W. Han. Ads. 9/20 W.
49	15th Dist 12/14 W	Philasubm estimates 10/13 W Re: st comment 12/1	To 15 Dist 9/30 To Phila Re: st estimate of shipst 9/30
578812	7/21 8/2	To Vas 3 blocks 15th Dist. Communications	Subm comments on 10.110 meter wave length. W/. To 15th Dist present working wave to be continued. 8/8 W
580054	7/28	15th Dist.	Notes of new arc instln with report calls attn to location of pump
	9/16 W	15th Dist. Subm report with sketches on parallel operations of generators for arc.	To Comdt 15th Dist 8/17 To Co. dt 15th Dist. 8/17
580072	7/30	To S&A 15 Dist. Re: st report	To E.I. Co 15th Dist 8/17
MI-Fwds	10/16	report in com with instln of new 1.0 kw arc transmitter at Darien	Estimate 9/19 W
End MI via	15 Dist 11/16		to are instln-subm prints with

CUMMIS RADIO STATION

1921

Number.	Date.	From or To	Subject.
547523 OVER	2/17	15th Dist. Copy To 15 Dist Desires opinion of Comt as to best and most economical procedure to be followed 4/6	Automatic time clocks- ask if shall send to factory for repairs. H. To Self Winding Clock Co. Request inform re neccy work of overhaul and cleaning 3/16 Self Winding Clock Co.- Comments on probable cause of stoppage of transmitter clock. 3/19 W Copy of letter to contractor asking if decision has been reached re to Co. furnishing Engineering and mechanic for install arc radio equipt at Darien. W
549266	2/25	Self Winding Clock Co. 5/24 W Impr Fed.	
554212	4/11	To 15 Dist (T)	Letter has gone forward re Darien Time clock make local arrangements as practicable chargeable to maintenance Darien pending repairs cc Comm W
556952	4/15	To Balboa	Request Bu be advised as to practicability of using Elec stoves and heaters at Darien cc Comm W
15Nav D	4/16	To Comdt Balboa	Spare parts for arc equipt at Naval Radio Station Darien. WH
560325	5-11 To 15 Dist	To Comdt 15th Dist and 1/10/22	Motor generators for Darien. W 15th Dist- 6/8 W. 15th Dist- 7/18- 1st Dist- 4/19- quarterly 15th Dist- 2d want project for generator Subm summary of work of Dist for month of April W.
564842	5/77	15th Dist.	
13639-595	4/28	Eng Comdt 15th N.M.	Radio Telegraph- U.S. Naval radio sta Darien Modification of working wave angle.

1921

Number.	Date.	From or To—	Subject.
564959	5/19	Balboa Copy	Radio Inspector Landon and electrician Wallace reported for duty in conn with new arc. W.
564834	5-24	To Bristol Co.	Reqt recommendations in conn operation of generator set at Darien.
CARD 48	Fwd Comdt 15th Dist 6/9	RB 9/20	Bristol Co. Subm suggestion cov operation of recording ammeter. 6/2 W.
	To Bristol Co. 6/2		W.
	Sketch showing connectns for instrument. 10/21	W	To Bristol Co. 6/9
547523	FROM OVER		Fwd 15 Dist 10/26
			15th Dist. 5/17 W.
			To Self Winding Clock Co. have added to Canal Zone for recs 5-28-21
			15th Dist. recommends no further action be taken. 5/24 W
			Self Winding Clock Co. Subm quotation. 6/14 W
			To Self Winding Clock Co 6/20
			To 15th Dist- Hal to reduction to \$740. maximum for work specified in conn with. 6/5 W
566542	5/26	15th Dist.	Instln of new arc equipt at Darien- comments on nec expenditures and alterations.
			15th Dist. Subd sketch showing preliminary layout. 6/15 W.
567763	6/4	15th Dist. Copy	Nec to put stations out of commission on 6/5 for new instln. W.
568178	6-8	To Secty	Authority reqst employment radio electrician for temporary emergency work Panama Canal Zone. W

CAIMITO RADIO STATION

1920

Number.	Date.	From or To—	Subject.
523889	10/18	15th Dist. - Copy	Request expert radio aid be assigned for instln of arc equipt. W. To 15 Dist (17) 3 ves action 10-16
524187	10/19	15th Dist. Copy	Suggest radio aid bring necessary crew for instln at Darien. W.
15th N D	10-16	To CCA	Records in conn with Dist communication superintendent's quarterly insp report of W. cc Dir Com - 15 Dist - 15 Dist
525306	10-12 10-25	Balboa Communications	Request vertical spark antenna be manu' and installed; W
527397	10/29	inspr Fed.	Copy of letter to Fed. Tele. Co. in conn with supplying equipt for improved blower and exhaust system for transmitter at Darien. W.
528284	11/4	Inspr Fed.	Copy of letter to contractors asking if will accept amendment to contract 48887 gov services of engineer and mechanic to prepare plans for instln of 100 KW arc converter W.

CAIMITO RADIO STATION

Number.	Date.	From or To—	Subject.
529134	11/13	15th Dist. Copy	Request new radiation a meter be furn. To Morf 11-18 Lorf/ 11/27 W. To S&A shpt of ammeter from Wasin to Darlen 12/1
530927	11/10 11/11	C. 100 Solo 15th Dist.	Quarterly inspection report. W. To Comdt 15th Dist 12/23 15th Dist 1-21-27 To 15 Dist (1) Request inform 12-27
530938	11/13 1/13	C. 100 Solo 15th Dist.	Request new radiation a meter for 100 K. re set be furn. W.
538408	12/27	15th Dist.	Subm report of test at Darlen 11/20 & 12/10 W
539847	1-12 To 15 Dist.	Re Comdt Balboa Gives inform 9/30	Daring- duplicate pumping outfit project A 67 SE 21- W 15th May Dist 9/13 duplicate pumping outfit. Edws print showing proposed location W
539787	12/20	15th Dist	Request allotment card be ret'd cov conver- sion of barracks into married quarters. To Y&D 1-21-21
541333	1/10 MI 5/23 17 9/28	15th Dist.	Quarterly inspection report. W. To Comdt 15th Dist 2-7-21 To MI Request travel Gives Action of 15 Dist 4/9
541498	1/13	15th Dist	Report of instln. 6/3 W 15th Dist 1-21-27 To MI Request travel Gives Action of 15 Dist 4/9

CALMITO RADIO STATION

Number.	Date.	From or To—	Subject.	
500620	6/18	Alberger Pump & Cond. Co.	Subm proposition cov pump for Darien. To Alberger Co- Pump cov. & specns 6/28	W.
500741	6/9 6/10	Coco Solo 15th List	Fwds copy of Panama Canal specifications for elec pump at Darien, in use at present.	W.
NEA 17 1/2	7/8	Fwd S.A via Y&D	Reqst for furnishings for quarters at DARIEN WR Reqst revised estimate.	
505373	7/2	15th List.	Quarterly inspection report.	W.
510296	7:27	Coco Solo	Outline of radio work.	W
505672	8-7	To Comdt 15th Dist	Boat house station DARIEN. WK com Y&D C&R Naval Com. To C&R rel above 8/7 Fwd Director Comm. 8-11 () 15th Dist- Copy of action to Canal Zone. 8/12 WK To 15th Dist- fws copy of endorsement 8/14 15th Dist- 8/20 Comd- 7/16 Quarterly inspection report. W.	
511953	8/2	Balboa	Arrangement of arc and spark antenna- report on test covering.	W.

851 CAIMINTO RADIO STATION:

Number.	Date.	From or To--	Subject.	
50164	8-25	To Comdt. Balboa.	Reqt serial numbers and name plate data on transformers.	629
515805	9/5	15th Dist. Copy	Low key arrived; motor generators not.	7.
515848	9/7	D.C.S. Balboa	To Balboa (T) 9/8	
	9/7	Copy of action to	To Insp Westinghouse (T) 9/8	
	9/7	15th Dist.	Insp Westinghouse- (T) C ves dates of shipment of motor generators. 9/9 W.	
	9/7	Copy of action to	Request transmitting power be increased to communicate with San Diego. W.	
	9/7	15th Dist.	To request report with com and record of sub	
515891	8/24	Coco Solo	cc com- Pac Coast- 3-1-C Pac Fleet- 15 Dist 10-5	
			Reports on inspection of Varian towers.	
			To Comdt 15th Dist: 9/10	
516724	9/8	* Insp Fed.	100 KW arc set on contract 48667 - fwsd	
		To Insp Fed 10/20	plans and recommendations for blower and exhaust system for. W.	
			Insp Fed. 10/11- fwsd correspondence with Comdt's. W.	
517457	9-15	D.C.S. Balboa (copy)	Varian install remote control; necessary to shut down short time each day; "	
520966	9/29	Insp Fed.	Copy of letter to 15th Dist. fwsd drawings of loading inductor and signal system of converter.	
			Insp Fed. Copy of action to Fed. Tele. Co. 9/30 W	

1920

Number.	Date.	From or To—	Subject.	
472212	1/27	To S & A	Request shipment from Washington to Insp Palo Alto 2 Radio Morse double cont hand sending keys. W RB 5/18 Y. In Dr Fed— Request expedite delivery of hand keys. To Insp Fed 3 25 3/16	
474228	1/22 1/4	15th Dist Communications	Quarterly inspection report. fwd Com 2/6	
474600	1/19 1/24	Coco Solo 15th Dist	Subm report on measurements of Darien Tower current.	7
473186	2/8	To Fleet Base	Request advise info as to route and date of fwdg shipment. W RB 2/16 To Cat 15th Dist 2/9	
477688	2/11 2/13	Coco Solo 15th Dist	Subm report covering spark antenna system at Darien Sta.	W

Number.	Date.	From or To—	Subject.	
489900	4/26	Balboa Copy	Had to put Darien arc out of commission to replace burnt out choke coils. 15th Dist. (T) - Arc out of commission. 4/26 W	
489869	4/9 4/24	15th Dist Communications	Quarterly inspection report Fwd Director Nav. Comm. 4/28 To Comdt 15th Dist request dupl of regn 5/8 15th Dist - Fwds requisition. 6/12 W and 15th Dist 6/30	W.
491250	4/12 4/30	Coop Bole 15th Dist.	Quarterly inspection report	W.
490925	5-24	To S&A	Request shift from Wash to Darien C.Z. Wave Meter W RB 4/11/21 W.	
495382	5/25	Alberger Pump & Cond. Co.	Subm quotation covering motor driven centrifugal pump for Darien. To Will consider proposal 6-3 Alberger Pump Cond. Co. - Are endeavoring to secure proper motor for pumping unit. 6/4 W. Alberger Pump Co. - Request specifications for motors. 6/10 W.	W.
496434	6-1	To Comdt 15th Dist	Adjustment of wave length. W 15th Dist - 6/23 Fwd Bur Stas 7/9 RE 8/10 W To Balboa. rel adjustment wave length 8-15 Fwds correspondence in conn with contract 48201 for 150 KW loading inductor and signal system from Fed. Tele. Co. Co's estimate disapproved due to excessive cost. W	
499471	6/9	Insp. Fed.		

Number.	Date.	From or To—	Subject.	
Darien 13	8/27	To Fleet Base Tel	Four hundred carbon cathodes left Wash Yd by express today 8/1 five three seven five for transshipment Darien radio period fwd on first available boat and advise W-R	
442176	8/29	To S&A	Req ship from Wash to Darien via Fleet Base 400 carbon cathodes for are set W To Fleet Base- re ship 8/29 Fleet Supply Base 9-9 Reports matrl shipt. To Darien (T) 8/20	RB 11-22
445253	9/13	To S&A	Req ship from Otter Cliffs to Coco Solo take trip W To Cdt 15th Dist Balboa- asks results of inspection 9/15	RB 3/5
446230	9-19	Balboa (T)	Rest 3 voltage release coils with armature for starting compensator.	W
446650	9:2 8:12	Coco Solo Balboa	Reports on condition of new antenna at Darien. W	
5 450860	10:21 11:4	15th Dist Com	Quarterly inspection report. W fwd Com 11/6	

CARDITO

Number.	Date.	From or To—	Subject.	
456205	11/7	To 15th Dist	Reqst advise if new insulators have been installed Dairen Station. and if satis. W RB 12/24	
460776	11/2	To S&A	Reqst shipment from Washington to Darien Ch. radio etc. W RB 2/21	
464728	12-24	To 15th Dist	Gives status of mfg. of material for Darien. Fed. Tel Co mfg's. W	920
469439	1-15	To 15th Dist (T)	Reqst DRMO measure tower current in each of Dariens three towers while operating 100 kw. arc etc. W 15th Dist 1/18 Copy	
470462	1-21	To Darien (T)	Reqst tower current measurements taken etc. W 15th Dist- Re ort of test ground. 1/24 15th Dis-T-report on result of test. 1/23	
471523	1/26	To S&A	Reqst shipment from Washington to Darien key panel W To S&A came 2/4	

Number.	Date.	From or To—	Subject.	
423612	6/4	NY	Annual allowance for Colon, Darien. Balboa, Cobo Solo, reqst report of fwd to Bu be fwd to radio material officer 3rd Dist. To- NY fwsd copies of corresp 6/7	914
426251	6-18	To Radio Sta Darien Tel	15016 Bu does not desire purchase key of type now used at station period design thruer way for new system with coupled compensation period when must new key be available period local repairs should be made to enable present equipment to be used until new apparatus avail period reply by despatch. W	
426798	6-21	To Balboa via 15th	Rel to shipment of insulators for station. W To 15th re: soil from Brunswick to Darien Insulators C-30 RB 10:25 New Brunswick C;20 NY 7:15	
429163	6:19	Balboa Cobo Solo-Report cov breakdown of trans equip at Darien. 6:15 Tracer letter R B 9-9 To Balboa (T) 11/6 Balboa 11/6 - (T)	Request for delivery of new blow out coil for Darien, request magnetic wire is being to Balboa. Tel 7/2 To 15th Dist. re ship ordered 7/5 Balboa-Tel 7:7-Name of ship on which material was fwd, reqst. W Balboa-Asks when wire will arrive. 7:19 To Balboa Tel 7/19	
433457	7:17	Coco Solo Inspr GE-Reos commutator turning tool be obtained for use Darien. 8:15 W To Inspr GE req obtain quotation 10/3 Inspr GE 10:14	Reqst commutator surfacing machine be furn to Darien for Gen Elec gen, sub estimate. W To Balboa Tel 7/19 14 Sub quarterly inspec report. San Domingo. 8:2 Coco Solo - 8:24 To GE - asks fwd statement rel time of del and cost of machine for dressing commutators without requiring dismantling of gen 8/12	

CAIMITO

Number.	Date.	From or To—	Subject.
434253	7:9	Cose Sola	Sub report on 5 kw trans set instal at Darien W. To 15th Dist- transformer removed from 5 kw Marconi trans will be retained as spare in Canal Zone for use w 5 kw Marconi trans installed stations 7/24
✓436542	7:18 7:31	15th Dist Com	Quarterly inspection report Darien Station.
✓438692	8/11	To Cdt 15th Dist Balboa	Tel: Delivery new loading coil and key set on for radio Darien will be delayed for one hundred twenty days due to difficulty in obtaining high frequency cable period etc. W
✓439978	8:11	Insp Rcd	Rcds report of material shipped cov material to Balboa W
440052	8/15	3rd Dist	In con with death of Saul Posner. Alamed. 793-5 to have some in contact with live wire at Marine Radio station. W
✓440214	8-19	To Comdt 15th Dist	New Arc equipment for the Naval Radio Station, Darien. Rcds furnish prints showing the arrangement of radio and elec equipment in the operating building at this station. W To Balboa 11/8
		15th Dist Rcds floor plans of operating bldg at Darien 8:24 To Balboa-ackls receipt of plan and gives infer. 10:14	

1919

CAIMITO:

Number.	Date.	From or To -	Subject.
387379	1:7 1:21	15th Dist Com	Fwds quarterly inspec report, Darien Station.
393702	2:4	15th Dist	Sub quarterly inspec report on Darien.
392810	2:10	To Dept	RB 2:14 To Cdt 15th Dist- Bur approves conversion of guard barracks into double married operators quarters- 2/19
✓ 346919	2:22 FROM CARD 38		To Weston Electrical Instrument Co- Advise Bur re error which will result in introduction 60 cycle A C ammeters and voltmeters of approved Navy type manfd by you for use in a power supply of 25 cycles- 2/19 To Darien C2- Advise receipt of shipment trans set contr 33014 with To 15th dist 3-18 rec of material- Canal zone 3:19 Received back from Darien 4:18
423437	5-27	Balboa	Sub report of antenna insul recs Arcover petticoat type be supplied Darien W 911

1919

CAL 170

Number.	Date.	From or To—	Subject.	
> 397336	2-25	To Darien CZ	Reqt purchase of insul parts be disc'n type 30948 drawing REBIF-1328 superseded by type 3E1454 plan REBIF-149A-	
411055	4:4 4:14 Phila- To 15th Dist	15th Dist COM 6:18 re ship made 6/23	Report of DARIEN, etc. To Phila- Reqt report cov ship. 4-25 W To 15th Naval Dist- Reqs in con with quarterly inspec. 4:28 W Phila- Reqt additional information. 5:13 To 15th Dis- info restd 5-20 To Phila targe towers of Darien Sta 6 00 ft in height Comdt 15th Dist will furnish further info 5-20	W
> 413233	4-25 15th Dist will be shipt. 3/5 To Cat 15th Dist	To Darien (T)- Ask when new key 3/5 Dist (T) 3/9	Reqt shipment from Wash to Darien of arc relay key. N O Tel- Reqt Key be rushed to Darien. To Balboa Tel 7/24	W 5:16
> 413768	4:28	TO S&A	Reqt ship from MI to Darien of 20 insul porcelain safety strain type Cal 203 To MI Tel 5-16 MI-Tel- Insulators shipped 5:20	RB 6:21 W
> 417386	5:12	Darien Tel	Gives unit cost of power. To Darien Tel 5-10	W
420085	5:21	Balboa Tel	Reqt authority to expend \$210. for filtering oil Darien high tension circuit breakers and transformers. Balboa-5:22 Tel To Balboa Tel 5-22	W

CAINITO:

Number.	Date.	From or To—	Subject.
251931	9/29	Darien R	Reqst authority to purchase furniture for quarters - W To—(T) Grants auth. 10/1
263601	11-28	To Darien	Ask if there is spare radio equipment in the Canal Zone suitable for uses afloat. 7 876
265457	12/8	To Canal Zone	Non-receipt of material urgently needed at Canal Zone. Gives information re shipment of. W
296633	4/10	To Darien T	Directs submit rec in detail install radio station Coco Solo and distant control for same. W B alboa (R) have mailed recommendations 4/12--
300716	4/3	Canal Zone	Quarterly inspection-fwds report. W To Canal Zone-- In re remote control Switchboard panel-- 4-29 To Darien Radio Sta-- new aerial for 4-29 To 52-- In re Darien req. D-5 of July 3rd 1917-- 5-3 B alboa - fwds plans and specifications of aerial - 5/10 = W Balboa - fwds data - 5/24 Fwd M-X Phila 5:5 received back 6:21 To Y&D. Dr'ing rec'd without original copy. Silence. 7/17 Fwd. 7/19 Y&D - 8:30

851

CALLEJO.

Number.	Date.	From or To	Subject.
315050	7/28	15th Dist	Submits report of test of lightening arrester. W to Balboa. Note: For overhaul of arrester. 8/14
326694	7:4	15th Dist	Fwd's report of inspection at Borven radio station
328456	7:4 7/19	15th Dist Naval Com.	Sub quarterly report of inspection.
345583	9:6	Darien 7/21	Corrects previous tel. W to Balboa (2) Cannot identify report reference 9/9 DCS-TEL: Items on req of 8:3:17 not received req same be fwd by end of Sept. W 9:6 Fwd. 9/20
346919	9/12	To S&A TO CARD 39	Re: Shipt. of radio apparatus from NY to Canal Zone for Rad. Sta. W
		To S&A Re: Shipt. from NY to 15th Dist-Radio and 1-29	Balboa-Panel and radio set ready for airplane. 10:8
362291	10:24	15th Dist	Copy of quarterly inspection report of Darien sta. W allots to ant to ers. 1-1
340314	2-23-19	15th Dist	None received -

CAIMITC

Number.	Date.	From or To—	Subject.
✓ 221711	4/9	Darien T	Request authority to expend \$160 for overhaul Kerosene engine. W To—(T) Repairs auth. 4/10
223852	4/20	Darien T	Trouble with water supply; rush delivery of pump material. W Sd S&A—5/5 RB 5-7
✓ 225349	4-28	NY	Requisition 13; parts for centrifugal pumps; rept action be expedited. W Sd S&A—5/5
✓ 228723	5/4	Darien	Fwds inventory. W
230166	5-15	Darien	Fwds requisitions for the Darien Colon and 3 Alboa covering supplies uptakes, yearly allowances etc. for year 1917 and 1918 RJB
✓ 233576	6/1	Darien	Outline radio work, 1918-19. W To—Gives action. 9/7
157750	SME CARD 26		To S&A—Ask where can locate set of bolts for Honolulu station time clock. 6/27 RB 7/16 Fwd Pearl Harbor—7/19 RB 8/20 To S&A—8/17 Fwd S&A—8/22

CAINITO. 851

Number.	Date.	From or To—	Subject.
✓ 240314	7/25	To S&A	Reqt shipt of wave meter from Wash to. W To Rec Dist. of 7/25/17 be recalled. 2/5 To 15th Dist- info re cano of SO 3-14
240697	7/25	Darien copy	Request antenna wire insulators to fill reserve stock used.W
✓ 240951	7/28	To S&A	Reqt shipt of antenna wire from Wash to <u>Darien</u> . W
✓ 243807	8/2	Darien	Fwds inventory sheets.W
✓ 243788	8/15	To S&A	Reqt shipt of lighting switches from Wash to. W
244817	6/25	Canal Zone	Fwds report of quarterly inspection.W Fwd Nav Com—8/27 To Ord—8/28
250917	9/12	Darien	Action taken on request for automobile; asks .W&R To—will be supplied by NY. 9/29 Darien-10/26.W To—11/8 RB 11-30

CIMITO

Number.	Date.	From or To—	Subject.
206201	Fwd S&A—6/19 CARD 34	Fed Tel Co fws bill for balance due Darien 6/12	Fed Tel Co states gas engine has passed test and will be shipped to Darien on steamer sailing Jan 27th 1/18
	Darien (T) engine arrived March 3rd, installed, satisfactory; spares not received 4/4	To Darien—Advise of ship. 1/26	To Fed Tel Co—Acknowledges letter Jan 18.1/26
212307	To Darien—(T) Directly inform Bu arrival of engine. 4/4	Fed Tel Co request payment of amount held back on account of defective gasoline engine 8/26	Re payment of bill. 6/8
	To De Forest Co Fed Co—	Transmitting clock installed; reports defects in working. W.	To Navgn—quotes despatch for comment and recommendation. 1/24 2/3 2-5
	1-23 Darien R	Darien (R) working satis; ready to start; request instructions 1/31	Fwd Naval Communi—1/29 R3 2-5
	Dar on fws copy of letter sent to Director of Nav Com relative to time signalling clock 2/16	To Nav Com—quotes above radiogram. 2/1	To Navgn—Reqt reply to letter 1/24. 2/3
	rwd Nav Com—3/3 R3 3-9	To—No info available for remedial or able	Navgn have referred request to Branch Hydro Office operatin; tin balls 2/13
213120	2/1	To S&A	Reqt ship of 12 asbestos tube pieces, from M.ia. to Darien for use with radio apparatus. W
213180	2/1	To Darien	Reqt report on radio station breakdown reported 1/28. W Darien 2/14
213808	1-3 Darien	To—Bill fws when drawn up by Post. 2/16	Request data on distant control; in connection with fitting up station. W To Post—Directly fws copy of plans and instans to Darien when completed. 2/14
214064	2-7	Darien R	Request authority to expend \$4,000 for smelter one company infantry. W To—(T) Apprs. 2/9

CAIMITO: '851

Number.	Date.	From or To--	Subject.	
215117	2-18	Darien R	Gives time will be out of com.W.	
215623	2-15	War Dept	Pwds bills for work done at and Talboa and Darien.	808
216429	3/1	Darien T	Request authority to retain present station laborers under Panama Canal foreman W.	793-1
✓ 216414	2-20	Darien	Request new long wave receiver for undamped oscillations. W To S&A--Reqt shipt. 3/7	
216927	2-26	Darien	Request 20 kw induction motor. W To--Appvs. Will prepare reqn for. 3/15 To S&A--Reqt shipt of remote control switchboard from Bost to Great Lakes. 3/16	
217709	3-1	Darien	Submits recommendations for distant control site. W To--(T) Appvs. 3/16 Darien (T) Asst Bu comment on test 3-27 To--(T) Appvd. 3/29	
208096	SEE CARD 35		To Wash--Appvs est. 3/22 To Darien--Gives action 3/22 To S&A--Reqt shipt of 6 trans choke coils from Wash to NY for Darien. 3/22	
✓ 220191	3-16	Darien	Quarterly inspection.W.	
218053	4/5	To Darien	HSE 25-A and Bu records differ. Reqt further information. W Darien 4/16 W To S&A--Shipt reqt. 4/30	
		Darien reports ticker shipped to Wash Yd on 12th. 5/12		

CAINITO

Number.	Date.	From or To--	Subject.	
206604	11-10	Darien	audion bulbs; received in bad condition; finds shipping tags; states improperly packed.	898
206995	12-2	Fed Tel Co T	Offers to furnish metal filler block, cathode insulators; recommends be omitted on all future arc sets; have on long distance stations.W To--(T) Relative to furnishing new anode holder. 11/27 To--(T) Directs substitute carbon holder for anode holder. 11/29	
207235	11-27	Darien	Submits estimate for necessary repairs to buildings.W To--Appvs ests. 12/7	
208097	12/1	Pac Coast Supt	Report of inspection.W	
		To--(T) Appvd. Instrns. 2/16		
		To--(T) Shift choke coils 1 P.M. 17th.	2/16 Wash submits estimate 3/12	
208096	12/1	Darien	Choke coils unsatisfactory; reports in detail.W To--Comments on. 1/4 SEE CARD 36 To--Will replace choke coils. Directs make temporary arrangements pending work. 2/3	
		To Wash--Directs prepare plans and ests for work. 2/3		
		Darien (R) rest start at once 2-15	position of choke coil; require 6 hours 2/16	
207184	12/5	Darien	Request new wave meter; unable to make proper report on test until received	903
208575	12-2 12-12	Wash Dept IA	Eds will for incinerator furnished by Panama Canal. R Fwd SEA--Appvd. 12/16	

CAIMITO

Number.	Date.	From or To—	Subject.
209231	12-11	War Dept Colon	& Balboa; Darien; fwsd bills for work done. 808
209582	12-15	Darien	Water supply; reports on bad condition of W and rec. 1/1/37 RB 1-6 To—(T) Auth expenditure \$500. 1/5
209720	12-14	Darien To Sol—Reqt return of papers. 4/2	Site for distant control station; fwsd map with recommendations W Fwd Dept—Rec appvl of site "B". 1/5 RB 1-15 Fwd Clves action on Comments. 2/19 Fwd Sol 2-21
161229		SARD 27	Self Winding Clock Co have received formal order from NY Yd covering sending of parts Darien 12/29 To Darien—(T) Representative of company will arrive Jan 11th, install clock. 12/30 To Self Winding Clock Co—Acknowledges letter December 29th. 1/2
210350	1/3	Darien R	Asbestos tube piece for new type anode bushing; request delivery of 5 more by mail W To S&A—Reqt shipt of from M. 18. to Darien. 1/4 To S&A—Reqt shipt of 3 ebony asbestos bushings from Wash to Darien. 1/5
210630	12-19	Darien Darien expect antenna will last 2 more years; etc 2/3 To—Alpvs preparations. 2/16	Quarterly inspection W To—ask length of time main antenna may be expected to remain in service. 1/11 2/16 Darien reports further breakage of antenna wires Reports shipment of audion amplifier—ordered NY without Bureau authority. To S&A—Reqt shipt of amplifier from NY to Wash for disposition. 1/8
210766	12-28	Darien	

CAIMITO.

Number.	Date.	From or To	Subject.
198386	8-31	Fed Co.	Agrees to replace defective anoid originally supplied; fwds plan of new design. W To--Material to be replaced should be sent direct to Darien. 9/9 Fwd NY--In connection with award of bids on regn 1418. 9/9 RB 9/16 Fed Co further 10-3
200201	9-15	Darien	Arc bushings; further report on troubles with. W To-- Submit report on completion of alteration being made by Fed Tel Co. 9/30 Darien new type anoid installed 30th; working perfectly 10-31 (R)
200529	9-30	To S&A.	Reqt shipment audion detector and amplifier from Wash to Darien. W ~~To Darien--(1) Obtain site at Catun~~ ~~Advise on as to suitability, costs. 10/13~~
201332	9-28	Darien	Request steps be taken to secure land for distant control station. W To Darien--(1) Obtain site at Catun Advise on as to suitability, costs. 10/13 Darien (2) Army has reserved site chosen; request further advice 10/17
202253	10-13	Cone R	Transmitting clock; asks when will be received in operation. W To S&A--Reqt to know when all arr. parts completed. All reqt services of represent of Self Winding Clock Co. 10/17
202272	9-25	Darien batt to.	Installation will be shipt within next three weeks. 10/17 SEE BELOW Quarterly inspection. Fwd Dept--10/18 To--Install small fan to keep mosquitos out. Reqt ests for. 10/19
202253		SEE ABOVE Darien panel and chronometer recd 12-2 (1)	To Naven--Reqt one chronometer be transferred to Darien for use with time signal trans apparatus. 10/18

CAIMITO. 351

Number.	Date.	From or To--	Subject.	
203355	10/17	War Dept	Bills for repairs	808
203416	10-24	Observatory	Copy of instructions to NY and Capt of Port Christobal to supply chronometer to station.W	
203179	10/21	To Darien	Bu has instructed all yards to fwd copies of semi monthly reports to Darien	876
✓ 203504	10-25	Darien R	Asks audibility and wave lengths of as measured by Bu Sta dards.W To--Fwds copy of report. 10/31	
✓ 203834	10-28	Austin, Br. LW	Wave length test; gives results. W	
205401	11/13	To Darien	Reqt comment and detailed infor on breakdown of radio apparatus. W Darien submits reports on breakdown 11/23	
206201	11-11	✓ To Fed Tele Co--Reqt arrgts be made to return engine to Darien. Satis tested. 1/6 To--Instns. 11/28 Reports on test of defective Union Gas Engine received from..		
206291	11-17	To Darien--(T) Test show engine operated without circulating water NY Report engine never satis 11-25 (T) Ask for comment. 11/24 M Is further report 12/26 Fed Co. Gas engine; request instructions relative to returning engine recently repaired to Union Gas Engine Co. W To--Will be necessary to rebore cylinders and fit new piston rings. 11/28		

CARD 36

CAINITO:

1916

Number.	Date.	From or To—	Subject.	
✓189669	5-20 6-1	Panama Canal Y&D	& Colon; comments on recommendations contained in inspection relative to garbage incinerator, arc room, plate glass, etc. Fwd Y&D—Allets sum for 6/6	
190196	5-31	Darien	Reports on performance of atc set using hydrogen gas.W	
190282	6-9	Darien R	Request authority to purchase from Panama canal switches for new primary key.W To—(R) Purchase authorized. 6/9	
190382	6-10	Fed Tel Co T	Gas engine ready for test.W	
M Is Union gas engine ex-Darien; reports on test of 7/10			To—(T) Notify M. Is when engine ready for inspection. 6/12	
190336	5/25	War Dept	To M. Is—(T) Directs inspection: 6/12 Panama Canal bills; fwds for settlement	808
188155	6/17	Colon R	Reports on engines required Colon and Darien	808
191796	6-26	Darien	Money spent on towers will not exceed \$1700 up to July 1. W	
✓192258	6-12	Darien	Quarterly inspection.W To— Comments on. 7/18	

CAIMITO: 851

Number.	Date.	From or To—	Subject.
192552	8-27	Darien	Recommendations for location of distant control station. W
✓ 194421	7/21	Darien T	Request plate glass for operating building be expedited. W
✓ 194463	6/20	Western Elec Co	Experimental receiving set; relative to furnishing vacuum tubes to replace those burned out. W
✓ 195272	7/27	Fed Tel Co	Darien arc; fwda prints of proposed changes. W
183904		CARD 32	Darien (R) drawings received appear satisfactory; company says further changes being tried 8/11 To Fed Tel Co 8/22 To NY 8/22
197612	8-23	Washn	Experimental battery; work not yet begun. W To—Comments on. 10/11
197536	8-24	TO —	Re break down Reports on key trouble 9-6 Fwd Wash— 9/18 RB 10/11
✓ 198109	8-26	Washn	& Pearl Harbor; time signal control board; fwda plans. W
197887	8-28	To Darien (R)	Directions for test schedule 8-28 Darien (R) report on test 9-3 Darien (R) reports on audibility test 9/7 To—(R) Gives results Sunday test. 9/5 Darien 9-10 (T)

CALMITO:

Number.	Date.	From or To -	Subject.
183480	3-2	Darien Personal	Fibre bushings of arc not working well; suggests concrete; favorable report on Western Elec Co elec receiving set. W
183504	4-1	Supt Radio	Inventory of property. W
183668	4/4	Darien R	Transmitting clock arrived, ready to start installation but representative not here. W Darien (H) asks instructions 5-5 To (H) installation will be made after arrival makers representative. 5/8
183904	3/27	Darien SEE BELOW	Reports on trouble with arc bushings. W To Fed Tel Co--notes above; ask what steps necessary to eliminate troubles. 4/12 Fed Co agrees to undertake elimination of battery trouble 4-19 To Fed Tel Co--5/22
184164	4/7	To Fed Co (T) re wire number 5-6/8 At Coast Supt	Quarterly report of inspection. W Fwd Y&D--for plans and estimates. 4/15 RB 4/20
184747	4-19	To Darien.	Direct repairs to main key solenoid. W
185099	4-18	To Darien.	Fwds copy print and Executive order covering boundary of Darien station tract. W
185696	4-25	Darien R	& Colon; estimate for repainting towers; with recommendations. W Fwd Y&D--Bu will make allotment for repainting towers. 4/29 To NY--Prepare reqn for glass window. 6/5
185904	5-23	NY regn prepared 6-12, asks when plate glass window will be forwarded. 8/3 RB will be fwded by steamer 16th inst 8/16 SEE ABOVE	List items being purchase for spare parts for 100-K.W. arc set, W-R Fed Tel Co nearly completed 5-26 To Fed Tel (T) When may drawings be expected. 7/21 To Darien- Drawing will be fwd by Aug. 1st 7/24

CAIMITO 851

Number.	Date.	From or To—	Subject.	
185303	4/24	To Darien	Asks if audibility meter now at station	893-5
174957	2/9	Darien	Outline of radio work 1917-18; items which will require expenditures of over \$500	604
186752	5-4	Darien R	Request Western elec ultra union repeater bulbs. W To--Have reqtd shipment of bulbs from Wash. 5/6 To S&A--Reqtd for shipment: 5/6 To-- Darien reasons why should be furnished 5-17 To--Comments on 6/6	
✓ 187562	5-11	Self Winding Clock Co	& Honolulu; request action of a proposition for furnishing experienced man to supt installation. W To--Comments on 5/20 Company agreeable 5-22	
✓ 187754	?	?	Suggestions for material for insulators, bushings, etc. W	
✓ 188091	5-14	Crenshaw Personal	Relative to Darien and Kolster direction finder.	
✓ 188469	5-20	Darien R	Reqtd authority to experiment with hydrogen gas for use in arc chamber. W To--(R) Permission authorized. 5/24	
189106	5/17	Canal Zone	Fwds reqn for services of laborers, etc. fiscal year	808

CALLIO:

1916

Number.	Date.	From or To—	Subject.
180047	2-14 2-13	Air Dept S&A	Was bill for work on starters. Fwd S&A-- 3/4
180110	2-19	Darien	Transmitting set; was called on. S&A.
✓ 180542	3-2	Self Winding Clock Co	& Honolulu; both clocks ready for delivery; quotes price for sending man to Honolulu to install. W Cross to Honolulu
180624	2/18	Darien	Experiments with distant control; recommendations. W
181042	3-8	To Darien--(1) Construction base Darien best can be made by sta force 3-23 To--(R) Will supply new key; submit est. concrete base. 3/22 To Wash--with manual key. 3/22	auth. 3/25 Washm est 3-28 Reqt authority to transfer Colon's battery for use as float on key circuit. To--(R) Appears preferable supply new type key; can del very within two months. 3/18 Darien comments (R) 3-20 to S&A--3/23
✓ 181319	3-9 3-10	Weston Elec Co NY	Thermo ammeters; asks of right hand terminal grounds will be satisfactory; requ 12. Fwd 300 via S&A--will be satis. 3/17 Weston Co relative to ground on terminals 3-24
✓ 181704	3/15	To Federal Tel Co.	Darien reports trouble with fiber bushings used with 75 K.W. arc.; asks precautions that should be taken. W
181799	3-17	Darien;	Insulation main key solinoid; burned out; rewound in advance of Bureau approval. W

DAIMITO: 851

Number.	Date.	From or To—	Subject.
✓ 182099	3-11 3-18	WarDept Dept	All bills for work have been submitted except for concrete pillar for time clock. KW
182031	3-10	Darien	Reqt instructions on disposition of bad cells. W Fwd C&R— For comment and rec. 3/22 RB 4/24 To C&R—Boats now at Darien have been transferred to Colon 4/27
182747	3-17	Darien	Reports in detail on burning our 10" main feed sole-oid 100 kw arc set. W To Fed Tel Co—Quotes report on: asks as to repairs. 4/20 Fed Tel Co relative to: reqt Panama Canal make repairs 4/27 To—Auth make repairs. 5/8
✓ 182851	3-11	War Dept	Concrete pillar for time clock. WK
✓ 182804	3-L	Clark, Geo M	Submits estimate on present key and estimate for key suitable for station. W
✓ 182865	3-22	Fed Tel Co	Submits comments on condition of station in connection with furnishing new type key, use of hydrogen in arc signals, etc. Fwd Darien—4/3 RB comments 4/27
✓ 182957	3-13	Austin, Dr	Wave length experiments; conducted at Laboratory: report on/ W Fwd Darien—3/29 RB 4/13
183046	3/28	S&A	Fwds Canal bills 8 08
183199	3-26	Washn	Recommends installation of experimental battery to overcome insulation breakdowns. W Fwd Darien—Have retd shipment of 10/31 To—Auth vs estimates To S&A—Cost for shipment. 5/31

CALITO.

Number.	Date.	From or To—	Subject.	
175043	12-22	Darien	Reports on uncompleted and auth work.W	
175042	12-22	Darien	Washn carbon backed instrns 10-25	
		To Wash. -- Fwds instrns. 10/17	Relative to installation of time signalling apparatus.W	
		To Wash. -- Reqt estimates for	Fwd Nav Obser--For comment and rec. 1/25 RB 5/8	
		manuf time signal board. 7/13 RB 8/4	To Nav Obser--Fwds prints with instrns	
175530	12-28	Darien	covering proposed system. 6/7 RB 6/30	
			Reqt 10 garbage cans.W	
			To-- Purchase authorized. 1/7	
175858	1-8	War Dept.	Fwds bills. K	
			Fwd Darien--For certification. 1/12 RB 2/3	
			Fwd S&A-- Fwds appvd. 2/3	
176010	1-10	Paila	Hot wire ammeter received regn 12 not in	
	1-11	S&A	store; reqt instructions to purchase. W	
			Fwd S&A --Rec be purchased from Western Co. 1/17	
175992	12-28	Darien	Quarterly inspection report.W	
176763	1-21	Darien	Reqt authority to have Panama rewind 7 HP	
			induction motor which runs exciter.W	
			To--(T) Authorized. 1/21	
176887	1-22	To Darien.	Lists radio receiving equipment to be fur-	
		To Wash via S&A --reqt ship from Wash	nished station: asks what receivers now	
		To Darien 3/20	at station in excess available for transfer.W	
		To Wash via S&A--reqt shipment	Darien gives data on receivers 2-2	
177642	1/31	Darien R	Last shipment 36 ultra audion bulbs. De-	
			Forest. Unsatis; reqt shipment 36 more	898

CAINITO: 851

Number.	Date.	From or To—	Subject.	
177673	1-18 1-31	Panama Canal Y&D	Statement of expenditures.W	
✓ 177870	1-29 2-1	Self Winding Clock Co NY	& Honolulu; clocks are entirely completed; recommends be left at work until stations are ready to receive.W Fwd Brook 2/5 RB 2/8 Fwd Brook 2/5 Fwd NY-- 2/9	
177892	2-2	To Darien. (R)	Directs addition to regular tests. W Darien (R) reports 2-6	
178266	1-27	Darien	Fwd description of small changes and improvements made in arc set.W	
178815	2/ 11	To Darien	Wavemeter and receivers; asked disposition of 808	
178437	2-11	Darien	Recommends spare arc chamber be kept at all arc stations; have made minor alterations in set.W	
✓ 179351	2-17	Federal Tel Co.	Have rec'd shipment from Darien to Co. of the oil engine which has not proved satisfactory; rec'd satis oil engine be provided. W To S&A--Rec'd for shipment. 2/17 Darien report a shipment of oil engine 3-10	
179426	2-7 2-11	War Dept S&A	Bills for work. H Fwd S&A--Appvs. 3/3	
✓ 179464	2-18.	To Nav Intel.	Article by Dr. L.W. Austin, rec'd authority to publish. W Dept auth 2-19	
179655	2/10	Y&D	Cost of radio installation	808

1915

CAIMITO.

Number.	Date.	From or To—	Subject.	
170038	1 0/22	Darien	Western Elec receiving set used with long distance telephone experiments; fwds description of, states far superior to any receiving set at that station and requests be allowed to retain for permanent use	902
170357	10-25	Darien	Quarterly report expenditures. W	
170524	11/6	Fed Tel Co	Fwds a letter addressed to Bu SF dated Oct. 27, 1913, which was delivered to St. Hepburn personally and through error returned to Mr. Fuller. W	
170670	10-21	Carlson, C.A., Chief Engr	Radio towers: reqt auth to publish. C Fwd May Intel via V&B-Rad Ser--APPRs with omission. 11/12	
171586	11/10	Darien	Asks what disposition is to be made of burnt out audions and amplifier bulbs To--Instructions; (Sec 141818-PPR). 11/23	
171587	11/11	Darien	Submits list of deficiencies in furniture; urges tennis court. W	
171590	11/9	Darien	Asks if station will have to pay for new arc chamber furnished by the Fed Tel Co. W	
		To Fed Tel--Req't reply. 4/12	To Fed Tel Co--Req't check for \$438 to made to cover. 2/25	
171591	11/8	Darien	Wave meter, Marconi. Req't be sent Bu Standards for calibration. W	
			To--Will shortly issue wave meter to 11/22	

CAIMITO. 851

Number.	Date.	From or To	Subject.	
172049	11/9 11/22	Self Winding Clock C o S&A	Darien and Honolulu; clocks; gives reasons why extension necessary. W Fwd S&A--Reet extension. 11/25	
172205	11-12	Darien	Reports broken insulating brass at building outlet. W	
172195	11-16	Darien	Concrete pillar for self winding clock; work held up awaiting instructions and bolts. W To--Will reet shipment of bolts. 11/30 To--(R) pillar will be installed as soon as practicable. 11/30 To S&A-- Reet for shipment. 12/1	
172502	11-19	Darien	Reports insulators in excellent condition. W	
172733	11/19	War Dept	Fwds bills	8 08
173123	12-2 12-6	Crenshaw, Lt. RS Nav Intel	Reet authority to publish article on in Proceedings of Institute Radio Engineers. C Fwd Nav Intel via Subt Radio 12/14 Crenshaw fws copy for files 12/14	
173410	12-9	To S&A.	Reet shipment radio receiver telephone cords from Wash to Darien. W Was in no cords in stock 12-10 Fwd Was in 12-16 Darien (R) asks when cords will be recd 1-5 Fwd S&A--1/5 RB 1/10 S&A cords shipped by mail 12-28 1-13	
174230	nene	Cavite VOID		
174372	12-21	To Darien: (R)	How much of High Power appo work auth remains uncompleted and describe in detail by mail. W	
174578	12/23	Darien R	States have received shipment order stating transmitting clock and chronograph being shipped; received chronograph Aug. 2; no use for another. W To S&A--Reet shipment be cancelled. 12/28	

1918

CAIMITO:

Number.	Date.	From or To--	Subject.
✓ 166163	9-18	To Fed Tel Co.	Crack in 100-K.W. arc chamber: comments on. W Fed. Tel. Co.--reqt additional inf. re. 9/24.
166393	9/22	Grenshaw (R)	Have increased wave lengths by 2 turns: reqt report of wave length read. W To--(R) 6400 wave length. 9/23
166678	9/14	Grenshaw (Personal)	Rel to his detachment: reports on arc chamber; also fws copy of his article on the Canal Zone radio stations. W
✓ 166714	9/14 9/24	Grenshaw, Lt. S.S. Supt Radio	Radio stations, Canal Zone system: article on, for publication, V. Fwd Operation--10/5 Nav Institute will be pub 8-10 7-3
166705	9/25	Darien (R)	Reqd instrns. re accepting Panama Canal bid of \$50 for erection of foundation for time clock. W
167693	10-7	Grenshaw R	Reqd anode tips. W To S&A--Reqd shipment from Wash. 10/8
168106	10-1	Darien	Quarterly report inspection. W
✓ 168323	10-11 10-14	Panama Ry C&R	Bill for transportation 7 reels cable: Federal Co. refuse to pay: reqt Navy pay. W To Fed Tel Co 10-16 Fed Co 11-11
✓ 168572	10-6	Grenshaw	Fws report on crack in brass arc chamber transmitting. sak. W To Fed Tel Co--Quotes report on. 10/25 Fed Co. change in design will obviate 11-1

CAIMITO: 851

Number,	Date,	From or To	Subject.	
✓ 168700	10-19	Darien R	Reqt 36 ultra audion bulbs.W TO S&A reqt shipmt 10-20 TO -- (R) 10-20	
✓ 169101	10-23	Darien R	Rush delivery of 200 carbons for Federal Co apparatus.W to S&A--Reqt for shipment from Wash.10/25	
169136	10-23	To Nav. (Hydro Office)	Reqt distances in nautical miles from Darien and San Diego-San Fran-Great Lakes.W	
169427	10-29	Darien R	Loose leaf ledgers; reqt. Y	
169468	10-14	Darien	Lists apparatus required to complete equipment for primary system.W	
169759	10-27	Bd I&S	Quarterly report of inspection.W	
169756	10-27	Self Winding Clock Co	Cont 532; fwds prints, photos, and request extension of cont time.W Fwd May--For comment and req.11/4 RB 11/9 Brook copy of letter to 11-8 Fwd May Obser--11/10 RB 12/20 To--Take up with Inap Brook. 11/10 To Brook--Re extention of time.11/10 Crenshaw says telephone connection to receiver correct as given except certain polarity of battery. W	
		Company reqt extension 11-11 Fwd S&A--11/15 Brook fwds photos 12-14 Fwd Brook--12/29 RB 3/9/16		
169772	10-28	To Darien. (R)		
169789	10-29	To Darien.	General schedule of supplies; fwds. W	
169678	10/14	Crenshaw	Panama Canal bills for spark plugs, gaps	808

CAIMITO

Number.	Date.	From or To—	Subject.	
✓ 161229	7-21	Self Winding Clock Co	& HONOLULU; submits cost for sending expert to superintend installation of clocks. W	
		TO Company acceptable 8-27	To - consider each station separately	8-11
		To NY-- 8/31	To Darlen - quotes arrangements - report when ready for 8-11	CHID 35
		Have prepared reqn for services of export, 12/12 Co 12/14	Company quotes, etc 8-24	
161638	7/27	Grenshaw R	Asks when can inspect one kw motor generator. Fwd NY-- Asks when will be ready. 7/27 RB 8/3	
			To--(R) Contract place July 31; delivery 30 da s. 8/3	
6081	7/30	Brook	Req information relative to test of water sterilizing set for Darlen	629-1
✓ 162507	8/4	Grenshaw R	Western Elec receiver many times better than Austin's; Co reqt authority to leave set. W	
162676	7/25	Lt. Blankenship	Estimated time for completion (Personal to Mr. Hooper) W	
✓ 162677	7/13	J. W. Scanlin	Reports on conditions at Brownsville. 5 letters, personal to Mr. Hooper W	
162680	8/2	Fort San Houston T	Reports Brownsville maintaining regular schedule. W	
163061	8/10	Grenshaw	Req spares for arc chambers. W To M.I. (T) order arc chambers 8-11	
✓ 163149	8-2	Fed Tel Co	Asks if objection to publishing description in Proceedings of Inst. Nav. Engrs. C To - can quote article of Dr. Austin 8-11	
163192	8/1	Grenshaw	New steel towers; recommends employment of expert to make periodical inspection; recommends E. E. Saavy	808

CAIMITO 851

Number.	Date.	From or To—	Subject.	
✓ 163351	7-6	Crenshaw	& Balboa: fws Canal bills.W	
163433	7-30	Crenshaw	Personal letter re Crenshaw's relief, and fws curves showing transmitting tests. W.	
163372	8/6	Crenshaw	Fws Canal bills	808
163789	8/7 8/9	Panama Canal Y&D	Explains high estimate for time signal room in addition to storehouse. W Re: Y&D—estimates appd 8/21	
✓ 164153	8-19	Fed Tel Co.	Unsatis Union Gas Eng Co. engine: fws correspondence with Company. W	
✓ 16-7	8-24	To Darien—No further action will be taken. 2/19 on engine with recommendations for its disposal. involving changes in Balboa and Colon To Crenshaw	Ref. Crenshaw for report 8-24 AB with report Arc chamber casting - each. appvd. for new - submit estimate for repairs to old W	
✓ 164379	8-14	Crenshaw	& BALBOA: fws Canal bills.W Fwd S&A 8-27	
164976	9-3	Crenshaw R	Out of commission: cracked arc chamber.W	
164980	9-3	TO Darien	*porcelain and concrete bushings for arc generator; reqt report on	911
164672	8-10	War Dept.	Fws. bills	808
165635	9-11	Crenshaw R	Transmitter out of commission 24 hours from Monday; repairing cracked arc chamber.W	
165717	9-3	War Dept	Fws bills	808

1210

CAIMITO: RADIO

Number.	Date.	From or To—	Subject.	
✓ 157063	5-26	San Diego	Reports on tests with W	
✓ 156994	6-7	To L.P. Fuller. (R)	Mr. Yeeder says communicate with him at Biltmore on arrival. W	
✓ 157276	6-8	Washn	Recd variable condensers and loading coils sent to Caimito, be involved to. W To-- Appvs. 6/11 RB 6/21	
157249	6-3	Crenshaw	Transmitting set: reports on acceptance test. W	
✓ 157372	5-28	War Dept	Bills	808
157750	6-12	Self winding Clock Co	& HONOLULU: fws prints showing front and side pier construction for transmitting clocks. W To S&A-- sent for shipment. 6/21	
		To--Have recd shipment of 7/21	To--Recd proposal for installation of 6/24	
		Company sent Hepburn direct 6-25	To--Recd copy a over 6/24	CARD 37
		To--Re shipment of 7/9	To Darlen-- fws copy a over 6/24	
		Company asks return from ship 7-15	So far very little difference if any between grounded and ungrounded tower signals. W	
157973	6-15	To Colon. (R)		
158067	6-16	To Canal Zone.	Results of tests with Darlen; gives tabu- lated statement on: W Replies 6-24	
158404	6-19	Crenshaw	Spool of arc magnets burned out 15th; repaired by Canal force; spare also damp. W	
158402	6-12	Crenshaw	Fws. reqns. to cover services year 1916	'08
158781	6/14	Crenshaw	Wda bills	808

CADMTO: RADIO 851

Number.	Date.	From or To—	Subject.	
158888	6-25	Grenshaw R	Reqt instructions re shipping tools, etc. to Federal Tel Co. W Fwd S&A--Reqt arrangement be made for shipping. 6/28	
159039	6/14	War Dept	Fwds bills	808
159090	6-27	Grenshaw R	Reqt schedules of German and arc stations US for testing receivers. W Fwd Rad Ser-- 6/28	
159292	6-30	To Darlen. (R)	Discontinue daily tests; make written report of troubles. W	
159334	6/19	Grenshaw	Fwds bills	808
159358	7-1	Grenshaw R	If pedestal for transmitting clock to be in floor, prior installation should be made before floor is laid. W To--(R) Clock pedestal will be isolated from flooring in time signal room. 7/1	
160107	7-9	Grenshaw R	Arc in good shape to continue any test and handle regular traffic. W	
160949	7-19	Grenshaw R	Gives panama Canal estimates for signal tower and addition to store house. W Fwd Y&D-- For comment. 7/19 BB 7/22	
161121	7-21	Grenshaw	To--(R) Now under consideration. 7/24 Ready to start test; only trouble dampness arc magnet spools. W	

1915

CALIFORNIA RADIO

Number.	Date.	From or To—	Subject.	
155106	5-15	M. Is T	Asks if San Diego is to continue sending for test purposes. W To Colon--(R) Do you desire continue sending schedule to Darien. 5/18 To--(R) Test may be discontinued. 5/19	
✓ 155191	4-30	Cooke, Civil Eng. F.H.	Reports in detail on expenditures. K	
155732	5/10	MAYRANT	Lists official publications being returned while vessel is out of commission. M	
155353	5/17	Y&D	Fwds report of board on changes, contract 1948, Penn Bridge Co., for radio towers. W Fwd Dept--Rec appvl of. 5/21	
155400	5/19	Darien Cablegram	Estimate for construction of boat house. W To--(R) Appvs. 5/20 To Y&D-- Have appvd. 5/22 RB 5/26	
✓ 155406	5/11	Crenshaw	Panama bills; also for Balboa and Colon. W Fwd S&A-- 5/1	
155553	5/18	Crenshaw R	Dr. Austin sailed, to arrive NY 24th. W Fwd Dept--	
155791	5/12	Crenshaw	Fwda bills	850
155932	5-25	Y&D	Copy of letter to Penn Bridge Co. covering additional work amounting to \$10298. inc. W	
✓ 156078	5-15 5-21	Fed Tel Co M. Is	Reports on Arion test. W To Colon--(R) Inform Muller Veeden in Wash; does Muller propose returning. 5/27	
✓ 156145	5-27	Y&D	Copy of letter Penn Bridge Co. relative to additional reinforcement column joints. W	

GAILITO: RADIO. 851

Number.	Date.	From or To—	Subject.	
✓ 156124	?	War Dept	& BALBOA: COLON: fwds bills: includes \$16,000 for Darien for erection work. W Fwd S&A-- 6/3	
✓ 156330	5-22	Federal Tel Co.	Honolulu reports no results Darien test May 15-21. W	
156349	6-1	Crenshaw R	asks if Bu desires additional test before Fuller's departure June 30th. To--(R) Further tests can be carried on after Fuller leaves. 6/1	
156381	6-1	Crenshaw R	Gives results of Sunday test: Fuller reqt results before sailing. W	
156382	5-29	To Colon. (R)	Will take readings on your tests Sunday at NBS and NAA. W	
156392	6-1	To Colon. (R)	Gives results Sunday tests. W	
156500	5/25	Crenshaw	Fwds Canal bills	808
156571 VOID	6-3 6-3	Phila Dept T	Requirements 10 days main engine repairs. Y	
156570	6-2 6-3	Washn Laboratory Washn	Loading coils and variable condensers: taken by Dr. Austin kept by Station Reqd be invoiced. To Wash--Auth transfer of. 6/4	
156590	6-3	Crenshaw R	Reports on tests Monday. W	
156594	5-3	To Colon. (R)	Gives schedule test. 6/3	

191.

CAIMITO RADIO

Number.	Date.	From or To—	Subject.	
✓ 153101	4-23	Austin T	Suggests 6,000 wave meters: recommends final sending and receiving tests be carried out in fore noon. W	
153274	4-26	To Colon. (R)	Gives schedule of test with Darien. W	
153487	4-29	Grenshaw T	Reqt Arlington listen in Thurs 9:30, 8000 meters. W	
153610	4-29	Grenshaw	Arrgt for test M. Is and Arlington. W	
153837	5-1	To V. Is. (R)	Gives schedule of Darien: inform Federal Tel Co and reqt them observe at PonoJulu. W M. Is will so do 5-4	
153945	3/11	Panama Canal	Status of work at station	808
154143	5-4	To Colon. (R)	Inform Fuller Yeader at present in Wash: when does Fuller intend finish work at Darien. W	
154054	4/28	War Dept	Fwds bills	808
✓ 154111	5-5	Fuller. R	Will remain several weeks on account of delay in receiving freight. W	
154110	5-5	Grenshaw	Auxiliary load from exciter of Lowenstein set used for gap coil:	

CAMITO: RADIO 851

Number.	Date.	From or To—	Subject.
154109	5-5	Crenshaw R	Boat house pontoons sprung leak: reqt permanent fitting of house W To--(R) Req estimate for. 5/5
154362	5-7	Austin. R	Req Laboratory station make audibility readings daily: reports no difference in towers capacity. W
154363	5-7	Crenshaw R	Wave changing switch not satis: does bread insist on. W To--(R) Submit comment to guide Bu in manu improved switch. 5/7
154364	5-6	Crenshaw	Req Honolulu, South City, San Fran, Arlington and Laboratory make shunt tests on Sunday: W To M.I.--(R) Quotes above radio. 5/7
154471	5-8	Crenshaw T	Suggested schedule for Sunday May 9.W
154519	4-30	Crenshaw	Cleaning up grounds, etc. Recommends Panama Canal do work. W
154683	5-11	Crenshaw R	Reqt winches be expedited.W
154758	5-11	M.I. R	Reports receipt of Darien signals also at San Diego. W To Colon--(R) Gives results of. 5/13
154884	5-13	M.IS T	Darien signals: audibility 5. W To Colon-- Quotes above. 5/14

1915

CAINITO: RADIO

Number.	Date.	From or To--	Subject.	
150746	3-27	Ad Tel Co	Fuller leaves for Darien Mon. 31: rect motor be not turned over until arrival. W. To--(R) Darien instructed as rec'd. 3/27 To Colon--(R) Rect generators be not turned over until arrival on Fuller: 3/27	
150793	3-27	To Tuckerton. (R)	Darien reports Tuck 5.35 pm schedule weak during last few days. "	
150976	3/20	Crenshaw	Fwds Canal bills	808
151098	3-23	Crenshaw	Has moved headquarters to Darien. W.	
151192	4-1	Supt Radio	Darien will be headquarters for radio officer Canal Zone. W.	
151447	3-26	Crenshaw	Rect. a. proval of estimate \$600 for constructing tennis court. W. Fwd May-- No funds available under Bu: rec be allowed. 4/22	
151475	3/25	Crenshaw	Fwds bills	808
151634	4-15	Washn	Variable condensers taken by Dr Austin to Darien; rect authority to mfg 5 to take place of. W.	
151702	4-7	Crenshaw	Antennae adjusted; sags 10' Recommends be stretched 10 days before final adjustment. W	

851 CAIMITO: RADIO:

Number.	Date.	From or To—	Subject.	
151924	4/9 4-9	From Dr. Austin R To Colon. (R)	Reqt information given below.W Arlington will send same wavelength from 5 to 6.30 pm for 3 days commencing 10th.W	
151867	3/23	War Dept	Fwds bills for work done	808
152248	4-1	Crenshaw	16 HP kerosene engine; reports on operation.W To--(R) if engine unsuitable; report basis for rejection. 4/26	
152282	4-14	Austin,	Reports on results of test with Arlington.W To Colon--(R) Schedule testing 4 days wave length 6 thousands 75 hundred, 10 thous will commence April 17th. 4/16	
152288	3-30	Austin, Dr	Reports on ditto	
152362	4-7	Crenshaw	Submits proposed changes receiving circuits.W	
152369	4-7	Crenshaw	Station grounds; reqt authority to employ foreman and gang laborers to clear up.W Fwd Dept--rec employment be auth. 4/22 RB 4/27 Crenshaw reqt action 4-23 To--(R) Dept requires statement, proposed rates pay for. 4/26 Fwd Dept--5/10	
152546	4-17	Austin R	Reports on results of test with Arlington.W To--(R) Fuller due arrive 18th. 4/17	
152778	4/20	Crenshaw R	Fuller arrived; reqt M Is. Honolulu arrange testing schedule.W To M. Is--(R) Gives schedule. 4/20 RB 5/5 Fwd Dept--Re non receipt of radio at M. Is. 5/5 RB 7/10	808
152822	4/7	War Dept	Fwds bills	
153041	4/10	Panama Canal	Estimate for installing lightning protection	808

CAIMITO: RAD IO

1915

Number.	Date.	From or To—	Subject.	
148960	3-6	Crenshaw R	Dr. Austin arrived: all material here except antennas yoke and masts.W To NY--(R) Asks if material has been delivered: asks probable date shipment. 3/8 NY--(R) Will ship 3/10/ 3/12 To-- (R) Will ship Esh. 10/ 2/12	
149191	3-9	D&D	Additional tie rods will involve additional cost of \$3,000: have authorized.W To-- Comments on. 3/12	
✓149479	3-12	Dr. Austin R	Suggests test signals from Tuckerton, Arlington and San Diego. W To W. Is--R Desire San Diego send test schedule to Darien station. 3/12 To Colon (R) Arlington recd to send for test 3/12	
✓149570	3-13	De Austin R	Reports hearing Arlington, Ellvase, and Nahen.W	
149684	3-13	W. Is	Will commence test schedule Tuesday Necessary to install additional antenna inductance.W To Colon--(R) Gives schedule test. 3/15	
149600	3/2	War Dept	Fwd Panama Bills for work done	808
149756	3/15	Dr. Austin R	Intercepted instrns to San Diego to start schedule 7 P.M., Pacific time: recommends be changed to 4 P.M., Washington time.W To W. Is--(R) Desired conduct schedule between 1 & 2 pm Pacific time. 3/16	

CIMI) CAIMITO: RADIO. 851

Number.	Date.	From or To—	Subject.	
✓150046	3-17	Navgn	Ads specs of transmitting clocks for time service. Quotes price.W	
150169	3-20	Grenshaw R	Radlen tests; reports on; reqt number of head telephones. W. To--(R) Set Baldwin phones shipped today. 3/20 To S&A-- Reqt for shipment. 3/20	
✓150170	3-20	Austin, Dr. R	Reports on Arlington, Tuckerton and San Diego; not heard; asks if Guantanamo using arc. W. To Colon--(R) Arc set Guan not yet in operation 3/20	
150353	3-23	Grenshaw R	Tube hoists and antennae vokes arrived; will hoist Apr 1; asks when Federal engineer will arrive; reports on test.W To--when do you expect Darien ready begin transmitting. 3/25	
150338	3/11	Y&D	Status of work up to Feb. 28th	808
150447	3-24	Grenshaw R	Beale left Isthmus; Jan 28; recommends company send engineer Apr 1. W	
✓150445	3-25	Dr Austin	Arlington readable; Tuckerton weak; San Diego none; reqt Tuckerton send on arc schedule. W. To Tuck--(R) Gives Darien call letter. 3/25 To Tuck--(R) Gives schedule. 3/25	
150738	3-16	Grenshaw	Submits estimate for constructing laborers barracks, etc.W	

CAI ITO: RADIO

915

Number.	Date.	From or To--	Subject.	
145795	1-29	Crenshaw R	Ready for receiving tests now; ready for sending set Apr 1 with certain exceptions.	W
145919	1-30	Y&D 1948	Secondary transformers; fws letter from Acting Inspector Panama Canal asking time of delivery 2/2. PD 2 22 Fwd S&A-- 2/2 Fwd Y&D-- 3/1	
146006	1-28	Housmann, F.M.	Asks name of Federal Tel Co. Supt. W. To--Gives address of. 2/3	
146076	2-1	Y&D 1848	Supporting cables for antennae; print.W To Crenshaw--Gives modifications in antenna suspension. 2/8	
146470	1-28	Crenshaw	Fws voucher No 4 in favor of Federal Tel Co.K	
146569	2/6	Locke Insulator Co	Will furnish yokes for cable strings on insulators in parallel; fws print and offers to supply for Darien	911
146691	2-5	S&A	Canal bills for work at. & Colon, Balboa.W Reta via Y&D & M&J-- Fws. 2/25	
147251	2/4	Inspector at Colon (Y&D)	Reports status of work Jan. 31	808
147170;	2-13	To NY.	Reqt jars and racks be shipped to Darien.W To Caimito--Notifies of shipment of. 2/13 To S&A-- Reqt for shipment. 2/13	

/CAIMITO:R/D IO. 851

Number.	Date.	From or To--	Subject.
147221	2-5	Crenshaw	Reports--a Recommends erection of building for elec light stowage, laborers barracks, quarters for married operator, etc. W
		Fwd Y&D--Appvs estimates. 4/13	To--Y&D-- For estimates on. 2/16 RB 4/26 To--Y&D retd to est on work. 2/16 To--Y&D--Comments on est of Y&D and that on Canal Zone. 3/25 RB 4/6
147347	2-16	Crenshaw	Gives list of ultra audions, etc. available for use of Dr Austin at Darien. W To--(C) Asks amount material on hand. 2/15
147460	2/17	Crenshaw R	Antennae insulator not arrived; reqt date hoisting motors left NY. W To--(C) Shipped 17th. 2/19
147494	2-17	To Wash.	Reqt five variable condensers be prepared for shipment to Darien. W To S&A--Reqt for shipment. 2/18
147495	2-17	To Hydro Office.	Reqt be informed of the distance between Darien and certain other stations. W Hydro gives distances 2-20
147735	2-19	To NY.	Have directed shipment of 36 insulators and 8 connectors to be shipped to Darien; asks what steamer the electric hoists can be shipped on. W To S&A-- Reqt for shipment. 2/19 Pitts shipped 2-27 Fwd NY-- 3/4 RB 3/12
147831	2-20	Crenshaw R	Can rig pendant for insulators; reqt shipment be expedited. W
147911	2-20	NYA Feb 17. W	Reports shipment of insulators and connectors
148303	2-19	Crenshaw	Reqt Bg make reqn for sterilizer. W Fwd Y&D--Reqn reqn be prepared. 3/2 Y&D Incinerator; fws reqn 5-28

CAIMITO: RADIO

1914

Number.	Date.	From or To—	Subject.	
✓ 137753	10-10	Crenshaw	& BALBOA: Colon; understand lightning switches will be shipped complete from NY; also recd details of grounding switch to be installed at Darien. W	
137992	10/26	S&A	Fwds invoices from Panama Canal; asks appro chargeable	808
✓ 138267	10-30	Solicitor	Fwds copy of Executive order establishing reservation and prints of same. W Fwd Hydro Office-- 11/16	
138366	10-23	Crenshaw	Voucher No 3 In favor of Fed Tel Co. Fwds. K	
21084	2 P	Pitta	Milling machine for Darien; fwds motor test sheets	629
✓ 139199	11-10	To S&A	Recd shipment of radio material from Wash Yd to Canal Zone. W	
140100	11-20	Y&D	Radio towers; re insulation of. W Fwd Y&D-- Comments / 11/23	
140102	11-21	Y&D	Re: actual weight of towers results in increased contract price of \$401. W Fwd Dept 11/23 1914 Fwd Y&D--12/2	
141261	12-4	Crenshaw	Recd Bureau purchase safe for. W Fwd S&A--Recd be furnished. 12/10	
141262	12-4	Crenshaw	Recd 14" wherry. W. Fwd C&R-- Recd appvl. 12/5	

CAIMITO: RADIO. 851

Number.	Date.	From or To—	Subject.	
~~141298~~	~~12-3~~	~~Great Lakes Train Sta~~		
142979	12-15	Grenshaw	Fwds bills	308
143998	12-31	Grenshaw	Proposed scheme for time service. W Fwd Nav-- for comment and rec. 1/11 #b1	45
143999	12-30	Grenshaw	& BALBOA: bills for furniture. W Fwd S&A-- Apvs. 1/21	
144001	12-30	Grenshaw	Equipment required for time service. W. Fwd Nav-- for comment and rec. 1/12 #b1	48
143668	1-16	Grenshaw R	When will hoist motor for towers arrive W To--(R) Should arrive end of Jan. 1/16	
145214	1-21	T&D	Fwds progress photos; also for one for Colan. W	
22205	1/18	Carlin, & Sons, THOS.	Hoists; rect information on renewable com- position linings for shaft bearings	629
145597	1-26	To Colon. (R)	Keep Bu informed weekly progress work at Darien; when do you estimate ready for test; desire order Dr. Austin to be present two weeks prior to opening W	
145794 VOID	1-29	GE T	Generator ready for shipment; asks if motor starter shall be shipped the arton of Arlington. W.	

CAIMITC: RADIO

1914

Number.	Date.	From or To	Subject.
133116	8-26	Y&D	Elec hoist for towers; fws reqn. W
133115	8-27	Y&D 10730	COLON: BALBOA; fws report of Civil Engr hook on status of work with photomaphs. Y To Insp Pitta-- Fws photos. 8/31 to 9/2
133374	8-20 8-24	Fed Tel Co. Crenshaw	Voucher No. 1; comments on bill. K To Y&D-- Fws bill for preparation of voucher. 9/1 To -- Instructions. 9/3
133480	8-24	Crenshaw	COLON: lists expenditures and recommends that 808 all previous authorizations be cancelled and lists submitted approved
133663	9-3	SEA	States voucher in favor of Fed Tel Co. was forwarded without certificate; recommends certificate be prepared and signed by an officer o bureau to save time. K
134059	9-9	Y&D 1948	Fws original and memo copy of voucher No. 2 for signature of company; Fed Tel Co. K To Fed Tel Co-- For certification. 9/10 Fed Co returns vouchers certified E-14
134500	9-9	renshaw	Submits place for supplying current to operate station pending installation of generators. W. To-- Appvd. 10/3
134548	9-9	Crenshaw	Ground plan; fws proposed W

CAIMITO: RADIO. 851

Number.	Date.	From or To—	Subject.
✓ 134827	9-18 9-19	Panama Canal Y&D	Reqt Bu representative be detailed to Isthmus in con. action with. immediately. W To Crenshaw-- (R) Confer with C.E. Cooke re inspection of material. 9/19 To Y&D-- Informs Grenshaw has been detailed for duty. 9/21
134818	9-19	To Crenshaw.	Fwds information in connection with in- spection of material under Y&D contract 1948. S
135653	9-30	Y&D	Reqt board be appointed to determine increased cost for additional away rods to towers. W Fwd Dept-- 10/3 RE 10/3 app'd Fwd Y&D-- 10/8
✓ 136100	9-12 10-5	Panama Canal Y&D	Elec distribution system; fws proposed plan. W Fwd Y&D-- Comments. 10/12
✓ 136273	10-7	Crenshaw R	Reqt early approval of proposed grounding system. W To-- (R) Appvd with modl. 10/8
✓ 136487	10-9	Y&D 10730	& COLON & BALBOA. reports progress of work. W
✓ 136828	10-3	North Western Elec Equip Co.	Reqt further information re radio panel required. W Fwd Y&D-- For rec. 10/15 10/20 To-- Comments. 10/23
✓ 137126	10-16	Y&D 10730	Fwds print of site. W.
✓ 137749	10-17	Crenshaw	Steel for towers: submits itemized list of defects. W Fwd Pitts-- For comment. 10/27 rh 11 13

CAIMITO: RADIO.

1914

Number.	Date.	From or To—	Subject.	
✓ 130540	7-16 7-17 7-22	War Dept Dept Supt Radio	Fwds copy of proposed executive order setting aside ~~area~~ area of land for Darien for Naval Radio station.W To War Dept (Secy's sig.) Ack. 7/23. Ret Dept. 7/23.	
130910	7/25	Y&D	Fwds photos showing progress of work	808
130947	7/27	To Canal Zone & S&A (R) to NY. defer shipment of wire. 8/5 Fwd S&A. 8/18.	Ground system; request shipment of 100,000 ft. #10 soft copper wire and 250 ft. strip copper. Bureau will not prepare detail plans of system; request rough sketch of tentative lay-out.W Crenshaw (T) 100,000' wire on hand 8/5 To S&A. request shipment be deferred. 8/5 8 18 NY (T) shipped June 13 8-5	
131254	7-30	Y&D 1948 Fwd Pitts-- 10/6 10 22	Material for towers; contact surfaces were not painted before assembly; rust has already taken place in joints.S Fwd Pitts. for comment. 8/3. & it Ret-- request Civil Engr make specific report. 8/20. Fwd 10. 8	
131337	7-13	War Dept.	COLON & - bills for services	808
131439	7-27	Fed Tel Co	30 kw arc sets; fws plan. W.	
131440	7-27	Fed Tel Co	Fwds plan of arc sets. W	
131731	?	Canal Record	Description of building of 600' towers.W.	
131698	7-27	War Dept.	Fwds. bills.	808

CALITO: RADIO 851

Number.	Date.	From or To--	Subject.	
131789	8-5	Solicitor 21393-182	Executive order setting aside land for use of Radio station. W. Fwd Dept. request prints be obtained from Canal Commission. 8/10.	
132082	7-8 8-11	M. Is Y&D	Fwds report of material shipped. W.	
132470	8-6	Crenshaw	Recd quarterly allotment for small repair To---appd 8/18.	Jobs. W
132468	8-8	Crenshaw	Porto Bello withdraws record. to move building to	831
✓ 132598	8-13 8-14	Toledo Bridge & Crane Co Pitts	Company comments on report of Civil Engineer on steel work; states criticism not based on specs under which material was manufactured. W.S. Fwd Y&D 8/20. S al Fwd Pitts--8/31. S al	
132657	8/20	To Federal Telegraph Co.	Forwards voucher No. 1, covering contract 1948-B for radio apparatus. for certification and return. K Fed Tel returns signed voucher 8-25	
132657	8-20	Y&D	Fwds voucher No. 1 in favor of Fed Tel Co. cont. 20719. K To--- Returns voucher. 8/31	
✓ 132712	8-14 8-20	Toledo Bridge & Crane Co Pitts	Claim that all steel parts were painted as required by specs. S Fwd Y&D--for their information and return to this Bureau 8/21. S al Fwd Pitts-- 8/31. S al	

CAIMITO: RADIO

1914

Number.	Date.	From or To--	Subject.
✓ 128639	6-24	Fed Tel Co.	R.R.Beale authorized to certify as to correctness and non-payment of all vouchers for. W To---Ack---To Canal Zone. Fwds copy--- Fwds S&A. 7/1.
✓ 128779	6-29	GE	Wireless material for: fwds test reports on motors. SW
✓ 128826	7-2	Grenshaw R	Boat house to be erected at: boats invoiced to Colon: will transfer charge. W
✓ 128906	7-2	Fed Tel Co T	South City & Honolulu: unable to test Sunday. W
✓ 129124	6-30 p	Fed Tel Co	Fwds schedule of prices for power equipt. W To---satisfactory. 7/9 To Canal Zone. Fwds copy. 7/9
✓ 129276	7-12 7-6	Fed Tel Co. Dept 26816-18	Reqt extension time. W Fwd Dept. rec modification of contract. 7/8
✓ 129634	7-11	Fed Tel Co	Relay key and Poulsen-Federal arm: fwds photos. W
✓ 129658	7-8	M. Is 6915	Reports inspection of material. W To S&A flats material inspected and shipped 7-15
✓ 129530	7/11	To Federal Tel. Co. R	Sunday schedule: same as for June 28th. 7/11

CAIMITO: RADIOM851

Number.	Date.	From or To—	Subject.
129704	7-7	Fed Tel Co.	Darien & 30 kw set contract; rect/ clearing up of certain points re motor generators, transmitting apparatus; especially chopper for Darien. W To---comments. 7/21. To Canal Zone. fwsd copy of letter of 21st. 7/23.
129706	7-11	Solicitor 26816-E.18	Supplemental contract dated June 11, 1914 Fwsd 6 copies. W To Canal Zone. fwsd copy. 7/14.
130072	7/16	Federal Tel. Co. T	Reports on Arlington test July 12th. W (T) to---report 12th Inst 7/17
130168	7-7 7-17	War Dept Dept	Reports appt of Major E. Russell, Signal Corps; as representative to confer with Navy re radio stations Panama Canal Zone. W Ret Dept. with letter for Secy. sig. 7/20.
130437	7-16	Fed Tel Co.	Rect use of insulating materials other than those specified in cont be approved. W To---7/29 To Canal Zone---fwsd copy of letter sent to Fed Tel Co. 7/29 (T) to---expedite instrns operation 30kw arc sets 8/8
130548	7-22	Y&D	Steel work for towers; fwsd supplementary report from Civil Engineer Cook; stating that condition of material would warrant its complete rejection. WS Fwd Pitts. 7/24. 8/14 Fwd Y&D. 8/20. 8 81 Fwd Pitts. 8/31. 8/18
130539	7-22	Fed Tel Co T	South City can test full power Sunday; suggests schedule. W (T) to---Ack. 7/23.

CAINITO: RADIO.

1914

Number.	Date.	From or To—	Subject.
127228	6/12	Y&D	Darien; fwsd photographs showing progress. W
127341	6/13	S&A	Fwsd Panama Canal bills for service rendered. W Fwd Y&D 6/15
127498	6/5	GE T	Darien; material being furnished by GE Co. has been boxed ready for shipment for two months but not presentable for inspection. Desire to ship from NY June 20th. Will require three weeks to unbox and inspect. Recommends certified copies of test records be accepted. W To (T) shipment authorized; inspection after delivery; fwd certified copies test records 6/16
127504	6/8	Crenshaw	Requests authority to built boathouse. W (Info) Asks if to be erected at Darien or Colon 6/17 Fwd Y&D. 7/3rb 88
127517	6/3	Crenshaw	Darien; fwsd bill for supplies. W Fwd S&A. appd. 6/17.
127663	6/12	F&D Tel Co	Neither South City nor Honolulu able to test June 14th; New Orleans and Great Lakes ask point of delivery power machinery for 30 kw sets. W. (Confirmation of a telegram not received) (T) to---accept delivery at NY yard. 6/17.
127690	6/12	Federal Tel. Co.	Darien; Fwsd copy of letter addressed to Secy of Navy requesting that date of contract be changed from June 17 to some time in Sept. Equipment inspected by Lt-Comdr Sweet as being shipped on steamer sailing June 20th; G.E. instructed to ship. Resident inspector will leave June 16th. W

CAIMITO: RADIO. 851

Number.	Date.	From or To—	Subject.
✓ 127791	6/19	Federal Tel.Co. T	Engr R.R.Beal sailed for Panama June 16th; South City and Honolulu unable test Sunday.W
✓ 127880	6/12	Crenshaw	Darien; requests seeds and plants for improving ground.W To Radio Officer, Canal Zone, etc.—6/22
127912	6/19	Y&D Retd.—6/24	States material delivered by Federal Tel. Co. has been stored at Mt Hope.W To Fed Tel Co—material stored at Mt. Hope; not subject to storage charges; awaits removal orders from your represen- tative on the isthmus 6/24
✓ 128022	6/22	Y&D	Darien; steel work for towers; reports on inspection of.W To Pitts.fwds paper.6/30.
✓ 128038	6/12 6/20	War Dept. S&A	Pitts returns Y&D complaint with statement from Asst Insp'r M.I.Greely that structural work first class job,etc. 7-8 To—fwds copy Pitt's letter.7/10. Darien, etc; fwds bills Canal Com.for mis- cellaneous supplies.W Fwd S&A via Y&D 6/23rd 3 30 Ret S&A.6/29.
✓ 128067	6/18	Federal Tel.Co. Fed Co. print quoted shows contour; 7-16	Darien; request additional plans of power- house.W To—6/24 Fed Tel Co. drawing 3535 should be lay-out of conduit for power house; 6-20 Fwd Y&D.7/8 7 10 To—Bu has no other Fwd bill for electric current print.7/11 808
✓ 128125	6/16	Crenshaw	
✓ 128422	6/26	Federal Tel.Co. T	Requests schedule for Sunday Honolulu and San Francisco.W (T) to—gives schedule.6/27.
✓ 128616	6-24 6-29	War Dept Dept	Panama Canal Zone; reqt. data on Darien, and other stations to be erected by Navy in connection with Coast Defense System. W To War Dept (Jacy's sig.) gives data.7/2.

CAINITO: RADIO.

1914

Number.	Date.	From or To—	Subject.
✓ 126485	6/5	Federal Tel.Co. T	DARIEN: requests instructions relative to shipment of material in order to meet date of completion of towers in Sept. Asks how much time will be required for partial payments on deliveries made before shipment as compared with payment after delivery at Darien.W To—6/5
✓ 126486	6/29	Federal Tel.Co. T	Schedule arrangement for May 30th.W
✓ 126430	6/3	To Fed Tel Co T	Results test last Sunday.W
✓ 126546	6/4	Y&D	Darien: request Federal Tel.Co. send representative in order to settle details affecting contract in Panama Canal force(?).W Revd. 6/6
✓ 126675	6/6	Federal Tel.Co. T	Schedule for Sunday W
✓ 126752	6/6	Y&D	Darien: fwsd print showing details of antenna and supporting cable.W
✓ 126551	6/6	To GE	Y&D contract 1948-B, wireless outfit for Darien, instructions re inspection.W
✓ 126673	6/6	To Mars Island	Instructions reinspection of material for Darien radio station.W

851

CAIMITO: RADIO. 851

Number.	Date.	From or To--	Subject.
✓ 126680	6/6	To Fed Tel Co	Bn. closed on Sun days. telegrams sent from San Fran re tests with Arlington likely not to receive attention until following Monday: when inconvenient to telegraph before Saturday, direct to Arlington Station, which is continuously open.W
✓ 126859	6/8	Federal Tel.Co.	Gives data re tests held June 7th.W
✓ 126860	6/8	Federal Tel.Co. T	Apparatus at our factory Palo Alto should be inspected this week in order to allow time for boxing and shipping by steamer sailing June 20th. W (T) to -- results of test 7th. 6/9 (T) To W.I.s. instructions re inspection. 6/9.
126919	6/8	Federal Tel.Co.	Darien: discusses grounding switch, insulators, delay on towers; anchor bolts. Recommends sending one of their air operators to Arlington during tests.W To Y&D 6/10 To -- replies 6-18
✓ 127046	6/10	Federal Tel.Co. T	Darien: Lieut. Comdr. Sweet will inspect apparatus June 11th. Requests he be awarded instructions to inspect 30-kw set also.W To (T) 6/11 To Sweet (T) -- inspect 6/11 To M.I. 6/12 M.I.s recd copy of cont. 7-30 To M.I.s. recd copy of contract. 8/11.
✓ 127171	6/11	Federal Tel.Co. T	First 30-kw arc set ready; shall be shipped to Washn yard.W To (T) -- earliest shipment desired 6/12

CAIMITO: RADIO.

1914

Number.	Date.	From or To—	Subject.	
✓ 124875	5/14	Federal Tel. Co. T	Reports on test South City May 10th. W To--prefer separate receiving sets 5/14 (T)	
✓ 125036	5/16	Federal Tel. Co.	Will meet Schedule Sunday. W	
✓ 125162	5-18	TO Fed Tel Co	Reports on results May 17. W	
✓ 125249	5/19	Federal Tel. Co. T	Reports on test South City, Honolulu. W To (T) -- Drags Darlen transfer switch fwded; can supply Boat & Guantanamo using mercury rectifier 5/21 To 5/21	
✓ 126352	5/20	Y&D	ASPs in the motors at are star or delta connected. W TO -- (T) asks 5-22	
✓ 125405	5/16	Federal Tel. Co.	Encloses schedule of prices for complete radio equipment. W fwd Sept 5-22	
✓ 125529	5/22	Federal Tel. Co. T	Schedule for next Sunday. W TO (T) 5-25	
125567	5/22	Colon	Pwds bills	808
125635	5/23	NY 3335-35	Darlen: submits estimate for manufacturing aerial; antenna, etc. W fwd Sept 5-25 To 5/6	

CAIMITO: RADIO. 851

1914

Number.	Date.	From or To	Subject.
✓ 125682	5/19	Federal Tel. Co	Darien: antenna and wave changing switches; fwd's photographs. W
✓ 125717	5/25	Federal Tel. Co. T	Results of tests May 24th. W TO -- satis 5-27
✓ 125719	5/25	Federal Tel. Co. T	Darien: requests inspection of radio equip- ment San Francisco in order to make shipment. steamer sailing June 2d; also requests pay- ments be expedited. W Tito -- suggests ship apparatus now ready to Darien and collect partial payment. 5/29.
✓ 125720	5/25	Federal Tel. Co. T	Darien: all motors Delta connected. W TO Y&D 5-26
125790	5/25	Y&D 10730	DARIEN: recommends authority to expend \$1200 for concrete storehouse; submits plan. W Fwd Dept. request auth. to proceed with constrn. 5/28. Fwd Y&D 6/6
✓ 125820	5/20 5/27	War Dept. S&A	Submits bill for clearing ground. W Ret S&A via Y&D. 5/29.
✓ 126259	6/2	Fed. Tel. Co. T	Results Sunday test Point Loma, South City, Honolulu. W

CAIMITO: RADIO

1914

Number.	Date.	From or To—	Subject.
123549	4-21 4-27	Panama Canal Y&D	Status storage of Fed Tel Co. material may entail additional charges. W (T) to Fed T. Co. advising: asks what pro- cedure desired. 4/30. Ret. Y&D. rec storing at Darien. 5/6.
123777	4/24 4/30	Engineering News Dept.	Towers for; requests drawing, specfns, etc. W Fwd Y&D. 5/1.
✓ 123800	4/30	To Fed. T. Co.	Instructions for Sunday (May 3d) schedule. W
✓ 123859	4-27 4-30	War Dept Dept	Furniture available for purchase from Canal commission; quotes report from Army board showing quality of ice, etc. W Ret. Dept. no more furniture for Darien is required. 5/2.
✓ 123881	5-1	Fed Tel Co T	Summarizes deliveries; quotes amount which they believe should be paid them in advance. W To --- comments; suggests communicate with Dept direct re payment. 5/2. Fwd Dept. 5/2
123880	5-1	Fed Tel Co T	South City and Honolulu test; schedule of. W
✓ 124000	5-2	Y&Dv 1948	FWas print showing actual location of power house, sewer and water lines, etc. W To Fed T. Co. fws print. 5/4.
✓ 124010	4-25	Crenshaw	Reports receiving goods from Fed Tel Co. on cont. Recommends be held at a Navy Yard in US; partial payment made to contr. W

CAIMITO: RADIO. 851

Number.	Date.	From or To	Subject.
✓ 124137	5/5	To Colon & Ord.	Colon & Balboa reopens 5 and 7 for arms and ammunition disapproved; request Ord. furnish. W Crenshaw: revolvers from Army originally intended as loan; now desire transfer permanent; 4-28 To Crenshaw. instructions. 5/7.
✓ 124421	?	Fed Tel Co	Schedule for South City and Honolulu. W To—gives results of test 3d inst. 5/9
✓ 124530	5-9	Fed Tel Co T	Will follow schedule suggested May 10. W
✓ 124646	5-11	Y&D 1948	Reqt authority for overseas Penn Bridge Co to occupy operators quarters. W Ret—no objection. 5/12.
✓ 124802	5/5 5/6	Fed Tel. Co. Ware Is.	Quotes telegrams to and from Bureau relative to the storing of material on the Isthmus. W To Fed Tel Co 5/15
✓ 124785	5/13	Fed Tel. Co. T	Requests permission to put both receiving sets in one cabinet. W
~~124782~~			
✓ 124782	5/13	To Fed Tel Co T	Results of test South City and Honolulu. W

1914

CAIMITO: RADIO

Number.	Date.	From or To--	Subject.
121803	4-1	Fed Tel Co	Reqt authority for R.R. Beale in charge of installation to certify bills. W
TO Crenshaw cont 1948-B fwsd copies of bl on charges and instrans re paymt 5-28			To Y&D Fwsd copy of Bd on Chgs. 4/9RB 57
110797		SEE CARD 4	Fwd S&A for information. 4/9.
			To Fwd Solicitor. Reqt prepare supplemental agreement. 4/8RB 533 Fwd Dept 6/1
122211	4-3	Y&D	Fwsd print showing argrt of porcelain insulators for towers. W
122331	4-13	Fed Tel Co T	Reports results obtained South City and Honolulu. (W) to--- gives results Apr. 12th. 4/14.
122343	4-10	Marine Corps	Fwsd bills for furniture transferred by Marine Corps to Chief Elec'n Quarters. W
	4-11	S&A	Ret S&A. 4/14.
122483	4-11	Fed Tel Co T	Arrangements for test Apr 12. W
122571	4-14	NY 3335-5	List of articles required for W
	4-6	Crenshaw	To Colon purchase of 2 chairs auth. 4/16
122581	4-2	Crenshaw	Reqt authority hire laborer at \$1.25. W
			To--- reqn should be submitted. 4/17.
122722	4-7	Fed Tel Co	Fwsd photo showing helix and method of grounding mounting wave coupling antennae switch. W
			To--- comments. 4/18.
122721	4-9	Fed Tel Co	Reqt cont be changed to call for completion at date approx completion of towers. Also that payment be allowed on delivery of power equip
	4-16	Dept	at some point to be specified by Dept. suggests Brook and W. Is. W
Fwd Dept. with recommendations. 5/20 5:			(R) to Crenshaw asks if can store material. 4/17
			Crenshaw 4/25 R. advises as to storage facilities. W

CAIMITO: RADIO 851

Number.	Date.	From or To	Subject.
122760	4-17	Fed Tel Co T	Asks if they are to furnish plate glass window and Gown to furnish ground switch gear on roof: summarizes South City test: 4/18 (T) to --- understanding correct: 4/18 To --- Req further information. 4/20
122733	4/17	To Crenshaw	Equipment for chief electrician's quarters; impractical to cancel items 6, 11, 16, 54 on recn #2 (changed to #4). W&R
122583	4-18	Y&D 10730	Power house; machinery foundations: b/p.W To Fed Tel Co. --- Fwd information 4/20 Fed Tel Co fws photos of 100 kw arc 4-28
122956	4/20	Y&D 10730-28	Fws copy of letter to Isthmian Canal Com. giving definition of line dividing work to be performed by the Federal Telegraph Co. and the Commission.W
123034	4/21	Y&D	Fws Isthmian Canal Commission's bills for work on. W Fwd S&A, appd. 4/24.
123086	4/17	Fed Telegraph Co.	Change in distance between power house and operating house. Information received too late, cable already shipped.W To --- excess material doubtless otherwise used 4/23 To Colon --- instructions 4/23
123342	4/25	Fed T. & T. Co.	South Sea, Honolulu, will fill regular schedule on Sunday.W (T) to --- Arlington unable to send or receive 26th. 4/25.
123464	4-14	Panama Canal	Recommends erection of residence for radio officer.W Fwd Dept via Y&D, rec appr 4/29. R/R To Colon via --- appd. 5/8. Fwd Y&D. 5/8

CAIMITO: RADIO

Number.	Date.	From or To—	Subject.
✓ 120408	3-20	Fed Tel Co	Neither Honolulu or South City will be able to have test Sunday. W
✓ 120460	3-20	Y&D	Fwds revised print of operating building showing changes to accommodate latest layout of apparatus. W To Federal Tel Co. Fwds Y&D prints of operating building. 3/21
✓ 120664	3-24	Fed Tel Co T	Reqt shipping instructions for second radio apparatus. W (T) to --- will send report later; gives shipping instructions. 3/25. (T) to --- reports for 15th. Suggest same schedule next Sunday. 3/26.
✓ 120808	3-26	Crenshaw T	Ice box at Camp Elliot not suitable; reqt authority to secure one from Quartermaster Depot. W (R) to --- appd. 3/26.
✓ 120954	3-17	Fed Tel Co T	South City and Honolulu unable to meet schedule Mar 29. W
✓ 121101	3-25	Fed Tel Co	Comments on plans operating building, access to toilet in dangerous location, antennae entrance. W Fwd Y&D comments. 3/30. RB 48 To --- changes made. 4/9.

CAIMITO: RADIO: 851

Number.	Date.	From or To--	Subject.
✓ 121362	3-23	Crenshaw	Reqt Bu. prepare requisition for light duty power launch, and 33' motor sailing launch; reqt. instructions re shipping old non-powered boats used at Colon. W
✓ 121416	4-3	Fed Tel Co T	South City can meet any test schedule 5int. W (T) to---gives schedule. 4/3.
✓ 121548	4-5	Fed Tel Co T	Honolulu unable to meet schedule Sunday. W
✓ 121658	4-6	Fed Tel Co T	Gives reasons for failing to meet schedule; recommends re-arrest. W (T) to---gives results test 5th inst. 4/7.
✓ 121659	4-2 4-6	War Dept I&D	Reqt that radio stations on Isthmus buy furniture not required by Canal Com. W Fwd Dept. rec appr. 4/7. W + IC app. To Colon. instructions. 4/10.
✓ 121706	4/7	To NY	Darien sta: Antenna plans, fws: instructions re cutting, tagging and mtr of different parts. W To Canal Zone. fws prints. 4/7. To---Bu desires to substitute non-corrosive metal for galv. steel for various parts. 5/5
✓ 121815	4-6	Y&D 1948	Reduction in length of power cable from power house to operating building. W To Federal Tel. Co. final appd distance 265 feet. 4/8 To---Company advised. 4/8
✓ 121828	3-14 3-26	NY Crenshaw	Blocks required for. W Fwd NY. 4/8

CAIMITO: RADIO

1914

Number.	Date.	From or To—	Subject.
✓ 118284	2-16	Federal Tel Co	Gives spoons for gas engine. W TO -- spare parts will be included 3-17
✓ 118288	2-16	Federal Tel Co	Print showing dimensions for setting foundation of gen set. W
✓ 118300	2-17	Federal Tel Co	Confirms various telegrams re test. W
✓ 118458	2-25	Fed Tel Co T	Arrgt for triangular test. W
✓ 118528	2-16	Colon	Bill for designs and surveys. W Fwd S&A via Y&D. 2/26
✓ 118699	2-27	Fed Tel Co T	Reqt data on test Feb 22 and waves desired for Mch 1st. W (T) to --- gives data. 2/28.
✓ 118693	2/27	To Fed. Tel. Co. T	Request two addtl each dimension print machy. particularly Union gas engine. W
✓ 118888	3-2	Fed Tel Co T	Reports results of Honolulu, South City test, Mch 1st; and schedule for next test. W (T) to --- gives results; request same schedule next Sunday. 3/3
✓ 118907	3-2	Y&D 10730	Reqt approval of site for married Chief Elean quarters. W O --- proposed site satisfactory. 3/3

CAIMITO; RADIO. 851

Number.	Date.	From or To—	Subject.
✓ 119230	3/5	To C&R	Boats for: Bureau desires to provide power launch and motor sailing launch. W C&R motor boats 1302 and 1264 assigned to 3-11 Fwd Colon. 4/3.
✓ 119586	3-10	Fed Tel Co	Schedule for test. W (T) to --- gives results; suggestions for 15th. 3/11.
✓ 119639	3-4	Fed Tel Co.	Fwds GE Co and Union Gas Eng Co. prints. W
✓ 119720	3-3	CO	Reqt Naval Elec. Hand Book be furnished. W To --- rean should be submitted. 3/13.
✓ 119770	3-12	Fed. Fed Tel Co T	Schedule for Sunday. W (T) to --- assume antenna capacity .005 for 20-kw sets. 3/11.
✓ 119864	3-12	Arlington 122	& BALBOA; transfer switch; fwds print and reqt mfg at NY. W. To Y.P. Fwd NY fwds prints. Request yard submit estimates for mfr of three 3/14 RB 4 22 To NY & Colon. NY to mfr switches. 4/24.
✓ 119988	3-5	Greshaw	Furniture for Chief Elec. House; submits list. W (R) to --- transfer appd. 3/16.
180002	3/16	To S&D	Darien; Kachy lay-out; fwds prints. W
119740	3/5	Marine Corps	Gives appraised value of furniture for quarters of Chief Electrician. W Fwd Dept. rec. transfer. 3/13. RB 3/20 Fwd S&A. 3/20.

CALIFITO: RADIO

1914

Number.	Date.	From or To—	Subject.
✓ 117208	2-2	Federal Tel Co	Summarizes telegrams re test.W
✓ 117056	2/7	To NY	Power tools equipment; asks what material can be supplied from yard which is not in use; gives list desired.W NY no tools available 2-11
✓ 117402	2-6	Federal Tel Co	Fwds print showing proposed plan for partition for operating house and lay-out of apparatus.W Y&D 2/12. 2-11
✓ 117401	2-6	Federal Tel Co	Y&D material on ground; 6 weeks to build; asks if original size operating house satis 2-2 to Y&D not desired to change size. 2/25 Fwds print Union Gas Eng. Co. giving dimensions for foundation of oil engine.W Fwd Y&D. 2/12.
✓ 117392	2/10	To Federal Tel. Co.	Gives results of test of Feb. 8th. W Suggested schedule for 15th.
✓ 117718	2-9	Fed. Tel. Co	Gas engine for; fwds specons covering.W
✓ 117719	2-9	Fed. Tel. Co.	Test between Hon and San Fran show maximum wave length 20,000 metres advisable; will increase antennae to provide for at \$600.W (T) to tests if will involve change lay out. 2/16
✓ 117707	2-14	Fed. Tel. Co T	Honolulu will be on 10,000 on her 11,000 period.W

CAIMETO: RADIO. 851

Number.	Date.	From or To—	Subject.
✓ 117681	2/14	To Federal Tel. Co.	Request detailed spec'ns Union gas engine for inclusion report change of cost. W
✓ 117629	2-7	Fed Tel Co	Quotes from report on result long wave length wave test Honolulu. W
✓ 117822	2-16	Fed Tel Co T	Changes involved by increasing Hlix. W
✓ 117824	2-16	Fed Tel Co	Reports on Sunday test. South City, Honolulu, and Arlington, Feb 15. W (2) to--- gives minimum capacity expected at Boston, Guantanamo and Point Isabel. 2/16 To--- re furnishing HELIX 2/18.
✓ 117868	2/17	To Federal Tel. Co.	Gives results of test 15th inst. Request same schedule next Sunday. W
✓ 117959	2-19	Fed Tel Co T	South city and Honolulu tests; schedule proposed. W
✓ 118006	2-13	Fed Tel Co	Fwds sketch showing size of foundation and location of bolt holes for gen set. W Fwd Y&D. 2/18
✓ 118208	2-11	Colon	Fwds bill for labor. W Fwd 3&A via Y&D. 2/21.
118233	2-18	NY 13651	Reqt information re certain items of equipmt called for by Bu List. W Ret--- gives information. 2/28. Ret--- gives information. 3/10.

CAIMITO: RADIO

1914

Number,	Date,	From or To—	Subject.
115792	1-23	Federal Tel Co T	Honolulu reports Arlington not audible at Daylight; can hear night. W
✓ 115793	1-23	Federal Tel Co T	Schedule for Sunday test satis. W
✓ 115879	1-17	Federal Tel Co	Swds data taken at South City during test made on Jan 11, Dec 28; Honolulu not equipped with 120 kw generator. W
✓ 115917	1-24	Federal Tel Co	Test of Honolulu will use 10,000 metres; unable Arlington to communicate South City mornings; recommends discontinuing. W (T) to—No signals heard Sunday; dis-continue all schedules except Sunday. 1/26
✓ 116393	1-30	Federal Tel Co T	Gives schedule for Feb 1st. W
✓ 116389	1/30	To Federal Tel. Co. T	Asks if will test on 1st February; request schedule. W
✓ 116483	2-1	Federal Tel Co T	Delay in making final arrgt for operating and power house due to forwarding to Hawaii for Mr. Fuller comments. W
✓ 116635	2-2	Federal Tel Co T	Honolulu unable to meet schedule on account of antennas. W Fitz- Fed Co. confirms 2-11

CALMITO: RADIO. 851

Number.	Date.	From or To--	Subject.
✓ 116871	1-31	Federal Tel Co.	Gives reasons for not carrying out test of Jan 25.W
✓ 116813	2-4	Federal Tel Co T	Recommends maximum wave length be raised 15 or 20,000.W. (T)to---instructions.2/5
✓ 116890	2/5	To NY & Y&D.	Gives list of furniture for Darien station and requests be obtained on annual Y&D contract; directs NY submit recon.W To NY charge equipment to "Eq. of Vessels" S.E. 2/6 To Y&D. chargeable to EORV.2/6 Y&D fws copy of orders with Wannamaker and Snellenberg, for furniture. 2-7
✓ 117004	2/6	To NY	Fw's list of equipment required for Darien station; request material be assembled at yard for early shipment.W
✓ 117006	2/6	Federal Tel.Co. T	Schedule from South City Sunday the 8th.W
✓ 117005	2/6	Federal Tel.Co. T To Y&D fwsa prints.2/15	Reports forwarding certain blueprints for gas engine, etc.W Fwd Y&D. for information.2/7 (T)to---expedite prints 14-kw motor gen and generator.2/14.
✓ 117238	2-9	Federal Tel Co T	Reports results of test with South City, and Arlington.W
✓ 117239	2-10	Federal Tel Co T	GE Co. print for motor generator may be used for setting of foundations and placing of anchor bolts.W Fwd Y&D.2/11

1911

CAIMITO: RADIO (DARIEN)

Number.	Date.	From or To--	Subject.
✓ 114264	1-3	Y&D 10730-17	House for chief elec'n: reports arrgts made with 1stn. Can. Com. W
✓ 114440	1-8	Federal Tel Co.	Gives schedules for test 11th inst. W
✓ 114436	1-7	Federal Tel Co. T	Desire to arrange schedule South City and Arlington for Jan. 11: W (T) to---arranged 1/8
✓ 114544	1-9	Federal Tel Co.	Reqt authority to substitute Union gas engine for Fairbanks-Morse. W (T) to---appd provided no inc. cost. 1/10.
✓ 114590	1-5	Federal Tel Co.	Summarizes telegrams and corres relative to test with Arlington and Honolulu. W
114617	1/10	Federal Tel. Co. T	Asks if Arlington can receive 10,000 meter waves; may want to try that wave length Sunday at Honolulu. W (T) to---can receive 10,000. 1/10.
✓ 114623	1/10	Federal Tel. Co. T	Requests arrange tests same periods Honolulu 12th. W (T) to---gives information. 1/12 to---adv. copy of report of communications with South City station Dec 20 to 31st. 1/12
✓ 114835	1-13	Grenshaw R	Reqt authority secure furniture for Chief Elec'n from Post Quartermaster. W to---adv. transfer furniture portion from Capt. Elliott upon receipt of letter giving invoice. 1/13 Grenshaw: (R) outlines method of surveying furniture 1-17 (T) to---will be given preference; will await reqn. 1/19

1914

CAINITO: RADIO (DARIEN) 851

Number.	Date.	From or To--	Subject.
✓ 115026	1-1	Colon	Fwds bills. W to S&A via Y&D. Fwds bills for settlement. 1/17 fwd S&A. appd. 1/17
✓ 115174	1-16	Federal Tel Co T	Schedule for test, Arlington, South City, & Honolulu. W (T) to---schedule test 18th received. 1/17
✓ 115245	1-12	Federal Tel Co	Summarizes test arrangements. W
115286	1-17	Federal Tel Co	Submits schedule. W
✓ 115489	1/20	To federal tel. Co. T	Schedule too short for comparing receiving apparatus; suggestions for future Sundays. W
✓ 115491	1/20	To federal tel. Co.	Fwds copy of report on tests between Arlington and South City and Honolulu stations on 18th inst. W
✓ 115670	1/22	To federal Tel. Co.	Power house; forwards approved machinery layout. W
✓ 115787	1/23	To federal tel. Co.	Power house; machy foundations; asks if prints received are to be accepted as sufficient for su. to proceed with installation. Requests prints of foundations and anchor bolts. W

CAIMITO: RADIO (DARIEN)

1913

Number.	Date.	From or To—	Subject.
✓ 112491	12-11	Federal Tel Co T	South City give Arlington good test last night 7,000 meters; did not hear Arlington; gives wave lengths preferred by Honolulu for test. W (T) to--- gives status of test. 12/15.
✓ 112956	12-11	Federal Tel Co	Reports successful test apparatus between South City Station and Arlington. W (T) to--- and letter to--- received one schedule with ticker and amplifier and two with ticker alone. 12/26
✓ 112993	12-5	Caimito	Bill for work done by Isth. Com. W To S&A v. 44 Y&P. fws bills ap'd. 12/18 Fwd S&A. app'd. 12/18
✓ 113131	12-3	Federal Tel Co	Tests South City & Arlington; asks Bu to explain reason for signals changing from weak to strong with no change in current. W
✓ 113318	12-17	Federal Tel. Co.	Recommends number of operators to be quartered at plant in connection with making plans for operating house. W (T) to--- directs sketch in regard to arrangement of prints and fws to Bu. 12/24 To--- gives addtl information. 12/26/
✓ 113319	12-17	Federal Tel Co	Gives overall dimensions of gen sets. W
✓ 113481	12-20	Federal Tel Co	Submits list of spares for motor generator set. W To--- will rec inclusion of spares. 12/27.
✓ 113541	12-18	Federal Tel Co	Lay-out operating house; fws print. W (T) to--- print fws of transfer switch. 12/27.

CAIMITO: RADIO 851

Number.	Date.	From or To—	Subject.	
✓ 113631	12/27	To Federal Telegraph Co.	Arrangements made for Sunday test 4 to 7 p.m. Instructions. W To—gives results. 12/29.	
✓ 113784	12-22	Federal Tel Co	Relative to tests between Arlington and South City. W	
✓ 113793	12-22	Federal Tel Co	Fwds print giving overall dimensions motor generators sets from GE Co. W Fwd Y&D. for information. 1/9 & H 127	
110987	12/22	To Dept	Returned via Y&D with statement re amount expended on station, connection with Estimates for radio stations.	604
✓ 113944	12-26	Federal Tel Co	14 kw motor generator set: fwds prints. W and Y&D. for information. 1/9 & H 118 To Y&D. fwds print. 2/18	
✓ 113892	12-30	Y&D 10730-9	Copy of letter addressed to Isthmian Canal Commission re out door sub stations. S	
		1914		
✓ 114169	1-5	Y&D 1948	Reqd number of contract be changed to 1948-A in lieu of B. W	
✓ 114170	1-5	Y&D 1948	Reqd contract ith Federal Tel Co. be changed from 1948 to 1948-D. W	

CAIMITO: RADIO: (DARIEN)

1913

Number.	Date.	From or To.	Subject.
✓107504	10-9	Federal Tel. Co.	Chief Engineer Fuller will leave for East within week to discuss questions on W (T) to --- & letter to --- comments. 10/10. To Dept. fws papers. 10/11. Dept. 10/17 fws copy letter to Co. with regard to time of completion of work, and rev. enclosures. W
108239	10-18	Federal Tel. Co. T	Fuller will arrive Washn before Nov. 1; reqd. Bureau wire Elwell's offer of cooperation. W (T) to --- 10/21.
108794	10-26	Federal Tel. Co.	Representative will arrive Washn Nov. 1st. W
✓109359	10-30	Federal Tel Co	Quotes letter to Secy giving time of completion as 3 months from date of contract i.e. June 17, 1914. W
109916	11-10	TO Sweet, LtComdr T Letter	Information about by mail. W Gives information, re proposed change in equipment of motor-generator. R.B. 11/14
110524	11-8	Caimito Ret Y&D. regst Officer in Charge be infer. 1/2	Recommends purchase from Canal Zone of wooden house for quarters for married Chief Elec. W and Dept. via Y&D. request auth. to purchase. 12/8 (R) to --- appd. 12/31
110797	11-19	Federal Tel Co Fwd Hepburn, Sparrow, Fright. appointed Bd. 11/29	Suggested changes from E. Paratus called for by original contract; recommendations based on results in Honolulu and San Francisco Sta. W and Dept. request for modification. 11/22 B + MF 11/22 change contract auth. 11/28.
110917	11-19 11-20	Y&D Dept	Change in contract 1948 Penn Bridge Co to provide for insulating base of towers. W Ret Dept. request action be delayed pending further report. 11/22 B + S Fwd Dept. 1/13

CAIMITO: (DARIEN) 851

Number.	Date.	From or To--	Subject.
✓ 111528	11-29	Federal Tel Co T	Will mail letter re changes in motor generators and switchboard; suggestions for resuming night and day schedule at Arlington. W (T) to --- letter on changes mailed today. Rel. to night and day schedules. 12/1.
111615	12-1	Federal Tel Co T	Gives understanding re size of generator and motor generator; rect. confirmation. W (T) to --- confirms understanding. 12/2
✓ 111860	11-24	Caimito	Reqn for furniture for quarters. W To --- reqn disappd; others substituted. 2/4 Grenshaw rec'd copy of reqn 3-3 To Colon. fws papers. 3/13. RB 4 2-
✓ 111978	12-5	Federal Tel Co T	Cannot test day light Sat or Sun. W
✓ 111980	12-4	Y&D 10730	fws print showing revised location of bldgs. W
✓ 112218	12-8	* Y&D Diskenson, J. Crucible Co	Towers; asks what kind of paint specified. W Fwd Y&D. 12/9.
✓ 112383	12-5	Federal Tel Co.	Summarizes previous corres and telegrams; fws specs covering power house machy. W
✓ 112224	12-9	Federal Tel Co. T	South City will send 7,000 meters to-light. W
✓ 112399	12-10	Y&D 10730-14	Have directed commission to retain original location of power house; fws revised location plans. W

CAIMITO: RADIO. (Called DARIEN Sta. in 97242) 1917

Number.	Date.	From or To—	Subject.	
100117	6/23	To Y&D	Insulation of towers; request plans and estimates of cost for work. W. EB 7.7 To— plan satisfactory. 7/9.	
✓ 100272	6/26	To Federal Telegraph Co.	Power house; forwards sketch plan of machy layout for; request detailed foundation drawings of apparatus to be supplied. W	
✓ 100697	6-23	Federal Tel. Co.	Towers for; gives reasons why same must be insulated. W	
✓ 100991	7-7	Y&D 1948	Fwds copy of contract Penn Bridge Co. for steel towers. W	
101114	7/9	To Y&D	Darien radio station; returns plans. W	
✓ 101503	7-8	Caimito	Bill for surveying site. W Fwd S&A. appd. 7/15.	
101616	7/11	Celon	ALLOCMENTS: submits amounts per quarter.	602
✓ 102165	7-23	Y&D 1948	Fwds copy of contract with Federal Tel. Co. W	

CAIMITO: 851

Number.	Date.	From or To—	Subject.
✓ 102636	7-23	Caimito	Fwds copy of Canal Record giving description of high power elec. transmission line across isthmus running in vicinity of radio station. W
102662	7-30	Caimito R	Understands Canal Com. to build buildings: reqt. prints, etc. W To Y&D. request copy of contract 1948 and copy of plans and specs of bldgs, etc. 8/1 Fwds copy of contract with Federal Tel Co. 8-4 To Canal Com. Fwds copy of contract. Copies plans and specs in possession of Canal Com. 8/6 To Y&D. 8/6
✓ 104419	8-23	Isthmian Can Com	Fwds copy of letter from Radio Elec. Co. requesting opportunity to bid on. W. To Radio Elec. Co. of Canada: contracts already awarded 8/27.
✓ 104581	8-26 8-28	Radio Elec. Co of Canada Supt Radio	Reqd. specs covering. W
✓ 104757	8-25	Federal Tel Co	States present 100 kw arc set contemplated will require 1000 volts. D-C. W not interested unless gives increased antennae current; recom. Mr. Fuller call (T) To - re conference 9/30 Will reply (T) 9/2
✓ 104797	8-25 9-2	Radio Elec. Co. of Canada Supt Radio	Reqd. opportunity to bid on. W.
✓ 105112	8-20 9-2	Kane, R.E. War Dept	Asks who will furnish apparatus. W to - gives infor. 9-8

CAIMITO; RADIO. (Called DARIEN Sta in 97242)

Number.	Date.	From or To--	Subject.
✓ 95119	4/12 4/16	August Mietz Y&D	Asks if Mietz & Weiss oil engine will be acceptable.W To--4/18 August Mietz 4/19 reqst further information re engine.W To--submit alternate bid 4/22 To A.Mietz: opening of bids postponed May 10th 4/26
✓ 95459	4/21	E.C.Kullman & Co.	Requests information re bids for station.W To-- 4/22
✓ 96359	5/1 5/3	Nat'l Elec.Sig.Co. Y&D	Brown Hoisting Co. requests postponement of opening of bids to June 2d.W Fwd Dept. comment 5/3 RB 5-5
✓ 96879	5/5	August Mietz	Mietz & Weiss engines; fws description of those bid on.W To---comment.5/5.
✓ 96985	5/5	James C.Koschl	Requests copy of specifications, also address of Federal Co.W To---obtain from Y&D.5/10.
97242	5-14	Y&D 1948 Fwd Dept-rec contract be executed.6/7.	Fws summary of bids; will ask for Supplemental opening on towers.W Fwd Dept recommendations 5/14 Dept award made to Federal Tel Co. Fws copy of letter. 5-20 Ret--5/27.
✓ 97255	5-10	Nat. E.Sig.Co.	Confidential statement for information of Bureau of SE/ in connection with bids. W
✓ 97254	5-12	Federal Tele.Co.	Asks if award made.W. (T)- To-Beach Thompson- 5/14

CALMITO: RADIO 851

Number.	Date.	From or To--	Subject.
✓ 97829	5-21	Mietz, Aug.	Asks if type engine decided upon. W To---Award made to Federal Tel. Co. 5/23.
✓ 97870	5-21	Nat. Elec. Sig. Co.	Asks who received award. W. To---gives information. 5/23.
✓ 98107	5-23	Mietz, Aug.	Proposals for equipping station with Mietz oil engines. W. To---cannot consider bid. 5/26.
✓ 98340	5-28	Journal of N. S. R. Art.	Reqt. confirmation of award to Federal Tel. Co. W. To- -gives data. 5/31.
✓ 98641	5-31 6-3	Foss Gas Eng. Co. Y&D	Asks what action taken on their proposal on oil engines submitted to Federal Tel. Co. W. To Co. contract has been awarded for en- gine. 6/4.
✓ 98671	5-29	Federal Telegraph Co.	Fwds code words which they will use in quoting on self supporting towers, steel. W
✓ 99240	6-10	Y&D 1948	Towers; fwds bids and recommends acceptance of Penn Bridge Co. W. Fwd Dept. concurs with rec of Y&D. 5/12.
99719	6-17	Y&D 1948	Have awarded contract Penn Bridge Co. for towers. W

1913

Number.	Date.	From or To	Subject.	
✓ 67318	4/14	Clark	(COLON) reports on site for erection of station in PANAMA.	808
88649	1/21	Federal Tel. Co.	High powered station, Isthmus, submits spec's. containing proposition for installing 100 kw set with approx. cost.	see 851
74890	8/2	To Dept	Provision of apprq. bill for erection of stations. Recommends only two stations be proceeded with.	604
91310	2/27	Y&D	High-powered station CANAL zone, method of requesting proposals for construction of towers, etc. which come under Y&D, requests that spec's be so drawn that one bidder may secure contract for work under both Bureaus	see 851
B7464	1/12	Clark, G.H.	Makes report on site for H.P. station	876
✓ 91883	3/6	Y&D	High power radio station, fwds copy of proposed spec's, for towers, also copy of advertisement.	808
92091	3/8	Y&D	High power station, fwds report and recommendations Civil Engineer Carlson.	see 851
92556	3/14	Nat. Elec. Sig. Co.	H.P. station, reqt opportunity to bid on	808
93662	3/29	To AtlanticCom.Co.	Spec's 1948 for H.P. radio station to be erected in PANAMA, comments	808
92412	3/11	Marconi Co.	Reqd spec's, etc so as to bid	see 851

LONG DISTANCE or Hight power station, PANAMA.

Number.	Date.	From or To—	Subject.	
93867	4/1	To John W. Griggs	Ack. receipt of letter of Mar. 25th in connection with radio station to be erected.	808
94055	4/3	Hepburn, Lt. Comdr	Reply to protest of Atlantic Communication and Marconi Companies in connection with specs for equipment.	808
94379	4/4	Nat. Elec. Sig. Co.	H.P. Station, reqt time of opening bids be postponed	808 85/
94524	4/3	Nat. Elec. Sig Co.	H.P. Station, reqt be notified date of hearing in connection with specs for.	808
94573	4/9	Milliken Bros.	Reqd postponement of opening of bids.	808
94572	4/9	Marconi Co.	H.P. station, reqt opening of bids be postponed one month.	808
94783	4/9	Marconi Co.	H.P. station, takes further exception to specs and gives reasons for desiring extension of time for making bid	808 85/
94504	4/10	To Federal Telegraph Co	Opening of bids for high power station in reqt be deferred until May 3d.	808

CAPE COD, RADIO

Number.	Date.	From or To—	Subject.	
449658	10/6	Y&D	North Truro Compass Station completed 1:1 with saving from amt allotted. W ~~To Com. Returned 10/27~~	
465246	12/23	Boston	North Truro Radio Sta. Quarterly inspection report W	
466023	12/26	1st Dist	North Truro Station. Quarterly inspection report. Fwd Communications. 12-31	W.
474651	2/7	1st Dist C PY	Sloop carried away one half of antenna at Cape Cod.	W.
47877	2/27	Boston	Quarterly inspection report, North Truro Radio station	W
491899	5/5	Boston	North Truro - quarterly inspection report.	W.
507725	5/26	Boston	Report of damage to North Truro station by lightning. Boston 8/4 W. To Boston. with special allowance 8-12	

CAPE COD RADIO STATION

Number.	Date.	From or To—	Subject.	
509904	8/4	Boston	Quarterly inspection report. W.	
529631	11/10	Boston Copy	Station out of commission due to engine trouble. W.	
529088	11/11 VOID	Cavite error Copy	Report on total of operating expenses; request main engine allotment be increased. WK	
535168	12/15	Boston	Quarterly inspection report. W.	
538661	1/5	Boston	Gives position of relocated compass station Cape Cod. W.	
548635	2/25	Boston	Quarterly inspection report. W.	
556523	3/4 3/9	1st Dist. Communications.	Siasconsett, North Truro Stations— discrepancies of: Chatham, Commissioning of; Morse Circuit: G-63, extension of. W.1031	
585666	9/1	Boston	Quarterly inspection report. W. To Boston on 5/17. Station report 5/8 Boston— Recommends engine be sold as junk. 5/5 W To Boston survey authd 5/17	

CAPE COD: RADIO.

Number.	Date.	From or To—	Subject.	
401998	3-14	To S&A	Request shipt of one radio from Washington to Siascomsett Phila 5/27- Confms phone convsn re shipt of 12 kW battery charging unit to Siascomsett	
✓ 403919	3:18	Boston	Fyds req of North Truro Station for filing cabinets. To Boston requ disapproved 3-20	W
✓ 406082	3:25 3:28	1st Dist Com	Quarterly inspection report of Cape Cod Radio Station. Ad Boston 3-31 RB 4:9	W
411948	4:15	Boston	Conf tel conversation req authority to issue battery to North Truro from stock held for destroyers. Boston - 4:17 To Boston- sanctions use of E varready type batteries in case of emergency 4-2-	W

1919

Number.	Date.	From or To—	Subject.	
✓ 423130	5:31 6:8	1st Dist Com	Quarterly inspection report North Truro Station. fwd Boston via Nav Commun 7/8 BB 7:28	W
✓ 436405	1:5	Boston	Inspra report North Truro Sta.	W
437015	8:1	Boston	Ede sample report of calibration of North Truro Compass Station. W	
Boston 118	8/4	Fwd S&A	Approves placing award for screens for stations North Truro to F. A. Davis & Sons. W	
449569	10:4 10:6	1st Dist Com	Quarterly inspec report North Truro Station. To Boston-Fwd 10:8 BB 10:22 To Com-Returned 10:27	

CAPE COD: RADIO

Number.	Date.	From or To—	Subject.	
343981	8:7 8:15	Chatham Com.	Comments on, sug changes. W	
✓ 367440	11-15	To Narragansett	Re quarterly inspection report of Radio Sta Niaschohet Mass W To Narragansett Co- confirms phone communication 3-8	
359951	8/5	3rd Dist. Boston	Oct 17 3 - its report on construction of radio station at Nantuxet.	CBS
382549	1:3	1st Dist	Req authority to withdraw from stores from Boston for North Turro one 2 kw transm. W To 1st Dist-Authorized 1-8	
386827	1:16 1:18	First Dist Com	Submits inspec report of North Turro Station W	
✓ 401180	3:6	Boston	Sub rep of repairs to Storage bat Serv Sta fwd Bost n. 3-12	WL

CAPE GOD; RADIO

Number.	Date.	From or To--	Subject.
387330	1:14 1:20	1st Dist Boston	Fwd quarterly inspection report of of North Truro Station, W
389052	1:25	1st Dist	Req annual allowance North Truro station be increased to \$2,000 To 1st Dist- ask reasons for above 1-28 1st Dist 1:28 back 2:6 To 1st Dist above r.st made to meet maintenance expenses of sta during present fiscal year 2-8
390484	1:30	Y & D	Gives latitude and longitude of North Truro. To Director Nav Communication- Fwd copy of Y&D ltr 1/30 re above - 2-8
396696	2:18	1st Dist	Batteries be overhauled. To 1st Dist- re shipment of one std heavy medium wave receiver - present receiver will be retained at North Truro Sta for emergency use. Fwd receipt 2-26 W
✓ 398583	3-3	To XLA	Revert shipment from Washn to Cape God one med wave radio receiver contract 38271 with Wireless Co-

Number.	Date.	From or To—	Subject.	
265124	1/8	To Naval Com	Recommendations re Radio Station North Truro and needs for Radio Coastal Stations.	805
357740	3/14	Marconi Co	Old Number	
275730	2/9	To F. Lowenstein	VOID.	
300714	4/8	1st dls	Geny Quarterly inspection-fwds report. W	
312153	4/11 5/28	Distr. Communications Supt East East	Fwds report of inspection of Naval Radio Station, Cape Cod - W To East - In re above- 6-7 To NY- in re mistake of referring allotment of Cape Cod to NY- 6-7 To 12 5/30 P B 6/6	
316112	3/12	Marine Corps	Recomnds provide closed lockers for enlisted men at station. with at To Boston. Re W. recom. of station for Boston - Recommends that descriptive outline be furnished. W 6:22 To Boston Allots \$175. for lockers for Marine D.6/28	

CAPE COD; RADIO

Number.	Date.	From or To--	Subject.
324144	6:30 7:6	1st Dist Boston	Submits report of inspection of radio steam at Portsmouth Truro, Mass W
324160	6:30 7:8	First Dist Naval Com.	Submits report of radio inspection radio station North Truro.
324413	7:7	Department	Repairs to North Truro Mass station, finds copy of Yards & Docks letter advising of allotment covering. W
332758	8/3	To S&A	Receives shipt. of radi. apparatus from Mass. to Cape Cod for use of S&A.
339961	8:7 8:15	Chat Navy Com	Comments on. Sug changes. W

CAPE COD: RADIO.

Number.	Date.	From or To--	Subject.
✓ 231720	6-1	Bost	Maintenance allowance and outline of radio work for 1918 and 1919.W
233777	6/13	Bost	Change in location of proposed chief petty officers' quarters; fws print.W Fwd Y&D--6/16 RB 6/19
✓ 235802	7-3	Y&Dp	Has authorized installation of fuel sewer and electric service to radio quarters...
✓ 236837	7-3	Bost Dist/ Supt	Best disposition of Belini-Tosi direction finder.W
✓ 237298	8/26	Bost Dist Supt	Report inspection.W
✓ 244220	8/16	Y&D	Relative to allotment for additional work to CPO quarters.W
✓ 245953	8/21 8/27	Bost S&A	North Truro, Mass; asks if satisfactory to furnish C.P.O. china ware.W Fwd S&A--8/29
248096	8/28	Bost	Cape Cod; inspection; fws report.W

CAPE COD. 802

Number.	Date.	From or To—	Subject.
247958	8/23	Bost	Fwds report of inspection. W To via 1st Dist—Gives action. 9/15
249943	9/18	Navgn ~~VOID~~	Request decision be made as to proposed course at MIT for men enrolled in Nav Res Flying Corps for inspection duty. A&D
249944	9/17	Bost	Quarters; recommends be extended for Marine Corps—guard. W
250105	9/18	Bost	States tents used by marine guard destroyed; recommends quarters be supplied; confirms telephone call. W Fwd Y&D—9/24 RB 9/27
254086	9/21 10/9	Marine Corps, Boston Marine Corps Headquar- ters	North Truro; reports on marine detachment at; recommends more suitable. W Fwd—10/11
264217	11/30	To Bost T	Reqt specific info re report of North Truro being out of commission. W Boston—12/1.
267690	12/15	Dist Supt Boston	Request pump be transferred to Station. W Fwd Y&D—12/20 RB 12-26
268319	12-14	Bost Com Supt	Fwds report of inspection. W Fwd Nav Com—12/22 To Bost—12/24 RB 1/4 Fwd Y&D—4/15 RB 4-19/4 Fwd Com 3 Supt Bost—4/22 RB 5/1

CAPE COD: RADIO.

1916

Number.	Date.	From or To—	Subject.
183856	4/3	Bost	Masts; estimate for erecting ~~or~~ dead men ~~W~~ To—Appva. 4/11
184162	4-7	At Coast Supt	Quarterly inspection. ~~W~~ Fwd Bost For rec and estimates. 4/15 RB 5/5 To Bost—Appva estimates. 5/16.
184038	4/6	Dist S upt, Bost	Asks if should not be furnished with audion amplifier 898
185331	4-18	Bost	Relocation of mast; fws tracing. ~~W~~ .
185347	4-15	Bost	Inspection of buildin s. ~~W~~ Fwd Y&D—Reqt estimates to remedy defects in. 4/24 RB 5/27 Fwd L&D—6/2 L&D returns corres 6-5
186053	4-25	Bost	Estimate for manufacturing table for direction finder. ~~W~~ . To—Appva. 4/29
186572	4/26	NY	Radio set received from North Truro will be expressed Washington Yd Apr. 28th. ~~W~~
191119	6/14	Bost Supt	Reqt disposition of material no longer re- quired. ~~W~~ To S&A—(2) Reqt for shipment. 6/20
191121	6/16	A tl C oast R adio Supt	Quarterly inspection; fws report. ~~W~~ Fwd Bost—For comment. 6/20 RB 6/30 Fwd To Bost—Gives action on. 6/30

CAPE COD: RADIO 802

Number.	Date.	From or To—	Subject.
✓ 199720	8-7 8-16	Bost Supt Bost	Report of inspection; submits estimate for work recommended. W To—Appvs estimate 9/20
✓ 204412	11-2	Clark,	Sisconsett; reports breakdown station. W
209852	12-22	Bost Supt	Copy of inspection. W
1917			
✓ 216905	3/20	To Bost	NSE 25-B and Bu records differ. Reqt further information. W NB 4-14
✓ 218928	3-20	Bost	Lists apparatus for installation; re commends new transmitting set. W
221565	3-26	Bost	States quarters radio station inadequate; request tents be supplied for marines. W To—Reqt further comment and rec. 4/11
224794	4/24	Bost Supt	Report of inspection W To Bost—Appvs repairs. 5/1
✓ 231319	5/1	To S&A	Reqt shipt of trans set from NY to Bost. W To Bos. Request that you have Radio transmitting set del immediately to Cape Cod Sta 12/18

CAPE COD: RADIO:

Number.	Date.	From or To--	Subject.
✓ 159790	7-7	To Bost.	Report of progress of work on radio direction finding apparatus; reqt outline and status of. W Bost 7-12
162806	8/3	Bost	Quarterly report inspection. W To--If necessary install steel stays to replade hemp stays. 8/10
163150	8-11	To Boston	Wave changer for ex BROOKLYN
165623	9-9	Bost	Estimate for installing wave changer ex-BROOKLYN. To--Appvs est. 9/14 To S&A--Reqt shipment wave changer. 9/14 to S&A--Reqt shipment wave changer to Bost. 11/5
172213	11-22	Bost Supt	Reports receipt of Marconi wave changer with certain parts short. W To Via Bost--Do not contemplate supplying. 11/26
172399	11-24	Supt Bost	Report of inspection. W
✓ 172621	11-27	Bost	Cape Cod: estimate for permanent installation of Bellini-Tosi direction finder. W To--Appvs. 12/2
✓ 173625	12/10	Bost	Bellini-Tosi direction finder; reports on. W
173956	12-13	Supt Bost	Reqt rotary spark gap for. W To S&A--Reqt shipment of from NY. 12/18

CALL CODE: 802

Number.	Date.	From or To--	Subject.
173978	12-13	Supt Bost.	Inventory of pr party. W
174713	12/22	Bost	Fwds inspection report and submits estimate for installing Marconi quenched gap spark. W To--Authorizes. 12/29
175050	12-30	To Bost.	North Turo - direction finder; directs further tests with a view to ascertaining accuracy for determining direction of passing ships. W
176626	1-12	Supt Bost	Relative to test direction finder. W Fwd rpt--Doc 1766 be detailed to Bost for use in test; also rect. Chacoure be detailed for use in test. 1/2 RB 2/2 Fwd Bost--2/5 RB 2/9
177616	1-29	To Bost,	Bost Survey 651-W; re items surveyed to be replaced. W Bost replies 2-5 To Bost--instrs re replacements of articles. 3/1
179546	2-19	To Atl Flt.	Fwds copy Notice to Mariners in which announcements is made of opening of Naval Radio Direction Finder Station; rect naval ships avail themselves of this station and report be made as to value of. W
180365	3-3	To S&A.	Rect shipment of radio receiving set to Bost for Page Cod. W Fwd Bost--Have recd shipment of. 3/4
180649	2/29	Dist Supt Bost	Report of test of Bellini-Tesi direction finder conducted in connection with Cape Cod Station

896

CAPE COD: RADIO.

1914

Number.	Date.	From or To—	Subject.
127275	6/8	Bost.	Report of inspection.W
128238	6/18	Bost. 6154	Artesian well; recommends question of repairing well taken up with Lighthouse bureau.W To Dept:rec obtain water from well on adjacent Light-House property.6/26. Fwd Dept.7/9
✓ 130161	7/19	DEPT of Commerce Dept.	Cape Cod Lighthouse; states impracticable to enter into agreement with Lighthouse Reservation for supplying water; not sufficient water in the well.W Fwd Dept.7/23.
131134	7-29	Y&D	Towers at Chelsea, Mass; fwsa location plan. W
134883	9-10	Bost	Report of inspection.W.
✓ 139968	11-18	Bost Sunday Post	Reqt description of apparatus for helping ships in fog.W To—has not yet reached stage where public announcement may be made 11/20
✓ 141640	12-9	To Bost.	Have recd shipment of Bellini-Tese apparatus; reqt estimates for installation.W To S&A—Reqt shipment. 12/9
142175	12-12	Bost	Report of inspection

CAPE COD: RADIO

1015

Number.	Date.	From or To—	Subject.
146263	2-3	Bost R	Recd authority to send Chadbourne in connection with installing Bellini-Tosi set. W
147225	1-26 2-4 2-13	Bost BY Bost	Recommends issue of variable condenser for use with Bellini-Tosi direction finder. W
149517	3-11	Bost	Estimate for repairing Bellini-Tosi installation at W To-- Alve. 3/15
150527	3-23	Bost	Quarterly inspection. W
151219	3-26	Bost	Reports on condition of embankments. W Fwd Y&D-- For comment. 4/3 RB 4/6 Fwd Dept-- Rec be ret'd to Bost for detailed comment. 4/9 RB 4/26 Fwd Dept-- 4/27
153389	4/27	Bu Light Houses	Rwqt status of proposed experimental plants #12
154586	5-9	Bost	Out of commission Mon and Tues on account of repairs. W
157999	6-14 6-15	Dept Commerce Dept	Asks what Navy desires to be done to prevent undermining of guy of radio mast; expense to be borne by Navy Dept. W Fwd Y&D-- Comments on. 7/16 To Bost-- Recd rec re arranging mast. 2/28-16
158253	6-16	Bost	Quarterly report of inspection. W

CAPE COD: RADIO

1913

Number.	Date.	From or To--	Subject.	
104965	8-28	Bost 13	Reports inspection W. Fwd Sup. Radio ~~W~~ re return of wave meter in Cape Cod. 9/6	
105149	9-2	Bost	Placed in commission 9-5. W	
106099	9-19	Bost	Submits estimate for repairs to buildings. W To-- appd 9/22	
107732	10-10	Bost	Proposed extension storage battery room W Ret--approving recommendations. 10/14	FB 1130
107762	10/13	To Bost.	Bost. reqn. 243 for detector stand type 1-F-76; request explanation as to why necessary to purchase. W Bost. 10/15. gives detailed explanation of reqn. 243 for wireless material. W	
112623	12-10	Bost	Report of inspection. W To-- ~~W~~ request shipment of stone re- ceiver to Washn. Estimates in par.? appd. 12/15. Bost. 5/16. reat wave meter be returned from NY yard. W Fwd NY VIA S&A 5-18	
114386	12-13	Bd Insp. For Shore Sta	Report of inspection; Fwds. W	
116995	2/6	To Bost	Telefunken compass outfit to be shipped from NY to Boston. reat estimates for installa- tion at Cape Cod. Guy Hill detailed to connection with.	635-2

CAPE COD: RADIO: 802

Number.	Date.	From or To—	Subject.
118853	2-27	Bost	Sub Inspector Hill reports insufficient room for installing Telefunken Compass outfit.W To --- outfit should not be unboxed. 3/4 To NY request rec. for installing at Fire Island. 3/3. BELOW
119098	3-2	Hill, Guy Bost 6154-2	NY will report 10 days 3-9 To NY request rec. Fire Island. 4/13 Installation of Telefunken compass: will require more land to make satis installation.W TO Bost no further steps 3-12 will possibly install Bellini-Tosi 3-17
120690	3-23	Bost	Copy of report of inspection.W. To --- & S&A. Request shipment from NY to Cape Cod of Hartman & Braun hot-wire anemometer. 3/25.
120979	3-23	Bost	Report of inspection. W
122273	4-7	Bost	Reports on erosion of cliff: fwds b/p. W
118855	ABOVE	ABOVE ✓	To Bost S&A --- request shipment from Bost to NY of Telefunken radio compass outfit 6/3
126864	4/12 6/6	Bost. Washn.	Wave meter for: fwds corres. re shipment of: mislaid by clerk. Meter has not been shipped.W To N.Y. via S&A shipping insts 6-9rd 8 ret. Washn. insts. 6-9 ret. S&A 9-9
126913	6/4	NY	FIRE ISLAND; understands Telefunken compass is to be installed at, in lieu of at Cape Cod 812

1912

FILE CODE: W.T. STATION:

Number.	Date.	From or To--	Subject.	
✓ 66187	4-10 4-12	Commerce & Labor 1479-493-2	Reports oil house used by Wireless in bad condition; submits estimate for repairs; Navy to pay for same. W To Bost. repairs appd. 4/16. Ref Dept. with letter prepared for sig. for C&L 4/16.	
66752	4-17	Boston	Reqt. instructions re making cadmium test storage battery. W Fwd NY. retest print be fwd. 4/27. RL 6-6	
67414	4/25	Associated Press	A BOSTON: fwsd commendatory letter of thanks for service rendered by Boston and Cape Cod Sta. during previous winter.	843
68594	5-10	Bost	Report of inspection. W To--approves painting of buildings and masts; etc. 5/18.	
✓ 68866	5-14	Bost 3001-4	Repairs to oil house; recommends work be done by hard force; in lieu of C&L. W To--appd. 5/18. Fwd Dept. Rec appr. 5/18.	
✓ 69019	5-15	Bost 3730	Estimate for fitting slate roof. W	
77947	9-10	Bost	Quarterly report. W.	
✓ 79525	10-2 10-3	Cape Cod Bost	Reqt. typewriter and bicycle. W To Bost. Reqt. requisition be prepared for bicycle. typewriter not necessary 10/8	

CAPE COD RADIO. 802

Number.	Date.	From or To—	Subject.
83517	11-22	Boat	Report of inspection. W
✓ 86663	12-26	Boat	Description, fwds. W. 1913
87958	1-7	Cape Cod	Estimates for arr. for hoisting colors. W Fwd Boat. Erection of flag pole not appd. 1/21.
90420	2/4	Boat.	Radio: report of installation. W To---repairs appd as listed. 2/17. Boat reqt. specific allotment 2-19
✓ 90489	2/6	Boat. 6154	Recommends long distance telephone "or." To---Recst submit recn. 2/19.
91274	2/25	Boat.	Fwds inspection report. W
94532	4-5	Boat 13	Inspection; fwds. W. To---Instructions re completing work. 4/10 To---request status of work. 5/15.
✓ 98263	5-23	Boat	Reports on status of work. W
98489	5/28	Boat.	Fwds inspection report. W
104375	6-22	Boat	Report of inspection. W To---issue of addtl fire extinguishing apparatus, and sheet iron cowl authoriz- ed. 8/27.

Cape Cod Station

FILE No.	From or To— (Dated)	Subject.
✓ 34039 1/19 3/14	Cape Cod Boston 91	Reports cost of material for repairing 2 hydro carbon lamps. W
35376 3/10 3/51	Cape Cod Bost 2280	Repairs to hot wire ammeter. W.
35386 4/3	Bost 127	Quarterly report of inspection W.
✓ 43699 7/10	Bost 356	Quarterly report inspection. W
✓ 56336 12/12	Boat. 738	Report of inspection. W To—Directs furnish instruments as rec. in paragraphs 4 and 6. 1/13.
59348 1/12	Bost	1912 Reports inspection. W.
✓ 59349 1/20	Bost	Have requested GSK to make requisitions for volt and ammeters and testing instruments. W
✓ 65536 4-2	Bost	Report of inspection. W
✓ 66058 4-9	Dept	Not fitted with apparatus for conducting Cadmium test storage batteries. W Fwd Bost. for compliance. 4/12. R.B. 5-8.



[illegible]

CHARLESTON

RADIO STATION

1922

Number.	Date.	From or To—	Subject.
✓ 643112	9/25	Chasn.	Request auth to ship damaged arc chambers to Washington Yard to be welded. To Chasn— auths shipment cc Washn 10/4
/ 643864	10/3	N.Y.	Copy of letter to S&A stating 100 insulators shipped to Chasn. 2/28. W. S&A— Copy action to Chasn. 10/13 W
/ 644157	10/3	Chasn.	Quarterly inspection report. W.
/ 644893	10/9	C&R	Copy of letter to Chasn. stating 20' Cutter 409 sold. YV.
648090	11/9	To Chasn via S&A	Rqm for electrical motor— disappvd W
648418	11/6	To S&A 1426	Reqt shipment of rectifier from Washn to SO Chasn W RS 1/4/23 W

N. Eng. 184
CHARLESTON RADIO STATION

1922

Number.	Date.	From or To—	Subject.
	11/6		
✓ 649964	11/14	Charleston	Rgs's instruction covering disposition of Simon 861 transmitter W T. Chasn- Rgs's action taken 12/5 Chasn- 12/19 Rgs's allotment be made covering missing parts W Chasn. 1/3/23 Rgs's action W
✓ 653909	12/14	Charleston	Quarterly inspection report W

1922

CHARLESTON RADIO STATION

Number.	Date.	From or To	Subject.	
✓ 627418	6/9	Chasn. (T)	Motor at Jarvis Island burned out - request auth to ship to Chasn. for repairs w/ S&A 6/10 Copy of action to Charleston W	
✓ 630892	6/28	Chasn.	Quarterly inspection report - W. To Chasn. rel report 7/8 Chasn- 7/13 W	
631415	7/5	Y&D	Copy of letter to Charleston allotting \$16 for boiler & range Kw	604-22
✓ 635092	7 27	Chasn. (T)	Request pur standards check wave length. To Charleston- Rqsts special test 8/14 W	W.

CHARLESTON RADIO STATION

1922

Number.	Date.	From or To.	Subject.
✓ 635688	8 / 9	To Chasn	Power for Radio Station- Reqs'ts Recommen be made W Chasn- will operate navy power plant for few months longer. 8/14 W
✓ 637209	8/8	Chasn.	Request disposition of engineering draft- 794 ing records of closing of yard. D
637772	8/11	Chasn.	Request original assignment of radio apprs be cancelled and new instructions be issued. W to Chasn via SEA- rel stat s of shipment cc Norf 8/29 Chasn. 9/25 W.
✓ 640015	8/30	L. D. Rubin Elec. Co.	Takes exception to Chasn. Yard interfering with local radio sets. 9/6 W 908 Fwd'd Nav Communications 9/6 W RE 9/11 W
✓ 640569	9/5	Chasn. (T)	Request 20' cutter 409 in used material account be issued to Chasn. radio station. W. Fwd'd C&R cc Chasn 9/12

CHARLESTON RADIO STATION

1922

Number.	Date.	From or To—	Subject.
611503	2/21	6th Dist.	News report showing discrepancy in radio operation by radio station at Washington. W.
611429	2:27	To Chasn T	Re dashes for wavelength measurement-failure-directs do so hereafter. W
611863	3/1	T&D	Copy of letter to Chasn. auth point towers at distant central station. W
615240	3/22	Chasn.	Sublist of uncompleted radio items. W.
617098	3/30	Chasn.	Quarterly inspection report. W.
617183	4/7	To Chasn	To Chasn- Request inform rel comment 4/8 On 3-11-22 received set of loading coils of variable type. 4/12 W To Chasn- Gives inform rel coil 7/13 Radio Station Chasn - Antenna failure Request report W Chasn- Report on antenna failure. 4/12 W

1922

Number.	Date.	From or To—	Subject.
618618	4/12	Chasn.	Request disposition of excess radio material on hand.
621769	5/2	Chasn.	Crack developed in 30 KW arc- ask probable dates of delivery of new chamber. W. To SCA- gives II form 5/12 S&A- Ask if desire express shipt 5/31 W. S&A SCA 6/8
622573	5/5	Chasn.	Request make special allotment cov painting of towers. W. Y&D 11/17 Copy action to Charleston W
624297	5/22	To Chasn	Spare arc chamber WK
626836	6/6	Chasn. (T)	Obligation for arc chamber omitted in estimates savings - gives estimate. WK Charleston 6/15 T. Ask if money has been transferred W Charleston 6/19 T Not required K To Chasn (1) regsts action 6/16

CHARLESTON RADIO STATION

1921

Number,	Date,	From or To—	Subject.
592762	10/26	Y&D	Instln of addtl 300' tower completed with saving from allotment. W. Y&D—Copy action to Chasn. 10/26 W
✓ 593597	10/31	6th Dis copy	Are system will be inoperative while new top mast and antenna system are being installed. W
✓ 596705	11/19	Y&D	Copy of letter to Chasn. in conn with addtl savings under allotment 1601-10 W.
596853	11/21	Y&D	Report on saving under allotment covering constrn of tower footings. W.
597548	11/21 11/26	Chasn. Y&D	Request realloiment be made cov cost of painting towers. W. and Lds & Locks 12/1 Y&D—Copy action to Chasn. 12/2 W
✓ 597631	11/21	Chasn,	Request radio compass bulletins listed be furn. W. To Chasn. 12/10 cc Phila R. 12/10 cc Chasn 12/10 Chasn. 12/14 W

Number.	Date.	From or To—	Subject.	
✓ 599698	12/9	Y&D	Instln of new mast on old towers completed with saving from allotment. Y&D- Copt action to Chasn. 12/9 W.	
✓ 601073	12/19	Y&D	Copy of letter to Chasn. fwding approved credit cards cov savings from allotment.	W
✓ 601812	12/14	Chasn.	Quarterly inspection report. Y.	
1922				
✓ 608787	2/3	Chasn.	Request spare parts listed for 30 KW are be furn. W. protestet 2/16 to Chasn. 2/23	
✓ 609489	2/13	Chasn.	(1) Request one entering insulator be shipt at once. Y. To SAA Request shipt of insulators from Chasn. to Chasn. 2/19 2/16	n to

Number.	Date.	From or To	Subject.
565183	5/21	6th Dist. C py	Transmitter will be out of commission 5/22 Chasn 5-24 Chasn 5/27
568690	5/8	Y&D	Copy of letter to Chasn. stating allotment cov new steel pipe masts will be reduced. W.
570671	5-23	To S&A	Regst shipment of wave change from Phila to Charleston 7/23 RB 9/30 Chasn- ask if wave changer will be furn. 7/22 W To Chasn 7/29
573608	6:30	Chasn	Quarterly insp report Chasn Rec Sta. W
573609	7:1	Chasn	Quarterly inspection report Chasn Trans Sta. W
573790	7:10	Chasn	To Chasn- 7-12
575303	7:1	Chasn	
575300	7:10	Chasn	
			Fwd Y&D 7/23 RB 8/30 W Fwd Copy action to Chasn. 7/26 W. Fwd Chasn 9/2 To Y&D 8/23 RB 9/14 W Fwd Y&D & Locke 9/21 Charleston 9/20 W Y&D-Copy action to Chasn. 9/23 W.

CHARLESTON RADIO STATION

1921

Number.	Date.	From or To	Subject.
✓ 577866	8-1	To S&A	Reqt shpmt of radio material from Wash to Charleston W 8359 RB 7/31/22 W S&A 8/13 Copy action to Camp Ads W
579372	7-1	Chasn.	Report on status of funds for radio stations in S&A Dist 8-12 W. To Chasn 8-12 W.
581685	8/18	Chasn.	New ground system -fwds prints of estimates.W To Chasn 8/25 Chasn- fw's photos. 9/22 W. To Chasn Authd 10/12 Charleston 8/20 W
581875	8/18	Chasn.	Ground system- fwds prints and estimate. W.
584851	9-7	Chasn.	Reqt plans for instln of arc leadin insu- lators. W/ To Chasn no plans have been developed 9/21
589533	9/30	Chasn.	Quarterly inspection report. W. To Chasn- Gives Action 10/12
✓ 589800	9/30	Chasn	Quarterly inspection report. W.

CHARLESTON RADIO STA.

1921

Number.	Date.	From or To--	Subject.	
546480	2-18	To S&A	Reqst shipment of leading coil from Washn to Chasn W	6359
547831	2/21	Communications	Ask if cutting off power at Chasn. radio station on Sunday is routine. W. fwd Chasn 2-25 RB 3-5 fwd Naval Commun 3-6	
549400	3-5	To Chasn	Comdr Hooper will visit yard on March 10th W	
550241	3/6	Communications	Request comments on improving Chasn. San Juan circuit in conn with handling of commercial traffic. W. San Juan- Copy- Able to receive Chasn. with little difficulty. 3/11 W To San Juan 3-10 To Dir Communications 3/21	
551982	3/21	To Chasn	Reest inform re conditions of operations w Chasn- Fwdk Interpretations of operating instructions. 4/11 W. To Chasn Gives comments 4/28	
553757	3/22	Chasn.	Quarterly inspection report. W.	
554459	3/29	YD	Copy of letter to Chasn. stating approved allotment cards being fwded. W.	
554584	3/28	Chasn.	Quarterly inspection report. W.	

N. P. 134
CHARLESTON RADIO STATION

1921

Number.	Date.	From or To—	Subject.
556802	4/2 4/11 To Chasn 6-1	Chasn. S&A	Request two addtl typewriters be authorized for distant controll station. W. Fwd Chasn 4/16 RB 5/2 W. Fwd S&A 5-10 Chasn- 1st addtl allotment of \$500 cov typewriters. 5/18 W.
556848	4/15	To Chasn	has no record of receipt of reqn providing for conn of radio station to city power supply as discussed with Comdr Copper-Inform reqstd as to status of project W Chasn-4:25-W To Chasn 5-13
Chasn117	4/12	To Comdt Chasn	Chasn- Report on agreement entered into. 6/3 W Provides Bicycle for Radio Insp. W H
559511	4/19 Y&D- Cannot install pipe mast during present week. 6/7	Chasn. W.	Subm recommendations with estimates cov repairing old towers. W. Fwd Yds & Decks cc Chasn 4/25 RB-4:29 Fwd Yds & Decks cc Chasn 4/30
559604	4/20 4/23 Chasn- Fwd drawings 6/20 W To Chasn 8/15	Chasn. Communications	Request authority to draw radio telephone set from store. W. Fwd Chasn cc Dir communications 4/30 To Chasn 5-26
561941	5/4	Y&D	Shipt order from Wash to Chasn 5/26 7540 RB 9/21 W to letter to Chasn. claim. 5/26 to facing new mast on old towers. W.
562312	5-9	To Comdt Charleston	Non comm with San Juan- reqst comments. W Chasn. 6/9 W Fwd Comu 6/20 RB 6/24 W
564004	5-17	To Chasn	Comments of DRMO reqstd on inspection report of DCE as regards material matters. W Chasn. 5/24- Subm eleme. comments. 5/24 W

CHARLESTON RADIO STATION

1920

Number.	Date.	From or To--	Subject.
512721	8/17	Chasn.	Request one armature for Stahl commutator be turn as a spare. W. To Chasn. 8/26
514424	9-1	To S&A	Recd shipment from Washington to Chasn radio status W Chasn 9/15
517077	9-15	To S&A	Recd shipment from Boston to Chasn. W Chasn. 10/18 W
517684	9-10	Charleston	Fwds inspection report: W To Chasn. comments 9/20
519262	9/21	Chasn.	Quarterly inspection report. W.
522888	10-16	To Chasn	Recd status of modified antenna and ground system. which will be used for 301 of third tower trans. from status report. 10/29 W.
522888	10-16	To Chasn	Chasn- Requesting inform as to nec use of Caronashield type sale. W 3/24 To Chasn appvd. 3/26 To Chasn (T) To Chasn (T) decline it be reduced 10-25
522888	10-16	To Chasn	Ask any station near or out of commission why are they still in use until evening 19 no advice regarding of them for intervention W. Chasn- Copy- Power plant shut down 10/24 for making electrical connections. 10/24 W 6th Dist- Copy- All transmitters will be out of commission 10/25 10/22 W. Charleston: copy are making temporary repairs: 10-27: W

CHARLESTON RADIO STA.

Number.	Date.	From or To—	Subject.	
✓ 455441	10-28	To S&A	Request submt of Radio 911 from Washn to Charleston 11-9 W.	
✓ 528143	11/8	Communications	Fwds prints showing battery platforms.	d.
528268 4	11-12	To Charleston	Request info if repairs have proved satisfactory W Chasn 11/12 W.	
✓ 532934	12/3	Chasn. Copy	Station will be out of commission 12/5 on account of power being off.	
✓ 536516	12-21	Chasn	Fwds quarterly inspection report. W	
✓ 536849	12/27	Chasn	Quarterly inspection report. W To Chasn gives inform 1-29	
✓ 539862	1-14	To S&A	Request submt of insulators from Norfolk to Charleston W 5912 Rb 2-28	
540355	1/15	Chasn.	Request platform be allocated on radio To Chasn 1-25 copy Y&D Y&D—Copy of action to Chasn. 1/31 WK	
543392	1/28	Y&D	Towers at Chasn Radio Station completed with saving from allotment. RA & J	604-21

CHARLESTON RADIO STATION

Number.	Date.	From or To	Subject.	
484933	3/26	Chasn.	Quarterly inspection report	W.
484936	3/27	Chasn	Quarterly inspection report	W.
486422 7	4/8	Y&D	Fwd: sketch showing proposed locations of 3d tower at Chasn. station, with comments To Y&D: request expedite award of contract for third tower 4-15 copy cut Chasn Y&D- Copy of action to Dept. 6/12 A	W
489644	4/21 4/24	5th Dist Communications	Quarterly inspection report Fwd Chasn. 4/28 RB 6/1 W Fwd Com 6-10	W
497369	6-4	To Comdt Chasn	Correction of arc wave length- W	
498299	6/5	Y&D	Request recommendation of award for allotment to finish towers. Fwd Y&D 6-9	W.
498552	6/4	Chasn.	Quarterly inspection report	W.
498867	6/3	Chasn.	Quarterly inspection report	W.

Number.	Date.	From or To.	Subject.	
500437	6/19	Chasn. Copy	Station will be out of commission 6/20 - power supply under repair. W.	
500472	6/19	Y&D	Request addtl allotment cov over expenditure of painting mast, risings, fence and exterior of building at Distant Control and Receiving station W. To Y&D- additional allotment \$183.87 6/2	
501721	6/25	Y&D	Copy of letter to Chasn. making allotment covering over expenditure involved in repairs. Y.	
505725	7-19	To Comdt Washn	Installn of uniwave arc signalling system at Charleston Radio Station W co. Cdt Chasn To CC CHIC 11-10 shipt to CC signalling key for test -	
505971	7-26	To SEA	Request shipt of signalling systems from Washn 8/15 W. 3822	
480260	2/9 7/24	Chasn 27	Best motor generator removed from Light vessel #94 be assigned to Chasn transn Sta Y 747-3	
509765	8/4	Y&D	Request addtl allotment \$350 covering increasing depth of tower foundations. W To Y&D- allotment made 8-9	
511013	8-12	To Charleston(T)	Shipt pump and motor from Washn 8/7 W for reship to Bar Harbor for Sea Wall. To Chasn. Canc of despatch. 9/2	

N.S.E. Form 134.

CHARLESTON: RADIO SECTION

Number.	Date.	From or To—	Subject
458950	11/22	To S&A	Reqt shipment from Norfolk to Charleston one Stahl rectifier W RB-1;23
461182	11/29	Chasn	Quarterly inspection report, radio transmitting sta. To- recs in conn with inspection report 12/5 Chasn - 12/9 W
461183	11/29	Chasn.	Quarterly inspection report, Control Receiving sta. To recs 12/5 copy DCS 6th Dis Chasn - 12/9 W to Comdt Chasn - Increase allow t \$5,000. copy to Y&D. 12-16
461301	12/1 12/3	Chasn. Com	Quarterly inspection report. and Commn 12/6 W
461834	12/9	To S&A	Reqt shipment from Washington to Charleston radio apr, W RB-1;23
464312	12-22	To Y&D	Reqs expedite matter of purchasing radio towers from Cuban Government. copy to Comdt Chasn. W To Y&D 2/13 copy Cdt Chasn Y&D 2/16 To Y&D 2/18 Y&D- 2/27 To Y&D 3/5 copy Cdt Chasn

CHARLESTON: RADIO STATION

1920

Number.	Date.	From or To	Subject.	
469679	1/15 1/16	6th Dist Communications	Quarterly inspection report/ Fwd Chasn: 1-19 HB-1;31 fwd Com 2/3	W.
469437	1-15	To Chasn (T)	Retain Woods loop at radio station for comparison with grounded loop as regards their comparative signal strength. etc. W To Cdt Chasn 2/13	
471687	1-24	Chasn copy	Long Island Compass Transmitting Charging Panels engine cylinder scored deeply-unit too small recommends gas engine driven gen be furnished. W	
470852	1-24	To SEA	Req shipment amplifier from Wash to Chasn. W Chasn. 3/1	
464310	1-20	Charleston	Outline of radio work:	504
464310	1-21	Charleston kkk	Outline of radio work Charleston Lab;	504
464310	-1-21	Charleston	Outline of radio work Charleston, Trans- mitting Sta;	504

1919

CHARLESTON RADIO STATION

Number.	Date.	From or To--	Subject.	
412928	4-24	Waded Chasen	Info reqd present condition of choke coils now in use. W RB 4:30 To Chasen Tel 5-8	
417954	5:9 5:12	Charleston Com	Quarterly Inspec Report Charleston Dist Cont Station.	W
425970	6-18	To SIA	Req ship from Washn to Chasen one radio amplifier W	
✓ 429437	6:17	Charleston	Sh. for permanent bldg to house radio activities at ord. inst. cont.	W
429271	6/28	Charleston	Recd instrs as to disposition of auction bids, broken or burned out in use. W	898
✓ 429676	7/3	To Charleston	Reqs report covering failure of service hof station. W	

Number.	Date.	From or To—	Subject.	
✓ 439965	8;11	Inspr Fed	Fwds report of material shipped cov choke coils to Charleston, W	
✓ 445098	9-9	Charleston	Quarterly inspection transmitting sta.	W
✓ 446286	9-17	Chasn	Distant Control Sta Chasn. Quarterly inspection.	W
449420	10;8	Charleston	Fwds photos of radio station of 6th Dist.	W
451149	10;9 10;11	6th Dist Com	Quarterly inspection report of Charleston Radio Station. fwd Com 10/28	
456671	11/8	To Charleston	Erection of addtl 300 ft self supporting steel tower for naval station Chas. Req recs. W copy Y&D Chasn- Fwds prints of towers. 11/18	

1919

CHARLESTON: RADIO STATION

Number.	Date.	From or To—	Subject.
390470	1:13 1:27	6th Dist Charleston	Sub report of inspec of Charleston transn station.
390471	1:22 1:27	6th Dist Charleston	Submits report of test of Charleston Distant Control Station.
390511	2-1	To SEA	Repts shipment from LY to Chasn. radio tubes—storage of series-charging coils To Chasn—asks acknow receipt 4-9 RB 5/12. RB SEA 5:7
391742	2-3	To SEA	Repts shipment from Wash to Chasn 1 wave absorbing circuit RB 2:24
401473	3-13	To Chasn	Info reqst if rotary converter is available for issue. Charleston 3:19
404256	3:13	Charleston	Reinforce steel towers, asks if masts must be removed. fwd Y&D 3-24

1919

CHARLESTON RADIO STATION

Number.	Date.	From or To—	Subject.
404780	3-24	To Chasn, K. West Tel	Can maintenance radio station St. Augustine be relinquished by Chasn and assumed by KW beginning July 1st next without detriment to common service period brief recom reqstd period desire confine all radio activities within their districts where practicable Navata Chasn Navata K. W. Charleston - 3:27 Tel Key West Tel Radio letter mailed 3:25 W 3:29 Key West Maintenance of St. Augustine can be handled by Key West W 2:25 To Key West Tel 3-28 W 2:25 To KW and Chasn- change be made 4-1
411637	4:11 4:15	6th Dist Charleston	Quarterly inspection report of Charleston Transm station. W
412601	4-22	To Chasn	Authorize expenditure of sum of 250 for purpose of construction loop for receiving at station Chasn. W
373548	Jan 37		San Diego Jan 11/25-Letter of 14th should 375 reason at last of March, gives details. W. Charleston- 11/25 Letter to failure of Charleston St. to rec maintenance traffic rec insal. of loop system.

CHARLESTON: RADIO STATION.

Number.	Date.	From or To—	Subject.	
335011	8:10	Charleston	Transmitting station out of commission. W	
340992	8:24	Super Charleston	Power off at Charleston due to power steam line being repaired.	
379197	11:18	Nav	List of books shipped Charleston radio station and for Government. W Fwd S&A 12-26	
383581	1-10	To S&A	Rects. shipment from Wash to 6th Dist-5 audlon bulb receptacles To 6th Dist-informa of above 1-1 6th Dist - 1:20	W

CHARLESTON RADIO STATION

Number.	Date.	From or To—	Subject.	
387458	1-23	To S&A	Repts shipment from NY to Chasn Radio phones batteries etc	W
387459	1-23	To S&A	Repts shipment from Wash to Chasn- Long wave receiver etc RB 5;7	W
387695	1-23	To S&A	Repts shipment from Bost to Chasn 1 radio transmitting set	W
388654	1:13 1:24	6th Dist Com	Inspe Report Charleston station.	
388655	1:23 1:24	6th Dist Com	Quarterly inspection report Charleston Distant Cont Station.	
389692	1-29	To S&A	Re ts shipment from Wash to Chasn 1 medium wave radio receiver and 1 audio control box RB 5;17	W

807 CHARLESTON RADIO STATION

1918

Number.	Date.	From or To—	Subject.
317222	6-14	Charleston	Ask if books received for radio station should be charged against annual allotment of W to E. C. W. "The Signal", 7/18
328002	7:13	6th Dist	Charleston Inspects report. W
329979	7:13	6th Dist	Inspection report, transmitter station W
328446	7:13 7:19	6th Dist Naval Com	Feds quarterly inspec report/
329973	7:25	Charleston	Regst linoleum be sup are transmitter room and control room of station, W to W. C. W. approved. 7/29
331044	7/31	To Ch. sn.	Repts. report covering cause of failure of service on leased lines. Charleston 8:7

CHARLESTON RADIO STATIONS.

Number.	Date.	From or To—	Subject.
268020	12/17	Y&D	Estimate for strengthening old towers.W
268728	12/15	Chasn	Pacific Coast Station intercepted by Chasn.W Chasn reports are signals intercepted 12-17
268820	12/15	Comm	states when broad casting on the spark on the 2400 meter messages can be heard on the arc listening in wave of 4000 meters does not interfere with reception of arc signals.
269072	12/26 n	To 6th Dist	Recommendations requested as to establishing radio repair stations at Savannah, Ga. W
273983	11/27	Chasn	Chasn 2-1 Fwd S&A 2/12--RB-4/9 See Card 18 Sanitary inspection distant control station Charleston--fwd report.W To--4 vs. 1/17 Tests co-stermometer be furnished for use at sat station--1-5-18
274448	1-13	Chasn	Request prints of photographs listed be supplied for station for use of "Machinery Repair Book." W Fwd Chasn --1/21
274889	1/14	Chasn	Request authority for certain civilians to enter station for repair work.W To--Gives action.1/21
275798	1-15 1-25	Chasn Y&D	Recommends independent power lead be in- stalled in connection with insulation of new 5 kw set.W Fwd Y&D--1/29

807: CHARLESTON RADIO STATION.

Number.	Date.	From or To—	Subject.
✓ 281113	1/30	Chasn	Request long wave receiver for use of distant control station.W To—A, pvs. 2/15 To S&A—Reqt shipt of radio rec set from Wash To Chas, 2/18
✓ 281331	2/9	Chasn	Control wires between distant control stations and transmitting stations fws prints.W
281283	1/31 2/11	Chasn Navgn	Request laboratorian be furnished - W Fwd Navgn—2/18
2886991	1-22	Chasn	Reports on inspection of radio set. W
295463	4/5	C&R	Motor dory 4212 issued FAIRFAX 4211 boiler.Y <i>Separate</i>
295464	3,29	Chasn	Reqt ~~destroyer~~ for distant ~~service~~ .W Fwd Chasn—4/8
✓ 299656	4-20	Y&D	Heater and sewer connection, Chasn.W

1017

CHARLESTON RADIO STATION.

Number.	Date.	From or To—	Subject.
251736	9/28	To Chasn	Reqt report with comment. on report that radio station was out of commission. W Chasn 10/8
251930	9/29	To Chasn	Reqt comment with info re report of radio station being out of commission. W
253561	10/8	Y&D	Radio building laboratory quarters; additional allotment for requested by Chasn.W
254376	10/9	Chasn	Request additional equipment for distant control station.W To—Grantsmith.10/19
255515	10/16	Chasn	Gas engine driven generator for transmitting set; submits estimate.W
255526	10/19	Dept VOID	Copy of letter to Nav Intel. requesting Chilean Naval Attache be advised Curtis Co is arranging for delivery of R-6 type aeroplane. DA
255548	8/21 10/17	Communications. Chasn Chasn	Request flagpole be erected on distant control station.W Fwd Chasn--10/23

CHARLESTON RADIO STATION. 807

Number.	Date.	From or To—	Subject.
✓ 256003	10/17 10/22	Chasn Y&D	Extension of radio station building; reports over expenditure and request allotment for W Fwd Y&D—10/24
✓ 256251	10/24	Standard Motor Const Co	T States clearer letter must be sent immediately. Y
255545	10/25	To Y&D	Charleston radio trans station. Gas engine generator for. Ask if supply of power from yard can be made reliable. W Y&D 11/19
232848	SEE CARD 13		To Y&D—Makes allot of \$175. 10/30
✓ 261259	11/2 11/13	Chasn Communications	New 300' towers; fws vandykes showing. W To—Reqt further comments on. 11/23
262273	11/21	To Chasn T	Directs obtain radiation ammeter from Phila. W
✓ 263036	11/20	Chasn	Request accounting instructions covering Ordnance material issued. W Fwd Ord—11/26 RB 12-8 Fwd Chasn—12/11

CHARLESTON RADIO STATION.

Number.	Date.	From or To—	Subject.	
243784	8/14	Chasn T	Reports alternating current power available for distant control. W	
✓ 244054	8/13	Chasn	Cabinet to house telegraph apparatus: f.w.d.s drawing and estimate To: App's manuf. 8/24	
245809	8/23	Chasn	Distant control station ready to be placed in commission. W To Nav Com--8/31	
246678	8/30	To Chasn T	1/C K.W. radio set ship't Port Royal July 25th. Reqt reason for using Pial set. W Chasn 8/31	
246817	8-29	Chasn	Distant control radio station: reqt list of work should be done on Oct 1st for re-equip.	
27	9/5	To GE Co. Chasn.	Details of motor generator for arc trans for Chasn. Detailed comments on specs for.	629
247881	9/7	To Chasn	Reqt information re radio station being out of commission. W Chasn larger antenna grounded, on account of breaking of insulators by lightning 9/20	

CHARLESTON RADIO STATION. 807

Number.	Date.	From or To—	Subject.
246853	9/8	To Chasn	Distant control radio Station. Gives action on items and ests covering work. W
247541	9/13	Chasn	Request \$400 for furnishing enlisted men's quarters at radio station. W To Chasn—Reqt further information. 9/21 Chasn 9/28 To Chasn—Directs submit reqn for furnishings for men's quarters. 10/6
232586		CARD 13 To Y&D—Will postpone building until after the war. 11/13 To Y&D—Directs strengthen towers. 11/15 Chasn 11-26 To Chasn—Appvs recd as listed. 12/4	Y&D estimated cost for towers 9/24 To—Give action on ests. 9/28 11/15 Chasn—Reqt plat of ground be expedited. 9/29 Chasn fwds prints 9/19 Fwd Dept via Y&D—11/3 RE 11/8.
251122	9/20	Chasn	Request information relative to arc wave changer being manufactured at Washington for. W Wash 10/3 To Chasn—Grants auth to manuf motor driven air compressor. 11/21
251121	9/19 9/22	Weather Bureau Chasn	Request changes to heliyard arm in connection with storm warning equipments. W To Chasn—Auth work. 9/28 Fwd Wash—9/27 Chasn 10/1 Chasn 11/13 Reqt authority to construct fence around radio transmitting sta. W To—Gives action on items 10/1 Chasn submit estimate 10/8 To Chasn—Grants auth. 10/19
251719	9/12	Chasn	

917

CHARLESTON. RADIO STATION.

Number.	Date.	From or To—	Subject.
✓ 233266	6-5	Chasn	Reqt apparatus listed in order to complete receiving equipment. Duplex station. W To SAA—Reqt script of apparatus from Wash to Chasn. 6/19
✓ 233260	6-9	Chasn	Distant control station; estimate for miscellaneous work. W To—(T) Appvs ests. 6/13 To—(T) Appvs ests. 6/13
✓ 233606	6/12	Chasn	Recommends radiation ammeters be sent to NY for repairs. W
✓ 234549	6/20	Chasn T	Request authority to issue passes to certain employees. W To—(T) Appvs. 6/21
✓ 235433	6/23	Chasn	Insulators for mast guys. Chasn Distant Control Sta; contractors state delay due to difficulty in securing insulators. W To YCD—6/27 Fwd YCD—6/29 RB 7/6
✓ 235618	6-23	Chasn	Alterations to radio stations; submits est. W To—Appvs est. 6/28
✓ 236567	7/3	Chasn T	Request authority to issue passes W To—(T) Auth. 7/3
✓ 237635	7/10	To YCD	Reqt and authority to extend extension of extension of extension. W YCD has now knowledge of extension. 7/13

CHARLESTON RADIO STATION. 807

Number.	Date.	From or To—	Subject.
✓ 239985	7/16	Chasn	Distant control radio station, motor generator for; fws copy of specifications, with recommendations. W
To—	Directs	accept motor gen. 8/30	Fwd Wash—7/31 RB 8/7 To—Detailed contracts en. 8/9
✓ 240216	7/19	Chasn	Chasn asks what disposition shall be made of DC motors and also if motor generators shall be accepted in their entirety 8/25 Request authority to manufacture cable for radiostation; fws print. W To—A ppvs est. 7/26
✓ 240237	7/24	To Chasn	Re comment and information re report that station was out of commission. W Chasn 8/1 To—Chasn gives recommendation. 8/9
✓ 240920	7/28	To S&A	Reqt shipt of trans set from NY to Chasn. W
To Chasn—	9/26		To Chasn—Reqt plans and ests covering install. 7/28
Chasn fws	plan 1D/3		To—Reqt shipt of radio sets from Chasn to Wash for dispo. 7/30 Chasn 8/13 To Chasn—Gives action. 8/17 Chasn 8/21 To Chasn—Arrvs reqt. 8/28 Chasn submits blueprint and estimate 9/14
✓ 243487	8/1 0	Chasn	Battery charging panel for radio station; estimate and print for manufacturing. W To—Grants auth. 8/16
✓ 242937	8/11	To S&A	Reqt shipt of batteries from Wash to Chasn. W

CHARLESTON. RADIO STA

1917

Number.	Date.	From or To—	Subject.
217063	3-5	Chasn	Distant control station; list of furniture required. To--Directs prepare reqn. 3/12
216996	3-3	Chasn	Submits plan and estimate in connection installing 2 kw wave changer. W. To--Appvs installation. 4/3
217035	3/13	To Chasn	After install of new A.C. motor for arc set, ask if advisable to retain present D.C. motor to furnish emergency break down service for generator of arc set. W Chasn gives reasons re DC motor for emergency 3-16 To--Gives action. W will take. 4/10
218032	3-12	Chasn	Forwds plans of nonsynchronous spark gap for Charleston and St. Augustine. W. To--Appva. 3/19
218194	3-15	Y&D	Extends date of completion contract for dormitory and receiving building. W
219760	3-24	Chasn	Estimate for installing 10 kw synchronous spark gap electrodes. W To--Appvs est. 3/31
220255	3/30	To S&A-	Reqt shift of wave changer with loading coils from NY to Chasn. W

CHARLESTON: RADIO. 1807

Number	Date	From or To	Subject	
✓ 220578	3-29	Chasn	Request primary apparatus for use 10 kw spark set be installed. W. To-- ~~Est~~ sketch 2nd ests. 4/11	
218050	4/5	To Chasn	NSE 25-A and Bu records differ. Reqt further information. 4/5 Chas Gives information on 4/13	
224797	4-21	Chasn	Est for installing spare antennae. W. To--Appvs est. 4/30	
226899	5-7	Y&D	Contract 2283; Mass and tower relative to bonuses. W	
✓ 227164	5-8	Y&D	Bonus ^{for} expediting ^{con} structions of radio buildings. W	
231426	6/1	To Chasn	Radio Station, spark transmitting set out of commission. Reqt comment on. W Chasn 6/7	
✓ 232586	6-5	Chasn	Outline of radio work for fiscal year 1918. W	CARD 15
		To Y&D--Gives action. 9/10		
		To Chasn--Gives action. 9/12		
		1120 relative to towers 9/14		
232848	6/9	Y&D	To--Directs prepare prelim plans for new tower 9/8 Heaters and sewer connections; gives estimate; request allotment. W CARD 16	
		Fwd S&A--10/13		
		Y&D fws copy of letter requesting additional allotment for 10/26		
232857	232857 6/8	Chasn	Fws correspondence Post relative to antenna transferswitches, with recommendations. W	

CHARLESTON RADIO 37A.

Number.	Date.	From or To—	Subject.
212008	1-19	Y&D	Distant control radio building; fwas copy of contract with Charleston L&C Co; W
212169	1/22	To Chasn	Reqt information on radio trouble reported 1/20. W
212402	1-23	Y&D	Waste and towers; copy of contract with Pittsburgh-Des Moines Steel Co. W
212419	1-22	Chasn	Request new relay ket for 30 kw arc set. W To—Pending receipt of tests being held will not allow new key. 2/2
212591	1-22	Chasn	Request 10 kw relay keys. W Fwd S&A—1/29 Rb 2-5
213179	2/1	To Chasn	Reqt report on arc trou ls reported 1/26. W Chasn 2/8
213253	1-31	Chasn	Distant control; describes station; states 3 additional telephonewires should be leased; gives estimate. W To via Comit—Does not desire to increase. 2/15
Chasn 301	2/3	Fwd Y&D	Files for distant control radio station. For comment and recommendation. WR

CHARLESTON: RADIO. 807

Number.	Date.	From or To—	Subject.
214866	2-12	Chasn	Request switchboard instruments for 10 kw set; submits estimate.W To--Appvs. 2/19
214859	2/15	To Y&D	Ask probable date of completion of add'l room. W Y&D Probable date of completion July 15th 2/21
214064	2-16	Washn	Wave meter repaired and ready for return.W
215142	2-16	Chasn	Estimate for switch for charging A battery.W To--Disappvs with comment. 2/27 Chasn antennae distributing switch; plan 3-12 To--Disappvs plan. Best preparing plans. 4/5
215064	2/19	To S&A	Req't shipt of one Marconi Wave meter from Wash to Chasn. "
215590	2-20	Chasn	Submits estimate for AC carbon turning motor, and worm wheel for 30 kw arc set. W To--Appvs. 3/14
216457	3-1	Y&D	Change in contract for dormitory, and receiving building for distant control.W
217535	3-1	Y&D	Copy of letter omitting piles under towers.W
216825	3-3	Y&D	Change in location dormitory building appvd.W
216987	3-3	Chasn	10 kw wave changer installation; fwds est and plan. To--Req't further recommendations. 3/14 Chasn recommends plan previously submitted be approved 3/24
		To--Install 10 KW set auth. 3/20	

CHARLESTON RADIO STATION.

Number.	Date.	From or To—	Subject.
✓ 205843	11/18	To Chasn	Directs plans of distant control radio station at Chasn be drawn up and Vandyke and 2 prints fwded to BU. W
✓ 206164	11-18 To--Gives action. 3/7	Chasn	Request receivers for distant control station... No -- No 117 supposed to be on hand 2-21 Chasn receiver referred to was shipped to NY Sept 16, 1915 To Bu -- ship save receiver from Wash to Chasn. 5/2 Alterations recommended in transfer switch. Fwds plan and estimate. 11/25 To--Alteration auth. 11/25
✓ 206209	11-20	Chasn	
✓ 206964	11-28	Chasn	Mrc motor generator; relative to procuring induction motor for; fwds vandykes. W To--Bu has prepared reqn for induction motor. 1/13
✓ 207324	12/5	To Chasn	Reqd comment and infor on key trouble reported Dec. 1st. 12/5 W hasn 12/14
✓ 207924	12-2 12-8	Dept Justice Dept	Fwds title papers for distant site. W Fwd Chasn--Noted. 12/8
✓ 208726	12-15	Y&D	Fwds bids for radio buildings and masts. W To--Appvs award of contract. 1/8
✓ 208723	12-15	Y&D	Radio buildings and masts; gives names of firms. W To Chasn--divides who different contracts awarded to. Instrns. 12/19

CHARLESTON RADIO STATION. 807

Number.	Date.	From or To—	Subject.
✓ 206753	12/15	To Chasn	Reqt comment and information on arc trouble reported December 11th. W Chasn 12/22
✓ 209239	12-12	Chasn	Request stock of mf condensers. W To—Appvs reqt. 1/4
✓ 209884	12-19	Dept Agriculture	Re use of towers by Weather Bureau for displaying signals; Request Radio employee be detailed as display man; will pay salary.
	12-27	Operations	To—(Sec Sig) Are giving matter consideration. Fwd Chasn—For comment. 12/30 RB 1-9 Fwd Dept—With rec. 1/10 12/30
209917	12-26	Chasn	Distant control radio station; recommends be heated by gas instead of coal; change in roof. W Fwd Y&D—Appvd. 1/3
✓ 210231	12-21 12-29	Chasn Solicitor	Distant control station; states all legal formalities and transactions completed. Department became owner tract; total purchase price \$3700. W Fwd Sol—Noted. 1/5
Chasn 259 270	1/8	To Y&D	Material for foundation and masts. Fwds reqns for action of Y&D. WR
✓ 211150	1- 8	Operations	change Directs working tune. Chasn (H) returned 1-12

CHARLESTON RADIO STATION.

1916

Number,	Date,	From or To—	Subject.
✓ 194078	7/17	Chasn	Request additional coils for IP 76 receiver. W
✓ 195829	8/5	Chasn	Arrangement for charging air condensers; fwd. print; submits estimate. W To— Appvs. 8/10
✓ 196181	8/8	Chasn	Increases estimate for installing secondary antennae. W To— Appvs. 8/12
✓ 195946	8-10	To Chas.	Arlington Dist Radio Supt report key trouble; reat comment. W Chasn reports on key trouble 8-15
		Fwd S&A—10/28	
		Chasn reat be returned to NY 9/1	
		To S&A—Ship reat keys To Bost.—Comments on Lowenstein keys. 10/18	
		0 to NY. 11/18	
		To Bost.—Reat est for manuf of keys. 9/26	
197586	8-22	Chasn	Reat relay keys. W To Chasn 5 kw set recd 11-14
		Chasn requested 10 kw keys, shipment order covers 5 9/26	
		To NY via S&A—Ship 10 kw 9/12	
197082	8/22	To Chasn	Chasn no trouble 8-28 To Supt. 9-1 RB 9/14
			Breakdown of station; request information re. W Chasn no breakdown 8-28
198509	9-5	To Chas. (R)	What is status of title papers for dis- tant control radio station. W Chasn gives status 9-8 Chasn District Attorney has all papers in connection site; will forward end of week 10-9
✓ 199952	9-21	To Chas.	POM reports are transmitter out of com- mission; reat comment on. 9/21 W Chasn burned out magnet coil of resistance 9-26

CHARLESTON RADIO STATION. 807

Number.	Date.	From or To—	Subject.
✓ 201006	10/3	To Chasn.	2 K.W. Secondary transmitter out of comm. Reqt information regarding same, and when it will again be ready for operation. W Chasn reports on trouble 10-7 To—Est appvd. 10/18
	10/12	To Chasn	Expenditures in excess of quarterly allowances. WK
✓ 203256	11/21	Y&D	Fwds prints of buildings, masts and towers, distant control station. W To—Appvs plans. 10/24
✓ 203308	10/23	To Chasn	Reqt report in detail on Ten KW which was reported out of commission. W Chasn 11-4
✓ 203697	10/27	To Chasn	Reqt report on excess use of audion bulbs during quarter ending Sept. 30. W Chasn 11-4
204016	10/30	To Chasn	Reqt comment and infor as to trouble with radio station. W Chasn 11-4
✓ 205825	11-1 11-11 11-17	NY Bost S&A	Combined hand and relay keys; relative to type to be furnished. W Fwd S&A—Reqt Lowenstein type be furnished Chasn. 11/20

CHARLESTON: RADIO STATIONS.

Number.	Date.	From or To—	Subject.
181804	2-24	At Flt	Complains of radio communication with: excessive static, etc. W
182515	3-24	To Chas. SEE OTHER DIE	Equipment of station for simultaneous sending and receiving; funds now available for purchase of site for; submits recommendations covering. 3/24 W
		To Dept Commerce-(Deccsig) West permission to use certain occupied space of Light House Reservation Chas. 4/24	Chasn submits estimate and plan. 3-13
		Chasn fnds print 4-24 Dept Com appvds 5-12	Chasn fnd 2nd estimate for eqpt. 4/24
		Fwd Dept Via 501-5/11 RB 5/18	Fwd Dept--Rec appvl of location. 4/24
182912	3-28	To Chas. (R)	What is trouble with primary radio set. W Chasn (R) reports 3-28
182913	3-28	To Y&D.	Distant control for Charleston, Key West and New Orleans. Bu taking steps for obtaining necessary land transfers for purchase of equipping stations for operation by distant control. W Y&D will proceed at once with buildings and masts 4-1 Plans 4-7 To--Appvs estimate for 4/29
184096	4/4	Chasn	Additional allotment \$200 for radio station; reqt. K To--for recommendation 4/14 RB 4/19 To--Appvs allotment. 4/24
184384	4-11	Chasn R	Request permission to use electrose insulators in lieu of porcelain insulators. W To--(R) auth granted. 4/13
184491	4-15	To Chas.	Plans for distant control radio station building; fnds for comment. W RB 4/27

807 CHARLESTON: RADIO STATIONS.

Number.	Date.	From or To—	Subject.	
185665	4-27	To Chas.	Asks disposition of certain apparatus not reported in NSE Form 25-A. W Chasn 4/29	
174957	2/7	Chasn	Outline of radio work, 1917-18; items that will require expenditures of over \$500	604
182515	5-20	SEE OTHER SIDE To Chas—(R) \$3500 price met for site. 7/3 Chasn (T) expect decision to-day 7-11 To Chas—(T) Report despatch status negotiations purchase radio tract. 7/10 Fwd Dept—Rec purchase b made. 7/15 Chas gives status of negotiations re proposed site. 7/18 Chasn (R) quotes price given by owners for 90' lot 7/22 Fwd Dept—7/25 To Chas—7/28 Fwd Dept—8/4	Fwd Dept—Fwds letter for Secsig to Dept. Commerce accepting permission to locate masts on property on Commerce W Fwd Dept—Concurs in rec re legislation covering transfer. 5/23 RB 5/25 To Solicitor: reqt transfer land 5/29 Fwd Solicitor 5/29 RB 6/10 To Chas—(R) Reqt print showing reservation and boundaries. 6/3 To Chas—Appvs general plans for distant control. 6/5 Fwd Y&D—6/9 Fwd Dept—6/12 Dept Commerce—No objection to construction of steel masts in lieu of wood. 6/13 Fwd Dept—6/22 To Chas—8/22 Asks status of transfer of land. 6/22 Chasn (T) recom \$3500 be paid without looking up titles of land 6-16 Ref. Sol. 6/26 Dept Reqt Dept Commerce letter 5-11. 6/26 Chasn (T) owner insists \$3700 6-30	RB 5/25
191061	6-17	To Chas Via Y&D.	Interruption of radio service due to failure of yard power; reqt detailed information on. W RB power off at Guantanamo due to fuses blowing. no trouble at Chasn 6/30	
✓ 192290	7-1	To Chas.	Radio Supt reports are out of commission due to motor generator trouble; reqt information on. W Chasn further report on motor trouble 7-10	

CHARLESTON: RADIO STATIONS.

Number.	Date.	From or To -	Subject.	
170060	10-25	Chasn	Reqt receiving set ex pensacola be assigned for yard experimental purposes. W To--Hold for further use. 11/6	
171158	8/2	Clark, G. H.	Reports on test of ultra audion returned from Chasn	898
171351	11-15	Chasn	Ground wiring system: plans and estimate. To-- Appvs. 11/20	
172390	11-23	Chasn	Reqt partition between living room and radio station. W To-- Appvs. 11/30	
172870	12-3	Chasn R	Transmitting apparatus will be out of commission 7:00 AM to 4:30 PM. W	
173252	12/7	To Chas and San J uan R	Gives schedule to be conducted after arc set is installed; SAN JUAN	835
175197	12-30	Chasn	Estimate for painting partition. W To-- authorized. 1/4	
175397	1-5	To Chas.	Installation of 30-K.W. arc wave changer; reqt est for: have reqt'd shipment to Yd. W To 3&A - Reqt for shipment. 1/5	
176598	1/20	San Juan R	Recommends Chasn resume arc schedule; will make temporary connections generators; reports shortage of operators	835

1916

607 CHARLESTON: RADIO STATION:

Number.	Date.	From or To—	Subject.
176804	1-21	To Chas.	Lists radio receiving sets to be furnished station; asks what set now at Yd in excess available for other assignment. W
		To S&A--Reqt for shipment. 4/19	Chasn 2/2 To Chas--Have recd shipment of wave-receiver from Wash; return old. 3/8 To S&A--(2) Reqt for shipment. 3/9 To Chas--Have recd shipment receiver. 4/19
178434	1-22	Chasn	Gives reasons why Cohen receiver was requested; desire to conduct tests and experiments. W
178611	2-8	Chasn	Estimate for installing relay key cabinet and arc wave changer. W To--Appvs. 2/12
180111	2-8	Chasn	Has print and estimate for repairs. To--Appvs. 3/2
180111	2-22	Chasn	Radio towers; painting of. W
		Fwd Y&D-- 4/8	Fwd Y&D-- For comment and rec. 3/1 RB 3/6 To--Appvs estimates. 3/15 RB 3/27 To--Appvs estimates. 3/28
180639	2/29	Chasn	Chasn reqt name of paint manufacturers 4/4 Radio towers; re painting of. W Fwd Y&D-- 3/7 RB 3/10
180538	2-29	Chasn	Reqt authority to send Edison storage battery to company for estimate for repairs. W Fwd S&A--Reqt shipment be authorized. 3/6
181322	3-11	Fwd Chas.	Necessary insulators may be obtained from NY yard. W

1915

7 V

CHARLESTON, RADIO STATIONS:

Number.	Date.	From or To--	Subject.
161787	7-28	To Chas.	Notify Bureau when ready for arc radio communication with Arlington. W
162218	7/30	Wash	Reqt authority to transfer certain apparatus. W To-- Auth transfer. 8/4
162220	7/31	Chasn R	Gives dates when arc system ready for test with Arlington and Bu Standards. W Fwd Rad Ser-- 8/4 RB 8/12
162313	8-2	To Chas.	Substitution of 5 K.W. radio set for 10 K.W. set; reqt information on. W Chasn -- present organization satis. 8/6 To Rad Ser-- Fwds correspondence on. 8/10
162560	8/2	Chasn	Submits estimate and plans for equipping an additional station for simultaneous sending and receiving. W Main proposed location unsatis. 9-16 To-- Reqt tests be conducted. 9/18
163236	8-12	Chasn T	Antennae carried away during arc test; 2 weeks to repair. W Fwd Supt Radio 8/13 RB 8/20
164315	8-24	Chasn To Chas-- Reqt certain data Bs furnished NY. 9/27 To NY-- Appvs est. 9/27	Submits estimate for repairs to 10 K.W. radio set. W To S&A-- Reqt for shipment. 10/27 TO -- appvd 8-28 TO NY submits est for Mark VII wave changer 8-28. NY-Sub. est. 9/21.
164673	8/29	M Ia	Arc stations; reqt plans 845
165836	9-13	Chasn	Reports on test of new radio set Aug 2 to Sept 8 Fwd Bu Standard. 9/15 RB 9/18 To-- Discontinue further tests. 9/15

CHARLESTON: RADIO STATION: 807

Number.	Date.	From or To—	Subject.	
166381	9/18	Chas	Reqt new loading coils for wave changer. Fwd NY--Reqt information. 9/22 RB 10/4	W
166755	9/23	Chas	Submits list of equipment required for primary system. W	
167022	9/23 9/28	Chasn Supt Radio	Report of merchant vessels having trouble in raising station. W Fwd Rad Ser-- 10/4	
167348	10-1	Chasn	Report of expenditures quarter. 9-30	
167357	10-4	To S&A.	Reqt shipment radio rec set from Wash to Chas. 10/4 W	
167539	10-6	To Chas.	Radio receiving difficulties have reqtd orders for Chief Elec Scanlin to Chas to instruct station force in use of. W	
168185	10-7	Chasn	Gives primary capacity no. used; recommends equipping wave changer, loading coils with additional contacts. W Fwd NY--Comments on. 10/26 RB 11/16 Fwd Chas-- 11/19 RB 11/29	
168288	10-14	To S&A.	Reqt shipment magnet coil wire from Wash to Chas. W	
168910	10-19	Chasn	Submits estimated and plan for insulating slab for lead in insulator between dynamo and sending room. W	slab
168698	10-19	TO Chasn	To--Authorized. 10/23 Re ground wiring sys for radio sta	

CHARLESTON: RADIO STA.

Number.	Date.	From or To—	Subject.
154730	5-4	Chasn	Repairs to ammeters and voltmeters. W To-- Appve. 5/12
156154	5-27	To Chas. (R) Chasn 5-8	Is station now tuned to transmit on 600 meter wave length; if nor report when will be ready. W Chasn replies 5-1
156172	5-28	To NY.	To--Rec be tuned at early date: 6/3 Have reqtd shipment from Yd to Chas of all apparatus delivered under contract 350. W To S&A--Reqd for shipment: 5/28 To M. Is--(R) Retain third set at Yd. 5/28 M. Is set shipped Chasn NY shpt short 6-1 To M. Is--Shipment apparently error. 6/2
156247	5-28	To Chas.	Temporary installation of medium power radio set; will install 30 K.W. arc radio set to carry communications during summer months between Wash & Key West. W RB 6/10 To--Auth installation of 30-K.W. set; reqd be informed when set arrives. 6/18
156963	6-2 6-5	Chasn Supt Radio	Re failure to communicate with merchant vessel; relative to wave length. W Yd Had Ser--Have taken action to pro- vide wave length of 600 meters. 6/10 To Chas--Auth installation of auxiliary antenna for. 6/10
157441	6-8 6-11	NY S&A	Submit list of high frequency apparatus ship- ped to Chasn. W
158420	6-16 6-19	Chasn Y&D	15 Proposed new radio buildings. W Yd Chas--Asks: 16 new sending building will be necessary; 6/25 RB 7/2 Yd Y&D--Reqd plans be drawn up for. 7/3
158980	6-25	To Chas. (R)	Has shipment from M. Is of arc radio set arrived? W Chasn not received 6-25

807 CHARLESTON: RADIO STATION:

Number.	Date.	From or To—	Subject.
160416	7-13	To Chas.	Orders issued to G.H. Clark to report to yard for purpose of testing out and tuning the new arc radio set. W
160500	7-12	Chasn	Reports receipt from NY: installation will be completed for tuning July 19: rect wall insulators be supplied. W To S&A--Rect one leading-in insulator be furnished Yd. 7/14
160562	7-15	To Chas.	Test of new radio set: instructions re after set is commissioned. W To Supt Rad Ser--Fwds copy of instructions covering tests. 7/17
160912	7-16	Chasn	Rect radiation armmeter. W To--Have rectd shipment of from NY. 7/20 To S&A--Rect for shipment. 7/20
161193	7-21	To S&A.	Rect shipment of audion apparatus from Wash to Chas. W RB 9/9 To--Change in shipping instructions. 7/29 Wash--apparatus failed to work at Chasn. returned to Wash: reports on 8/4 Fwd Chas-8/9 RB 8/15
161253	7-21	To Wash--Have rectd shipment of audion detector to Chas. 8/9 To S&A--Rect for shipment. 8/9 S&A	Reports receipt and shipment of arc set from NY. W
161406	7-23	Clark, GH T	Rect Bu standards arrange certain tests: ultra audion inoperative: cannot repair: rect authority to return instrument to Wash. W To Chas--(R) will rect shipment Wash if repairs cannot be made Chas. 7/26
161514	7/23	Chas (R) Repairs cannot be made at Yd. 7/29 G. H. Clark	Reports on installation of arc at Chasn. W
161444	7-24	To Chas.	Gives results of test. 7/24
161964	7/28	G. H. Clark	Reports on inspection of station W

CHARLESTON: RADIO STA.

Number.	Date.	From or To—	Subject.
128514	6-24	Chasn	Reat Nat. Elec. Sig. Co. relay key b also repairs to hot wire ammeter. W To---will supply relay key; ship hot wire ammeter to NY for repairs. 6/20. To NY. Request furnish relay key if available. 6/29. NY no relay key available. 7-7
129527	7-8	Chasn	States 10 kw radio set ex: BIRMINGHAM; gives a great deal of trouble due to overheating of armature. W Chasn (R) report coil burned out; will repair by 14th; delay action letter. 7-11 (T) to---asks what present facilities for power; etc. 7/20. (T) to GE Co. request price for armature. 7/21 GE quotes prices 7-30
130343	7-17	Chasn	Braces on spark gap casings; eat. W To---notes. 7/21.
130443	7-21	Chasn	Auxiliary radio set; working well; proceeding with repair on large set; recommends induction motor. W
130523	7-21	Chasn	Reports on radio set ex-BIRMINGHAM. DW
130534	7/22	To Narr. Bay.	Spare relay key of 10-kw set ex BIRMINGHAM; asks if received with set. W Newport relay key will be shipped to Chasn 7-30
132599	8-17	Chasn	Reports on test of re-insulated motor ex-BIRMINGHAM. W To GE Co. Asks if can supply motor of class specified. 8/20. GE motor is special require 10 days to make quotation 8-24 GE Co. quotes prices 8-26 To--- Fwds letters rec'd from GE. 9/3 rd 9.17

CHARLESTON: RADIO STA. 807

Number.	Date.	From or To—	Subject.
✓ 134015	9-5	Lowell, Lt.	Fwds measurements. W
134634	9-16	Norf.	Beaufort reports trouble communicating with 800
✓ 134656	9-17	To GE Co.	By will submit regn in your favor for one 25 H.P.--1800 r.p.m.--2300 V three phase. 60 cycle, form K, induction motor.
1915			
✓ 143631	12-30	Supt Radio	Recommends high powered set. W/6 ~~RE~~ ~~le~~ ~~ard~~ Fwd Rept-- Rec action of. 1/6 Fwd Y&D-- Rept prelim plans be made for enlarging the operating building. 2/25 RB 3/23 To Y&D-- Re new building cor. 4/19
150329	3-17 3-22	Chasn Y&D	Submits estimate for and recommendations for high power radio set. W
152447	4-10	Chasn	Mfg new aerial for station. W To--Instructions. 4/26 Chasn 5/4--returns papers
✓ 152422	4-13	Chasn	Reqt instructions re decremeters, and copies of all circulars. W To-- Fwds. 4/21
✓ 153404	4-26	Supt Radio	Fwds complaint non delivered message Chasn Sta is not tuned to 600 meters; directs instructions be issued. W
157911	4-30	Chasn	Reports need of new radio house. W To--Have taken prelim steps towards construction of. 5/19

1913

NB-0120

CHARLESTON RADIO 807

Number.	Date.	From or To—	Subject.
118703	2-26	Chasn	Reports accident to antennae wires on account of ice; estimate for repairs. W To---est for construction of new antenna appd 3/3. Fwd Y&D. 3/3 Fwd Delt. alterations requested in par. 3 not rec for appx. 3/9. Ret---3/13. 3/13-3/13
119670	3-3	Chasn	Reports for February; recd latest receiving set. W To---& S&A. request shipment RV to Chas. 3/12 Chasn est 3-17
117672	3-10	Chasn	Estimate for installing set- ex- BIRMINGHAM. W To---estimates appd. 3/12. To Phila. missing key; asks if was shipped. 5/12.
120214	3-17	Chasn	Estimates for change air condensers, radio. W To---estimates appd. 3/19.
123131	4/22	Chas. R	New antenna in commission 22d inst. W
123380	4/26	Chas.	New transmitting set in stalled; communication held with St. Augustine and Beaufort 24th. punctured insulation in condenser. are making repairs. W
123439	4-17	Chasn	New transmitting set in commission 1:30 PM W
126554	6/6	To Charleston	Two oscillation transformers and one antenna loading inductance, mfrd by Natl Elec Sig Co taken to Chasn about two years ago by Chief Elec Menzeratti and installed with the old set in Chasn radio station; reqat ascertain if any of such apparatus can be identified, so that it may be shipped to Wash Yd. W
Chas. 6/16, not removed from station; proposed to use material removed from CAESAR. W To Chasn 6/19			

1913

31

Number.	Date.	From or To--	Subject.	
87040	1/6	Chas.	New radio house; submits desirable alterations in W. Fwd Chas. apps. 1/10 RB 1-17 Ret. appr 4th endorsement. Request sketch showing location of new house. 1/16	
87702	1-14	Chasn	Description.W. To--rect new description 4/23	
88002	1-18	Chasn	Description.W.	
92263	3-7 3-11	Chasn Y&D	Public Works Officer recommends new radio house and rect. allotment made for same be raised \$300. W Ret Chas. via Y&D, rec addtl. 3/14. RB 2-on (H) appd To Chas. 3/15.	
94774	4/11	To Dept	Reqt permission to transfer radio 20 Kw set from Birmingham to Chas.	384-6
95859	4/26	To NY, Chas. & S&A	Wave meters. Bu. reqn 342, reqt shipment to	893--4
96235	4/28	Chas.	Fwds description and prints of station.W	
96324	4/28	Chas	Reports on adjustment of tunes and installation of tune shifters at	800
96691	5/7	To S&A	Shipment of apparatus to: from Bu. Stds to for adjustment of station	807

CHARLESTON 807

Number.	Date.	From or To	Subject.	
96586	5/6	To S&A	Reqt shipment radio apparatus.	876
96587	5/6	To Nav	Reqt orders for Ch.Elec. Meneratti, to Beaufort, Chas, for adjustment of sta.	632
✓ 103165	8-4	Chasn	Radio house; complete elec. lighting work.W	
✓ 103167	8-5	Chasn Su	Submits estimate for repairs to quarters.W To---appd.8/8	
103932	8-18	Chasn	Report of inspection. W To---suitable radio set will be installed as soon as available.8/21.	
104100	8-21	Bd. Inap. Shore Sta	Comments in inspection reports; recommend installation of modern high powered sending set. W Fwd Dept.Bu's plan to install 10-kw radio set, to be removed from a scout cruiser.8/22	
106431	9-3 9-22	Chasn Chasn	Reqt. heating system be installed in quarters. W Fwd Dept recom 9-26 RB 10/3 To Y&D. Bu will allot \$217 EofV.10/3	
107378	10-2	Chasn	Reports on working of station for Sept. W To NY asks if can supply secondary coal from store.10/18 NY have in store 10-22	

Number.	Date.	From or To—	Subject.	
54760	11/28	To Chas	RECEIVING & SENDING: shipment of exp. quenched spark gap from N.Y. for use of S. H. Clark Auth. Clark will report and adjust Sta. in about two weeks	898
55774	12/11	To Chas	Time signals, sending key and relay, has made ready for direct Western Union Co. connect daily without charge.	to 910
			1912	
59358	1/23	To Chas/	directs suspension of work on towers until further notice. When wireless set and oil engines for Jupiter Station are received, directs store until July 1st.	
			To—directs proceed with work on towers. 4/E.	
61729	2-14	Chasn	Report of inspection. W.	
65648	4/5	Chas.	Reqt instructions re completing partly finished wireless towers.	890
68613	5-10	Chas	Report inspection. W	
74367	7/27	To Chas.	New radio set: request for information: also type of apparatus desired.	
75186	8/2	Chas. 71-230	Gives description of station in connection with installing new set. W To—ack. 8/7.	

CHARLESTON W.T.STATION. 807

Number.	Date.	From or To—	Subject.	
#6095	8/16	Chas. 34	Fwds tracing showing proposed new house for radio station. W Fwd Dept. via Y&D. Bu. recom a pl. 9/4 R B 9/4 pp. Fwd Y&D 9/16 R B a-p	
77997	9-11	Chasn	Reqt. repairs to generator. W To--amps 9/14	
79084	9-27	Chasn	Inspection report. W	
V 82102	11-7	Chasn	Reqt. be furnished with Queen dial resistance box for use during Arlington test. TO STRINGHAM, Chasn & S&A re shipment resistance box to chasn. 11-11	
84135	12-3	Chasn	Quarterly inspection; report. W	
85806	12/4	Chas. Mates School	Ret. to Y&D rec. appr. old radio building to be retained for radio purposes, 12/28	707-4
86223	12/30	To Chas.	Report of survey dated Dec. 26-h. Approved except items 6 and 7; if latter warrant repairs, directs be made, and if not needed, shipped to Washn. W To S&A request shipment of electrolytic receiver and potentiometer, Chas. to Washn. 12/30.	
-1913				

FILE No.	From or To— (Dated)	Subject	
✓ 33016 3/3	Chasn.	Recommends new steel mast for. To -- Will rec. appr of plans - directs be expedited 3/11.	875
33653 3/9	Chas.	ANTENNAE: gives radiation:	
✓ 36188 4/18	TO Dept	Reqt. authority to erect 2 steel towers. Y BB 4-17 app. 4/11 to Chas. erection auth. Reqt. corrected plan and reqn. expedited. 4/17. Fwd Chas. 4/17. BB 4-24	
37131 4/22	Chasn 620	Wireless tower: fws print. W Fwd Dept rec a. pr. 4/26. BB 5-3 Ret -- with approved tracing. 5/4. BB 5-9	
40993 6/7	San Juan	Bldgs: wireless apparatus transferrred to Chas.	615--22
47293 8/24	Chasn	Reports status of apparatus. at. and St. Augustine and Jupiter in connection with calling wave lengths. W	
✓ 50478 10/7	To S&A & NY	Aerial transfer switch: Request shipment from NY to Chas. Directs NY to manufacture.	
✓ 51895 10/23	Todd, Lt. Comdr	Reports on inspection; also PRAIRIE: BALTIMORE: CAESAR. W To Chas. Fws reports: Clark will be ordered to visit. 10/31. Comments on report of inspection. 11/4	
52704 11/2	Chasn	Lerden jar condensers; and racks; will be ready after Nov. 16.	862-1



COCO SOLO RADIO STATION

1920

Number.	Date.	From or To--	Subject.
521178	9/21 9/28	Coco Solo 15th Dist.	Request one long range receiver be installed. 7. To 15 Dist. Gives info re ship under 1-16 To Comdt 15th Dist 2-2-21 Re: st ship of radio receiver from Washn to Balboa W
523716	10-22	To SEA	
524552	10/7	Coco Solo	For monthly serial on the reports; D. 7.6-75
539281	1/8	Dept	Copy of letter to C&R assigning HS-2 Flying 736 sent to Coco Solo. LA
541187	1/4 1/6	Coco Solo- 15th Dist.	Request funds be allotted covering repainting of towers. To Comdt 15th Dist Tel 1-20
556624	3/22 3/29	Coco Solo 15th Dist.	Adjustment of yearly maintenance allowance at La Palma - subm estimates. W.
		CANCELLED- 850	
556623	3/16 3/29	Coco Solo 15th Dist.	Adjustment of yearly maintenance allowance at Balboa, Darien Station. W.
		CANCELLED 850	
556622	3/23 3/29	Coco Solo 15th Dist.	Adjustment of yearly maintenance allowance at Cape Molo Station. W.
		CANCELLED 850	
556621	3/23 3/29	Coco Solo 15th Dist.	Adjustment of yearly maintenance allowance, at Puerto Obaldio. W.
		CANCELLED - 851	
556620	3/23 3/29	Coco Solo 15th Dist.	Adjustment of yearly maintenance allowance, at Colon. W.
		CANCELLED- 808	

COCO SOLO RADIO STATION

1921

Number.	Date.	From or To—	Subject.
✓ 861470	4/22	15th Dist/	Request one wave meter be furn/ W. and C mdt 15th Dist 5-9 RE 6/1 W.
562276	5/6	Aircraft Factory	Copy of letter to Dept. giving designating 736 numbers for E-5 plane shipped to Hampton Road for trans-shipment to Coco Solo
✓ 564833	5/3	15th Dist.	Recommendations for revision of annual maintenance allowance Coco Solo. W.
		1922	
✓ 620791	4/24	FF	Copy of memo for Joint Planning Committee in 30.0 with install. of wireless station at Coco Solo - General inspection of control and interferences in Canal Zone. W.
✓ 622655	5/13	To SEA 261	Request shipment of amplifier from Washn to SC Balboa W RE 9/26/22. W
631798	7/1	15th Dist.	Station out of commission for 2 years. W.

1919

2

COCO SOLO RADIO STATION:

Number.	Date.	From or To-	Subject.	
437558	8:5	Balboa Copy	Coco Solo Radio Station placed out of commission due to shortage of personnel.	W
447120	9/27	To N.Y.	Fwds reports on experimental work at N.L.	W
1745	10/11	To 80 Hampton Roads	Advise if shipment has been made to Coco Solo. RB 10/16.	629-1
456022	10:21 11:4	15th Dist Com	Quarterly inspection report Coco Solo. fwd. Commun 11/7	W
456575	10/28	Coco Solo	Quarterly inspection report, various sta. To Balboa (1) 450.00 authorized 11/26 To Cdr. quotes from inspection report of La 15th Dist. 11/26 RB 3/5 To Cdt 15th Dist 11/26 RB 3/5 To Cdt 15th Dist- rec in conn with material quarterly inspection of 11/26 C&R 12/3 To 1.M. Ny- copy to 15th Dist. 12-26 RB 2/11 N.Y.- Fwds prints and estimate 1/8 Fwd S&A. 1-13 S Ac Copy of action to Norf. 1/15 15th Dist- Fwds list of spares required; also sample of valve. 1/22 To 15th Dist 2/16 15th Dist- Request regulators and air gauges be snipt. 6/24	W.

Number.	Date.	From or To—	Subject.	
✓ 492969	4/27 4/29	Coco Solo Balboa	Submits regst for personnel for District radio material office 15th Dist - W To Secty- recommends personnel for 15th Dist 5/13 To Comdt 15th Dist. fwsd enclosures 5/14 To Secty- assignment of one engineman recommended. 5/17 Sect- authorizes two asst. ins. rs radio. for dist. 15th Dist. 5/17 To Comdt 15th Dist. fwsd copy of Sec letter rel assignment 5/22.	
494839	5/20	15th Dist Copy	Coco Solo station replaced in commission.	W.
495014	5/21	15th Dist. Copy	Station placed in commission.	W
517247	9/4	Coco Solo	Engine report; DA	736-75
518441	9-28	To S&A	Regst shipment of app. from Boston to 15th dist 4534 W 11-1-1	
519479	10-1	To S&A	Regst shipment of wave meter from Washn to Coco Solo W 11/27 W	
520599	10-4	To S&A	Regst shipment of radio apparatus from Washn to Coco Solo W 11/24 W To S&A Regst shipment of Apparatus from Washn to Coco Solo 153 4/27.	

1913

4-3381

COCO SOLO RADIO STATION

Number.	Date.	From or To--	Subject.	
385229	1-28	To Lowenstein Radio Co	RE type No. assigned to protective device and transformer on contract 43945	W
422806	6:3	Balboa	Reqt. shipment of one blower motor for Sub Vessels to sound proof booth at Coco Solo.	W
423612	6/4	NY	Annual allowance for Colan, Darien, Bal- 914 boa, Coco Solo, reqt. report of fwd to Bu be fwd to radio material officer 3rd Dist. To- ~~NY~~ fwds copies of corresp 6/7	
430001	7/2	Department	Copy of ltr to Coco Solo Base directing place C-1 and C-4 out of commission when rec arrangements made. A.	322-8
436541	7:16 7:31	15th Dist Com	Quarterly inspec report Coco Solo.	W
436915	8/2	15th Dist Copy	Balboa, Darien, and Coco Solo sections will be kept on commission, report of operating for same. Rec. A.	350

COLON RADIO STATION

1922

Number.	Date.	From or To—	Subject.
✓ 641305	9/2 9/6	15th Dist. Balboa	Request allotment covering repairs to 5 KW set at Colon. WK
641306	9/5	Balboa VOID	Subm report for allotment cov addition to quarters of officer in charge. WK VOID -see 850
✓ 642168	9/11	15th Dist.	Repairs to boat house at Puerto Obaldio - Estimate of Panama Canal. Y. To Comdt 15th Nav Dist- Canceled 10/12 W cc Y&D Y&D- Copy action to 15th Dist. 10/14 W To Balboa- cancellation of letter listed cc Yds & Docks 10/17 Y&D- Copy action to Balboa. 10/19 W
644357	10/6	Dept	Copy of letter to 15th Dist. directing temporarily hold up instn on navy set. Y.
643045	9/30	15th Dist.	Quarterly inspection report. Y.

COLON RADIO STATION

1922

Number.	Date.	From or To--	Subject.
✓ 648451	10/23	15th Dist.	Subm comments rel to instln of 750 Watt telephone set at Colon. Ends Oleria 11/21 To Balboa- instln authd cc Dir Commns 11/23
✓ 652645	11/28	15th District	Hosts requisitions covering spare parts for Fairbanks Morse oil engine be cancelled of an additional allotment of \$600 be granted LA PALMA W to 15 dist.- allotment made 12/16
✓ 652892	12/15	To Dir Commns	Medium power transmitter- Requests comment and recomon 12/15 Dept 12/15 Recommendations W To C-I-C U S Fleet- reqsts recomins 1/11/23

Number.	Date.	From or To--	Subject.
613759	3/13	Lowenstein Co.	Ask names and addresses of operators at radio station at Colon. From Dir Comms 3/17 To--- Gives Action taken 3/18
614637	11/18/21 3/18	Panama Canal S.A.	Evids certified bills cov erection of radio stations at Puerto O' Baldio, La Palma Punta Mala.
		Cancelled. By direction Christman.	
54936	4/13	1 To C.I.C. Hamp Rds	5 KW Motor Generator for US Naval Sta- tion, Colon-- Request date of shipment. 7S 639
618554	3/31 4/6	Balboa 15th Dist.	Quarterly inspection report. W.
618555	3/31 4/6	Balboa 15th Dist.	Quarterly inspection report for LaPalma W.

COLON RADIO STATION

1922

Number.	Date.	From or To--	Subject.
✓ 618557	3/31 4/6	Balboa 15th Dist.	Quarterly inspection report Puerto Rico. W. Tws 15 Dist 4/27 RB 5/28/22.W
622744	5/10	Y&D	Copy of telegram to 15th Dist authorizing use balances from allotments for painting of towers. W.
630246	6/28	Balboa (T)	War Dept has approved instln of set similar to TD set at France field. Request permission to obligate money allowed.W To Comdt Balboa- T Cannot approve subject decision of Army Navy board on communi- cation facilities. W 15th Dist- War Dept- has allotted money for instln. (T) 6/30 W
630551	6/29	Y&D	Copy of instructions to SEA for awarding contract for furniture. W.
631802	7/1	15th Dist/	Quarterly inspection report, Colon. W. To Balboa - no changes 7/12 W

Number.	Date.	From or To	Subject.
600258	12/7	15th Dist.	Request addtl allotment cov purchase of wave meter. Authorized 12/16
601862	12/14	Canal One	La Palma Sta-quarterly inspection report. W.
602233	12/28	15th Dist. Copy	Request immediate shipt of armature for DM motor. Fwd Inspir GE 1/1/22 RB 1/19 W Fwd C-1-C 1/10 W Fwd C-1-C 1/10 W To Balboa gives action 1/14
605302	1/10	1922 15th Dist.	Puerto J' Baldio- quarterly inspection report. W.
605303	1/10	15th Dist.	Colon,- quarterly inspection report. W.

COLON RADIO STATION

Number.	Date.	From or To—	Subject.
606945	1/31	15th Dist.	Subm report of inspection of Colon Sta. W.
606946	1/31	15th Dist.	Subm report of inspection of OBaldio Sta. W.
609643	2/14	Cavite (T)	Request special allotment \$15,000 to construct and furnish quarters at Los Banos for Asiatic Communication Supt. Fwls: Y&D 2/23 W cc Cavite, LI Y&D- C. letter to Cavite rel to quarters for Asiatic Comm. Supt. at Los Banos. 3/4 W. ~~806~~
609956	2/18	To Panama Canal Office	Lists location of and status of Colon Radio Station in 1912. rel to invention made by Mr. George E. Clark. W cc all on- lists all possible inform on installation of wave chamber or a radio transmitter in Colon Radio Sta. 2/18 W Panama Canal- 3/2 W 15th Dist- Pass correspondence and print rel to status of station 3/17 W. To 15 Dist- Request inform 3/16 W. Panama Canal- Pass correspondence and print rel to status of station 3/17 W. 15th Dist- Detailed reports on territorial status of Colon station in 1912. 4/31 W To Judge Advocate Gen- Fwls cc correspondence with print- Give us trans rel et Dpt of Justice 4/11 To Sheffield and Betts- Gives Action 4/11 Fwds Judge Advocate General 4/20 To Judge Advocate Gen- Fwls cc of let 11 march cc dept of Justice 6/6

1921

41 ✓

Number.	Date.	From or To—	Subject.
548254	2/21 2/24	Solicitor Communications	Request inform rel to aeria embraced by LaPalma and O'Baldis compass stations in conn with preparing draft of executive order. W.
		Fwd communications 3/24	Fwd 15 Dist cc Solicitor 3/22 W. Communications- Request action. 3/21 W.
549407	3-7	To Comdt 15th Dist	Report of poor service- reported by Operator on CUBA- Asks if due to install at Colon and Balboa radio stations W
			15th Dist- Comments on alleged poor service by radio operator aboard CUBA. 3/25 W
			Fwd Dir Comm 4/13
			15th Dist- Rst equipts listed be furn. 5/24 W
55662	3/22 3/29	Coco Solo 15th Dist.	Adjustment of yearly maintenance allowance at Colon- Submits estimates. W
559432	4/14	15th Dist.	LaPalma Station- Quarterly inspection report W
559433	4/14	15th Dist.	Colon- quarterly inspection report. W.
560336	4:16 4:18	Coco Solo 15th Dis	Submits estimates covering revision of annual maintenance allowance for Colon fiscal year 1921. W
562163	4/26	15th Dist.	Puerto O'Baldis Sta- quarterly inspection report/ R.

1921

Number.	Date.	From or To—	Subject.
577456	7/16	15th Dist.	Quarterly inspection report. W. To Comdt 15th Dist 7/30
577458	7/16	15th Dist.	Quarterly inspection report, Puerto O'balidio. W
577461	8/16	15th Dist.	Quarterly inspection report LaPalma sta. W.
577860	8-1	To S&A	Request shipment of wavemeter from Washington to Colon W 8354 -RB-11; 1-W
589702	9/30	15th Dist.	Quarterly inspection report, LaPalma Sta. W.
589701	9/30	15th Dist.	Quarterly inspection report, Puerto O'balidio Sta. W
589674	9/30	15th Dist.	Quarterly inspection report, Colon Sta. W. To 15 Dist- funds not available 10/13
600129 S	12/1	15th Dist 10/21	Automatic starting panel, Typewriter Y To Balboa- currents 12/17 15th Dist- 1/3 W.

COLON

Number.	Date.	From or To--	Subject.	
496357	5/15	Balboa	Fwds print of La Palma radio station.	W.
505374	7/1 7/3	C.R. 15th Dist.	Quarterly inspection report. W.	
506782	7/11	15th Dist.	Quarterly inspection report. W.	
506746	7/3	15th Dist.	Quarterly inspection report. W.	
507459	7/16	15th Dist.	Request Coco Solo Jut wave be supplied with wave meter and amplifier.	
510641	7/30	Balboa	Fwds prints of Puerto O'Baldia radio station reservation. W.	
519594	9/16 9/18	Coco Solo 15th Dist.	Request 18 spare armature coils be turn for Cape Mulo, La Palma and Puerto O'Baldia.	W.
519587	10-2	To Fairbanks Morse	Gives data, pertaining to coils. Fairbanks Morse & Co. 11/12 W.	W

COLOM

Number.	Date.	From or To—	Subject.
529172	10/27	15th Dist.	Quarterly inspection report. W. To Comdt 15th Dist 11-19 disapproval for lawn mower pending results of one auth for Radio 11-19
530855	10/28 11/10	Balboa 15th Dist.	Request motor sailing launch be retained at Coca-Cola Club Base. 11
530920	11/10	Green Bay 15th Dist.	Request for 1/19. Inmate of 15th Dist. To Balboa 1-20
531630	11/16 11/16 2-25 1921	Crystaboli 5th Dist.	Subm request for silverware for use of Colon Sta. W. To Comdt 15th Dist 1-7 To 15th Dist 1-7 RB 2-16-21 1/19 3/3 of action to 3d Dist. 1/19. W. 3/1-3/3 W. Sub Copy of ship order cov plated ware from Nav Sup Depot to Colon. 3/3 W
280 543180	1/17	15th Dist. Fairbanks Morse & Co. 5/9 W	Quarterly inspection report. W. 15th Dist-rdws report on Fairbanks Morse kerosene engines 4-19-W To Fairbanks Morse Co-Request comments in conn operations of engines 5-7 To Comdt 15th Dist request report of operation of engines Cape Mala La Palma Puerto Obaldia 2/26/21
543181	1/17	15th Dist.	Request for 1/19. Inmate of 15th Dist. To Comdt 15th Dist request report of operation of engines Cape Mala La Palma Puerto Obaldia 2/26/21
543196	1/14	15th Dist.	To 15th Dist for addtl funds covering expenditures of 15th Dist. 1/19. Inmate of 15th Dist. To Comdt 15th Dist 2-8-21
545711	2-12	To Balboa	Short wave receiver at station Colon W. cannot understand difficulty in receiving planes as reported W RB 3/23 W

COLON:

Number.	Date.	From or To—	Subject.	
473191	1:15	15th Dis	Quarterly inspection report LaPalma station.W	
473190	1:15	15th Dis	Quarterly inspection report Colon station.W	
473188	1:15	Coco Sola Sub Base 15th Dis	Quarterly inspection report. Puerta O' Baldia station.W	
473224	2/4	Fwd Commun	Personnel Operations quarterly inspection report. W Colon	
473225	2/4	Fwd Commun	Personnel Operation Quarterly inspection report. W La Palma.	
474638	2/3	Norf	24' msl 6505 for LA PALMA complete. Y	
475797	2/2	15th Dist	Fwds photos of shore stations.	W.

1970

COLON

Number.	Date.	From or To--	Subject.	
✓ 479884	3/2	White House	President signed order setting aside tract of land for Naval radio station at Punta Mala.	W.
485295	3/29 4/2	Solicitor Y&D	Fwds photostat copy of print of US Naval Reservation Punta Mala Canal Zone.	W.
✓ 489872	4/9 4/24	15th Dist Communications	Quarterly inspection report, La Palma. Fwd Com 4/27	W.
469871	4/9 4/24	15th Dist Communications	Quarterly inspection report, Puerto. Fwd Com 4/27	W.
489944	4/9 4/24	15th Dist Communications	Quarterly inspection report Fwd Communications 4/28	W.
✓ 491248	4/15 4/20	Coco Solo 15th Dist	Quarterly inspection report	W.
464310	4-20	15th Dist	Outline of radio work Colon Sta; W	604

COLON:

Number.	Date.	From or To—	Subject.	
451784	10:15	Pg 8d T	Reqt plans showing layout of radio and and auxiliary radio also antenna trunk for New York.	121-6 W
455711	10:18	Balboa	Quarterly inspection report of radio stations in Canal Zone and Republic of Panama.	
455862	10:18 11:4	15th Dist Com	Quarterly inspection report Cape Mala Station. fwd Com 11/6	
455861	10:21 11:4	15th Dist Com	Quarterly inspection report La Palma Station. fwd Com 11/6	W
455863	10:21 11:4	15th Dist Com	Quarterly inspection report Colon Station. fwd Commun 11/7	

Number.	Date.	From or To—	Subject.	
460752	11/18 11/20	Coco Solo 15th Dist	Subm progress report covering constructions of Puerto Obaldio To 15th Dist - Advise if material is found to be in store. 12-12	W
465064	12-25	To SEA	Reqd shipment radio relay keys from Boston to Colon. W	
466877	12/4	15th Dist To 15th Dist (T) - Repts NY to again furnish copies of invoice 1-15 fwd SEA. copy to 15th Dist. 1-15 RB 3/18 NY-fwd corres-1:21	pumping outfit on hand for Puerto Obaldio not reqd; ask if satisf to sell same to Panama Canal (T) - Appvd. 1-6 to S.O. NY (T) 1-6 N.Y. - pumping outfit's shipt to 15th Dist. 1/12	W.
466861	1/3	15th Dist Copy	Puerto Obaldio will be placed in commission 1/5.	W.
470136	1/4 1/7	Coco Solo Sub- Base Palboa 15th Dist - Request action. 4/29 W To 15th Dist - Request action. 5/15 X - Copy of action to Panama Canal 5/20. W.	Subm request for authority for erection of quarters, Dist. Radio Mat. Officer, 15th Dist. at Colon. fwd Secty 1/28 RB 2/16 fwd Asst Secty 2/16 RB 4/30 W To Asst Secty - reqst action 4-23	W.
473224	1:31 1:31	15th Dis Comm	Quarterly inspection report Colon station.	
473225	1:32 1:31	15th Dis Comm	Quarterly inspection report La Palma station.	

COLON:

Number.	Date.	From or To—	Subject.	
411051	4:2 4:14	15th Dist Com	Report of inspec of COLON STATION. To 15th Naval Dist-Regarding shipment of equip to Colon. 4:26 W	W
410888	4-15	To S&A	✓ Reqt shipment from Fleet Base to Colon three short wave radio receivers. W To Colon- fws booklet 4-19 To S&A- approval of items listed 4-22	
411301	4:3	Com Superintendent	COLON RADIO STATION; Daily log.	W
412539	4:2	BAIBOA Ord- Shipment ord cov material from Naval ~~Depot~~ Ammunition Depot Manila. with to 15th Dist Ord- Shipment ord cov material from from Brooklyn to 15th Dist. 6:3	Req ammunition and can be supplied Punta Mala station. To 15th Naval Dist- Fwd. 4-24 RB 4:28 To Ord- Reqt action. 4:30 RB 5:26 To Ord- Corresp fws to 15th Dist for info 5-22 To Ordnance- fel to shipment 5-28	
413973	4:28	TO S&A	Reqt ship from Wash to COLON of radio receivers, Audion cont box, batteries and amplifiers.	W
414429	3:24	Balboa	Putra Mala in operation.	W

1919

C LON:

Number.	Date.	From or To--	Subject.	
423612	6/4	NY	Annual allowance for Colon, Darien, Balboa, Coco Sola, re: report of fwd to be fwd to radio material officer To NY--fwd copies of corres. 6/7	914 3rd Dist.
✓433458	7:17	Coco Sola Tel	Five kw transformers at Colon burned out, spares installed, re:st auth to hip same to NY for renewing.	
436544	7:16 7:31	15th Dist Com	Quarterly inspec report Colon Station, W fwd 15th Dist via DNC 8/4 RB 8:6 fwd 15th Dist 8/9 RB 11:26 fwd 15th Dist. 12-15RB-1:31	
444811	9-1 0	7th dist (copy)	(T) reports on damage at COLON A	817

COLON

Number.	Date.	From or To—	Subject.
295178	-----	See Card 35	TO C&R Regs. to be advised if motor sailing launches can be furn. 8/27 15th Dist-774 copies of plans of radio masts To Darlen. (1) omit insulators and ground all guys. 11-13
371202	11:5	Balboa	Make copy of log for Colon.
38252	11:10	D C S Balboa	Put to Maria La Piedad and T. to report on progress of construction.
386924	1:7	Balboa	Req \$1,032.88 be allotted in addition to \$800 previously authorized cov instal of West Elec intra-phone sytem. W F d De t 1-22 received back 1:28 Req 40 motor generators sailers be assigned to Balboa... Cross to Balboa. 1:28 To 15th Dist-makes further allotment 2-1

COLON

Number.	Date.	From or To—	Subject.	
386028	1:4 1:18	Balboa Com	Quarterly inspec of Colon Radio Sta. to 15th Dist. Erection of 60' flag pole with 2-1	W
388661	1:11	Colon	Req bureau furnish prints and other data on 25 kw transm. To International Rad Telg Co- reqst BP be fwded 3-25	W
390587	1:22	Balboa	Req \$400. be allotted cov payment and repairs req to bldg at Cologne. To State Dept. priority is granted to expend sum of \$400. to paint the barracks 2 double barric quarters & effect minor repairs. 2/5	W
394097	2-12	To Colon (T)	Radio spark gap reqst 5-23 will be asept from NY first available carrier. W	
403839	3:6 3:15	Panama Canal S&A	Fwds bill cov sup furnished radio station Panama Canal. S&A 3-21	

COLON

Number.	Date.	From or To—	Subject.
295178	4/20	SEE CARD CARD 34	To Fairbanks Morse & Co—4/20
		Balboa - Sub. statement for	Fairbanks Morse - Quotes price 3-24
		radio stations and rec. allotment	Fairbanks & Morse Co fwds foundation plans
		be made 6:27	covering outfit. W
		To 15th Dist. Re establishment of	Canal Zone - Submits information re. hired
		Radio Station Cape Mala, Puerto	" 5-18
		Ochalda, & La Loma. 7/17	" 15th District - Fwds plan and estimates. W
		Balboa - Outfit entirely sat.	Canal Zone - fwds plans - 6/18
		reqst earliest shipment. W 7:18	To Balboa - C Z Radio station Punta Mala R.
		15th Dist - Fwds proposed layout	Dist Supt Canal Zone - Fwds prints showing
		plans of radio station Punta Mala	masts. W 6-1
		To Balboa (7) Loc to masts	Fairbanks & Morse - 6-18 Submits quotes
		for cable & other masts	for radio station. W 6-26
		To C&B 12 motor	Canal Copy of let to work. gives act. 9:3
		sailing launches can b. run. Date	of 8-22
		8:28	Balboa - Fwds blue print plans of Cape Mala
		Balboa - 8:28 TEL: Yes	with comments. W 6:26 To 15th Dist. Encl.
		Balboa - Fwds print os sil showing	Fwds requisition covering services in yearly
		location of masts, etc. W 8:8	allowance fiscal year 1918-1919 for Canal
8:2120		15th Dist - Puerto Ochalda site app.	Zone radio station. W
316900		6-1 Dist Com Supt Canal Zone	Ed. S&A 7/12 received back 7/29
			Ed. S&A 6/2 received back 9:13
317425	6:8	Panama Canal	
	6:17	S & A	Fwds bills covering services and supplies
			furnished radio station Zona. K
326703	7:4	15th Dist	Submits quarterly inspection report of
			Colon Radio Station. W
297178	9/6	To 15th Dist.	Re plans & location for Rad.sta. Puerto
			Ochalda, R. de P. W

COLON:

Number.	Date.	From or To—	Subject.
328447	7:4 7:19	15th Dist Naval Communication	Finds quarterly report of inspection. W
329171	7/26	To <u>Nav. Tel. Co.</u>	Re T. T. H. M. C. Report by P. d. to U. Vite for agent. for entrance inland tor. W
332224	None	Cristobal Sta	Sub routine and log report. W
333558	8/1	To <u>Nav. Tel. Co.</u> (5)	All removed from h. or r. d. d. to cable line action. W
334453	8/5	To <u>SEA</u>	Report. th. of radio amplifier from to Colon for ind. Sta. W
341744	8:5 8:25	15th Dist Commun.	Removal of 25 kw spark sets from Colon to Darian, submits report of the proposed plans covering. W
347812	8:15	To <u>SEA</u>	Report of agent for Y. to be taken to for the purpose of the Y. W

COLON

Number.	Date.	From or To--	Subject.
1244311	8/4	Colon	Recommends certain filling in be done on grounds in order to make more sanitary.W Fwd Y&D—8/22 RB 8/27
247211	8/29 8/31	Panama Canal SEA	Fwds bills for supplies and services.W Fwd S&A—9/6
254513	10/3	Darien	Fwds copy of quarterly inspection report of Colon for quarter ending June 30.W
255406	10/8	Darien	Recommends repairs to buildings.W To—Makes allot \$522.10/24
255460	10/10	Darien	Recommends painting of towers at Colon.W
256179	10/22	Y&D	Repainting of radio towers.W
262519	11/12	Panama Canal	Reports suspension of work on fill at radio reservation, Colon, due to exceeding allotment.W Fwd Dept—11/24 RB 12-1 To Y&D—Directs complete work.12/5 Y&D 12-7 Y&D 1-10

808:COLON

Number.	Date.	From or To--	Subject.
266061	12/3 12/7	Panama Canal SEA	Fwds bills for services and supplies.K Fwd SEA--12/19
267011	12/14	To SEA	Reqt shipt of relay key from Wash to.W
242801	SEE CARD 33		To Canal Zone--Grants auth for inspection trip to locate proper site. 2/13
293321	3-18	Panama Canal	Forwards bills for work on radio stations in the Canal Zone. K Fwd SEA--3/20
	To Balboa--4/18	To Canal Zone--4/19	Fairbanks Morse Co--4/19
	To Fairbanks Morse & Co--	Instrs re fwding Vandykes of erection plans.4/17	
295178	3/25	Comm Offer Canal Zone 4/15	Submits report on inspection of various sites in connection with establishment of radio station--submits estimates--Punta Mala, Tonosi, Puerta, Obaldia.
	Fairbanks Morris Co--4/10		To--Gives action.4/9
	To Fairbanks Morse & Co--	Reqt ests	To Fairbanks Morse & Co--R eqt fwd catalogs
	on two oil engines.4/12		to Canal Zone 4/15
	To Fairbanks Morse Co--	Reqt quotation	Fairbanks Morris Co--4/15
	on deep well pump.4/12		To--Gives detailed action.4/13
	To Fairbanks Morse & Co--4/13		Liats Panama Canal Bills appvd for payment. K
291670	3/27	Fwd SEA	
294575	4/8	Fwd SEA	Ditto. K

COLON: RADIO

101

Number.	Date.	From or To	Subject.
219529	3-16	Colon	Reports return of kerosene engine; have installed as auxiliary for 5 kw set; submits estimate; are shipping old M&W engine to Balboa shops. To Darien--(T) install 16 H.P. kerosene engine ath. 3/27
220709	3-22	Colon	Quarterly inspection.W
225380	4/23 4/2	Panama Canal S&A	Bill for services.W Fwd S&A--5/3
225351	4/18	Darien	To Y&D--Re: construct quarters.8/2 spark sets to Darien and turning Balboa into distant control for Darien 7.9 T Y&D--Fwd's blueprint of proposed antenna. 6/1 To Darien--(T) Instrns.8/2 District Control. Canal Zone District; detailed report on test of Colon station, handling both Atlantic and Pacific work.W Fwd Dept--5/14 RB 5-26 To--Recommendations appvd.5/28 Darien submits detailed estimate recommendations and plans for transferring one of Balboa's Fwds requisition for the Darien, Colon, Balboa covering supplies, uptakes, yearly allowances etc. for year 1917 and 1918.W Darien (T) request action 6.24 Fwd S&A--6/17 RB 7/2
230166	5-15	Darien	OVER Fwds requisition for the Darien, Colon, Balboa covering supplies, uptakes, yearly allowances etc. for year 1917 and 1918.W Darien (T) request action 6.24 Fwd S&A--6/17 RB 7/2
231486	5/20	Darien	Supplies requested that have not been received on Colon requisition #6.R Fwd S&A--6/7 RB 8/16 To S&A--Reqt reply.7/27 RB 8.3 Lists appvd Panama Canal Bills.
230531	6/1	Fwd S&A	
232489	5/30	Darien	Request authority to subscribe to local daily paper.W To--Disappvs.6/8

COLON. 808

Number.	Date.	From or To—	Subject.
✓ 1233575	6/1	Darien	Outline radio work 1918-19.W
✓ 1229745	6/27	Wash	Fwds prints.W
✓ 236937	7/5	Darien copy	States arrangement made to examine ~~sites~~ for 3 new radio stations at Panama, using destroyers; detachment of destroyers rendered impracticable; no other transportation.W To—(1) Directly communicate with Canal Zone Canal Zone 7/7/13 To—Instrns. 8/2
✓ 237387	6/23	Darien copy	Relative to sites; submits estimate, etc.W
✓ 241095	7/1	Colon	Fwds corrected sheets of inventory.W Colon fwds corrected sheets 9/26
242901	7/13	Darien	Radio stations in Republic of Panama; fwds recommendations relative to <u>sited</u> inspection until after raining season and approximate cost of certain.W Fwd Dept—8/14 RB 8/22 SEE CARD 34 To—Gives action. 8/27 be post oned until arrival of Sub. Chasers 1/31W Darien (R) request advise relative to kind of antennas 8/9 Y&D fwds print 8/9 To Darien—(T) Directs proceed with construction of antennas. 8/11 Y&D fwds copy of letter to Canal Zone. To Darien—Fwds copy of Y&D letter. 8/14 To Darien—Submits further information rec'd from Y&D in connection with antennas. 8/14
Colon recommends delaying trip of inspection until after raining season 4/17 Fwd Nav Com--10/30 RB 11/3 To--11/6 Colon - recommends trip of invest. be post oned until arrival of Sub. Chasers 1/31W 225351 OVER To Darien--Reqn D-9 appvd. 8/14 Darien fwds plans 9/8 Darien 10/4 Darien 11/14 To Darien--Grants auth to proceed with system. 10/24			

COLON: RADIO

1916

Number.	Date.	From or To--	Subject.
✓ 203355	10-17	War Dept	& DARIEN: bills for repairs. W Fwd S&A--Lists appvd bills. 10/24
✓ 203479	10-18 10-21	War Dept S&A	Bill for scraping and painting towers. W Fwd S&A--10/26
208885	12-8	Colon	Request authority to expend old portable buildings from books of stations. W To Darien--Appvs rec. 1/10
209012	12/20	To S&A	Reqt shipt of one ultraudion detector and amplifier from Wash to Darien, for Colon Colon reports shipment of audion amplifier to Wash 3/15
✓ 209231	12-11 12-19	War Dept S&A	& Balboa: Darien: fwsd bills for work done. K Fwd S&A--Lists appvd Panama bills. 1/11
✓ 210375	1/3	Darien R	Ground Improvement stopped: asks if can use combined allotment at Balboa. W To--(T) Appvs maximum expenditure \$1500 improvement grounds Balboa. 1/9
Colon 5-17	1/5	To Darien T	Piston rings for air compressor mailed Dec 13th. Gaskets for condenser shipt Jan 4th. WR
210553	1/8	To S&A	Reqt shipt of one receiver from Darien to Wash for disposition. W Colon reports shipment of IP-76 receiver 294 to Washington 1/29

COLON: RADIO 808

Number.	Date.	From or To—	Subject.
211165	12-29	Colon	Boundary line for Colon station; fwd's plan and description. W
211215	12-30	Colon	Report of inspection: quarterly W Fwd Bd IAS--1/15
213252	7/2	To Darien To S&A—Shipt reqt. 5/19 (2) To Rept list of apparatus shipt to Wash. 5/28 RB 6/27 Darien reports shipment of storage battery to NY 6/19 Fwd Darien 7/29 RB 7/24	Disposition of storage battery now at Colon Radio Station. If battery is to be shipt to NY outline procedure. W Darien request authority to delay action on reference 1/1 To--Grants auth. 5/26 Darien recommends storage battery 2 kw set at Colon be turned in 5/1
215623	2-15	War Dept	Fwd's bills for work done at and Balboa and Darien:K. Fwd ~~-----~~ appvs. 5/24
216738	2-23	Colon	Request new relay key for 25 kw Res. enden set. W To Wash--requests 4 kw relay and set for 5/6 To--Gives action taken. 5/6
216907	3/20	To Darien To--Fwd's corres with instrns. 5/12 RB 6/2 To Fed Co--Will accept list of spares as furnished. 6/4	NSE 25-B and Bu records differ. Reqt further information. W Colon recommends against transferring engine to Balboa 3/30 To Fed Co--requests spares and asks when will be sent to ist. us. 4/11 Fed tel Co request Bu's list of missing parts 5/1

COLON: RADIO

Number.	Date.	From or To—	Subject.	
186765	4-24	Colon	Withdraws request for motor cycle; reqt repairs to bicycle. W To S&A—Reqst shipment of motor cycle from Darien to Wash. 5/11 Colon reports shipment of bicycle to Wash. Yd 6/7 To S&A—Asks action taken of shipment reqt. 8/10 S&A mo or cycle received NY; have reqtd shipment to Wash. 8-15 Recommends storage battery be retained; kerosene engine not working satis. W To—(R) Asks what disposition will be made of generator. 6/16 Colon (R) reports on engines required Colon and Darien 6/17	
186155	5-9	Colon	To—Appvs transfer engine from Darien to Colon; 7/19	
189106	5-17	Canal Zone	& Darien; Balboa; fwds reqn for services of laborers, etc fiscal year. W. 6/5 To—Gives action on reqns. 6/5	
189669	5-20	Panama Canal	in inspection relative to garbage incinerators, arc room, plate glass, etc.	851
189735	5-25 6-1	War Dept S&A	Bills for work done, K fwd S&A—Appvs. 6/9	
9-202 survey	6/1	To Wash	Radio receiving set; was in good condition when received at Wash. Yd; understood minor repairs made and shipped to Colon; reqt information 6/1. W-Y	
174957	6-5	To Canal Zone.	Reqd detailed information as to need of engine.	604

COLON: RADIO. 808

Number.	Date.	From or To—	Subject.
✓ 190336	5-25 6-7	War Dept S&A	& BALBOA; DARIEN; Panama Canal bills; fwds for settlement.K Fwd S&A--Appvs. 6/9
✓ 192269	6-20	Colon	Gives military reasons why additional means for supplying towers should be provided.W
193266	6-20	Canal	Quarterly inspection report.W
✓ 196466	8/4 8/10	War Dept S&A	& Darien; bill for services.W Fwd S&A-- Appvs. 8/16
✓ 198465	8/31 9/2	War Dept S&A	Fwds bills for Colon, Balboa and Darien.K&W Fwd S&A-- Appvs. 9/16
199410	9-15	To Canal.	Asks disposition of certain radio material.W Colon meter and detector transferred to Darien by direction of former radio officer 9/29
200811	9-19	Darien	Quarterly inspection; fwds report.W Fwd S&A--10/7 RB 10/13 Fwd--10/17 RB 12/27
✓ 201196	10-5	Colon T	Reqt shipment by mail 30 Hudson filament bulbs.W
✓ 201329	To Sol-- 9-28	Fwds description of boundary Colon	1/12 Fwds print of new boundary proposed for site; Panama Canal fills around station and leaves buildings in pocket.W
	To Darien-- showing boundary line desired. Instrs. 12/5	Shows rough sketch of boundary line desired. Instrs. 12/5	To Darien--Comments on. 10/14 Colon additional corras and print relative to boundary 11/13
	Colon Fwds print with Gov letter recommends final 12-26 To Darien--Appvs rec. 1/12	Colon Fwds print with Gov letter recommends final 12-26 To Darien--Appvs rec. 1/12	Darien states info was fwded b f re BU letter read 2/14

COLON: RADIO:

Number.	Date.	From or To—	Subject.
172664	12-1	To Canal Zone.	Turn in armature for shipment to NY for repairs. W
172773	11-19 11-28	War Dept S&A	Fwd bills & Darrien, Balboa. W Fwd S&A via Y&D--12/4
175646	12-27	Colon	Quarterly report of inspection. W
175951	1-8	Marine Corps.	Reqt Butler house, Camp Elliott, Panama. be turned over to War Dept: was turned over to Navy Dept Jan. 1914. W To Darrien--[Bills there any use in prospect for house. 1/12 Darrien (R) no use for 1-13 Fwd Dept--Rec be turned over to War Dept. 1/13
176344	1-15 1-16	To Darrien. (R) Colon R	Asks capacity of new antenna spreaders. W New antennae not yet constructed. W
177672	1-18 1-31	Panama Canal Y&D	& BALBOA statement of expenditures. W
178110	1/25 2/4	Colon Supt Radio	Inventory. W
178776	2-1	Colon	& Balboa: fwas requisitions for bicycles motorcycles furnished unreliable. To--Arrvs rean for: asks if desire retain motorcycles. 2/17 Colon desire to retain motorcycles 3-2

FOE COLON; RADIO:

Number.	Date.	From or To—	Subject.	
✓ 179815 Colon reports 164153	2-11 Colon reports to Washn 4-4	To Darien. shipment of hydrogen	Wavemeter and receivers; make disposition of W. Darien 2-23 To S&A—Reqt ship out to Wash. 3/18 Report on unsatisfactory operation of Union Gas engine at Darien; engine satisfactory, not suitable for work; recommendations for disposal involving changes in power supply at Colon and Balboa.	851
179470	2-18	Fwd NY.	Quarterly reports of expenditures of radio station in Canal Zone; repts copies of reons be fwd to Radio Officer, Canal Zone. X RB 3/2 Fwd Colon—3/9 RB 3/30	
✓ 179655	2-10 2-19	Y&D DEPT	& BALBOA; DARIEN: cost of radio installation. Fwd Dept--3/11	
✓ 182531 17	3-15	Colon	Reports on trouble experienced in charging 300 ampere hour storage battery; describes apparatus used for charging. W To--Reqt further recommendation on. 4/10	
✓ 183046	3-28	S&A	Colon; Porto Bello, Darina, Balboa; fwds Canal bills. K Fwd S&A--Appvs. 3/30	
184166	3-8	At Coast supt	Quarterly report of inspection. W Fwd Y&D--4/15 RB 4/20 To Darien--Comments on report on inspection. 4/19 Fwd Dept--Re boundary of tract. 4/22	
185696	4/25	Darien R.	Estimate for repainting towers; with recommendations	851
174957	2/9	Colon	Outline of radio work, 1917-18; items which will require expenditures of over \$500	504

1915

COLON: RADIO

Number.	Date.	From or To--	Subject.
160495	7-13	Grenshaw	Private official message wire; connection with Army headquarters; recommends Army bear part of cost. W To (R) Make adjustment which appears best and satis to Canal. 7/14
161936 ¹⁶¹	7/18	Grenshaw	& BALBOA: fws corres relative to settlement under contract 2047. A. W. Kurz, for towers, delays in delivery, etc. W To Y&D--Recommendations re due to delay in completion of contract. 8/2
161800	7/13 7/21	War Dept SEA	Fws bills for services and supplies for Canal Zone Radio Stations. W Fwd SEA-- 8/6
161946	7/21	Grenshaw	Fws bills for Balboa and Colon. W
161948	7/21	Grenshaw	Fws bills for Colon, Balboa and Darien. W
161949	7/21	Grenshaw	Fws bill for building road and sidewalks, etc., Colon. W To--State allotment for has been exhausted; charge to sum for Canal improvement. 8/9
	8-9	To Brook.	Regn 301: incinerator for Darien; contr's submit style of kerosene burner and suggests its acceptance. W
163192	8-1	Grenshaw	& BALBOA: DARIEN: new steel towers; recommends employment of expert to make periodical inspection; recommends E.E. Seavy. W
163215	8-12	Grenshaw R	Asks when monel metal spreader will be recd. W To (T) material not recd: 8 days after receipt ready 8-14 To Host (R) asks when will be completed 8/13 To Host (H) asks when ready 8-18 Host (T) advises status 8/18

COLON: RADIO 808

Number.	Date.	From or To—	Subject.
✓ 163372	8-6	Grenshaw	Fwds Canal bills for & Balboa, Darien.W
✓ 164641	8-20	Grenshaw	Re-adjustment of rental charges private telegraph line. W To-- Appvs. 8/31 Fwd Dept-- 9/10
✓ 164672	8-10 8-30	War Dept S&A	& Darien & Balboa: fwsd Panama bills.W Fwd S&A--8/31
✓ 164649	8-10 8-30	War Dept S&A	Fwds Panama Bills for & BALBOA.W Fwd S&A-- 8/31
✓ 165717	9-3 9-11	War Dept S&A	Bills for, and Balboa, Darien. Fwd S&A--9/16
165992	? 9-16	War Dept S&A	& BALBOA: fwsd bill for construction work.W Fwd S&A-- Appvs. 9/16
167394	9-24	Grenshaw	Fwsd bills for concrete anchor post.W
✓ 169678	10-14 10-27	Grenshaw Y&D	Panama Canal bills for spark plugs: gaps: & Balboa, Darien. W Fwd Grenshaw--Make notation on bills. 11/16 RE 12/30 Fwd S&A--Bills appvd. 1/5
✓ 170358	10-25	Colon	Quarterly report expenditures. W
✓ 172583	11-26 11-29	S&A Y&D	& Balboa: Panama bills for work foundations for towers.W Fwd S&A-- 12/3

COLON: RADIO

1915

Number.	Date.	From or To—	Subject.	
153492	4-20	Colon	Exciter on 5 kw set too small.W Fwd NY-- For comment and rec. 5/1 RB 5/10 To--(R) Asks what purpose auxiliary load from exciter is used for. 5/1 Fwd NY-- 5/24 RB 6/14	
153945	3-11	Panama Canal	Colon, Balboa, Darien; status of work at station.W	
154054	4-28 4-30	War Dept Dept	& Balboa; Darien; fwds bills.W Fwd S&A-- Fwds appvd. 5/27	
154179	5-3 5-5	War Dept S&A	Fwds bills for services rendered.W Fwd S&A-- 5/24	
154389	5-7	Y&D	Total expenditures \$141,935.49; estimate \$129,967.22 W	
155406	5/11	Crenshaw	Panama bills.	851
155804	5-15	Crenshaw	Fwds panama bills.W	
155860	5/25	Crenshaw T	Reports receipt and installation of insulators, pins and brackets; Balboa's not yet received.W Fwd Y&D-- For comment and rec. 6/3 RB 6/7 Fwd Y&D-- 7/9 RB 7/13 RB 7/14	
155811	5-16	Crenshaw	Fwds bill.W	
156124		War Dept	Fwds. bills	851

COLON: radio 808

Number.	Date.	From or To—	Subject.
✓ 156437	6-1	Y&D 10730	& BALBOA; towers; operating platform.W Retd-- Appvs est for. 6/2
✓ 156500	5-25	Grenshaw	& BALBOA; DARIEN; fwds Canal bills
✓ 157372	5-28 6-9	War Dept S&A	Fwds bills for and Darien, Balboa. W Fwd S&A-- Returns bills. 7/1
✓ 158124	6-8	Grenshaw	& BALBOA; relative to aerial spreaders for.W To Host--Rect two 40-ft and two 25-ft spreader be shipped to. 7/6
✓ 158402	6-12	Grenshaw	& BALBOA; DARIEN; fwds reop covering services required during fiscal 1916. WR To--Returns reops; submit in accordance with 153343-914. 6/26 RB 8/19
✓ 158781	6-14	Grenshaw	& DARIEN; Balboa; fwds bills.W
✓ 159039	6-14 6-26	War Dept S&A	& DARIEN; BALBOA; fwds bills.W Fwd S&A via Y&D-- Fwds. 7/15
✓ 159334	6-19	Grenshaw	BALBOA; DARIEN; fwds bills.W
✓ 159517	7-2	Y&D	& BALBOA; copy of letter directing inc work on towers.W
✓ 159518	7-2	Y&D	& BALBOA; rect additional allotments. \$775 covering platforms and insulators.W Retd--Allotment authorized. 7/9 Y&D copy of letter relative to allotments for operating platforms. 7-12

1915

COLON: RADIO

Number.	Date.	From or To--	Subject.	
145806	1-29	Crenshaw R	Power of motor should be 7-1/2 HP: D-C. W	
146688	2-8	Y&D	Fwds report on progress of work under cont 2057: Kurz, W Rtd-- Comments on 2/15	
146691	2/5	S&A	Canal bills for work at	851
146905	2-2	Crenshaw	Fwds bills for & Balboa, W Fwd S&A--Fwds appvd. 2/25	
146906	2-2	Crenshaw	Fwds bill for elec current, lights, etc. & Balboa, W. Fwds appvd. 2/25	
147246	1-8 2-10	Crenshaw NY 2758-660	Relative to purchase of ammeter to replace one destroyed by fire at NY Fwd NY--Appvs issue of 2/16 JBI	
147251	2-4	Inspacotor at (Y&D	& BLABOA & DARIEN: reports status of work Jan 31, 15 To Y&D-- Comments on increased estimates for constructing station. 2/27 RB 5/15 To Y&D-- Next action. 4/14 RB 4/19--awaiting reply from Panama Canal. To Y&D-- on expenditures at 6/7	
149466	3-10 3-11	War Dept Dept	Station is ground that is property of Panama Railway; cannot be covered by Executive grant; recommends Navy obtain lease. Fwd Dept-- Noted. 3/15	
149600	3-2 3-8	War Dept S&A	Fwds Panama Bills for work done at, and BALBOA: DARIEN, W. Fwd S&A-- Fwds. 3/19	

COLON: RADIO. 808

Number.	Date.	From or To—	Subject.
✓ 149636	3-4	Crenshaw	& Balboa: fws canal bills. W Fwd S&A-- Fws appvd. 3/16
149890	3-2	Colon	Reqt authority to employ 2 helpers 18¢ per house. To--(R) Authorizes. 3/17
✓ 150338	3-11	Y&D	BALBOA; DARIEN: status of work; up to Feb 28
✓ 150976	3-20	Crenshaw	& BALBOA; DARIEN: fws Canal bills. W. Fwd S&A-- 4/19
✓ 151475	3-25	Crenshaw	& BALBOA; DARIEN: fws bills. W Fwd S&A-- 6/3
✓ 151867	3/23 4/1	War Dept S&A	Fws bills for work done at Colon, Balboa and Darien. W Fwd S&A-- Fws appvd bills. 4/19
✓ 152393	4-15	Crenshaw	& BALBOA: reqt authority for Canal force to repair Lowenstein tube gap. W To--(R) relating to Lowenstein spark gaps auth; machine work to be done Darien. 4/17
✓ 152822	4-7 4-10	War Dept. Dept	& BALBOA; DARIEN: Fws bills. W Fwd S&A-- 4/28
✓ 152945	4/14	Crenshaw	Quarterly inspection; fws report. W
✓ 153041	4-10 4-22	Panama Canal S&A	& BALBOA; DARIEN: estimate for installing lightning protection. W Fwd Y&D--Gives allotments auth. 4/24

COLON: RADIO.

7014

Number.	Date.	From or To—	Subject.	
139733	11-10	Colon	Was copy of contract for removing North mast in which contractors responsible for damage to material and personnel: lists property damaged and gives name of men killed. W To--Instructions. 12/5	
139738	11-6	Williams	Fwds bills for & Balboa, Porto Bello. W. Fwd S&A-- Fwds appvd bills. 11/25	
139754	11-14	NY	* BALBOA: antennae wire: 10,000' shipped Aug 3: 25,000' Oct 3: asks if 17,000' requested Oct 22 is in addition to. W. Fwd NY via S&A-- Reqt shipment. 12/10	0113
140308	?	Williams	Fwds photos showing wreck of mast.W	
140675	11-18	Colon	Copy of letter to NY requesting repairs radiation ammeter.W	
140891	12/1	Dept	Fwds report of Board Investigation on the falling of the north mast at Colon.W	
141013	11/19	Colon	Fwds bills, Colon, Balboa, Darien.W Fwd S&A-- Appvs bills. 12/18	
141546	12-9	Colon R	Short circuiting relay for Lowenstein set not received.W To--Will shipped when completed. 12/10	
142979	12-15	Grenshaw	Fwds bills for Colon, Balboa, Darien. W Held-- For correction. 1/12 (Bill #10647) Fwd S&A via Y&D--Fwds appvd bills. 1/12	

COLON: RADIO 808

1915

Number.	Date.	From or To—	Subject.	
143453	12-1	Crenshaw	Reqt spreaders for experimental antennae be shipped as soon as possible; towers ready Jan 15, W To--(R) Spenders delayed, probably arrive February 1st. 1/2	
144000	12-31	Crenshaw	& Balboa: Canal bills, W Fwd S&A-- Fwds appld bills. 1/14	
144171	12-17	Crenshaw	Reqt allotment \$5,000 for ground leveling and grading. W To Dept-- Rec apvl of. 2/14/23. apvl. also apvl item for Balboa. see 144172-850) To--(R) Appvs work. 2/5	
Reqn #5	1-13	Zone-- Appvs work. 2/6 To--Auth monthly allot- ment 4/28 to cover. 4/28 To Colon.	Is it necessary to employ all 5 laborers at \$1.25 per day? Could part on work be done with laborers \$1.00 per day. W-R	
144797	1-7	Crenshaw	Copy of letter addressed to Panama RR Co. relative to installing a private direct telegraph circuit between Panama radio station. W	
145013	1-20	Crenshaw R	Motor received without starting device. W To NY--(R) Asks when expected to arrive. 1/22 To--(R) Reqn prepared covered device. 1/27	
145120	1-20	Crenshaw R	Reqt \$1960 for constructing roads and walks. W Fwd Dept-- Rec apvl. 1/26	
145285	1-12	Crenshaw	Quarterly report of inspection. W.	
145218	1/21	Y&D	Fwds progress photo	851
145452	1-25	NY R	Motor delivered does not include starting device, recommends make separate reqn for To NY--If not in stock prepare reqn for. 1/27	

COLON: RADIO.

1914

Number.	Date.	From or To--	Subject.
✓ 135523	9-29	To NY	Submit plans and estimates for construction of antennae for radio stations at COLON and BALBOA; gives instructions. W
136096	9-26	Greenshaw	Reports shipment to NY exciter armature for return to factory for repairs. W
✓ 136230	10-7	NY T	& BALBOA: proposed spreaders; monel metal requires 40 days; after award of contract; reqt telegraphic approval of. W
✓ 136310	10-7	NY 758-855	& BALBOA: antennae for radio sta; submits plans of proposed spreaders monel metal; only satis non-corrosive material. W To-- Comments. 10/9 Fwd Y&D-- Req't comment. 10/9 D.J.C.
✓ 136608	10-10	Greenshaw	& BALBOA: tv is bill for lighting and wiring. W Fwd S&A-- Fwds appvd 10/20
136487	10/9	Y&D	Reports progress of work 851
✓ 136775	10-12	Y&D 10730	& BALBOA: reqt additional allotment \$17,000. WK Fwd Y&D-- Comments. 10/15
137132	10-16	Greenshaw R	Req't authority to employ 2 laborers. W. To-- (R) Authorized. 10/19
137152	10-9	Greenshaw	Report of inspection. W

COLON; RADIO. 808

Number.	Date.	From or To--	Subject.	
✓ 137163	10-16	NY	& BALBOA: antennae wire for. W To-- Instructions. 10/22	
✓ 137435	10-20	Crenshaw R	North mast cracked by lightning; recommends taking down to protect building. W To-- (R) Removal authorized. 10/21	
✓ 137757	10-16	Crenshaw	& Balboa: fwsd bills for repairs. W Fwd S&A-- Fwsd appvd bills. 10/29	
137752	10-14	Crenshaw	Fwsd bills. W. Fwd S&A-- Fwsd appvd bills. 10/29	
137753	10/10	Crenshaw	Understand lightning switches will be shipped complete from NY; also reqt de- tails of grounding switch to be installed at Darien	851
✓ 137992	10-26	S&A	& BALBOA: DARIEN: fwsd invoices from Panama canal; asks appro chargeable. W Fwd Y&P-- For comment. 10/28 RL 1 Fwd S&A-- 11/9	
✓ 138735	10-27	Colon	Reports damage caused by lightning. W Fwd Radio Ser-- For information. 11/5	14
✓ 139100	11-9	Colon T	2 men killed while working on mast; married operator quarters badly damaged. W	
139730	11-6	Colon	Reports station out of commission one hour nov 2 while placing new antennae. W Fwd Supt. Radio 11/19	

COLON: RADIO.

1914

Number.	Date.	From or To—	Subject.	
130560	7-11	Crenshaw	Bills for work at Colon. W Fwd S&A.appd.7/24.	
✓130766	7-16	Crenshaw	& BALBOA: fws bills for current. W Fwd S&A.appd.7/27.	
✓130910	7-25	X&D 10730-85	& BALBOA: DARIEN: fws photos showing progress of work. W	
131076	7-2	Colon	Report on 25 kw set being out of commission June 26 to July 16.1 To--7/30	
20615	7/27	To Lowenstein	Motor generators of 5 kw sets for Balboa and Colon; request prints be forwarded at earliest convenience	629
20615	7/30	Lowenstein, F.	Motor generator; exciter; for Balboa and Colon; fws print	629
✓131337	7-13 7-17	War Dept Dept	& BALBOA: DARIEN: bills for service.W Fwd S&A.appd.8/4	
✓131696	7-27 8-4	War Dept S&A	& BALBOA: DARIEN: submits bills for work.W Ret S&A.8/8	
132135	8-8	Crenshaw	Fws bills for circuit breakers point. W Fwd S&A.appd.8/13.	
132134	8-3	Crenshaw	Bill for repairs to motor.W Fwd S&A.appd.8/13.	

COLON: RADIO. 808

Number.	Date.	From or To—	Subject.	
132476	8-8	Crenshaw	Fwda bills for repairs, furniture, etc. W Fwd S&A. appd 8/18.	
✓ 132567	8-11	Crenshaw	Reqt telephone installation in house of radio officer. W Fwd Dept. rec appr. 8/20.	
✓ 132568	8-11	Crenshaw	& Balboa: cranes for: reqt be expedited. W To--- will be expedited. 8/19.	
133115	8-27	Y&D	Fwda. report on status of work	851
✓ 133480	8/24	Crenshaw	Colon, Balboa and Darien; lists expenditures and recommends that all previous authorizations be cancelled and lists submitted approved. W To--- Disappvd. 9/4	
134621	9-14	Y&D 10730-95	Assignment of permanent site. Panama Railroad Co. W	
Fwd Dept-- Rec matter be taken up with War Dept-- 10/3 War Dept impracticable to transfer to Navy 11-19		Comments. 12/10	Fwd Dept-- 9/21 rb 9 26 --Solicitor advises to rights in the land covered by site and rec. executive order be issued placing site under control of Navy Dept.	
134924	9-21	To S&A	Req shipment of radio material from NY to Colon. To NY-- Rec shipment of two Lowenstein radio transmitting set to Colon. 9/21	
✓ 135162	9-15	Crenshaw	Fwda bills for work at & Balboa. W Fwd S&A-- Fwd appvd. 9/26	
135483	9-16	Crenshaw	Armature and ammeter: shipped North for repairs. W	

COLON: RADIO

1914

Number.	Date.	From or To—	Subject.	
126937	5/28	Crenshaw	Bill for rubber stamp.W Fwd S&A 6/12	
126979	5/29	Colon	Wave lengths: reports new adjustment of.W	
126981	5/2	Crenshaw	Fwds bill for material issued.W Fwd S&A 6/12	
✓ 127233	5/12	Y&D 2047	A BALBOA: Copy of contract with A.W.Kurz for towers.W	
127509	6/9	Crenshaw	Ground system: fwds print of proposed.W (R) to -- satis. as mod. 6/17	
20615	6/13	F. Lowenstein	0 -- returns plans with modifications 6-18 Fwds prints of radio apparatus	629
✓ 127700	6/3 6/17	Crenshaw Supt. of Radio.	Telephone and telegraph connection for radio station: fwds corres. re circuits with the Panama authorities.W Fwd Dept. comm. s. rec appr. 6/25. Fwd Supt. Radio. 7/3. 6/18 Fwd Dept. -- Noted: 9/21. appd 23 appd To Via RS -- Appvd. 10/3 Bill for condenser bases.W Fwd S&A -- appd 6/24	appd
128124	6/15	Crenshaw	Fwds bill for electric current Colon. Balboa and Varian.W Fwd S&A -- appd 6/24	
✓ 128125	6/16	Crenshaw		
128654	6-27	Crenshaw H	Big set out of commission 2 weeks: motor trouble. W	

COLON: RADIO. 808

Number.	Date.	From or To—	Subject.
✓ 128670	6/30	To Y&D	& BALBOA: appropriations available for next fiscal year; work not to be discontinued on 1st request estimates to be charged against 1915 appr. "Engineering". No 71 To— allotment \$37,000 made. 7/2.
✓ 129097	6-26	Colon	Fwds panama canal bills. W Fwd S&A. appd. 7/6.
21050	7/2	Washn	Motor cycle delivery van for Colon and Balboa; reqt instructions re shipment and inspection 62
128966	7/2	Crenshaw	Reqd rush shipment of 1200' copper stripping 850
✓ 129192	7-3	NY 2756-855-7 To Canal Zone: fwds prints. 6/3	Submits plans and estimates for mfg distribution board. W To— request information as to prospective delivery of motor. 7/18. To Canal Zone. Fwds prints. 7/18. NY fwds revised b/p 8-1
129900	7-1	Crenshaw	Bills for & W Fwd S&A. appd. 7/16.
✓ 130103	7/7	Crenshaw	Fwds bill. W Fwd S&A. appd. 7/20.
✓ 130236	7-16	Crenshaw R	Big set in commission July 16. W
✓ 130446	7-15	War Dept	Work on radio stations Canal Zone; cites instance where original request covered \$20,000 and afterwards expended \$60,000; reqt that similar work be pursued with definite plan agreed upon before work is started. W Fwd Y&D. 7/23.

COLON: RADIO

1914

Number.	Date.	From or To	Subject.	
✓ 121786 121816	3-31	Colon	& PORTO BELLO: fwsd ICC bills.W. Fwd S&A appd. 4/10.	
✓ 121816	3-27	Colon	Bills. ICC for material furnished.W Fwd S&A.appd. 4/9.	
✓ 121949	4-8	Y&D 2047 BELOW	& BALBOA: steel towers: fwsd bids: recommends award to A.W. Kurz. W. Fwd Dept. 4/10 RB 4/17 Y&D changes recommendations, now rec. award to Milliken Bros. So as to divide work among different concerns. Kurz has Wash. Key West and Bost. Ids. Quarterly ins. action. W	
122562	4-1	Crenshaw		
122573	4-6	Crenshaw	Fwsd bill for repairs to typewriters.W Fwd S&A.appd. 4/16.	
121949		SEE ABOVE	Fwd Dept. calls attention to importance of expeditious completion of work. 4/17 RB # 24 Fwd. Y&D 4/23	
✓ 123230	4/23	Y&D 10730-38	& BALBOA: recommends Panama Canal be authorized to construct tower foundations for fwsd Dept. rec appr. 4/24. Ret.---asks how much of this sum will be spent during present fiscal year. 4/30.	
123815	4/30	Crenshaw R	& BALBOA: houses for: quartermaster desires to substitute different buildings for operators	850
124137	5/6	To Colon & Ord	Reqs for arms and ammunition disappd; requests Ord. furnish	851

COLON: RADIO. 808

Number.	Date.	From or To—	Subject.
125273	5/9	Crenshaw	Requests authority to improve ground system.W TO (R) pappd 5-20 & Balboa
125342	5-20	TO Crenshaw	Expende Pierce wavemeter from books: Shipped from NY after repairs, to Washn. W
125567	5/22	Colon	BALBOA, PORTO BELLO and DARIEN; fwds bills.W Fwd S&A 5-23
125839	5/18	Crenshaw	& BALBOA: fwds bill for electric current.W Fwd S&A 5-27
126282	6/2	Y&D	& BALBOA: Expenditures by Canal labor on buildings: total \$40,000 for buildings and \$10,000 for sewer, water, grading, etc. W
126303	5/22	Crenshaw	Fwds bills for electric current, etc.W Fwd S&A Appd 6/6
126309	5/25	Crenshaw	Antenna: makes recommendations and requests Bureau design.W To—6/16
126310	5/24	Crenshaw	Gives description of electrical apparatus, current required, etc. Recommends wiring of machines in powerhouse and operating buildings be done by station force, except light wiring.W To Colon—NY—instructions 6/5 To E. Lowenstein—Reqt plans for 5-kw radio sets purchased on contract 20615 for installation at Colon and Balboa 6/5
Crenshaw 6/15 (R) have two 2-kw alternater one on oil engine base. Also nec. induction motor shaft. Will use spare machine either at Colon or Balboa.W To —6/10 Crenshaw comments on instrns 6-10 6-30			

COLON: RADII

1914

Number.	Date.	From or To—	Subject.
✓ 117080	2-6	Dept	Quotes radio changing address of Crenshaw from Camp Elliott to Colon. W
✓ 117771	2-13	Arlington	Condenser bases; fwla print Fessenden type W To Colon. fwla print showing movable base. mfr of 8 movable bases authorized. Secondary install 25-kw inductances over the 25-kw condensers. 2/17
✓ 117986	2-16	Marine Corps	Gives value of furniture to be transferred to quarters of Officer in Charge Radio Stations, Colon/W Fwd Dept. Regt. Maj. General Commandant be informed that transfer has been authorized. 2/19.
✓ 118105	2-8	Colon	Reqt bicycle for messenger service. W To 24-directs submit reqn for motorcycle
118173	2/20	To Colon	Machinery lay-out; forward's print. W Crenshaw satis with slight changes 3-3 Crenshaw mach y layout per house 3-10 Copy of letter from War Dept turning over quarters formerly occupied by Marine Detach- ment. W Fwd Dept. 2/25.
118496	2-30	Colon	Reqt spare rotor for inductance motor. W Fwd NY. prepare reqn for 2/26. W To --- room. prepared for. 2/9.
118497	1-30	Colon	Quenched spark gap; reqt spare parts. W To --- reqn will be prepared. 2/26. Fwd NY. mfr of material authorized. 2/26
118498	1-30	Colon	Oil engine; reqt spare parts for; submits out showing size. W Fwd NY. prepare reqn for nec. spare parts. 2/26

COLON: RADIO 808

Number.	Date.	From or To--	Subject.	
✓ 118528	2-16	Colon	Bills for Balboa, Porto Bello and Colon. W Fwd S&A. appd. 2/27.	
118713	2-16	Crenshaw	House for officer in charge radio stations; re. W	
119721	3-7	Colon	Fwds bill for and Porto Bello. W Fwd S&A. appd. 3/13.	
119740	3-5	Marine Corps	Gives appraised value of furniture for quarters for Chief Elec. W Fwd Dept. rec transfer. 3/13. SEE B 10	851
119693	3/6	War Dept.	Balboa and Colon; structural steel for towers; corres with A. H. McCay re their admission free of duty under Panama Act. Summarized opinions that material is subject to duty Panama Republic except when ac- tually used for Canal construction.	850
116173	4/3/13	SEE OTHER SIDE	To Colon. Machy lay-out will provide for storage battery room on south side; revised plans will be furnished. 3/13.	
120005	3-14	Y&D	Fwds revised location plan for radio build- ings. W	
119995	3-5	Crenshaw	Reqt motor cycle. W	
120005	3/16	To Colon	New installation; forwards prints. W	
✓ 121363	3-23	Crenshaw	Bills for & Balboa. W Fwd S&A. appd. 4/4	

COLON: RADIO.

1913

Number.	Date.	From or To—	Subject.
✓ 109966	11/11	TO Dept.	& BALBOA: requests authority to proceed with necessary alterations of stations. W to I&D. Recd. a preparation of plans and estimates for work. 11/11. 11/11
✓ 110565	11-8	Colon	Gives dimensions of 25 and 2 kw sets at sta. W Fwd Y&D. 11/19. re 10 6
✓ 111409	11-18	Colon	Fwds bill for current. W Fwd S&A. appd. 12/1.
✓ 111855	11-24	Colon	Fwds bills for elec. current. W Fwd S&A. appd. 12/4
✓ 112617	12-5	Colon	Ownership of land: Fwds map showing buildings and extent of reservation: Land owned by Panama Railway Co and not covered by lease. W (R) To—directs confer with Maj. Butler and Canal Com. re site. 12/13. Cranshaw letter re <u>new site</u> mailed Dec 17. (R)
✓ 113474	12-18	Colon	Fwds bills for material. W Fwd S&A. appd. 12/27.
✓ 113535	12-17	Colon	Recommendations for site on Govn land: submits plan showing proposed location. W
✓ 113776	12-19	Colon	Fwds bill for current & Balboa. W Fwd S&A. appd. 12/30.

COLON: RADIO 808

Number.	Date.	From or To—	Subject.	
113780	12-22	Colon	Stand by outfit; reqt authority to purchase 7-1/2 HP induction motor from Isthmian Canal Com. W (R) to—purchase appd. 12/30.	
113875	12-31	Crenshaw, Lt	Reqd set of head phones for listening in. W To S&A. request shipment from PY. 1/2	
			1914	
114183	1/3	Y&D	& BALBOA. reqt that \$45,000 be allotted Colon, for steel towers.	850
✓ 114715	12-31	Colon	Quarterly report inspection. W	
			1914	
115045	1-12 1-12	Crenshaw R Supt Radio	Recommends CO house Camp Elliott be transferred to Officer in Charge Radio Stations; requires \$2,000 to remove to suitable location. W Fwd Dept via Marine Corps; with rec. 1/12 B. B. 210 Fwd Dept. 2/11. 1/12 (R) to—transfer authorized. Submit plan location Darien reservation on: 2/19	
✓ 116163	1-28	Crenshaw	Reqd permission to move house from Camp Elliott be sent by radio. W (R) to—cannot grant until final approval of Secy. 1/28	
116416	1-21	Crenshaw	Fwds bills for stations of zone. W Fwd S&A. appd. 2/2.	
✓ 116946	1-27	Crenshaw	Gives reasons why house at Colon should be moved. W (R) to—no appr. for transfer; reqst rec re quarter pending completion of Darien. 2/6 Fwd Dept via Y&D and Supt Radio. rec appr of transfer. 2/7	

COLON:RADIO

1913

Number.	Date.	From or To--	Subject.	
✓ 102374	7-18	Colon	Fwds bills for Porto Bello, balboa, etc. W Fwd S&A appd. 7/28.	
102375	7-16	Colon	Fwds bill for work on sewer; reports exceeding estimate on repairs to mast. W To S&A. fwds bill appd. 7/28.	
102475	7-11	Colon	Fwds report of inspection. W Fwd Dept. 7/30.	
103662	8-4	Colon	Recommendations for reliable stand-by. W To--appd. 8/23 Colon: rect. Bu make recon. 10-11 To--& NY. directs NY make recon for: 10/21 Colon 10-29	
103953	8-19	Colon	Fwds bills for supplies. W Fwd S&A. appd. 8/20.	
104216	8/23	To	If can install temporary low antenna over roofs without requiring official action part of Bureau, take immediate steps to complete same during present tests.	903
104363	8/26	From	3000' antennae built in time for test Tuesday: arc readable tonight.	903
104672	8/30	Colon	TESTS: corrects height of temporary aerial	903
105510	9/12	Colon R	Tests, rect permission to take down temporary antennae used during ARLINGTON TEST	903

COLON: RADIO 808

Number.	Date.	From or To—	Subject.	
106351	9-15	Colon	Fwds bills for & Porto Bello, & Balboa.W Fwd S&A 9-27	
106517	9-17	Colon	Fwds bill for hauling. W Fwd S&A 9-29	
107361	9/19	Denver	Tests between DENVER And ship.	903
107615	9-30	Colon	Report of quarterly inspection/ W	
✓ 107796	9-30	Colon	Quarterly inspection report.W	
✓ 108452	10/21	To Colon R	Request report present condition of buildings, and recommendations for location new steel towers and buildings for 5-kw station. To --- Supplements radiogram; also includes ✓ BALBOA. 10/22	
✓ 109377	10-27	Colon	Recommendations for permanent buildings. W (R) to --- request dimensions of 25' and 2'-kw also distances between centers. 11/4 Fwd 12D. 11/12 rd 10.6	
✓ 109715	10-29	Colon	Fwds bills for, and Balboa, Porto Bello.W Fwd S&A. ap'd. 11/6	

COLON: RADIO.

Number.	Date.	From or To—	Subject.	
✓ 94572	4/9	Marconi Co. T	Long distance station Canal Zone: requests opening of bids be postponed one month. To---Postponed until May 30. 4/10 To---Opening postponed to May 10th. 4/12 To V&N (For S&A) sig. directs postpone opening to May 10th. 4/12.	851
94783	4-9	Marconi Co	Canal Zone station: takes further exception to specs and gives reasons for desiring extension of time to make bid. W Fwd Dept. 4/14.	557
✓ 95389	4/21	Colon	A PORTO BELLO: Requests allowance lists of first-class battleship be forwarded for use of W To S&A will furnish list of stores, etc Fwd S&A 4/22	4/22
95859	4/26	To NY, Chas & S&A	Wave meters, Bu. regn 342, reqt shipment of one to Chas. add one to Colon.	893--4
96141	4/22	Colon	Fwds bills for Colon, Balboa and Porto Bello. W Fwd S&A--Appd. 5/2	
96861	4/23	Colon	Fwds I.C.C. bills for Isthmian radio stations. W Fwd S&A. appd. 5/10.	
97179	5/13	To S&A	ARLINGTON: reqt transfer of one heterodyne receiving outfit from, to COLON.	841

COLON: RADIO: 808

Number.	Date.	From or To	Subject.	
✓ 97459	3-31	Colon	Bill for repairs to mast and circuit breaker, and steel tower at Balboa. W Fwd S&A. appd. 5/17.	
✓ 98057	5-16	Colon	& BALBOA: bills for current. W Fwd S&A appd. 5/27.	
98058	5-16	Colon	Repairs to circuit breaker; fwds bill. W. Fwd S&A. appd. 5/27.	
98771	6-4	Colon R	Rect. authority to ship repair work to NY at discretion. W (R) to -- via S&A appd. Instructions: request shipping instructions. 6/6. 6-11 To -- & S&A request issue shipping in- structions and blanks. 6/12. Colon copy of letter to NY. 7-15	
100685	6-21	Colon	& BALBOA: PBSTO 3/110; fwds bills. W Fwd S&A. appd. 7/3.	
✓ 101981	7-11	Colon	Report of inspection. W	
101816	7/11	Colon	ALLOTMENTS: submit amounts per quarter	602
102186	7-15	Colon	Fwds bill for elec. current, Balboa, & Colon, supplies, etc. W Fwd S&A. appd. 7/24.	

COLON: RADIO

1913

Number.	Date.	From or To—	Subject.	
91983	3-6	Y&D 1948	High power radio station; fwsd copy of proposed specs. for towers; also copy of advertisement.W To---Specs satisfactory.3/10.	-
91915	2-26	Colon	Fwsd bills for repairs to & porto Bello.W Fwd S&A appd.3/8.	
✓ 92091	3-8	Y&D 10730-3	High power station Canal Zone; fwsd report and recommendations Civil Engineer Carlson.W	
92190	3/11	To Colon	ARLINGTON: instructions for conducting tests with, & SALEM.	841
✓ 92412	3-11	Marconi W.T.Co.	Reqt. opportunity to bid on h.p. station Canal Zone.W To---deposit required to ensure return of specs.3/14.	
92556	3-14	Nat.Elec. Sig.Co.	High powered station;reqt. opportunity to bid on.W To---can obtain specs from Y&D.3/15.	
93474	3/7	Colon	Requests for furniture, kitchen utensils, etc. Fwd NY.3-27 RB 4-2	
93662	3/29	To Atlantic Communication Co.	[For Secy's sig.] Specs #1948 for high power radio station to be erected in Panama Canal Zone; comments.(Reply to letter of 26th) To---Ack re ly of Mar.26th. 4/1. To---& Marconi W.T.Co. comments; adheres to former decision.4/7. To---opening of bids deferred until May 3d.4/9.	

COLON: RADIO. 808

Number.	Date.	From or To—	Subject.
✓ 93267	4/1	To John W. Griggs.	Ack receipt of letter of Mar. 25th in connection with radio station to be erected in Panama Canal Zone (For Secy's sig.) To---Opening of bids deferred until May 3d. 4/9. Marconi rect. be deferred to 5-20. 4-10 Fwd Dept. 4/15.
✓ 94055	4-3	Hepburn, Lt. Comdr. H.A.	Canal zone high powered station: reply to protest of Atlantic Communication and Marconi companies in connection with specs for equipment for. WC
94187	3-24	Colon	Fwds bills for, and Porto Bello. W Fwd S&A. appd. 4/5.
✓ 94379	4-4 4-7	Nat. Elec. Sig. Co. De t 12472-407	High powered station Canal Zone: rect. time of opening of bids be extended to May 1st. W. Ref Dept. rec appr. 4/8. 4-10 To Co. date of opening deferred until May 3d. 4/9.
✓ 94524	4-3 4-7	Nat. Elec. Sig. Co. Dept	High powered station Canal Zone: rect. be notified date of hearing in connection with specs. for. W. To Co. No formal hearing arranged. 4/10.
✓ 94573	4-9	Milliken Bros	As subcontractors for towers: rect. postponement of opening bids. W. To---Opening deferred until May 3d. 4/10.
✓ 94589	3-25	Colon	Porto Bello; fws bill for elec current. W Fwd S&A. appd. 4/11.
✓ 94504	4/10	To Federal Telegraph Co.	Opening of bids for high power station in Canal Zone deferred until May 3d. W.

COLON: RADIO

1913

Number.	Date.	From or To--	Subject.
88649	1-21	Federal Tel. Co	High powered Station Isthmus: submits specns. containing proposition for installing 100 kw set with approx cost. W. (T) to Adm. Cone. Advising. 1/27. (T) to --- proposals satisfactory. 1/27/ To --- confirms telegram. 1/28.
88664	1-15	Colon	Fwds bill for elec. light, etc. W Fwd S&A appd. 1/28.
88672	1-27	Chief of Bureau T	Proposed Federal Co. proposition OK if approved by Asst. Chief & Hepburn. W.
88798	1-1	Colon	Description. W
88951	1/30	Federal Tel. Co. Makes appt. 22-23; 2-14	Requests signify preference of powerhouse plans. W (T) to Comdr Hepburn. Advising. 1/31. (T) to --- & letter to --- proposed type of power installation under consideration. 1/31 To --- submits plan of lower installtn. 2/6.
89082	1/21	WYOMING	Reports on radio condition in vicinity of Colon, Key West, and Guantanamo. W
89112	1/31	United Fruit Co.	Re erecting a commercial station at 891
89340	12-24	Colon	PORTO BELLO: reports on inspection. .
89341	1-21	Colon	List of supplies required from NY Yd. W Fwd NY. directs furnish. 2/4. B 2-15
89342	12-25	Colon	PORTO BELLO: fwds bills for labor. W. Fwd S&A appd. 2/4.

COLON: RADIO 808

Number.	Date.	From or To—	Subject.
89506	1-29	Colon	Fwds bills covering repairs to mast and path at Porto Bello. W. Fwd S&A 2/6. Colon 4/30. request return of bills. W Fwd S&A. rec'd bills be returned to Colon. 5/10
89825	1-29	Colon	Temporary station at Balboa; current available: can use stack of Balboa Power Co. for one year. W
90159	2-1	Colon	Reqt. additional furniture for yeoman. W Fwd NY via S&A recom. shipment 2-14 4P 8-21
90196	2/13	To NY	Articles required at station; directs reqn be prepared for. W
90716	2-18	Colon	Reqt. stationery. W Fwd NY. rec'd submit reqn for steel filing case, etc.; rec'd prepare allowance list of stationery, etc. for Balboa. 2/20 Fwd NY via S&A. allowance list for Balboa approved. 3/12. 4P 5-13
90892	2-10	Colon	Reqt. 1000 panama stamps. W. Fwd Supt. instructions 2/26
91104	2/27	Colon	Fwds bill for electric current. W Fwd S&A appd 2/26
91105	2/15	Colon	Fwds request for supplies. W Ret NY. recommendations appd. 3/22 4P 3-28
91310	2/27	Y&D 1948	High-powered station Canal Zone; method of requesting proposals for construction of towers, etc., which come under Y&D; requests that specs be so drawn that one bidder may secure contract for work under both Bureaus. W Fwd Dept. comment and rec. 3/1. Ret---3/8. 4P 8-17

COLON RADIO STATION.

1912

Number.	Date.	From or To—	Subject.	
93622	11-18	Colon	Fwds bill for armature shafts. W. Fwd S&A appd. 11/27.	
83623	11-18	Colon	Fwds bill for elec. current. W Fwd S&A appd. 11/27.	
83624	11-13	Colon	Fwds bill for pulleys etc. W. Fwd S&A appd. 11/27.	
83625	11-13	Colon	Fwds bill for supplies. W. Fwd S&A. 11/27.	
84099	11-26	Colon	Reqt. exchange of armatures and repairs to other apparatus; recommends be made by NY Canal commission charges excessive. W Fwd NY instructions. 12/4. R.B. 12-4 To---NY requested to purchase armatures; work to be done at NY: 12/10.	
84332	12/2	State Dept	Apparatus purchased from PANAMA Govt. no objection to amount due being paid to Con- sul General Panama at NY.	876
85731	12-14	Colon	Fwds bill for current, etc. for and Porto Bello. W Fwd S&A. appd. 12/23.	
85732	12-13	Colon	Submits estimate for installing apparatus in new station at East Balboa. W. To---proceed with erection 1/9	
85733	12-13	Colon	Fwds bill for repairs. W. Fwd S&A appd. 12/23.	

COLON: RADIO 808

1912

Number.	Date.	From or To—	Subject.
86639	12-18	Colon	Report of inspection. W
86679	12-14	Colon	Fwds report showing stations that can be hearing heard during daylight and chances of being able to work with M.I.S.W. Fwd Sup. Radio 1/8
			1913
86824	1-7	NY BELOW	Civil Engineer Carlson detailed for observation Panama Canal; can give services in connection with new radio station. W. Fwd May. recd orders 1/9 To Secy of War. Fwds copy of report on insap. of Wireless Imp. Co's radio set. 1/17. To Mr. Carlson. Instrn re high-pwr sta. 1/17
87626	1-2	Colon	Fwds list of supplies required. W. Fwd NY request preparation of material for Colon. 1/16. 2-4 NY prices. 2-4
86824		SEE ABOVE	To War Dept (Sec sig). C.A. Carlson ordered to Canal Zone; requests Canal Com. extend facilities: 1/18.
88152	1-9	Colon	Fwds bills for material and supplies. W. Fwd S&A. appd. 1/22.
88614	1-20 1-24	War Dept Dept	Have issued instructions to Isthmian Canal Com. to extend every facility to Civil Engr. Carlson. In selecting site for high power station. W.

1912

✓14

Number.	Date.	From or To—	Subject.
76699	8/15	Colon	Reports work requiring to be done at station. To - arrange with Com. for repairs - limit cost 5/28
✓ 77894	9-12	Colon CO T	Repairs to wireless mast \$2150. Time 90 days; rect. authority before proceeding. W Fwd Dept. rect appl. 9/12 RB and To-(T) auth 9/14
✓ 77895	9-12	Colon T C.O.	DES MOINES Rect. immediate shipment by mail of variometer and transmitter. W To - Des Moines N.Y. & S&A. rect shipment 9/12 (T) to DES MOINES. directs make temporary repairs. 10/24.
78442	9-9	Colon	Fwds list of stores required. W. Fwd N.Y. 9/23 RB 9-28
✓ 78568	9-14	Colon	& Porto Bello; fwds bills for elec. light and telephone service. W Fwd S&A appvd. 9-24
✓ 79097	9-17	Colon	Repairs to mast and rigging: explains large amount required. W
✓ 79401	9-26	Colon	Submits estimate and prints in connection with electing apparatus purchased from Panama at East Balboa. W To - instructions. 11/16.
79771	9-27	Colon	Fwds bill covering material supplied. W. Ref. S&A 10/9
79968	9-29	Colon	Fwds bill for repairs to dynamo armat re. W Fwd S&A - Fwd a. yd 10/11

COLON 808

Number.	Date.	From or To—	Subject.	
80185	10/14	To Nav.	True bearings of various points from center of Panama	
✓ 80296	10-7	Colon	Fwds reqt. for supplies. W Fwd S&A. reqst be shipped from NY. 10/18. RR 12-4	
80186	10/14	To	En. has made reqn covering apparatus purchased from Panama Government, material to be held at.	876
80687	10-11	Colon	Fwds bill for elec. current. W Fwd S&A appd. 10/22.	
80757	10-19	Navgn	Panama; gives true bearings of various points. W	
81167	10-18	Colon	Fwds bill for supplies. W. Fwd S&A. appd. 10/28.	
81646 1 8	10/26	Colon	Reports receipt of one 1-pg-76 receiving set from PANAMA govt.	876
83112	11-11	Colon	Fwds list of supplies requested from NY. W To NY. S&A. Recst shipment from NY. 11/21. RR 12-15 appd - lack of funds. 12/16.	
83595	11-14	Colon	Return of empty oil drums to Canal Com. W Fwd S&A. with rec. 11/30.	

COLON:

7912

Number.	Date.	From or To--	Subject.
✓ 70212	5-24	Colon	Fwds bill for manufacturing parts.W Fwd S&A. appd. 6/3.
✓ 71084	6-5	Colon	Reports on new type detector received from ~~National~~ ~~See~~ ~~Wireless~~ ~~Spac. Co W~~ Fwd NY. 6/14 RB 6-19
✓ 71871	6-13	Colon	& PORTO BELLO: bill for material and supplies.W Fwd S&A. appd. 6/24.
✓ 72235	6-17	Colon	& PORTO BELLO: fws bills for elec. current.W Fwd S&A. appd. 6/28.
72965	6-28	Colon	Fwds bill for repairs to apparatus. W Fwd S&A. appd. 7/10.
✓ 73520	7/3	Colon	& PORTO BELLO: Fwds report of inspection.W Fwd Nav. 7/17 RB 7-26
✓ 73670	7/9	Colon	Fwds bills for material supplied Colon and PORTO BELLO.W Fwd S&A 7-18
✓ 73915	7/11	Colon	& PORTO BELLO: fws bills for repairs. material, etc. Fwd S&A appd 7/22
74184	7/16	Colon	Reports on efficiency of new detectors.W

COLON: 808

Number.	Date.	From or To	Subject.	
74220	7/13	Colon	Fwds bill covering treatment of sick. S Fwd May. 7/26.	
73790	7-19	TO Colon	Log: rect. certain add. information. W	
74182	7/16	Colon	MESSAGE, reports communicating with ships across the isthmus.	892
74550	7/29	To Colon S	Leury, Seymour: requests mail addresses and statement as to present whereabouts. (W) Colon Gives address. 8/10. To Hon. W.A. Smith Gives information. 8/10.	
74978	7/24	Colon	Fwds bill covering services of machinists. W Ref S&A. appd. 8/5	
75000	8/5	Colon via Key West T	Have found necessary to order radio set being purchased in Panama, to Camp Elliott for inspection and test. W	
76320	8/9	Colon	Reports re-rating of field of 25-kw gen- erator. W Fwd NY. for estimates. 8/22. 9-11 Fwd NY Regt regn be made 9/11 To — will be furnished 9/11	
76336	8/14	Colon	Fwds bills for current. W Fwd S&A. appd. 8/22.	
76339	8/8	Colon	Makes report on radio set offered by the Govt. of Panama for sale. Recommends purchase and erection near Balboa.	876

COLON

1912

Number.	Date.	From or To—	Subject.	
66809	4/19	NY	Exciter motor, auto starter for, submits estimate for rewinding.	332--3
---	4/22	To G.H. Clark	USA requests reports of shipments be prepared covering all bills of lading not previously reported; and such be fwd monthly in future.	
67017	4-12	Colon	Fwds bill for supplies furnished Clark.W Fwd USA. appd. 4/27.	
67058	4-24	Colon T	Oil engine arrived; installing; completing detail work.	
J 67118	4/23	Dept. 12479-407-11	Dept. of State fwds copy of despatch from American Minister at Panama re erection of electric telegraph stations in Panama.W Ret---5/4.	
67153	4/15	Colon	Two bills for electric current, repairs, etc. Fwd USA. appd. 4/27.	
67318	4/14 4/20	G.H. Clark Colon	Reports on sites for erection of high-powered stations in Panama.W 1. to Colon. Best drawing showing exact location. 4/27.	
67314	4/6 4/18	G.H. Clark Colon	No decision reached by commission re voltage of War Department power plant.W	

COLON 808

Number.	Date.	From or To—	Subject.	
✓ 68032	5/6	Colon	All engines installed, calibration and adjustments practically completed. Clark leaves on 9th. ✓	800
68421	5/1	Colon	Request stationery supplies. W Fwd NY directs furnish items. 5/10. RB 5-20	
68365	5-6	Nor?	Engine and generator parts: asks to whom should be charged. W Fwd S&A. Should be invoiced to C.C., Marines Camp Elliott. 5/10. RB 5-18 Fwd S&A. Chargeable to "Eq. of Vessels". 5/20.	
68780	5-16	Colon	Fwds bill for manufacturing aeriels, etc. W Fwd S&A. appd. 5/15.	
69358	5-10	Colon	Fwds bill for elec/ current. W Fwd S&A 5-23	
69345	5-14	Colon	States Canal Commission agreed on strip 1000' long 500' wide on dumps of Balboa for radio station. W	
69363	5-11	Colon	Reqt. 15 Messenden insulation tubes. W Fwd NY for action. 5-23 RB 6-6	
69901	5-17	Colon	Reqt. shipment of refrigerator be expedited. W Fwd NY. 5/31. RB 6-6	
69902	5-16	Colon	Fwds bill for plumbing and so forth. W Fwd S&A. appd. 5/31.	

COLON: W.T. STATION.

1912

Number.	Date.	From or To—	Subject.	
64076	3/20	To Y&D	High-powered radio station in Canal Zone; requests plans and specifications be prepared for a 300-ft. self-supporting steel tower, and a 400-ft. similar tower. W	
64301	3-23	Colon W	Generator and relay key breaking down; large antennae made up. W	
64326	3-22	Horf W	Oil engine generator, shipped Mch. 8. W (W) to Colon. Advising. 3/23.	
64302	3/23	Colon	Clark states W.E.S Co. motor at wireless sta. is awaiting further use driving gear. 8827-3	
64605	3/26	To Pac. Flt.	Vessels in harbor of Panama can communicate with Colon radio station by use of long wave lengths. W	
64793	3-19	Colon	Bill for current. W Fwd S&A. appd. 4/1.	
64792	3-19	Colon	Bill for repairs, material, supplies. W Fwd S&A. appd. 4/1.	
65118	3-31	Colon R	Reports breaking halyards large antennae delay one week. W	
65164	3-24	Colon	Reports inability to send 157 word message of Sery State due to breaking down generator. W	

COLON: W.T.STA. 808

Number.	Date.	From or To—	Subject.	
✓ 65361	3-29 4-3	War Dept 12479-407-8	Isthmian Canal Commission; fwsd corres. maps, etc. re proposed site for high power station in Canal Zone. W	
65338	4/2	House Committee on Naval Affairs.	APPRO. for new long distance wireless sta- tions. asks if present station at Colon cannot be operated in conjunction with 4 new long distance stations to avoid erecting new one.	604
✓ 65513	3-27	Colon	Fwsd bill for work on mast. W Fwd S&A. fwsd appd bill. 4/6.	
✓ 65519	4/4	To Colon W	Berlin Convention ratified. Adjust Colon two sets for tunes A, F, J and higher at discretion. W	
✓ 65650	3-15 4-5	Nat. Elec. Sig. Co S&A	Fwsd bill for balance due on apparatus fur- nished. W Fwd NY for information as to delivery of key resistance and reactance coils. 5/22.	
✓ 65928	3-29	Colon	Fwsd bill for manufacturing articles for. W Fwd S&A. fwsd approved bills. 4/11.	
✓ 66284	4-13	Colon W	Satisfactory short wave length antennae developed; instruct permanently to-morrow. W	
✓ 66294	4-2	Colon	Fwsd bill for supplies furnished YORKTOWN. W Fwd S&A. 4/18.	

COLON: W.T. STATION

1912

Number.	Date.	From or To—	Subject.
61772	2-12	Colon	Fwds data on proposed w.t. station to be erected in repub. Panama in connection with interference with new high powered station. W
61812	2-13	Colon	Fwds bill for repairs. W Fwd S&A. appd. 2/24.
61835	2-14	Colon	Fwds bill for elec. current. W. Fwd S&A. appd. 2/24.
61914	2-23	Colon W	New Frijones site unsuitable on account being on private property and too low. W.
62305	2-29	Colon W	Asks date shipment antennae wire, gen. oil engine, from NY. W Fwd NY for the infor. desired. 2/29. RB 3-4 Fwd Norf. do. 3/26. R.E. (W) to --- Will be shipped this date: 3/6.
62334	2-16	Colon	Reqt. typewriter and refrigerator. W. to NY. Directs supply. --- to --- NY to furnish. 2/29.
62316	2-28	Colon	Fwds bill covering material & supplies. W Fwd S&A. appd. 3/1.
62657	3-5	Colon W	Erecting tapmast for receiving aerial. W
62860	3-4	Norf 1363-19 31	Reports M&W oil engine 6008, ready for shipment, originally intended for Diamond Shoals: Fwds b/B. W Fwd S&A. Requests expedite shipment. 3/11. RB 3-25 (W) to Norf. Reqt date shipment of to Colon. 3/20.

COLON: W.T.STATION 808

Number.	Date.	From or To—	Subject.
✓ 62900	2-27	Colon	to Porto Bello; fwsd bill for work on aerial w/ readers. W Fwd J&A. appd. 3/7.
✓ 62918	2-28	Colon	Bill for repairs to portable mast. W Fwd J&A. appd. 3/7.
✓ 62940	2-26	Colon	Fwsd report on selection of site for h.p. wireless station in Canal Zone. W (Radio on mast.)
✓ 63078	3-8	Key West T	Quotes wireless rect. generator for be sent without oil engine; can use with induction motor. W
✓ 63553	3-4	Colon	Report of inspection; also Porto Bello; Recommend transfer of operator C. Snowman. W To --- two ordinary type field radio sets being repaired. for use in Canal Zone. 3/16
63552	3-6	Colon	Re type field wireless sets required for testing sites, etc. W
63640 VOID	3-14	C R VOID	13976-A.7 Rect. sizes standard searchlights in connection with making covers for. VOID
✓ 63725	3-16	Colon W	Top mast erected; receiving antennae rec. installed; urgently need small generator. W
64010	3-8	Colon	VICKSBURG rect. data as to movements Mail steamers; will send out information each day at 11 O'clock. W

COLON: N.T.STATION.

1912

Number.	Date.	From or To—	Subject.
59713	1/27	To Washn, S&A	Shipment of two portable .T.masts to Colon.W
59830	1/20 1/27	Sands, A.B.Sons Co S&A	Reqt. information re size of mirrors for chifferniers etc. v Ret S&A considers mirrors without frames should be supplied. 1/30.
59961	1/29	NY	GEN. set: reports on examination of 7-1/2 HP induction motor returned by: for repairs. 882-3
60046	1/31	Colon Cable	Believes Panama country and Freuit Company going to erect 2 wireless stations; will interfere with proposed station: reqt. decision. W. Fwd Dept. notes telegram sent 1/31. 2/2. 2. R. 5 W. Matter covered by correspondence. 2/1.
60342	1-27	Colon	Fwds bill for material & supplies. W Fwd S&A. appd. 2/5.
60401	2/3	Colon T	Telefunken representative arrived and is looking over site. W
60523	2-6	Key West T	Quotes wireless from Colon: states HANNIBAL'S tele. taken detector insufficient; reqt. transfer of receiving set in possession of sub-inspector: re-inspecting Balboa site. W (to Colon. Transfer authorized. 2/7.
60711	1-31	Colon	Has only Western Union code and reqt. Navy. W Fwd Dept. 2/1. 2. 2. 2. 2.

COLON: 808

Number.	Date.	From or To--	Subject.
60712	2-1	Colon	Reports further re establishment of stations on Panama W
60761	2-8	Colon T	Reqt. Bureau confer with War Department as to decision re site for low power station; site depends on location of 6" battery. Pacific Coast side. W Rwd Dept. Quotes telegram. 2/9.
60735	2-8	Key West T	Quotes wireless from Colon stating high power station site unavailable on account mistakes in reading map; recommends another site. W (W) to Colon. San Pablo site appears favorable. 2/13.
60900	2/10	To S&A.	Marconi standard inductance; request shipment from Colon to Washn. W
61274	2-15	Key West T	Quotes cable from Colon stating high power station finally located; letter follows. W.
61280	2-15	Key West T	From Colon reqt. 3000' phosphor bronze wire. W. To NY. & S&A. Reqt shipment 3,000 ft from NY to Colon. 2/15.
61490	2-18	Key West T	Wireless from Colon reqt. shipment of generator from small set in advance of oil engines. W (W) to Norf. Reqt date oil engines and generators were shipped. 2/19. (W) to Colon. shipment delayed. 2/20
61640	2-19	Norf W	Oil engines, wireless generators, originally intended for light ships not yet shipped; one engine not in working order. W To --- latter engine proposed for Diamond Shoals light vessels; reqt prints. 2/20. Rwd S&A. Reqt shipment. 2/20.

COLON: W.T. STATION

Number.	Date.	From or To--	Subject.
57519	1/3	Colon W	Recd. shipment of porcelain tubes, 6 compressed air condensers here. W To S&A. Shipment; reast destination be changed from Colon to NY J.T. sta. (T) to NY. Asks if shipment has been made. 1/3.
57517	1/3	Colon : W	Reqt. print of long pipe spreader. W To---Print forwarded. 1/3.
57440	12/21	Colon	Fwds bills for repairs to and PORTO BELLO. Fwd S&A. appd. 1/2
57573	1/3	NY T	Will ship six porcelain tubes compressed air condenser Colon steamer 9th inst. W To---Directs ship 12. 1/6. (T) to Colon advising. 1/6.
58129	1/8	Massie W.T.Co	Asks if any truth that Marconi has contract for large station at Canal Zone, W To---Bu. has no information. 1/11.
58321	1/10	To Colon W	Bu. auth. expenditures for tests needed to prepare estimates for high power station on site recommended. Directs Clerk make tests. W
58690	1/5	Colon	& Porto Bello; fwds bill for repairs. W S&A appd. 1/16.
58689	1/4	Colon	Reports of in section, also Porto Bello. W To---Recn made for two new 1/8 detectors for; requests report after trial. 1/16.
58907	1/18	Key West T	Quotes wireless from Colon stating Pacific site selected; final decision in Judges hands; spreaders being made. W (W)---Requests repeat section of telegram. 1/18.

COLON: W. T. STATION, 808

Number.	Date.	From or To--	Subject.
✓ 58590	1/18	Colon W	Motor generator small set not arrived; not on shipping memo. W
✓ 59283	1/11	Colon	Fwds result or report from G.H. Clark on test of location for high powered station. W (W) to---Can furnish two ordinary type field wireless. If desired. 1/26.
✓ 59005	1/19	Colon W	Motor generator, small set, not arrived. W (W) to---Shipment requested Dec. 19th. 1/22.
59387	1/23	Telefunken Co	MESSAGES: reat COLON AND GUANTANAMO stations turn over commercial messages to C & S A Tel. Co 892
✓ 59561	1/25	Key West T	Quotes wireless from Colon stating condensers assembled, and small set being installed; awaiting material. W
✓ 59576	1/12	Colon	Fwds bill for elec. current. W Fwd S&A. appd. 1/29.
✓ 59575	1/15	Colon	F ds bill for repairs. W Fwd S&A. appd. 1/29.
✓ 59732	1/27	Colon T	Rush large size insulators. To---NY, S&A. Recst shipment. 1/29.
✓ 59757	1/17	Colon	& Porto Bello; fwds bill for repairs to and supplies. W. Fwd S&A. appd. 1/29.
59796	1/28	Colon W	Reqt. shipment of portable mast, etc. Field wireless when available. W

COLON W.T. STATION

Number.	Date.	From or To—	Subject.
✓ 53760	11/7	Colon	*wds bill for quartermaster supplies. W Fwd S&A-Appd.11/21.
✓ 54218	11/22	Colon T	Request permission to ship one motor to General Electric to be re-wound. W Fwd S&A-Rect shipment be auth. by wire to Key West, then to Colon by wireless. 11/24.
✓ 54306	11/11	Colon	& PORTO BELLO: forwards bills for light, current and telephone service. W Fwd S&A-Appd.11/27.
54436	11/15	Colon	Fwds bill for repairs to station. W Fwd S&A-Appd.11/27.
54945	11/20	Colon	Fwds bill for repairs to pressure gauges. W Fwd S&A-Appd.11/27.
55534	11/27	Colon	Submits request for supplies---furniture, mess gear, tools, etc. W Fwd NY-Appd.12/11. S&A-12/28. To---Gives items that will be shipped from NY as soon as mtd. 12/30.
✓ 55581	11/29	Colon	Fwds bill covering supplies. W Fwd S&A-Appd.12/12.
✓ 56073	12/14	To Y&D	High-Power station, Canal Zone; rect that outline plans for towers and buildings be prepared for use in selecting site. W
56155	12/2	Colon	GEN 3000: exciter motor burnt out badly; shipped to New York for shipment to GE for repairs. States was installed without starting device. rect new automatic starter. 882--3

COLON W.T.STATION. 808

Number.	Date.	From or To—	Subject.	
56523	12/12	Colon	Fwds bill for supplies.W Fwd S&A-Appd.12/20.	
56524	12/8	Colon	Requests for cook stove.W Fwd NY-Ln conn.46586-808. Aug.8; new stove auth.12/26.B.1-8	
56546	12/13	Colon	Messagers. re long distance wireless message states longest sending wave length for which transmitter can be adjusted in 3,000 meters	892
✓ 56507	12/19	To Colon To NY (T)	States G.H.Clark ordered to. for duty in conn. sites in Canal Zone and adjustment of station apparatus and installation of 2-k.w. quenched gap set, and rect facilitate work.W Deliver to Sub-Insp Clark one calibrated variable condenser and one pair standard wireless head phones; invoice to Colon. W	
✓ 26990	12/26	To S&A	Compressed air condenser; rect shipment from MISSISSIPPI, Phila Yd. to Colon. W	
57154	12/15	Colon	Fwds bill for electric current.W Fwd S&A. appd.12/29.	
57153	12/16	Colon	Fwds bills for supplies and repairs.W Fwd S&A appd.12/29 Rect. cancelled Jan 1/15 Fwd S&A.for cancellation.1/29.	
52295		SEE CARD C	Center tables; To NY gives dimensions desired.12/29.	
54854	12/19	To S&A	Rect shipment from NY to Colon of one send- ing set, and from Port. to Colon of two 6-HR gasoline engines with 500-cycle gen- erators.	876

COLON WIRELESS STATION.

Number.	Date.	From or To	Subject.
✓ 47537	8/22	Colon	Fwds bill for supplies.W Ref. S&A recd. 8/23. 9/1
✓ 48007	8/28	Colon	Fwds bill for elec. current.W. Ref. S&A approved 8/28
✓ 48008	8/25	Colon	Fwds bill for supplies.W Ref. S&A approved 8/29
48013	8/28	Colon	Quarterly report.W.
✓ 48016	8/30	Colon	Recommends new building be erected. To - new station under consideration 9/12
✓ 48018	8/28	Colon	Invites attention to failure of Nat.Elec. Signalling Company to replace defective choke coil and provide adequate shunt resistance for solenoid key. W Ref. S&A for record. 8/28
✓ 48413	9/1	Colon	Reqt. return of inventories of public property for and Porto Bello. W TO -- Returns. 9/13
✓ 48408	9/1	Colon	Fwds bills for repairs. W Fwd S&A appd. 9/13
✓ 49384	9/14	Colon	Bill for fuel. W Ref. S&A approved 9/27
✓ 49385	9/12	Colon	Fwds bill for elec.current; also PORTO BELLO. W Fwd. S&A approved 9/27

COLON W.T.STA. 808

Number.	Date.	From or To—	Subject.	
✓ 49965	9/20	Colon	Fwds bill for repairs to typewriter. W Fwd S&A—Appd. 10/3.	
✓ 50322	9/27	Colon	Fwds bill for repairs. W. Fwd S&A—Appd. 10/6.	
✓ 51767	10/13	Colon	& Porto Bello: bills for supplies and elec. current. W Fwd S&A. appd. 10/26.	
✓ 52218	10/19	Colon	Bill for repairs. W Fwd S&A. Appd. 11/4.	
✓ 52294	10/23	Colon	Fwds bill for supplies. W Fwd S&A appd. 11/4.	
✓ 52295	10/23	Colon SEE CARD 7	Fwds reqt. for office furniture, etc. W Fwd NY for rec. 11/1. R.B. 1. 2. To—States are taking steps to furnish. 11/24. 12/1 States for what tables are required. W Reqd. payment of bill for carbon brushes. W To—Fwd S&A. 11/3.	Card 7
✓ 52393	10/30	GE Co.		
52842	10/27	Colon	Bill for supplies. W Fwd S&A. Appd. 11/10.	
✓ 53149	11/10	Colon W	Recn of Oct. 23 for porcelain condenser tubes for National Elec. Signal Co. 25 KW condensers: request shipment as soon as practicable. W Reqd. leads be equipped with tubes. 11/11. W Fwd NY. Reqd. probable date of shipment. 11/16. R.B. 2-29	
53354	11/10	NY	Site: distance between station and SAN JUAN. apparent error in:	899

COLON: W.T. STATION

Number.	Date.	From or To—	Subject.
✓ 40991	6/5	Colon	Fwds bills for, and Porto Bello stations Isthmian Canal Com.. W Fwd S&A. approved. 6/13.
42107	6/14	Colon	Fwds bill of Isthmian Canal Commission for electric current. W Fwd S&A. apprd. 6/27.
42615	5/19	Colon	4 Porto Bello Station: fwds bills of Isthmian Canal Com. covering repairs to. W Fwd S&A. appd. 7/3.
✓ 42834	6/22	GE Co	Reqt. shippin. directions for brushes for generator. W To GE Co. Furnishes shipping address. 7/6.
36031		See card #3	(") to Rev West. Directs inform Colon that Corcolain condenser tubes leave NY 7th. 7/3
42917	6/27	Colon	Fwds reqt. for stores. W Fwd S&A. approved: sample contacts mailed und r s.c. 7/10. RE 7 L Ret -- 7/17. BB 8-7
44016	6/30	Colon	Fwds inventory of property. W
44005	7/13	Colon	Fwds bill for supplies. W Fwd S&A. appd. 7/21.
45242	7/26	Colon	fwds list of store required, tools, etc. and print of pulley. W To States letter, inadvertently filed. Fwd NY approved this day. 12/27. Fwd NY. Appd. 12/27. BR 1-8 To--- ill be supplied. 1/6.
471			

COLON: W.T. STATION. 808.

Number.	Date.	From or To—	Subject.
44484	7/15	Colon	Fwds bills of Isthmian Canal Com. & Porto Bello. W Fwd S&A appd. 7/28.
45500	7/26	Colon	Fwds bill for generator brush, GE Co. W. Ref S&A. For action. 8/9.
45558	7/26	Colon	Fwds recd. for spare parts for cook stove; W S&A. Appd. 8/1. R.S. 8/31 Comm. will furnish item 11; other items will be purchased and forwarded. 8/23.
45856	8/1	Colon	Fwds bill of Isthmian Canal Com. W Fwd S&A. Rec payment. 8/11.
46678	8/8	Colon	Reqt. hot wire ammeter in connection with calling wave length. W
46677	8/8	Colon	Reports impossible to comply with wave length order with a variation at station. To use of present wave length auth. 8/25.
46676	8/8	Colon	Fwds bill for supplies and elec. current for and Porto Bello. W Fwd S&A. Recd settlement. 8/22.
46906	8/22	To Colon	MESSAGES: reqt weather Bureau confirmations b sent direct to them
47139	8/12	Colon	Bills for elec. current. W Fwd S&A. Recd settlement. 8/25.
47133	8/16	Colon	Fwds bill for repairs. W Fwd S&A. Rec settlement. 8/25.

892

COLON W.T. STATION.

FILE No.	From or To— (Dated)	Subject.	
36873 4/21	GE Co	Reports duplication of order for coils; on account of making no reference to telegraphic order on reqn. Ref NY for information, 5/3. BB-5-10 To 37A. Recn being submitted for 12 coils. 5/10. To 37A. Recn shipment. 5/10 Fwd 37A 5/16. Fwds bill of Isthmian Canal Com. for labor etc. W Fwd SIA Rec settlement. 4/27.	
37173 r/13	Colon		
37252 4/26	NY	& KEY WEST: recommends no action be taken towards duplicating quenched spark gaps in connection with bid of Nat. Sig. Co.	817
38462 5/2	Colon	Fwds bill of Isthmian Canal Com. for supplies. W Fwd SIA Rec settlement. 5/12.	
38463 4/27	Colon	Fwds bill of Isthmian Canal Com. for supplies. W Fwd SIA Rec settlement. 5/12.	
39051 5/10	Colon	Fwds bill of Isthmian Canal Com. for current. W Fwd 37A. Rec settlement. 5/20.	
39552 5/15	Colon	Fwds bill from Isthmian Canal Com. for repairs and material. W Fwd 37A. Rec settlement. 5/25.	
39540 5/17	Colon	Fwds bill of Isthmian Canal Com. for supplies. W Fwd 37A. Rec settlement. 5/25.	
40059 5/19	Colon	Reqd. brushes for generators, and exciters. W To -- Fwds copy reqn ltr. 6/1.	
40161 5/31	GE Co	Status not received reqn. covering stata coils. W Fwd 37A. 6/3. BB-8 17	

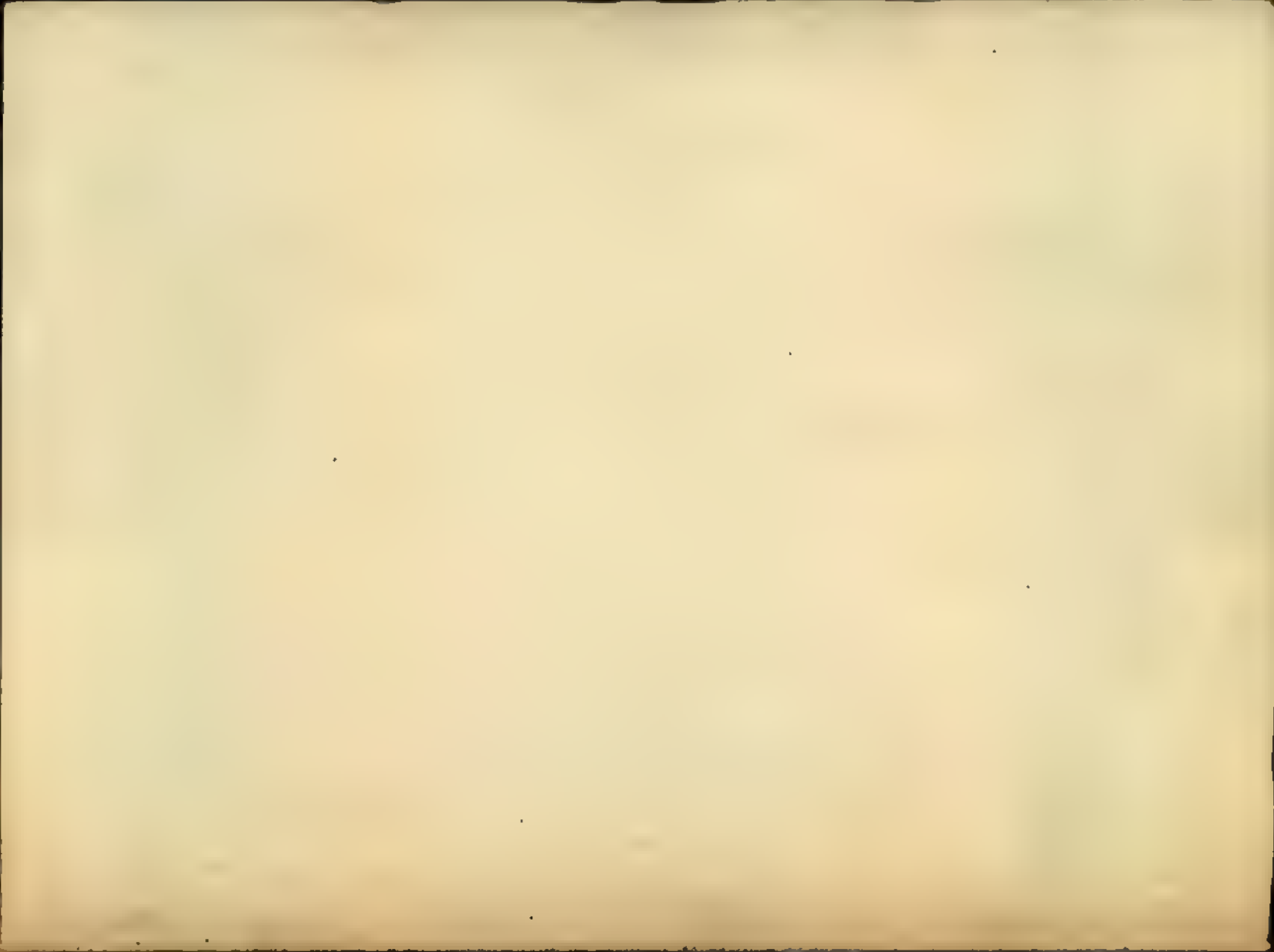


FILE No.	From or To— (Dated)	Subject.
34489 3/15	Colon	& Porto Bello: fwsd bills for supplies. W. Fwd S&A Rec payment 3/24.
✓ 34915 3/29	TO Colon	Long wave tests with Key West: reqt report on amount of inductance and capacity of both circuits during. W
✓ 35042 3/20	Colon	Gives radiation necessary for working with Porto Bello. W
36032 4/5	Colon	Reqt. 2 HP. DC. starting boxes be forwarded; Reqt. action on survey ended Feb. 10. Fwd NY Reqt further information. 4/20. RB 5-5 Fwd NY. Directs starting panel be put in good condition and shipped to Colon. 4/6. RB 5-16
36031 4/5	Colon	Reqt. porcelain condenser tubes and insula- tors be shipped. W Fwd NY Directs items be obtained and ship- ped as early as practicable. 4/21. RB 4-27 See Card 5 ✓ (T) Reqt shipment of. expedited. 6/24.
36317 4/5	Colon	Fwd NY. 4/27. RB 4-5 fwsd bill from Isthmian Canal Commission covering lime. W Fwd S&A rec settlement. 4/20.
✓ 36420 4/17	NY	Relative to armatures for. W Fwd Colon. Reqt information re armatures and field coils. 4/19. RB 5-12
✓ 36522 4/10	Colon	Quarterly report inspection of, and Porto Bello. W To -- Auth. contrsn of bath-house. 4/27.
36027 4/12	Nat E. Signaling Co.	& KEY WEST: quotes prices on spare generators. 817



COLON: W:T: STATION

FILE No.	From or To— (Dated)	Subject
✓ 31144 2/8	TO Colon	Directs arr. be made for transmitting time signals. W
✓ 31801 2/16	Colon	Reports radiation of antennae meter. W To regst same information re Porto 38170 2/23.
✓ 31810 2/16	GE Co	Fwds bill covering 12 stator coils. W Fwd S&A. connection with recn. 179 2/17.
✓ 32200 2/13	Colon	Fwds bill from the Isthmian Canal Commission covering labor and material. W Fwd S&A Rec. usual paymt 2/23.
✓ 32201 2/10	Colon	Fwds bill from the Isthmian Canal Commission covering current for January. W Fwd S&A Rec. usual paymt 2/23.
✓ 33143 2/21	Colon	Fwds bill from Isthmian Canal Com. for rewinding one motor. W Fwd S&A. Rec. payment 3/8.
✓ 33712 3/4	Colon	Fwds bill of Isthmian Canal Commission for supplies. W Fwd S&A Rec. settlement 3/14.
✓ 34136 3/10	Colon	Fwds bill for elec. current, telephone, for Colon and Porto Bello. Fwd S&A rec payment 3/21.
34504 3/14	Colon	fwrds bill from Isthmian Canal Com. for supplies. W Fwd S&A rec payment. 3/24.



COLON W.T. STATION.

FILE No.	From or To— (Dated)	Subject.	
28134 1/3	To Western Tel. Union	Unreliability of noon time signals; reports on	
28188 12/24	Colon	AND Porto Bello reports inspection of	
✓ 28187 12/25	Colon	Forwards bill from Isthmian Canal Com. for repairs to aerial Ref. S&A 1/5	
28186 12/24	Colon	Porto Bello and - reqs. thermometer	831
✓ 28643 1/3	Colon	No definite value to be spent in using with meter of 25 kw wireless set To -- Calibration of antenna meter 1/17.	
✓ 28644 12/30	Colon	Fwds bill from Isthmian Canal Commission for carbon brush Fwd S&A Rec settlement 1/10.	
✓ 29673 1/10	Colon	Submits bill for elec. current furnished by Canal Commission. Fwd S&A rec settlement. 1/23.	
✓ 30284 1/23	Colon	Fwds reqt. for supplies and tools. W. Fwd N.Y. apprd. to be fur. from N.Y. 2/2. R.B. 2/14. Fwd Colon 3/14. R.B. 3/14	
30624 1/31	Nat. Elec. Sig. Co.	By West 2: relative to quotation on 2 25KW 500 cycle generators for spares: Suggests ave rotary spark gap supplied	817
✓ 30998 1/19	Colon	Reqd. return of armatures and field coils shipped to NY for repairs. W. Fwd N.Y. for comment 2/9. R.B. 2/18 Ret -- 2/23. To NY reqst. copy of 4th en- dorsement of Feb 10th. 4/15. Ret -- 4/15	BB 5-12



1922

←3881

Number.	Date.	From or To--	Subject.
628763	6/17	F I Y&D	Copy of letter to NY directing secure subh from S&A to issue local requisitions for work W
		1922	
640537	9/6	N.Y.	Request reconsideration in conn with painting water tank and towers To NY- Requests inform re items 9/12 N.Y. 9/15 W To NY- gives inform 10/7
64623	10/27 10/30	N.Y. Y&D	Request addtl funds covering repairs. Rwds Y&S & Wicks- cc Dir Commns 11/3
648397	11/4	Y&D	Copy of letter to N.Y. directing all bids covering repairs be rejected and new requisition prepared.

Number.	Date.	From or To--	Subject.
521225	10/8	To CAA	1st sheet of wave meter from Washn to Fire Island. RB 5/7/21. W.
528842	11/16	To N.Y.	Non receipt of inspection report. W.
563822	5/13	N.Y.	Subm outline of radio work, fiscal year 1922. W.
580055	6/16	Y&D	Copy of letter to N.Y. stating approved credit cards will be fwded in conn with constrn of boat dock. RW.
5727.4	6/30	3d Dist.	Recommends Fire Island Station be placed out of commission. W.
OVER	7/1	Communications	Fwd NY 7/5 RB 8/20 W.
577151	8/23	N.Y. - Fwds copy of endorsement 8/18 Fwd NY 10/1cc Comm 3 Dist Fwd NY 10/12 W	To NY 8/16 Fwd. Secty 8/24 RB 8/29 fwd Y&D 7/23 C
577187	7/25	3d Dist.	Was corrected pages for description of radio instrn.

FIRE ISLAND RADIO STATION

1921

Number.	Date.	From or To—	Subject.
572714	1	FROM OVER	Communications-- Subm recommendations Fwd NY 11/10 3B 12/17/21 Fwd Communications 26 NY 12/23
612874	3/8	N.Y.	Request auth shipt of 14' wherry in stock at N.Y. to Fire Island radio station. W. Request favorable action on request for wherry. 6/28 Fwd C&R 8/3 Ye
615858	3/28	N.Y.	Repairs required on cable lines between Long Beach and Fire Island station- W. Submits recommendation for 4/11 print. To Coast Guard- Gives instrs 4/11 To NY- Repairs to cables 4/11 Request made- To post allotment be made for re-issuing cable. 5/1 To post 100 be made available for To NY- allotment made 5/2 To Hon Sec of Treasury (Actg sec of Navy) when work is completed transfer of funds will be authd 5/15 NY- Request allotment of \$400 7/7 WK To NY- Allotment made 11/12 9/19 KY To NY via 0/23- 3rd Dist.- reqsts recomms 12/8/22

FIRE ISLAND RADIO STATION.

Number.	Date.	From or To--	Subject.	
460252	11-24 11-26	3d Dist Communications	radio and radio compass stations at Fire Isl. Quarterly inspection reports. and Com 12/2	W
460628	11/29	Annapolis Copy	Norfolk transmitter on Station Frame, broken when received.	W.
463212	12/12	Communications	Request 3d Dist be furnished with cable for connecting radio station and Compass Station at Fire Island with leased telephone wire on main land. To - No cable available at Boston. 12-13	
465240	12/23	New York	Quarterly inspection report.	W.
471558	1/23	C&R	Copy letter to N.Y. in comm with 30' mbl for Fire Is radio sta; Y	611-2
475765	2/13	To IM NY	Outline of work for fiscal year 1920. W NY - outline radio work fiscal year 1921-3/2 N.Y. - Recommends authorized work. 4/8. W.	

FIRE ISLAND RADIO STA.

1920

Number.	Date.	From or To--	Subject.	
480325	3/9	To Comm	Reqst for seven miles of two pair cable to connect Fire Island Radio Sta with main land. Reqst recd covering W RB 6/11 W	
485365	4/2	NY	Quarterly inspection report	W.
485770	4/5	N.Y.	Quarterly inspection report	W.
490566	4/27 4/28	3d Dist Communications	Quarterly inspection re. ort and Com 5/4	W.
501557	6/25	N.Y.	Quarterly inspection report	W.
501850	6-22	To N.Y.	Fire Island control lines to radio comm ass station Sandy Hook. W	

FIRE ISLAND RADIO STATION:

Number.	Date.	From or To—	Subject.	
~~412306~~	4:25	To New Orleans	Reas in con with quarterly inspec New Orleans radio station.	W
418461	5/14	C&R	Copy letter to Fire Island directing prepare 30' motor sailing launch for shipment to New York Y.	611-2
✓ 424924	6:11	NY	Sub quarterly inspec report Fire Isl Station.	W
✓ 432937	7:15	NY	Quarterly inspection report Fire Isl Compass Station. W Gross to 919-1	
443801	9/4	Y&D	Fire Island barracks for Marine Guard - fwds print showing water supply; first allotment of \$12,000 to cover. W. fwd Y&D 9/6 Y&D 2/10 To Y&D- allotment of 727.55 2/13	
✓ 451306	10:9 10:13	5th Dist Com	Quarterly inspection report. W fwd DNO 10/15	

1918

Number.	Date.	From or To—	Subject.	
445746	9-15	New York	Fire Island- Reqst ammunition for Springfield rifles. Fwd Ord 9/18	W
447527	9:23	NY	Fwds quarterly inspec report of Fire-Island station. To NY- authorizes expenditure 9/29 To NY- recs in conn with inspec report 10/1 NY 10:9 To IM NY will issue instruc later re disp of mtrl 10/9 NY 10:20	
448635	9:29 10:1	3rd Dist Com	Quarterly inspec report of Fire Isl. fwd Comm 10/2	
448850	10-2	PCCS (copy)	Sta out of commission due to coils of arc motor being burned out.	W
453978	10:24	NY	Reqst auth to supply furniture and house equip listed to station. To IM NY- cannot appva all of furn reqstd- wind shades cost 163.00 appvd. 10/28	W

1918

FIRE ISLAND RADIO STATIONS

Number.	Date.	From or To—	Subject.	
381055	12-31	To S&A	Repts shipment from Boat to NY for Fire Is 5-hp gasoline engine driven generator Shipment order- 1;21 received back 1;27	L
401393	3;10	New York	Fwd's calibration curve cov instal of	
406579	3;28	Y&D	Radio compass at Fire Isl station, date of completion 11;25;18	W
409196	4;25 4;7 4;17	3rd Dist New York C&A-Copy of endorsement to S&A recs anchor be furnished to NY-Y S&A-Copy of ship ord cov compass and anchor from NY to 3rd dist. 4;28	Sub quarterly inspec report with prints of Fire Isl Radio Station. To NY- approval of change in antenna cost 30.00 W 4-12 To CER- recst compass and anchor be furn on same contr which covers motor boat	W 4-12
411344	4;14	Y&D	Barracks for machine grids at Fire Isl. date of completion June 2	

FIRE ISLAND: RADIO

Number.	Date.	From or To -	Subject.
339509	8/21	To SEA	Repts. ship. of radio material from to Fire Island for Const. Station To Dept 9:23 received back 9:27 Shp order to 1-21 r b 2-7
344765	9:1	NY	Fwds req of Fire Isl for overhauling rigging of two wooden masts at station. W To Authorizes amt. for improvements. 9/7
347356	9/13	To SEA	Repts. ship. of radio apparatus from Wash. to Fire Island for Const. St. W To Fire Island Asks they acknowledge receipt of above 10-35 Fire Island 10:31 Shp order 10:17 received back.
350896	9:4 10:19	3rd Dist Com	Quarterly inspec of C I radio station fnd funds as authorized by Secnav for constn barracks am'ts. constn barracks and effecting other improvements mentioned 10-16 Is radio barracks apprd. barracks have been allotted
352936	10/23	Adm. Secnav	Adm. Secnav 10-1 To 3rd Dist (T) Ref let 930th-Orig F Is radio barracks plans approved. budocks has been allotted funds as authorized for constn barracks and effecting other improvements mentioned 10-16 W
357076	10/5	Third Dist.	Comm. Oct. 9 Fwds quarterly on Fire Island Station W

FIRE ISLAND: RADIO

Number.	Date.	From or To—	Subject.
✓ 354576	10;1	NY	Req Fire Island station be equipped with chest. W D 10/5.
362841	10;24 10;26	3rd Dist Com	Sub req for radio apparatus for Fire Isl station. To 3rd Dist- Com Staff- District 1st to 3rd Dist- Com Staff- District 1st W 10/24 to 10/26- 1st Dist- Com Staff- District 1st
~~362841~~	10;27	To Montauk Bay CID	In addition allotment to cover expenses of the Montauk Bay station 10/26-10/27
37079	10;27 11;19	Fire Island New York	Sub req station sup. W To NY re allotment for yearly supplies at Fire Island. 11-22
✓ 37157c	11;19	3rd Dist	Radio com app station Fire Island report of calibration of.

1918

FIRE ISLAND RADIO

Number.	Date.	From or To--	Subject.
308967	4:19 5:20	Ensign W. R. Smith Naval Communication	Fyds report of Insp'r of Fire Is. radio station. "
30994	4:19 5:23	Ensign W R Smith New York	Sub. report of inspection of Fire Island station. W
311186	5/28	Y&D	Request allotment of \$1250 be authorized covering constrn of landing wharf - " Fwd 5/28/18 Received back 6:13 Fwd. Y&D 6/25
31131	5-28	Y&D	Request allotment of \$1250 be authorized covering constrn of landing wharf - " Fwd 5/28/18 Received back 6:13 Fwd. Y&D 6/25
316769	4-4 6-1	Fire Island NY	Request proper instructions covering anti-aircraft salvo outfit. "

4-3361

FIRE ISLAND: RADIO

Number.	Date.	From or To—	Subject.	
225314	4/30	To S&A	Reqd shipt of on trans set from NY to. W To NY—Reqd ests covering install. 4/30 NY est 5/11	
227233	5-7	NY	To NY approves estimate 5/15 Recommendations for Fire Island and N. Y. 823	
✓ 230614	5/21 5/25	NY Y&D	Annual inspection. W	
✓ 232556	6-7	Dist. Supt	Fwds description of telefunken directional transmitter and primarily located at Fire Island. W	
✓ 235098	5/24 6/13	Dist Supt NY	Recommendations for alterations and repairs. W To—Auth repairs. 6/26	
✓ 24 0572	7/25	NY	Request blueprints in connection with test of Kolster direction finder. W To Fire Island—7/31	
243510	8/13	To NY	Ask power available at Sayville and Fire Island. Propose to install 60" anti-air- craft searchlights.	708
✓ 245791	8/27	To NY	Appvs inc in repairs from \$300 to \$515.00. W	

FIRE ISLAND RADIO STATION. 812

Number.	Date.	From or To—	Subject.
250563	9/4 9/14	Fire Island NY	Request medical supplies. W Fwd M&S—9/25
269916			Y&D 1-12
284077	2-12	NY	Fire Island - forwards inspection report. W
284044	2/20	NY	Fire Island inspection report-fwds.
283977	2/28	To NY	Fire Island Station reported out of commission. Get information in connection with... W Fire Island out of commission... W Broken governor shaft of oil engine... W Requesting that P. R. Fortin, of GE Co be allowed to visit station. W.
285124	2-28	NY	876.
288919	3/18 3/12 5/7	Fire Island NY R B	Request spare bar unit. W Fwd NY—3/21 Fwd NY 5-9 Received back 5:16
308607	5-15	Naval Communications	Fwds report of inspection of Fire Island Radio station by Ensign W R S. H. W Request action - 5/1.

FIRE ISLAND: RADIO

Number.	Date.	From or To—	Subject.
✓ 209611	12-22	NY	Submits list of spares required for engines; Yard considers excessive. To—C. Murs. 12/28 2-6 Fwd NY—For act. 1/21 NB 3-9 NY estimates were forwarded March 9th 3/10 To—Auth issue of spare parts to Fire Island. 3/12
✓ 209939	12-24	Dist Radio Supt	Fwds copy of proposed notice to be published in Hydro Bulletin. re commission of radio direction station. To Navy—rec bulletin be published in next Hydrographic Bulletin. 1/2
210257	12-24	Supt	Commissioning of; proposed test of direction finder equipment. Dist Supt reports on test 12/24 To Navy—Ask for reports of mariners re value of station to navigators. 1/6
211756	1-15	NY	Request be supplied with head phones, fire extinguishers, standard detector. W
213259	2/3	✓ To Secy Commerce [RecSig]	Fwds copy of Hydrographic Bulletin No 1429 dated 1/20. Contains information re operation of direction finding station at Fire Island. and radio distance determining apparatus on Fire Island Light Vessel. W

FIRE ISLAND: RADIO. 812

Number.	Date.	From or To--	Subject.
✓ 215672	1-10	Hydro Bulletin	Contains notice Fire Island and Fire Island Light Vessel fog signal .W
✓ 216229	2-28	NY	Request authority to borrow Marine cots and bedding for laborers employed at .W. To--(T)A. pws. 3/1
✓ 218511	3/17	To Sub Sig Co	Would be pleased to discuss combined sub bell and radio distance determining apparatus install at Fire Island Light Vessel 368 at any time. To Sec Commerce--(Sec Sig) Gives action taken. 3/17 Sub Sig Co makes appointment for April 1st 3/20
✓ 222039	4-9	NY	Fire Island light ship; submits report on .D To Sec Com--(Sec Sig) Gives report. 4/10 To--Instrns. 4/27
✓ 222387	4-11	NY	Submits report on construction and test of self recording distant determining apparatus .W
✓ 223231	4/2	Fire Island	West mast estimate for repairs. W To NY--Auth 500 dollars. 1/30
225139	4/26	Director Communications	Request half kw set be replaced with a 2 kw set

PIRE ISLAND: RADIO

1916

Number.	Date.	From or To—	Subject.
199810	7-28	Supt Radio	Quarterly inspection (Copy) W
200006	9-21 9-22	NY Dept	Request authority to place contract for man and horse for digging wire trenches. W Fwd Dept via Y&D-- Rec appvl. 9/22
200081	9-22	NY	Kolster radiometer; request authority to alter monitor on building to per mit installation. W To--Pu has assigned Kolster to for installation in Telefunken compass house monitor. 9/25
200252	9-25	To NY.	Submit reqn for furniture for chief operator's quarters. W
200725	9-30	NY	Reqt authority to obtain cots for Marine Corps. W To Bost--(1) Auth issue of cots for. 9/30 To Bost--Disregard despatch Sept. 30, sent in error. 10/3 To NY--(1) Auth issue of cots for. 10/3
201221	9-30	At Coast Supt	Inspection report. W Fwd Bd I&S--10/7 Fwd Aid for Mat--10/7
201614	10-7	NY	Estimate for repairs to storm windows, dorrs. W To NY--Est auth. 10/12

FIRE ISLAND: RADIO. 812

Number.	Date.	From or To—	Subject.
201299	10-7	NY	Misc repairs. W To—NY Est auth. \$430. 10/14 NY \$450 correct amount 10/17
✓ 202282	10-12	NY	Status of work. W
✓ 202963	11/19	Y&D	Contract 2237; building for operators' quarters; extension of time.
204419	11-3	NY	Request be supplied with filter type ultra audio to use with Kolster direction finder. W To S&A—Reqd ship of ultra audio detector from Wash to Fire Island. 11/14 NY req permission to main station antenna transmitting transmitting purposes 11-20
206410	11-23	NY	Estimate for installing Kolster meter. W To—Appvs est. 12/19
206430	11-17	Washn Dist Supt	& Fire Island; reqt be fitted with anti-aircraft guns.
206827	11-22	NY	Revised estimate for switchboard, etc. W To—Appvs est. 1/4
207560	11-23	At Coast Supt	Report of inspection. W
✓ 208550	12-1 12-13	Fire Island Navgn	Submits list of books required. W To NY—Gives action on. 12/18

FIVE ISLAND: RADIO

Number.	Date.	From or To—	Subject.
190765	6-3	NY	Alterations and repairs recommended. W To—Gives action on. 6/17 RB. particular reference made of coal bin 7/5 NY plans and estimates 7-3 To—Disappvs new coal bin. 7/12
NY fwds sketch showing battery charging switchboard 7/24 To NY—Appvs repairs. 7/29	6-15	NY	Report of annual inspection. W r Fwd Y&D—Comments on 6/20 RB 6/23
191267	6-20	To Y&D.	Recommendations as to award contract for Chief Operator's Quarters. W
191500	6p22	Y&D	Chief operators quarters awarded to Hammes & Donnelly. W
✓ 191832	6-24	Dept Commerce	Agrees to have test continued by station and if it vessel OK, request statement of expenses. W Fwd NY—For comment and rec. 6/28 RB 7/8 To—(Secsig) fws plan of suggested radio station. Navy will bear expenses. 7/12 To NY—Fws copy above. 7/12
✓ 192417	7-3	Fire Island R	Commerce will bear expense construction. 8/2 Gen set bearing broken. W
193484	7/10	Y&D	Copy of contract with Hammes & Donnelly for chief operator's quarters. W
193901	7/6	NY	Submits plan and estimate for board walk and conduit for cables and combination. W To—Appvs, 7/21
194437	7/24	Y&D	Contract awarded to Hanly & Donnell for chief operators quarters. W

FIKE ISLAND RADIO STATION. 812

Number.	Date.	From or To—	Subject.
✓ 194473	7/20	NY	Board walk and trough for wires; fws plan.W
✓ 194675	7/22	NY	Quarterly report of inspection.W
	To NY—	Gives action taken.9/11	Said— for comment and rec. 8/16 RB 9-7 NY reply already made calls attention to error in Bu date 8-26 To NY— reqs. reply 8-23 States installation will be completed on Lightship Sept 1st.W
✓ 195825	8/7	NY	To—Dept Commerce will undertake construction of radio room for. 8/10
197032	8-17	NY	Fire Island light ship; request auth. to purchase storage battery and manufacture battery cabinet and charging board.W NY rept action (T) 8-28 To E.I. purchase storage battery 9-1
197063	8-17	NY	Request authority to issue supplies and keep up station; also for supply of blanks. W To —8/22
197047	8-16	Y&D	Quarters ; change in plumbing system .W
197616	8-24	NY	Reports on damages to station.W
✓ 197439	8/22	To NY D	Breakdown of station; request details and date when will be ready to resume operations.W
✓ 199662	9-18	Y&D	Substitute septic tank for cesspool. W

FIRE ISLAND: RADIO

Number.	Date.	From or To--	Subject.
178852	2-9	NY	Submits estimate for installing batteries, D-C generator, antennae switch. W To--Appvs estimates. 2/12 NY reat authority to purchase new elements 3-10 To-- Appvs. 5/16
178940	2-12	NY	Report of investigation on condition of station boat; reat authority to make requisition to cover charges for stowage. W Ratd--Prepare recd for. 2/15
180024	2-21	Dept Commerce	Appro. cs. linc. ny overland across United States and adjacent Y. O. 2-20-23. 2-20-23. 2-20-23. 2-20-23. Ratd. 2-21-23. 2-21-23. 2-21-23. 2-21-23. Fwd NY--3/1 RB 3/9
181808	3-16	NY	Necessary to purchase special clock movement in connection with apparatus at station and on light ship for fog signals, etc. W To--Appvs purchase. 4/5
183262	3-27	NY	Landing wharf and walkway; fwds print and estimate. W To--Appvs. 4/5 NY return of drawings; reat 4-10 To--Fwds drawings. 4/17 NY fwds drawings 4-27
184163	4-7	At Coast Supt	Quarterly report of inspection. W Fwd NY-- For est and rec. 4/15 RB 4/27 Fwd NY--Appvs estimates. 6/3 RB 6/20 To NY-- Appvs estimates. 8/16 To S&A-- Reat shipment of apparatus from Fire is to NY for disposition. 8/17 Reat plans be prepared for Chief Operator's quarters. W
185000	4-19	To Y&D.	
185729	4-22	Y&D	

FIRE ISLAND: RADION812

Number.	Date.	From or To--	Subject.
185729	4-22	Y&D	Chief operator's quarters; reqt plans and data. W
	Fwd Y&D-- 5/9		Fwd NY--For above information. 4/28 RB 5/8
174957	2/14	Fire Island- NY	To--Gives data on: 4/28 Y&D will write station direct hereafter 5/3 Outline of radio work, 1917-18; items that will require expenditures of over \$500 604
✓186946	5-5	NY	Fire Island requires portable mast to make test in connection with radio compass. W Fwd Wash--For req: 5/11 RB 5/20 To--Have reqtd shipment of masts. 5/25 To S&A--Req shipment of masts from Wash: 5/28
187753	5-12	Y&D	Fwd drawing of Chief Operator's quarters. To--Appvs plan: 5/16
189616	6-1	NY	Necessary for expert radio Aide GH Lewis to Capt; request orders for: W Fwd Dept--Rec appvl of: 6/5
189869	6-3	NY	Recommends provision be made for receiving apparatus on light vessel. W To S&A--Req shipment rec set from Wash to NY for: 6/8
✓189873	6-3	NY	Recommends elcch be detailed in connection with in tallation being made on Fire Island and light ship. W Fwd Rad Ser-- 6/7 RB 6/21 To--Asks date when will be ready to resume station. 6/23
190369	6-7	NY	Su mits estimate for providing and installing buoys between light ship and fire island. Station for calibrating distance determining apparatus. W To--Appvs. 6/13

FIRE ISLAND: RADIO

1915

Number.	Date.	From or To—	Subject.
168187	10-12	NY	Direction compass: fwsd report on prelim tests: fwsd drawings, photo, etc. W 10 Dept reqt ship be selected for test Operations NY instructed to detail destroyer 10-20 To--Instructions. 10/30 To Atl Flt--Fwsd copy above 10/30 To N--Reqt add copy report. 10/30 NY fwsd ad report 11-15
170208	11-2	NY	Reports on tests made Fire Island and Ambrose Channel Light Vessel in connection with fog signals. W To Dept in Had Ser--Fwsd copy report recommending further experiments; asks whether Navy Dept should handle. 11/11 To Atl Flt--Fwsd copy of test. 11/19 Fwd Dept--Believes expense involved is well while. 1/4 RB 1/15 To NY--Reqt estimate covering. 1/18 RB 5/12 To--Appvs estimates. 5/16
172941	12-2	Dept	Suggests Ambrose Channel Light Vessel be permanently fitted with apparatus for fog signals, etc. Based on results Fire Island experiments. W
173306	12-1	NY	Motor boat 1145: recommends be not charged against allowance of station. W
173774	To--Reqt further. 1/3 Nort 1/20 12/13	NY	Fwd NY--Reqt charge for machy and hull. 12/15 RB 12/28 Reports inspection of radio masts at. W
174584			M Is (R) 220 volt, 60 cycle, motor generator required 12/28

FIRE ISLAND: RADIO. 812

Number.	Date.	From or To—	Subject.
174945	12/23	NY	Copies of report signalling test; Telefunken Co; Fire Island and WINSLOW; makes general recommendations. W To--Appvs recommendations; reqt estimates covering 1/4
174973	12-29	NY	New Chief Elean reports generators out of commission on taking charge; have appointed board of investigation. W
176078	12-29	NY	Fwds report of new Electrician in Charge as to generator, etc. being out of com. Investigation ordered. W Fwd Dept--Noted. 1/14
176175	1-12	NY	Reports on investigation on condition of machinery, masts, etc. with recommendations for alterations and repairs. W To--Refers to 174945-812. 1/16
✓ 177087	1-22	NY	Report of board on investigation on condition at station: recommends disciplinary action. W
177178	1-25	NY	Recommends survey of apparatus at station, and certain alterations be made in permanent installation. W
✓ 177806	2-1	NY	Outlines plan for fog signals fire island and light snop. W To--Appvs recommendations. 2/16
178001	1-28	NY	Submits estimates for work recommended by Board of Inspection. W To--Gives work appvd. 2/7

1915

FIRE ISLAND: RADIO

Number.	Date.	From or To--	Subject.
151760	4-6	NY	Radio set. W Fwd Rad Ser-- For recommendation. 4/10 RB 4/14 Fwd NY-- 4/20 RB 10/6
✓ 152266	4-13	NY	& SAN JUAN: fws progress cards. W
✓ 153389	4-27	Bu Light Houses	& CAIE COD: reqt status of proposed experimental plants. W TO NY for recom 8-28
✓ 153889	4-10 4-30	Bu Light Houses NY	Arret for wireless, submarine bell and whistle signals. W
154205	4-28 5-4	Fire Island NY	Reqt. audion. Fwd NY--Not available for assignment. 5/8
✓ 154816	5-11	NY	& S. N JUAN: fws photographs showing progress of work. W
✓ 155409	5/19	Fire Island	Reports completion of building for Telefunken compass; recommends no liquidated damages. W
157617	6-11	NY	Fws corres re supplying coal to Fire Island reqn 567. W Fwd S. A. -- Rec supply of coal be inc from 13 to 20 tons. 6/14
✓ 158586	6-19	NY	& SAN JUAN: progress reports. W
✓ 166668	9/24	NY	Submits est. for installing 1/2-Kw set purchased from E. J. Simon, at Fire Island. W To--Reqt return of corres. 9/28 To--Decision pending. 11/3

812 FIRE ISLAND: RADIO:

Number.	Date.	From or To—	Subject.	
159393	7-1	To S&A.	Reqt shipment of radio apparatus from NY to Fire Island. W	
159403	7-1	To NY. (R)	Have reqtd shipment of one audion amplifier from NY. W	
159789	7-7	To NY.	Report of progress of work on radio direction finding apparatus; reqt outline and status of. W NY gives work involved 7-17	
159803	4/27	Fire Island Radio Sta	Assigns motor sailing launch 1145 after repairs NY	611-2
162157	7/26 7/30	Fire Island Supt	Relative to distress signals; diagrams for short waves. W Ref. SUPP. 8-11	
✓162267	7/30	NY	& San Juan; fwds progress reports for June. W	
Reqn 84	7-29	Fwd NY.	Reqn 84; maintenance of yard workmen at Fire Island Light Station; returns disappvd. W-R	
162547	8/3	Fire Island Light Sta	Reqt payment of bills for subsistence of men 678	
163152	8-11	To New York	New wave changer ex-KANSAS; repair	
163486	8-21	NY	Reqn for maintenance of yard workmen at work on. W Ref. S&A via Dept. 8-17	
163683	8/16	NY	Revised estimates. W To appd 8/20	
165385	8-4 8-9	NY Y&D	Fire Island; report of annual inspection. W Fwd NY--Reqt est for work. 9/10 RB 11/11 Fwd Dept--Appvs est. 11/15 RB 11/20 To NY--Appvs est. 11/15	

NY re t reqn be cancelled 11-24
Fwd S&A-- Reqt cancel. 12/2

FIRE ISLAND: RADIO

1914

Number.	Date.	From or To—	Subject.	
✓130486	7-21	NY	Experimental 1/4 kw radio set for; fws copy of instructions for operating. W	
131073	7-28	NY	Fire Island installat on Telefunken compass; rent action of estimate. W. Fwd Dept--ests fwsd to Dept 7/15--7/29 nl 7 3-app d (attached to 129797-812)	
131860	8-7	Y&D 2102	Building for Telefunken compass; fws tracing. W. To---appd. 8/10.	
132669	8-11	NY	Repairs to station tender Statig; NY	
132740	8-17	Lowell	Measurements	843
134536	9-14 9-15	Light House Board NY	Experimental set Fire Island not operating properly. W Fwd NY-- Instruction have been furnished. 9/17	
134957	9-21	Y&D 2102	Bids for Telefunken compass building; fws. W Fwd Dept-- Concurs in rec. 9/22	
137739	10-23	Y&D	Copy of contract with McDermont & Hannigan for building. W	
✓139264	11-9	NY	Report of inspection. W	

FIRE ISLAND: RADIO 612

Number.	Date.	From or To—	Subject.	
139354	1 0/31	NY	Reqt orders for assistant civil engineer H.S. Bruns to perform travel between Nyl Ya and Fire Island Radio Station	635-4
✓ 142790	12-19 12-22	NY Y&D	Compass building for; contractors unable to proceed on account of weather conditions. W Fwd Y&D—12/24	
✓ 144467	1-14	To NY.	Reqt representative be detailed to confer with Inspector of Lighthouse District at Thompkinsville with a view to arranging tests of installation on Ambrose Channel Light-Vessel. W	
✓ 145313	1-12	NY	Relative to arrgts for test of Fire Island with Ambrose Channel light ship for fog signals. W To Dept Commerce--Fwds copy report on. 1/27	
149414	3/10	NY	Fwds progress cards	835
149500	3-19	To NY.	Makes allotment for rebuilding landing dock.	602
✓ 150322	3-22	To NY.	Installation of Telefunken compass at Fire Island; asks status of work. W	
✓ 151195	3-31	NY	453-809-8 Report of test on measuring distance by means of radio signals in connection with whistle and submarine bell signals. Test between Fire Island and Light Vessel 68. To Bu Lighthouses-- Fwds copy report. 4/21	
151567	4-1	NY	Installation of Telefunken compass; plan. W	

1913

Number.	Date.	From or To—	Subject.
✓110912	11-20	NY 2674-1	Estimate for moorings for station tender.W To---issue of supplies appd.11/22
		1914	
✓115412	1-16	NY	Description of: Lwis.W
118853	3/3	To NY	Telefunken radio compass: asks rec.as to desirability of installing and testing. 802
121067	3-25	NY 960-50	Recommends cancellation JO for mfgwave changing device. W
121286	3-31	NY	Lwis corres. estimates for rebuilding walkway and landing dock. W To---appd.4/2, To NY appvd 5-27
✓122155	4-9	NY	Report of inspection by Public Works Officer Estimate for repairs.W To---repairs appd.4/13.
118853	4/13	To NY	Request recommendations re practicability installing Telefunken Radio Compass. 802
✓123164	4/18 4/22	Guy Hill NY	Relative to practicability of installing a Telefunken radio compass at.W Lwd. Dept. ---rec.4/23 r. 8 To NY (IR) 5/15

FIRE ISLAND: RADIO. 812

Number.	Date.	From or To—	Subject.
125750	5/23	NY 2674-855-7	Submits estimate for building to accommodate Telefunken compass. W Fwd Dept recom app oval 5-28 To—6/6
125836	5/26	Y&D 9844	Fwds corres., bid, etc. on lumber for landing, dock and wharf. W Fwd S&A 5-27
✓126913	6/4	NY	Understands Telefunken compass is to be installed at, in lieu of at Cape Cod. W To—6/10
127216	6/11	NY	Report of inspection. W Fwd NY 6/12 S&A 18 To—estimate appd 8/18
127538	6/11	NY	Installation of an experimental set on Fire Island Light Vessel for testing out fog signals and Lighthouse Board. Revised est 898
✓127810	6/18	NY	Building for installing Telefunken compass: Recommends against building at yard labor and that same be built by contract. W Fwd Dept via Y&D—renews NY's recommen- dation to construct building by contract 6/19 Fwd S&A 6/19 Fwd Y&D. recd constrn be proceeded with. 6/27.
✓129797	7-11	NY 272	Estimate for installing Telefunken compass. W Fwd Dept 7-15 S&A 73 appd To—appd 7/31
✓130305	7-7 7-17	3rd Light House Dist NY	States set installed for experimental purposes not working satis. W

1912

Number.	Date.	From or To—	Subject.	
81051	10-23	NY 2674-851	Reports on adjustments made to apparatus.W. To---Noted. 11/8.	
81030	10/9	DIXIE	Makes complaint re length of time to relay messages from Fire Island to Washn; cites case of 7 hours; recommends changes in sites and equipment.	880
✓ 83489	11/25	To NY	Re loan of latest type Telefunken spark gap by Atlantic Communication Co. Bu accepts offer.W	
86459	12-12	At Communication Co.	New spark gap; will attend to matter when Mr. Seelig leaves hospital.W.	
1913				
87507	1-13	NY	Atlantic Communication Co. state quenched spark gap they propose to give will be received within 3 weeks.W.	
✓ 91763	3/6	To NY	& SAN JUAN: Requests log books for quarter ending Dec. 31, 1912, be forwarded.W NY fwas 3-8	
✓ 93576	3/26	Atlantic Communication Co.	Quench spark gap for radio station; asks that arrangements be made for material to be entered without payment of duty.W Fwd Dept cannot arr to admit free of duty. 3/28.	

FIRE ISLAND 812

Number.	Date.	From or To—	Subject.	
93902	3/20	NY	Estimate for additional inductance coils and switches for and Fire Island	823
1539	3/29	NY	Recommends cancellation of contract with LOWENSTEIN for apparatus for:	629--2
94120	4-12 4-3	Atlantic Communication Co. Dept	Reqt. free importation of quenched spark gap.W. Ret Dept. cannot be admitted free. 4/4.	
94585	4-5 4-9	Atlantic Communication Dept 3854-493	Re free entry of spark gap.W To Co. Cannot arrange for free entry. 4/11. Fwd Dept. 4/11. At. Com. Co. 4/14. Dept. 4/17. states will del. to NY; reply for Secy's sig.W TO deliver to NY Yd. 4-19 TO NY will be delivered. 4-19	
96336	5/1	The Atlantic Communication Co.	Quench spark gap for, being shipped to New York yard for tests.W	
106672	9-27	Y&D 10497-31	Reports on inspection. W Fwd NY 9/30	
108599	10-21	Norff	Estimate for repairs to masts and rigging.W Fwd Dept. rec appr. 10/24 To NY. repairs authorized. 10/29.	

Number.	Date.	From or To—	Subject.
42517	6/24 6/27	Fire Island NY	Encls list of stores needed at station. W Ret NY apprd. 6/30. 4-8-8
✓ 44472	7/24	NY 2674-590-22	Reports inspection. W
48351	9/9	Dept 26816-4	Oil engine house; directs payment of bill due W. Wines; Govn. suffered no damage in delay. W Fwd S&A Payment authorized. 9/13
49727	9/26	NY	Report of inspection. W Fwd Naven--9/29.
52389	10/31	Hanes, E.E.	Engine for; Murray Tregurtha bid did not cover distant control; will submit additional quotation if desired. 9
			-1912
✓ 57834	12/4 1/3	Fire Island NY 2674	Reports carrying away of aerial on account of sleet on wires. Est. for new. V
65194	3-30	NY	Report of inspection. W
67832	5/3	NY	Reports radiograms intercepted by Sta. between Vice President Marconi Co and Mr. Marconi on Kaiser Wilhelm.
68467	5/10.	To NY	Requests estimates for modernizing radio station during next fiscal year. W

892

FIRE ISLAND: W.T.STA. 812

Number.	Date.	From or To--	Subject.	
68929	5-15	NY 2674-17	Estimate for completing work on modernizing and gives list of reqns. and job orders outstanding. W	
70117	5/31	NY	THMS: fws report from: stating no notice received from Bu. to send test signals to Bu. Standards or Wash. was in communication with 26th.	903
J 70617	6-7	NY 285-13	Was report of inspection in Fire Island also reports on station being erected at Sayville. L.I. will seriously interfere with operations of Fire Island. W To---comments.6/10.	
74116	7/22	NY	Requests shipment of Leyden Jars be expedited. Ret- Purchase of 9 Leyden jars is appd. 7/24	
J 75518	8/7	Fire Island	Reports interference by telephone station at Sayville. W Fwd Dept. S. Bill 6412 provides for regulation of shore stations. 8/12.	
75668	8/7 8/12	Fire Island NY	Requests one oil return valve for oil engine. W Ref. N.Y. appd. 8/14	
78860	9-23	NY 2674-20	Reports on inspection. W	
78861	9/20	N.Y.	& NEW YORK suggestions for modernizing.	B23

FIRE ISLAND W.T. STATION

FILE No.	From or To— (Dated)	Subject.	
28355 1/4	NY 2674-705-46	Induction coil reactance; rerequirements for Ret. no record of change 1/18 R.B.1/24	
28610 1/7	NY	Oil engine house; fws letter from contr. stating impos. to continue owing to weather conditions Ref S&A Rec extension of time 1/11.	
✓ 28838 1/11	Fire Is.	Reports books now on hand at sta Fwd Nav 1/12.	
✓ 30850 2/2	NY 2674-705-53	Reports rejection of 5 kw transformer reactance regulator; contract 341-N, W to S&A Recd. copies of papers in conn. with Bids 2/11. B.L. R.B.2/24	
36214 4/12	NY	ANTENNA: gives radiation	875
36348 4/13	NY	Report of quarterly report inspection. W	
✓ 36391 4/17	TO NY	Directs reqn. be submitted for dynamo spark gaps. L	
41472 6/14	NY	Reports on inspection. W	
✓ 41572 6/8 6/14 6/19	Com. & Labor NY 2674-590-15 Dept	Re installation of gasoline engine; general plan of station approved. W Ret Dept. Noted. C/20.	
✓ No # 6/20	To S&A	NY reqn 1617; Bids for generator. W	



N. S. E. Form 134.

N. S. E. Form 134.

(See War Preparations - Confiscated Radio Stations)

[illegible]

FOURTH CLIFF
(See Direction Finder Stations, 919-1.)

FOURTH CLIFF
(See Direction Finder Stations, 919-1.)

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435700-797 03

467009-797 130

543782-797 130

507941-797-127

450000-771-2-216

167640-718-3 114

493000-718-3 118

410000-718-3 194

[illegible]

[illegible]

Number.	Date.	From or To—	Subject.
650887	12/2	To Washington	Annapolis coupled circuit- Gives action cc Dir Commns W K 3
653443	12/4 12/11	Naval Academy Navigation	Requests no further action be taken toward erecting an additional radio tower on GREEN BERRY Point as it would prevent the utilization of certain acreage for crops and stock W Fwds Navign 12/22 RB 1/25 W Fwds Navign 2/7
652315	12/13	To Opera <i>of Station</i>	Consolidation of Sayville with Annapolis- Gives inform W cc CO Annapolis NY Washn- Supt Annapolis O-1-C Bu Standards W RB 12/23W RB 12/19 with print and recommending Sayville are be installed at Annapolis W Fwds NY 1/9 RB 2/15 W Fwds Washn 2/27/23 RB 3/5 W
653552	12/7 12/12	Annapolis Station Washington	Requests additional allotment to cover high speed key parts W To Washn- Allotment authd 12/22 Exp. sta- request duplicate of correspondence 1/20 W To Supt Annapolis- Fwds let 12/22/22 1/26/23

FRANCE ANNAPOLIS STATION

1922

Number.	Date.	From or To--	Subject.
653889	12/15	Naval Academy	Submits inform rel to status of projects for fiscal year 1922. W
626313	from card 83		To Supt Annapolis-- Cooperation-- comments-- 12/21 W

FLEET ANNAPOLIS

1922

Number.	Date.	From or To—	Subject.	
648166	11/4	To Suptg. Annapolis	- Plan for material chargeable to station's annual maintenance allotment.	Rb
648579	11/7	Annapolis Station T	Requests disposition of requisition for painting and beautifying station W	
648632	10/30 11/7	Annapolis Station Washington.	Recommendations covering efficient means of melting ice in To Washn- gives information Annapolis 12/15	
649453	11/11	Naval Academy	Status of projects for fiscal year 1923	
Naval Academy Eng 61-23 W R	11/20	To Hon sec of Agr. (SecSig)	Bulbs requests that bulbs that can be made available by Bu. of Plant Industries of Agri. Dept be shipped in the spring to the O-I-C Annapolis	Rpm

FRANKS ANNAPOLIS STATION

1922

Number.	Date.	From or To—	Subject.
✓ 651059	11/20 11/23	Exo Sta. Naval Academy	Re: info as to availability of allocation of crew for action in training courts To Suptg Annapolis via Comdt. Rel action 12/9
✓ 651124	11/29	Annapolis Sta. Wash.	60 Key armature received unwound not called for by new complement W
✓ 651396	11/24	Annapolis Sta.	Copy let to AGCS rel to possible shut down during coming winter for ice melting W Dept 12/26 Copy of action to Navigation W
✓ 651436	11/20 11/24	Annapolis Sta. Wash.	Submits complete resume of personnel situation with recommendations covering Navigation W Fwd to Navign via Dir Comm cc Supt Annapolis- Washn 12/21 RB 1/8/23 W

Number.	Date.	From or To—	Subject.
✓ 637386		END FROM CARD 83	JAG 10/16 Fwds report investigation. Blamed on radio W Fwds J A G via Navign 11/21 BB 12/12 W Fwds Supt Annapolis 12/16 12/20/22. W. Fwds J A G 1/10
✓ 647445	10/28	✓ Annapolis (T)	Have discontinued using Halborg uni-wave keys and coupled arc on account of weak signals.
647970	11/1	Washington	Estimates covering cost. of manufacture type SE 1648 relay key. W.

1922

Number.	Date.	From or To—	Subject.
646910	10/30	To Key West	Reqs present status of Annapolis time relay and when will be ready for test w Key West 11/8 Time relay not ready for To Key West— Gives test schedule cc Supt Washn observatory— Dir commns 11/16
648118	11/2	W.D.	Deferitization plant - bids will be rejected for time being— cost too high. W.
648165	11/1	SAA	Copy of letter to Experiment Station giving instructions covering method of handling charges for work done by Experiment Station for high power radio station at Annapolis. W.
647874	11/2	To C-I-C Annapolis	visit of members of patent office to Annapolis cc Supt Annapolis— patent office w

FRANCE ANNAPOLIS STATION 1922

Number.	Date.	From or To.	Subject.	
641630	9/19	To Eng Exp Sta Annapolis	Request inform on cable at Station W	906
642167	9/23	To J B Brady	He will be agreeable to granting permission to visit Annapolis W	
642771	9/23	Y&D	Copy of letter to Naval Academy finding prints cov deferrization plant. W.	
643300	9/28	Y&D	Copy of letter to Naval Academy rel to closing out savings and over expenditures under allotments chargeable to Engineering 1918-19. KW	
644547	10/6	Washington Yard	Quarterly inspection report. W.	

FRANCE ANNAPOLIS RADIO STATION

1922

Number.	Date.	From or To—	Subject.
640526	FROM OVER		Inspr Broo - 10/3- W.
644787	10/4 10/9	Naval Academy Navigation	Fwds request of commissary Dept for relocation of ground wires. W Fwds Washn 10/13 W RB 10/25 Y Fwds Bu Standards 2/20/23 RB 2/27 W Fwds Washington Fwds sketches 6/9
645597	10/13	Naval Academy	Status of projects, fiscal year 1922, Annapolis Station. W.
644522	9/18	Expr Sta	Recommendations covg installation of new apparatus at Annapolis Station. Fwds prints W Fwds Washn cc Annapolis 12/6 RB 12/26 W To Washn Allotment made cc Supt Annapolis Dir Comm 2/6/23

Number.	Date.	From or To--	Subject.	
639293	8/22 8/25	Annapolis Sta. Washington	Report on instaln of new chamber in #2 arc da New York 9/2 W BB 9/29/22. 7 Fwds Washn 10/5 BB 10/28 W Fwds NY 11/3 BB 12/28 W Fwds Washn 1/8/23 BB 1/19/23 W Fwds NY 1/23/23 BB 2/2/23 W	W
639661	8/23 ?	Exp. Sta. Naval Academy	Request instructions rel to charges for work to be done at Exp. Sta. for Annapolis radio station W. Naval Academy- 9/18 W Fwds S&A 9/22 Fwds S&A cc Annapolis 10/27	
640526	9/6	Exp. Sta.	Ask if relay key should have been furn with main switch board for transmitter furnished by Wireless Inrvrt Co. W to U. S. C. Annapolis 9/18 inspr mat NY- Gives instrns cc Annapolis 9/15 Exp. Sta. 9/19 W. Fwds Brook 9/22 W to inspr mat NY- Gives instrns rel drilling 9/27 Request auth to use 3500 cov construction of concrete tennis court. W.	
TO CARD 85				
640678	7/30 9/6	54958-629X Annapolis Sta. Naval Academy		
641072	9/11	Y&D	Water purification plant- cost of work will be chargeable to Engineering 1923.	W.

FRANCE ANNAPOLIS STATION

1922

Number.	Date.	From or To—	Subject.
641324	9/12	Naval Academy	Status of projects fiscal year 1923. W.
641499	9/8 9/14	Annapolis Sta Washington	Request auth to continue employment of four additional laborers through October. K Fwds Dept 9/24 BB 9/25 K Fwds Supt. Annapolis 9/27 cc Washn.
641498	9/11 9/14	Annapolis Sta Washington	Request rugs listed be ordered on Fwds annual contract 9/30 W
642167	9/20	J. B. Brady	Request permission to take patent office attorneys to Annapolis. W

FRANCE ANNAPOLIS STATION

192

Number.	Date.	From or To—	Subject.
654840	7/26	Washington	Quarterly inspection report W Fwds Washn 7/29
635313	7/28	Naval Academy	Copy Request normal power be used until further notice. Communications 8/12 W To Dir Comm— W gives action of Yds & Decks 8/18 Fwds Yds & Decks 8/26 To Supt. Annapolis— Requests inform 11/29 Nav Academy 12/8 Installation of roof screens not warranted W
636077	8/2	Bureau Stand. Labr.	Report on measurements antenna resistance and arc efficiency at Annapolis during June and July. W. Fwds Washn 8/17 RB 9/12 W To MI— Fwds corres. 9/15 MI Requests drawing and description of Annapolis ground system 10/12 W To MI— Fwds print 10/26 11/21 Fwds print of antenna ground sys W Fwds log of transmission of time signals at Annapolis 7/1 to 7/28. W. Fwds Dir Commns 8/23 RB 8/25/22.W
636937	8/8	Washn.	
637068	8/8 8/100	Naval Observatory Communications	Fwds copy of letter from G. E. Adams of the Sector observatory Wellington, New Zealand, rel to listening for radio time signals sent out by Annapolis station. W Fwds Nav Communications 9/7 W to Washn

FRANCE

ANNAPO LIS STATION

1922

4-4391

[OVER.]

FRANCE

ANNAPOLIS STATION

1922

Number.	Date.	From or To—	Subject.
632573	6/16 7/13	Annapolis Sta. Washin.	Alternating current electric fans— request be furn. W. O. L. R. Station 7/22 RB 7/28 W
632509	7/13	Annapolis Sta. Copy	Unable to maintain higher than 300 amperes— Have requested W.B. & A furn high power. W
632948	7/7 7/15	Annapolis Sta. Y&D	Subm inform rel to water circulating system for oil coil cooling tip. W.
633362	7/18	Annapolis Sta Copy	Report on additional costs of extra power house in transmitting time signals. W
633466	7/18	Annapolis Sta.	Copy of letter to Communications submitting report on cost of extra power house for transmission time signals at full power. W.

FRANCE ANNAPOLIS STATION

1922

Number.	Date.	From or To—	Subject.
✓ 63348 ^u	7/18	Washn.	Winch modifications and cable guard rollers, estimates with prints. W. Y&D 7/26 Request auth allotment from current funds W To Washn. 7/29 RB 8/17/22. W. Fwds Yds & Docks cd Washn 8/24 Y&D Copy action to Naval Academy 8/26 W Y&D Copy action to Nav. Academy. 8/26 W
✓ 634218	7/21	Washington	Fwds beneficial suggestions by H. E. H. Hallberg in con. with design of antenna system for Annapolis Sta. W Fwds Dept 9/25 RB 9/11 W Fwds Hallberg GE Radio Aid Washn via Cemdt 9/30 RB 10/6/22. W. from Washn.
Boston Eng. 8/22 W. R 7/21		Fwds Bosto	Towing and repairing automobiles assigned to Radio Station Bar Harbor Me
634538	7/18 7/21	Annapolis Station Naval Academy	Submits recommendations for public Works estimates fiscal year 1924 KW

Number.	Date.	From or To—	Subject.
628584	6/17	Y&D	Copy of letter to Naval Academy fwdg prints showing proposed location of Deferrization plant W
629596	6/24	Annapolis (C)	Have disconnected auxiliary antenna - gives results. W.
629836	6/16 6/23	Annapolis Washn.	Request auth to operate 7 passenger touring car at high powered station. W. Fwds Lds & Docks 6/28 RB 8/1 Fwds Annapolis via Wash 7/7 W.
630868	6/21	Washn.	New antenna - fws varies es and description. W. To Lds & Docks - Reqsts comments. W.
630432	7/1	To Comdt Washington	Interruption to operation of Naval Radio Station, Annapolis. W RB 7/11 W.

Number.	Date.	From or To—	Subject.
✓ 631320	6/28 7/5	Naval Academy DNC	Disconnecting all auxiliary antenna and receiving reports on W.
✓ 631742	6/8	Annapolis Sta. Copy	Necessary to shut down for antenna measurements W.
✓ 631905	7/12	To Comd't Was. n Navy Yd	Time signal of U.S. Naval Radio Station. U.S. Coast Observatory Nav Acad
✓ 631906	7/15	To Washn	Annapolis— Four signals on night of 27- 28 June— poor results—Reqsts inform rel Washington 7/24 W Fwd Dir Comms 7/28
✓ 632850	7/13	Annapolis Sta. Copy	Request Bureau Standards check working and compensating valves. W.

FRANCE

ANNAPOLIS STATION

1922

Number.	Date.	From or To—	Subject.
✓ 627413	6/9	Annapolis Copy	Bureau Standards request shut down 6/9 for antenna measurements. W
627580	6/9 6/10	Hon. S.E. Mudd Communications 708	Rel to interference caused to radio broad casting by Annapolis Station W Fwds Washington 6/16 RA 6/22 W
627749	6/12	Communications	Fwds copies of corres between Washington Control Station & Annapolis Sta rel to economy in use of power W

920-1



Number.	Date.	From or To--	Subject.
627934	5/30 6/13	Annapolis Sta Washington	Request auth to employ additional firemen at boiler plant W Fwd Asst Dept 5/27
627947	6/13	Y&D	Copy letter to Naval Academy stating work of filling around towers ~~is~~ is required under contract W
628369	5/16	Annapolis Sta copy	Request shut down June 17 & 18 to complete antenna measurments W
628523	6/16	Washington	New antenna at Annapolis Submits estimate W

Number.	Date.	From or To—	Subject.
625347	5/22 5/24	Annapolis Sta. Naval Academy	Recommends officer in charge continue to regulate radiation of station. W.
625458	5/25	War Dept	Request auth for Army officers taking radio course at Yale University to visit Annapolis Station and Arlington Sta. W. To Sig Arlington— gives instrns 5/28 To Supt Annapolis— Gives instrns 5/29 To Sec of War Asst Sec Sig gives invitation to visit annapolis— arlington radio station 6/1
625754	5/29	Annapolis Copy	Report on shut down, W.
625843	5/29	Annapolis Sta. (T)	Gives reasons why more than 5 minutes is required to shift arcs. W.
626483	5/24 6/3	Annapolis Sta. Washington	Subm request for water coolers. W.

FRANCE ANNAPOLIS RADIO STATION

1922

Number.	Date.	From or To—	Subject.
✓ 626485	5/29 6/3	Annapolis Sta Washn.	Request authority to employ four additional laborers during June, July, August and Sept. for upkeep of grounds. W. Recd Dept 6/10
✓ 626530	6/2 6/3	Annapolis Sta Naval Academy	Request small arms be furn . W. Fwds Ordn 6/8
✓ 626812	6/6	Annapolis Sta.	Copy- Ask lowest wave length assigned to station. W.
✓ 626902	6/7	Annapolis Sta. Copy-	Request 4 days shut down to make repairs to Helix room roof. W. Annapolis Sta. 6/7 T W
✓ 626965	6/6	Lept	Copy of telegram to Annapolis stating only two waves necessary. W.

FRANCE ANNAPOLIS RADIO STATION

1922

Number.	Date.	From or To—	Subject.
622078	5/6	To Annapolis (T)	Request permission granted Mr Beal and Mr Elliott Fed Tel co visit Annapolis tomorrow. Request officer in Charge be directed admit these men and grant usual courtesies W To Annapolis— Request be allowed inspect equipment 5/2 W
622723	5/10	Annapolis Sta. Copy	Will shut down 5/11 and 13 for harmonics and uni wave test. W.
623354	5/11	Naval Academy	Subm statement showing status of expenditures at Naval station. W.
623592	5/15	Annapolis Station T	New key units taken out of circuits. Gives reasons W
623759	5/16	Annapolis Sta. (T)	Report from Bar Harbor cov harmonics and interference. W.

Number.	Date.	From or To—	Subject.
623467	5/17	To O-I-C Annapolis	Searchlight Regt Inform cc Washn- Supt Annapolis W Naval Academy- gives name plate data of searchlight. 5/22 W. To O-I-C Annapolis- Searchlight is-- Rang for 5/29 Naval Academy- Station recommends 24" Sperry searchlight be furn. 5/31 W. To Annapolis- commens cc Washn 6/14
624089	5/17	Naval Academy	Fvds receipt from Lt. J. A. Terhune cov receipt from Lt. W. A. Tattersal of manual of engineering instructions. W.
624243	5/18	Annapolis	J. A. Terhune has assumed control of station. W.
624358	5/11 5/18	Annapolis Washington	Suggestions cov additions to antenna and welding circuits. W.
624750	5/18	Annapolis Copy	Report on trouble experienced with anode tips- repairs being made. W.

Number.	Date.	From or To--	Subject.
618994	4/17	Annapolis Sta. Copy	Report on progress of various items of work. 7.
620498	4/24	Washin.	Quarterly inspection report. 7.
620748	1/21	Naval Academy	Request Annapolis be auth to hire 6 additional laborers temporarily for working on station. Fwds Dept 5, RB 3/4 W Fwds Annapolis cc Washington 5/6
620743	1/25	Naval Academy	Request auth to use balance from allotment for work on Scotch boilers to screen Fwds 1st & Docks 4/29 Y&D- Copy action to Naval Academy. 5/1 W
620887	4/27	Annapolis (T)	Will have triatic #2 in place by night- will test out. 1. Annapolis Sta. Rec to modify insulators. 4/28 7

Number.	Date.	From or To—	Subject.
620587	4/28	To Marguerita Phillips	granted permission to visit radio Station W To O-I-C Annapolis Request Miss Phillips to term itted to visit Annapolis W 4/28
621088	4/27 4/28	Annapolis Sta. Naval Academy	Exds report of expenditures for 3d quarter. W
621974	5/5	Annapolis Sta/ (T)	WB&A request 1/2 hour shut down 5/8 for connecting transformers to busses and Lennings power plant. To Annapolis - O-I-C Annapolis (T) Auths shutdown Annapolis- Monday morning 8 may to permit changes at Lennings power plant W 5/5
621963	5/5	Y&D	Cpy of letter to Naval academy directing expedite reports on status of work under a allotments chargeable to Engineering 1922. W
622072	4/21 5/5	Annapolis Sta. Washington	Suggestions for placing stucco work on wooden buildings W. Exds 1st & Docks 5/9. RB 5/13 W.

ANNAPOLIS RADIO STATION

1922

Number.	Date.	From or To—	Subject.
614962	3/23	Annapolis Sta. (T)	WB&A request shut down 3/24 for changing cable end. 7.
597672	FM CARD 70 0		Washn- Supt. revised estimates 3/23 7 Fwds Dept 3/31 Dept- Authorizes issuance of travel orders. Fwds Washn. 4/7 To Dir Comm - Gives Schedules of shut downs neccy cc Washn- Supt Annapolis- NY 4/14
615703	3/28	Annapolis Sta. (T)	WB&A request shut down 4/2 for changing cables. To Annapolis authd cc Washn- Dir Comm- O-I-C Annapolis 3/29
616050	4/3	To Washn-	Condition of insulators of Radio Tale at Annapolis 3 cc 12

ANNAPOLIS RADIO SECTION

1922

Number.	Date.	From or To	Subject.
617689	4/8	YLD	Copy of letter to Naval Academy stating allowance will not be ~~made~~ necessary cov repairs to telephone cable.
617382	4/7	To Supt Annapolis (T)	Authorizes visit professor Wagner Ann. polis Station will arrive with Bureau's Representa- tive Dr Austin at 11 A. Saturday Request Officer in Charge to present W
618159	4/11	Communications	W.P. Mfg. Co. will repair faulty cable at Annapolis and sub it bill to Engineering. Communications 4/15 W
618397	4/11	Naval Academy	Ask if ground wireless for new towers will be over head or under ground. W. To Supt Annapolis - Gives inform rel plans 4/20

NAVY RADIO STATION ANNAPOLIS

1922

Number.	Date.	From or To—	Subject.
611894	3/2	Annapolis Sta. (T)	Report cov operation of ice melting device. W.
612185	3/3	Annapolis (T)	The nest shut down be made 3/5 for taking insulation test on cables— under Severn River— To Annapolis (T) Approved 3/4
612348	3/4	Y&D	Remodeling of barracks completed with saving from allotment. W. Y&D— Copy action to Naval Academy. 3/4
612478	3/6	Annapolis Sta. (T)	W&M RR Co. request shut down 3/7 to repair switch. W.
613114	3/10	Y&D	Copy of letter to Donnel Zane Co. rel to additional tower material shipped from Merchants Ship Bldg. Corp. W. Y&D Copy action to Nav. Acadm. 3/10 W

FRANCE RADIO STATION ANNAPOLIS

1922

Number.	Date.	From or To—	Subject.
613766	3/7 3/19	Annapolis Sta. Washn.	Insulation test of high power cables under Severn River and over head power transmission lines from Annapolis to radio station - report cov. 3/18 7. Y&D - Cop. Action to Naval Academy. 3/22 7.
614007	3/16	Annapolis Sta .	W.D.& A. request shut down 3/18 for work 7.
613046	3/15	To S&A 9890	Reqst shipment of Cathode sheet from SO Washn to Annapolis W RB 3/22/22 . 7
614671	3/21	Y&D	Copy of letter to Naval Academy rel to weight of steel delivered for 800ft radio tower. 7.

FRANCE

RADIO STATION ANNAPOLIS

Number.	Date.	From or To—	Subject.
✓ 609727	2/15	Annapolis (T)	Report on ice melting apparatus- schlights badly needed during snow storms at night. To Annapolis Station (T) Gives status of project 2/15
609852	2/13	Nav. Acadm.	Subm data on cost of instn of telephone lines to Annapolis Station by C.&P. T. Co. W
610237	2/17	T&D	Will design nec water purification plant for Annapolis Station. To T&D-No urgency exists-2;20-W
✓ 610586	1/24 2/15	Annapolis Sta. Nav. Acadm.	Fwds quarterly report of expenditure 2nd quarter. K

1922

Number.	Date.	From or To—	Subject.
586854	FROM CARD	66	Y&D Copy action to Nav. Acadm. 3/23 W Y&D Copy action to Naval Academy. 3/7 To Y&D Docks— work cannot be under- taken - Gives inform 3/10 Y&D- 4/14 W.
611290	2/24	Y&D	Copy of endorsement to Naval Academy stating allotment cards will be forwarded covg. additional funds for tanks W
611667	2/28	Y&D	Copy of letter to Insp'r Phila. asking if addtl shipts of material for towers has been made since 9/14. W.

FRANCE RADIO STATION ANNAPOLIS

1922

Number.	Date.	From or To—	Subject.	
606335	1/24	Washn.	Recommends purchase of 2 winches for new antennas at. station. W.	
606852	1/20	Naval Academy	Report on increased size of water pipe in anode hole. W.	
606887	1/28	Annapolis Sta. T	WB&A request permission to take off power 1/30 To Annapolis (T) Approved 1/28	
606981	1/28	Annapolis Copy	Report cov snowing-in of station. W.	
607586	2/2	Annapolis Sta (T)	WB&A request auth to put off power 2/6 To Annapolis (T) Authority started 2/2	W.

FRANCE RADIO STATION ANNAPOLIS

1922

Number.	Date.	From or To—	Subject.
608198	2/3	Navy Acadm.	3x3 prints giving exact shore line distance adjacent to new tower #5. Fwd ltr & Doc 7/11 HH 2/14 with print. W
608806	2/3 2/8	Navy Acadm. Y&D	3x3 prints showing shore line in conn with locations of tower #5. W. Fwd ltr & Doc 7/11
608887	2/8	Communications	Copy of letter to American T/T Co Rel to roofing of cables connecting Navy Dept with Annapolis Sta. W.
609545	1/18 2/13	Annapolis Sta. Navy Acadm.	Request allotment of \$150 be made for annual maintenance fiscal year 1923. WK

FLEET INFORMATION SYSTEMS

1922

Number.	Date.	From or To—	Subject.
601066	FROM CARD 71		Y&D- Copy action to Nav. Academy 1/6 W Y&D- Copy action to Naval Academy 1/27 W Y&D- Copy action to Nav. Acadm. 1/30 W Naval Academy- Copy action to B&A Elec. RR Co. 1/9 W
603308	1/7	To Bu of Standards	Extension of ground system W Bur Stand- Fwda prints with recommendations. 1/19 W
603999	1/11	Annapolis Sta. (2)	Will put own 1/16 W. To O-I-C Annapolis (2) Approved 1/17/22

Number.	Date.	From or To—	Subject.
603358	1/10	Annapolis Sta. (2)	Request station be shut down 1/12 to eq air 1 ak in W.
603354	1/11	Fwd NY	Requests information concerning allotment of arc chambers furnished by NY Yard to Annapolis K C
604968	1/16	Washm.	Quarterly inspection report W.
604692	1/16	To SEA 9507	Request shipment of searchlight from Navy Bonds to Annapolis L
606086	1/18 1/23	Annapolis Sta. Washington	Request inform rel to charges for two new arc chambers. W.

FRANCE RADIO STATION ANNAPOLIS

1921

Number.	Date.	From or To—	Subject.
✓ 600459	12/14	Washn.	Fwds prints cov Annapolis high power sta antenna. 7.
✓ 600485	12/14	Nav. Acad.	Ask proper method of charging electrical work in conn with instn of 750 KW motor generator. Fwd Annapolis 12/27
✓ 600786	12/19	To Norman Snyder	Grants permission for party of Miss Elizabeth Sandolini, H. A. Shaw and E. Snyder to visit Annapolis December 28 W ~~XXXXXXXXXXXX~~
✓ 601034	12/12 12/16	MI Nav. Acad.	Request auth. cov repairs to ground cable at station by C & P T. Co. 7.
✓ 601066	12/19	Y&D Dec 1/23	Copy of letter to Dist. of Columbia engineer requesting permit be granted for relocation of submarine cable across Severn river at Annapolis. Y&D- Nec to relocate submarine cable across river. 12/19 W Navn.-Naval Acadm. post inform relto agreement reached. 12/16 W Y&D- Dec 1/23 cc Navn. 1/23 Y&D- Rls allotment of \$25,000 be made cov 10 K. 12/28 W Y&D- copy action to Navy Academy. 1/3 W Fwds Rls & Decs cc Washn- Comins 1/5/22 RB 1/21 W Fwd Dist 12/23 Repairs to telephone cables 12/23 W Fwd Y&D makes allotment-2:20-w Y&D- copy action to Naval Academy 1/24 W
CARD 72			
601014			

FRANCE RADIO STATION ANNAPOLIS

1921

Number.	Date.	From or To—	Subject.	
601555	12/23	To S&A 9397	Request shipment of material from Wahn W RB 1/10 7.	
601957	12/28 ERROR	To Boston see 920-2	Installation of Model TD tube sets at Ch. in. and for Barker Re st inform Rel status of tubes W	
600305	12/17	To Annapolis	Rel visit of Mr. L. Lowenstein to the Exp Station inform Rel W	797
603254	1/3 1/5	1922 Annapolis Wahn.	Ask to what all meant two arc chambers should be changed. 7. Fwd NY 1/11/22 RB 1/19 K To Mr. M. C. H. Allerton and cc Mr. McKinn L&S 1/11/22	

FRANCE RADIO STATION ANNAPOLIS

1921

Number.	Date.	From or To -	Subject.
597672	11/30	To Yds & Docks	New antenna Regts enclosed antenna design for Annapolis station be checked and corrected on W
TO CARD 76			YD- Swds sketch showing sags. 12/14 W To Washn Yds Yds and Docks sketch cc Yds & Docks 12/26
			Washn- Swds prints showing speed lengths rest auth to mainf. 12/6
597676	12/1	To Washn	To Washn Yds Yds and Docks 2/9 W regts that meter wave be changed as listed cc Dir Communications W
490367		SEE CARD 47	To State Board Commission - location of power cables will be immediately checked so that changes may be determined and appropriate 12/2 YD- Copy action to Nav. Academy. 12/5 W State Yds. Commission Md. Will check up changes. 1/25 W To State Board Comm. TN: Action 1/18

Number.	Date.	From or To—	Subject.	
597686	12/2	To O-I-C Annapolis	permission is granted for M Girardeau to visit Annapolis cc Annapolis W	
598858	12/8	Annapolis (T)	Request instrns as to proper appropriation to which cost of instn of 700 KW motor generator should be charged. W.	
598860	12/3	Communications	Copy of letter from Marconi Internatl Marine Communication Co. appointing interference between Annapolis and Rome stations. 7. Fwd Bu of Standards cc Dir Communications 12/8 3012/22 W To Dir COM Gives Inform. 12/24	
54021	12/9	To Annapolis	Regst station inspect and test compen-sator inspr May Boston WS	629
✓ 600187	12/13	Y&D	Copy of letter to Naval Acadm. rel to agreement made with Maryland State Authorities regarding submarines cable to radio station over Severn River Bridge. W.	

Number	Date	From or To	Subject
✓ 592981	10/31	To S&A 9085 9853	Reqt shipment of mat from Washn to Annapolis W To S&A Reqt shipment of mat from Washn to Annapolis W
✓ 592984	10/29	To Annapolis (T)	Authorize Station shut down Permit contr install to handle as tower traffic will be handled W
✓ 594722	11/6	Cavite Copy	President's broad-cast message from Annapolis recd. W.
✓ 594889	11/8	Annapolis (T)	Cathode sheath leaking request expedite return of spares from Washn. W.
556214	FROM CARD 64		Washn- Ante na system & list of parts for prints. 11/8 W To Washington- Gives inform rel all costs of work 11/16 Washn- Reqt shipment order be issued cov material listed 12/19 W To S&A Reqt shipment of mat from Washn to Annapolis 9401-15/23 RE 4/27/22. W. To Washn- Reqt return of parts with acc. ent 1/4 RE 1/17/22. W. To S&A Reqt shipment of mat from Washn to Annapolis 389 5/27

1921

Number.	Date.	From or To.	Subject.
595057	11/9	Washn.	Report on status of uni wave key for Annapolis Station and test made on 7. To Washington Gives Action 11/10 Washn. request travel orders be issued to men listed to complete install of key system. Fwd to Asst Dept 4/12
595438	11/8 11/10	Annapolis Sta. Washn.	Two new spare arc chambers recd from 11/4 ask to what allotment chargeable. W Fwd NY 11/19
595437	11/4 11/10	Annapolis Sta. Washn.	Report on power failure on 11/4 #
595293	11/14	To Annapolis	Sag in antenna wires Regst inform rel cc Washn Yds & Docks W. Nav. Acad. Fwd sketch showing ice melting station 11/18 W. Fwd Washington cc Yds & Docks 11/20
596179	11/15	Communications	Fwd copy of letter from Radio Corp of America reporting interference by Naval transmitter. W. To Radio Corp of America- Gives Action cc Dir of Communications 11/23
596314	11/17	Y&D	Copy of letter to Nav. Acad. directing modify schedule of prices say two 600' towers. W.

FRANCE RADIO STATION ANNAPOLIS 1921

Number.	Date.	From or To—	Subject.
591621	10/20	Y&D	Copy of telegram to Donnell-Lane Co requesting reply to letters re: to modification of towers W
591344	10/22	To Washington	Loss of all filter to: Disapp'd cc O-I-C Annapolis—Supt Annapolis W
592092	10/21	Naval Academy	Boiler inspection and test, quarter ending 9/30— Report by W Fwd J&L & Loda 11/19
592372	10/24	Annapolis Sta. (T)	Arc has been completely dismantled report on condition of. W.
592427	10/25	Annapolis Sta. (T)	Donnell Lane Co. request shut down 10/25 for two hours. W.
592558	10/19 10/24	Nav. Acad. Washn.	Protection to telephone lines at cross-overs with power transmission lines Request W.B.&A complete work. W. To Washn Balto & Anna Railway Corp— Request inform re: work—cc Annapolis 10/29 WB&A RR co.— Work not yet completed. 11/2 W Fwd Annapolis 11/4

FRANCE RADIO STATION A N'POLIS

1921

Number.	Date.	From or To—	Subject.
592458	10/26	Annapolis (T)	Subm progress of work on arc. W
592662	10/26	Nav. Acad. (T)	Ask when better grade of carbons may be expected. W.
591978	10/25	To Washn	antenna plans listed in conn with manufacture of Washington- Returns prints. 12/2 W
591982	10/25	To S&A 9056	Reqst shipt of mat from Washn to Annapolis W 13 1/8 To S&A Reqst shipt of magnets from Washn To Annapolis 9057 10/25
592771	10/26	Annapolis (T)	10400 pounds of ante na wire hauled to station 10/26 W
592831	10/27	Europ Forces (T)	Report on signals recd from Annapolis ita. V
593075	10/28	Annapolis copy	Ask Arc completely assembled. W

FRANCE RADIO STATION ANNAPOLIS 1921

Number.	Date.	From or To—	Subject.
586658	9/23	To Annapolis (T)	Ask when will be ready to start tests on uniwave key- Gives Inform W Annapolis- (T) Test can be conducted 9/27.9/25 W
587298	8/31 9/25	Nav Acad, Y&D	Request allotment of \$1000 cov misc work by Yard labor on two 600' towers. W. Fwd Yds & Docks 9/30
587319	9/26	Sur Stand Labr	Reqst auth to take measurements at Annapolis sta on antenna rel to reduction in power cost. W 875
588244	10/2	Annapolis Sta. (T) ~~Donnel-----Zane--~~	Repairs to trapeze completed and station in commission. W. ~~Re--~~ Gives inform 10/8
588236	10/1	Y&D	Contractors for radio towers request station be shut down 10/29 in order to complete work. W.
589084	10/8	To S&A 1951	Request shipment of mat from Annapolis to Washn W
590189	9/29 10/13	Annapolis Sta. Wash	Request auth to erect bungalows- subm estimate. W. Fwd Washn cc Yds & Docks 10/19 RB 12/20 W Fwd Yds & Docks 1/4/22 RB 5/9 W

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FRANCE

RADIO STATION ANNAPOLIS 1921

Number.	Date.	From or To—	Subject.
590442	10/14	Washn.	Fwds addtl copy of quarterly inspection report of.
590870	10/13	To SEA 6983	Reqt. shipt of material from Washn to Annapolis W RB 3/29/23 W
590851	10/17	Washn.	Quarterly inspection report. W.
591377	10/20	Annapolis Sta* (T)	R. st auth to shift leaky arc chamber. W. To Annapolis (T) Grants authy 10/21
590933	10/20	To O-I-C Annapolis	Visit of rep. from Radio research laboratory to Annapolis Station for Radio experimental work W
591463	10/21	Annapolis Sta* (T)	Subm report of progress on arc converter. W.
591679	10/21	Y&D	Copy of letter to Naval Acad directing contractor perform all necessary labor to move stays on towers W

Number.	Date.	From or To—	Subject.
584004	9/1	Annapolis	Reports failure of power line from 8:35 to 9:10, on Sept 1st. W.
584956	9/7	To Yds & Docks	Lagging of boiler and water piping cc Washn. 9/10 W. Y&D Copy instrns to Annapolis 9/10 W. Y&D 9/21 W
584332	8/28	Walter C. Wherthner	Request permission to visit Annapolis to inspect radio equipmt-W. To— permission granted cc O-I-C Annapolis 9/9
584751	8/30 9/8	Nav. Academy Washn.	Recommends passenger leaving car for use of high power station. W. rwa Dept via Yds & Docks 9/16 RB 9/28 Copy action to Dept. 9/17 W.
585051	9/12	Nav. Academy (T)	Contractors install cooling pond - reqst 8 hour shut down. W. To Annapolis (T) Authd 9/13
585794	9/10	Y&D	Asks if Indian motor cycle is available for transfer. W.
	9/10	S&A-Copy shipt order cov motor cycle from Nav. Acadm to Washn. 9/27	To Yds & Docks Gives inform rel motor cycle 9/22
585851	9/9 9/15	Annapolis Washn	Request spare armature for motor generator. W. Fwd. Washn 9/23 Nav. Acad. - Reqst spare armature for 3 KW. motor generator be ordered. 11/21 W.

FRANCE

ANNAPOLIS

1921

Number.	Date.	From or To—	Subject.
586159	9/19	Y&D	Are circulating water system ask if changes recommended are desired. W.
		Y&D-Copy action to "av. Acad. 9/30	
			Y&D-Copy action to Nav. Acad. 9/26 W
586293	9/17	JAG	Dept contract 1076-D. Between W.B&A. and Navy Dept for current. KW.
			JAG 5/13 Ask if changes are desired for next fiscal year KW
			To Judge Advocate Gen. cc Washn- Annapolis
			O-I-C A nnapo. is 5/20
586533	9/21	Nav Academy	Report station out of commission for about 3 hours in conn with installing cooling reservoir V
586854	9/13	Annapolis	Request installation of water filters be authorized W
	9/21	Washington	Fwd 1st & Docks 9/28 RB 10/25 W
CARD 74	9/23	RB 2/6/22 W	Fwd Annapolis 10/28 RB 11/5 W
			Fwd 1st & Docks 11/8
			Y&D-Copy action to "av. Acad. 11/12 W
581303		FROM CARD 65	Y&D-Copy action to Nav. Acad. my. 9/24 W
			Y&D-Copy action to Nav. Acad. 9/28 W
			Y&D-Copy action to "av. Acad. 10/3 W
			Y&D-Copy action to Donnell Zane - 8 10/3 W
			Fwd 1st & Docks 10/8
			Y&D-Copy action to Nav. Acad. 11/12 W.

FRANCE: ANTARCTIS

1921

Number.	Date.	From or To--	Subject.
579766	8-11	To Y&D	Concrete work for winches and rattail anchor stat on ANNAPOLIS W copy Wash Navy Acad W
581234	8/1	Paris Copy	Ask for data test test co Annapolis and Latter half of letter. W.
581234	8/16	Y&D	Copy of letter to Carroll Elec. Co. returning prints approved showing modification of piping arrangement of a circulating reservoir. W.
581303	8/5	Annapolis Sta.	Request authority for repairs to station, dock, derrick and coal hopper. W.
581442	8/18	Y&D	Subm report cov savings in allotments at Key West and Annapolis Sta. KW.
581447	8/18	Y&D	Copy of letter to Navy Academy rel to saving of allotment. KW.

FRANCE ANNAPOLIS

1921

Number.	Date.	From or To—	Subject.
✓ 581726	8/19	Annapolis (T)	Power Co. will shut down from noon until 12:30 Sunday 8/21. W.
582312	8/18 8/22	S&A Solicitor.	Proposed contract for elec current, W.B.&A Railroad Co. KW. fwd 8/18/27 To Washn fws photostat copies of Plan 8/30
✓ 582703	8/19	Nav. Academy	Request batteries and condensers. W. fwd Annapolis 9/2 RB 9/9 W.
✓ 583079	8/18	Washn.	Quarterly inspection report. W. To S&A Regt shipment of mat from Washn to Annapolis 8/99 9/1
✓ 583590	8/18	Washn Yd.	Fws report on quarterly inspection. W.
583724	9/2	Y&D	Copy of letter to Nav. Academy asking for what \$1000 is required. W. Y&D Copy action to Annapolis. 9/16 W
583725	8/29 9/2	Nav. Acad. Y&D	Anchorage for rattail and foundation for winches— fws plan, etc. W. Y&D Copy instrns to Annapolis. 9/10 W. Y&D Contractors ask if hose can be stored while station is in operation 9/10 W.
		Y&D Copy action to Annapolis-9/9 W fwd Y&D & Dock cc Dir. com 9/15 Y&D Copy action to Donnell Lane Co. 10/14 W Y&D Copy action to Nav Acad-10/14 W	

DATE: 10/1/41

Number.	Date.	From or To—	Subject.
574007	7/2		
574017	7/2		
574017	7/2		
574355	7:11	11th Dis copy	Report on test with Annapolis.W
574910	7:13	Y&D	Fwds speens and prints covering vertical circulating water system.W
575838	7/20	To S&A	Reqst shipment of resistance tubes from Washington to Annapolis W 8214 RB 8/13 W
576450	7:21	Annapolis	WB&A reqt shut down July 31 for reguying high tension wire.W
575178	7/22	Fwd Intelligence via Naval Communications	Reqst of German representatives to visit naval arc trans station W
576500	7/21	Wash	
556214	7-30	To Wash	Inst llation of winches.- station Annapolis W
CARD 69	To Comdt Wash. Navyl manfr 8/17	Wash. fws sketch relating auth to main material for antenna enlargement	To Comdt Washington- 8/20
	8/17 W.		

920-1:FRANCE: ANNAPOLIS:

Number.	Date.	From or To—	Subject.
576708	7:22	Y&D	Copy of letter to Carroll Elec Co stating flow meters will be eliminated from arc circulating water system. W
577639	7/5 7/27	Annapolis Ma-Jm.	Request authority to complete unfinished work on apartments for enlisted mens quarters. W Dwd Mav. L Acad 7-30
578278	8-2	To Annapolis	Permission granted French engineers to witness test of trans apparatus. W copy Director Naval Communications. To Mr. Touly- rel test 8/2
578691	8/2	Annapolis Copy,	Mr. Touly requests authority to hold test scheduled for 8/2 on 8/3 W.
578797	8/3	Annapolis (T)	Mr. Touly is connecting his apparatus. W.
579679	8/5	Annapolis Sta	Report on power failure 7/30 W.
579255	8/9	To Touly & Johanneau	Arrangements made for continuation of tests Aug 9 and 10. W To Ann Sta--Instrns. 8/9 W

Number.	Date.	From or To--	Subject.
569331	6/13	Annapolis Copy	W. B. & A. request shut down 6/19 for completion of changes in power transmission line
569454	6/13	Y&D	Copy of letter to Nav. Academy requesting secure inform from contractor as to contemplated date for instn of addtl towers. W.
569582	6-14	To Naval Acad.	Erection of two additional 500 ft towers W
570088	5/31	Federal Tele Co	Single wave signalling system for Annapolis Station- gives advantages. W. To Federal Tel Co 6-17 To Fed Co 6-17
570417	6/18	Y&D	Copy of letter to Nav. Academy rel to final cost summaries on allotments chargeable to Engineering 1921. W.
570698	6/17 6/20	Nav. Academy Y&D	Will start work on modification of old towers upon receipt of materials. W. and Y&D 6/22 Y&D- Copy action to Nav. Acad my. 6/25 W
570694	6/16 6/20	Nav. Academy Y&D	Plans and specifications for arc circulating water systems- comments on. W. and Y&D 6/27

FRANCE ANNAPOLIS

1921

Number.	Date.	From or To—	Subject.
571314	6/23	Annapolis Copy	W. B. & A. request shut down 6/26 to complete changes in transmission line. W
571577	6/24	Y&D	Copy of letter to Naval Academy piping system in conn w. h arc circulating system will make award to only bidder. W.
571261	6-27	To Y&D	Additional allotment for award of arc cooling reservoir at Annapolis W
572336	6/29	Y&D	Copy of letter to Carroll Elec. Co. resting estimate cov instln of 2 indicating flow meters. W
572567	7-5	To Naval Commn	Erection of two additional towers 600' Annapolis W
572720	7-5	Y&D	17.145 meters. Request tune wayville to 11/3 W
573433	7-10	Annapolis Copy	Copy of letter to Naval Academy piping system in conn w. h arc circulating system will make award to only bidder. W.

FRANK

ANNAPOLIS

1021

Number.	Date.	From or To-	Subject.
564025	5/13	Nav. Academy	Subm miscel data for data book Public Works of the Navy. fwd Y&D 5/23
563999	5-16	To Comdt Washington	Reqst transmitting tests be carried out on 25th and 26th.
	MI- Fwds audibility report. 6/2 W		
	Washn- Report of test. W.		
	To Commun- 6-17		
	Washington 6/15 W		
	To Wash 6/20 W		
565405	5/21	Norfolk	Reqst transmitting tests be carried out on 25th and 26th. Washn. Report on test. 5/26 W fwd Annapolis 6-1 Boston 5/15/20 Report of test. W. To M.I. 6/20 Hallberg uni-wave are key ready for test at Annapolis 5/23 W.
565532	5/23	Berlin Copy	Annapolis reception variable; Marion receives perfectly. W.
565534	5/23	H. L. Hallberg	Keys ready for inspection 5/24 W.
565848	5/24	Nav. Academy	Fwds results for monthly radio reports.
Nav Acad Eng. 1/22	5-24	To Wash	Reqst revision of reqn covering power for radio station Annapolis WR
566017	5/26	Miller	Copy of tele-gram to Annapolis directing arrange for official test of uni-wave key with San Diego. W

FRANCE ANNAPOLIS

1921

Number.	Date.	From or To—	Subject.
566327	5/27	Annapolis	Copy W. B & A desires to complete work on transmission lines. W.
565986	5-27	To S&A	Request shipment of armature coils from Washington to Annapolis W 7585
566338	5/27	Annapolis	W. B & A desire to shut down. W. Annapolis 5/28 Copy- W.
566344	5-1	To Norfolk	Rel test of uni wave key W
567725	5/13 5/4	Annapolis Washn.	Request authority to hire temporary labor during summer months. YK Fwd Washington 5-6 RB 5/15 KW. Fwd Sec 6/20
567523	5/3	Annapolis	Telegram. Started unloading of coal from 641-2 barges. Necessary to hire additional truck from Naval Academy. F&D
568694	5/8	W&D	Copy of letter to Nav. Academy in conn with interpretation of proposition cov painting of station. W.
569162	6/7 6/10	Annapolis Communications	Subm report of power failure on 6/6 W
569163	6/11	Y&D	Copy of letter to Nav. Academy correcting amount of balance available for use in purchasing paint. W

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FRANCE ANNAPOLIS

1921

Number.	Date.	From or To—	Subject.
✓ 562035	5/5	Annapolis Copy	Request authority to shut down 5/6 for connect ing motor of generator to line. W.
✓ 562076	5/4	Washn.	In conn with making arrangements for remote control of 750 KW motor generator set. W.
13845-197	4/5/21	Comdt Wash Eng	Radio Telegraph-Additional turns in load- ing coil at Annapolis High Power Plt.
✓ 562285	5/6	Y&D	Revds drawings and specifications for 600' towers at Annapolis Sta. W.
✓ 562265	4/19 5/5	Annapolis Sta. Washington	Request authority be given to locate cooling pond and housing adjacent to Helix room. W.
562365	5/6	Y&D	Copy of letter to Nav. Academy stating strengthening ceiling of tower house completed with saving from allotment. W.
562664	5/5 5/7	Annapolis Sta. Nav. Academy	Request undersized typewriter be furn. WK ltd Wash 5-17
562956	5/9	Annapolis Copy	Mechanics have been sent from Lond in conn with Hallborg Key test. W.

1921

60

Number.	Date.	From or To -	Subject.
556205	4/9	Fwd Dept	re Uvertime authority for repairs to arc water supply system W
556756	4/11	Annapolis Copy	Progress report on preparations for antenna work. W.
556214 see card 64	-69		
556352	FROM CARD 59		Annapolis- copy- Progress report. 4/11 W. Annapolis 4/21 Copy W Annapolis-copy-elec compressor is being overhauled-relief compressed essential-4:26-W To Annapolis (T) instln appvd cc Washn Annapolis 4/28 To Comd Wash 5-5 copy Annap
557692	4/14	Y&D	Copy of letter to Nav Academy directing fwd plans and specifications of cooling system. W.
557754	4/14	Annapolis Copy	Concrete base 750 KW motor generator completed. W.
556314	4/12	To Washn	Antenna enlargement- Fwds Plan for comment W cc Bu Standard-1st Deck-Annapolis-Anacostia W Nav aca-submits recommendations-4:29-W Washn-Ars preparing plans. 7/26 W

Number	Date	From or To	Subject
55644	4/15	Fwd Yds & Decks	Remodeling of marine barracks into married quarters W Y&D Copy of action to Nav. Academy. 4/19 W
556859	4/14	To Annapolis (T)	Auths station go out of comm from eight A M Sunday until 5 P.M. Monday 4/18 for addn of wires to antenna on Dir Comm-Washn W
558355	4/18	Annapolis Station (T)	Progress report on antenna work. W.
559568	4/18	Annapolis Copy	Repairs to antenna completed- report of test. W.
559060	4/20	Washington	Progress report on concrete base for 750 KW motor generator. W.
559079	4/20	Y&D	Fwd. drawings and specifications for painting Annapolis Station. W.
559240	4/21	Annapolis Copy	Progress report on instln of 750 KW motor generator. W.
559248	4/21	Exp. Sta.	Feds specimen of antenna wire- reqst specifications cov wire similar to, be drawn up for X-Y hydrophones. W. 797

FRANCE ANNAPOLIS

1921

Number.	Date.	From or To--	Subject.
550521	3/9	Y&D	Copy of letter to Nav. Academy requesting expedite plans and specifications for painting of buildings. W.
550613	3/7	Nav. Attache Paris Copy	Impossible to read Annapolis due to wave length used by latter station. W.
550622	3/10	To Fed Tel Co	Fwds set of prints showing details of constrn of transmitting building at Annapolis W Fed. Tele. Co. 3/14 W.
550692	3/10	Washington	Request requested gap be furn for Annapolis station. W. To Wash 3-14
551152	3/12	Annapolis Copy	W. B&A request shut down 3/14, in order to connect up pole lines. W.
551396	2/21 2/23	Annapolis Naval Academy	To Wash Balto And Annapolis Request inform Ask why GE Co. shipt switch board material with charges not prepaid. R.
553863	3/26	Y&D	Copy of letter to Nav. Academy requesting recommend
5/5 W	To Y&D 5/10		ations with prints etc rel to painting of buildings. W
554110	3/28	Annapolis Copy	Request inform rel to addtl allotment concrete base. W.

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FRANCE ANNAPOLIS

1921

Number.	Date.	From or To--	Subject.
554730	3/28 3/30	Nav Sup Depot S&A	Fwds Annapolis shipt request cov adding machine W Fwd Washn 4/14 RB 4/21 W. Fwd S&A cc Washn Annapolis- 4/27
554764	3/31	Y&D CANCELLED) 854	Copy of letter to Grt Lakes fwding drawing showing standard design of flight radio towers. W
554941	4/1	Y&D	Copy of letter to Nav. Academy giving instrns relative to painting of buildings. W
555410	4/4	Annapolis (T)	Ask if material used in conn with Hallborg key test and spare parts for Kleinschmidt transmitter is chargeable to station appropriation. W To Washn Gives Inform. cc O-I-C Annapolis 4/8
555617	3/14 4/4	Annapolis Washington 1-5-5	Request authority to hire 8 laborers temporarily during summer months due to concrete work and grading necessary. W. Fwd Dept 4/19
555103	4/7	Annapolis	copy Subm power bill by months, for calendar year 1920. KW.
556163	4/1 4/7	Annapolis Sta.	Comments on increase in wave length of stations main working wave. W.
TO CANCEL 555352 60 wheel 4:9 W Annapolis-Copy-Subm report 4/10 W 555440	4:9 4:9 4:6 4:8	Annapolis Sta T have commenced cleaning Nav Aca Y&D	Request authority to work overtime in connection with examination of water system to determine trouble with W ask if have approved change from 5 to 7 apartments in remodeling of Marine Barracks. W

Number.	Date.	From or To	Subject.
547693	2/20	Arlington	Confirms telephone conversation in conn with main flat top at Annapolis being carried away at center. W.
547709	2/21	Annapolis Copy	Report on cork supporting flat top section of antenna being carried away by storm. W.
547836	2/21	S&D	Copy of letter to Nav. Academy giving instrns rel to starting work on erection of 500' steel towers. W.
547900	2/23	Annapolis Copy	Subm report on clearing away wreckage and progress of rigging. W.
547962	2/23	Annapolis Copy	Report on status of rigging towers. W.
547625	2-24	To S&A	Reqst shipment of radio clothing from Norfolk to Annapolis W RB 3/18 W 6388
547638	2-24	To S&A	Reqst shipment of radio material from Washington to Annapolis W RB 3/19 W 6411 Amendment 3/1 6467
547994	2/14 2/21	Annapolis Washington	Request disposition of hotel type giving range. W.
548311	2/25	Annapolis Copy	To S&A. Reqst action be taken 4/2 Ind NY 2-24 RB 3-8 N.Y. 3/25 3-11 progress of antenna work. W.
548453	2/25	S&A	Boston authorized to ship to Annapolis 200 connectors for antenna wire. W.

FRANC ANNAPOLIS

Number.	Date.	From or To—	Subject.
548540	2/26	Annapolis Copy	Shackles too small, thimbles too large— holding up work. W.
548541	2/25	Annapolis Copy	Progress report on towers. W.
548688	2/26	Annapolis Copy	Report of progress on antenna work. W.
548747	2/19	YAD	Copy of letter to Annapolis making report on amount of work which can be accomplished with \$1000 additional allotment. W.
548796	2/27	Annapolis Copy	No progress on antenna work, due to weather conditions. W.
548938	2/28	Annapolis Copy	Progress report, antenna work. W.
Annapolis Request authority to place station out of Commission. 3/4 Copy		Annapolis Copy	Progress report. 3/4 Copy
Annapolis Copy Progress report. 3/9 W		Annapolis Copy	Progress report. 3/2 W
Annapolis Copy Will have cable for Hailberg key completed 3/9 3/9		Annapolis 3/3 Copy	W.
548385	3-3	To Secty	In conn - laborers - stations Annapolis - Recommends re-employment of at 3.54 per diem - W.
549468		Foundation Co. Communications To cc O-I-C Anna 4/2	Dept. Authorized. 3/5 W. Iwd Annapolis 3-11 Request authority to inspect Annapolis Sta. W To 3-12-21 Foundation Co. 3/16 W. To Found Co Gives instrns 3/19

Number.	Date.	From or To—	Subject.
538719	1/4	Y&D	Copy of endorsement to Nav. Academy authorizing prepare plans and specifications for arc circulation reservoir W
539865	1-17	To Y&D	Request advise if amendment to contract for painting blast at Annapolis to be included in work not provided for by contract W copy Washington Y&D - copy to Nav. Academy - 1/24 W. Y&D-4;25-W
541376	1/19	Europ Forces Copy	Request information to conditions of test between Annapolis and Prague. W
541943	1/22	Annapolis	Copy - enter request station be placed out of commission 1/24 to 25th, for painting of pelix room. W
542253	1/24	Annapolis Sta	Copy - Request station be placed out of commission 2 days for painting. W
542369	1/24	Department	Copy of telegram to Annapolis authorizing plate station out of commission for painting. W
542990	1/25	Annapolis	Copy - Martin of Halborg equipment practically completed. W.
542929	1-26	To Annapolis T	Halborg enroute Annapolis. W copy Norfolk Halborg - (T) request further instructions. 1/27 W
542925	1-26	To N.Y.	Replacement of defective arc chambers - WK copy Washn. request photos be made for Bur life of damaged chamber. copy Cat Wn Annapolis Sta - (T) N.Y. ask price of damaged arc chamber. 2/16 W.
		To Annapolis	replacement price 2-17

FRANCE: ANNAPOLIS

1921

Number.	Date.	From or To—	Subject.	
543522	1-31	To Norfolk	Authorizes expenditure of 500 under project Annapolis B 182 SE 21 to increase the insul on key units. WK	
543527	2-1	To Annapolis via Wn	Instn of air compressor for high speed keys. Radio Sta Annapolis W copy Y&D and Co.	
543511	2/2	Annapolis Wn	Y&D- Retns unexpended allotment of \$350. 2/16 W	
543555	1/21 1/28	Annapolis Nav Academy	Status of the conditions for concrete base of new motor generator. W	
543533	2/9	Washington	Report covering arrival of outfit for instn of Hallport high speed key system. W	198
546504	??	??	Excavation for outfit of concrete base for motor generator completed. W	
546500	2/14 Washington 3/11 W.	Washington	Spbm report of board in conn with enlargement of antenna system at Annapolis station. W.	
547025	2-11	To Y&D	Calls attn to pin hole leaks in new arc chamber with recommendations cov eliminating trouble. W. To Washington 2-19-21	
			Erection of two additional 600' self supporting towers W	
			to Y&D- rel addtl towers 6-9 copy Wash and Nav Acad. 6/2 W	
			Y&D- 5/13 WK	

ORANGE

ANNAPOLIS

Number.	Date.	From or To—	Subject.
533544	11/17 12/7	Annapolis Communications	Sum list of enlisted personnel necessary for efficient operation of station. W fwd Nav 12/11
533604	12-9	To Naval Acad	Request vandike and prints of drawing 3628 foundation and ducts for 750 kw motor gen at Annapolis W Nav Academy- Foundation of ducts for motor generator set- fms prints. 12/13 W
534840	11/9 12/14	NA Nav. Academy	In comm with M.B.C. agents withholding delivery of conduit intended for Annapolis station. fwd S&A 12/22
533497	12 15	To Comdt Washn	Disposition of damaged chamber W
534747	12/2 12/13	Annapolis Washington	Request instrns re method of mounting for tower from ins. in line of radio station by Marine Barracks at Annapolis file Range. W fwd S&A 12-17 No 2-24 fwd M. Corp 5-13 BB 6/15 W. fwd Wash via S&A 6/16
535336	12/15	Annapolis Copy	Only change in instrn has been counterpoise W
526757	FROM CARD 54		Bar Harbor- Copy of action to Larc Is. 12/17 W

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ANNAPOLIS

Number.	Date.	From or To-	Subject.
5367 0	12/19 12/24	Annapolis Sta. Washington	3 stanes for making an oil filter press part of regular equip. of high power sta.
526407		S. F. 54	To B. Hoff gives letter re report 12-19.
537507	12/22 12/29	Annapolis Sta. Washington	Ask if cost of materials listed can be charged to stations appropriation for fiscal year 1919- special funds available. X
537715	12/31	Annapolis Copy	To Annapolis a lotment 1/5 Report covering install of resistance type thermometers W.
538440	12/13 12/4	Annapolis Sta. Washington	Subm request for install of filters between main water service tank and pipe lines. W.

Number.	Date.	From or To—	Subject.
528963	11/12	Y&D	Y&D specifications covering painting of Annapolis Sta. W.
529080	11/12	Washington	Instln of 750 KW motor generator at Annapolis - Subm print with estimates. W
529564	11/1 11/15	Annapolis Washington	Subm request for allotment covering remodeling of Marine barracks - fws prints. W fwd Y&D 11/19 Y&D-copy of action to Nav Acad 11/24-W
529770	11/17	Annapolis- Washington	Ask if Marine Barracks will be painted along the station. W. fwd Y&D 11/19
529754	11/11	Insp'r Fed	750 KW generator for control panel for Annapolis station - fws print. W. fwd Annapolis 11-19
52977	11-13	To Norf	Regst fws borints be fwded for uni ave key to be tested at Annapolis W fwd- fws prints. 12/8 W.
529950	10/27 11/17	Nav. Academy Washington	Fws report recd from C-2 Tele. Co. rel to conditions existing between their lines and high tension transmission line to radio Sta. W.
529873	10/18 11/17	Annapolis Washington	Fws itemized statement of report charges covering transporting the KW motor generator set from Navy Academy to Radio station. W To Wason 11/23 Nav. Academy - 12/30 W To Annapolis 1-7-21 Washn- Recommends addtl allotment be made 2/25 W fwd Wash 3-11 RB 3/18 W

FRANCE: ANNAPOLIS

1920

Number.	Date.	From or To--	Subject.
529496	11-18	To S&A	✓ Reqt shipmt of arc key, from Norfolk to Annapolis W RR 5/25/21. W S&A- Copy of action to Norf. 1/6 W. Norf- Copy of action to S&A- 1/10 W
530193	11/19	Annapolis C. P.	Reports on progress- Station out of commission until 11/23/ W.
985			
529895	11-23	To Annapolis for Comdt Washin 12/9-30 12/20 W Fed Annapolis 12-23	Instlan 750 kw motor generator set W copy Wash Cdt Nav. Academy- Encs prints showing location of found- atio motor generator set. 12/3 W Reqt shipmt of cable from Washington to Annapolis W RR 12/24 W
530415	11-25	To S&A	
531575	11-30	To Naval Acad	Insulators- Advise rel number in use at station W Nav. Academy- 12/30 W.
531575	11-30	To N.Y. Shipmt order from Annapolis Greenburg Pt to N. arc chamber 1-24-21 6020 SO RR 3-15	Reqt cost to cast and machine arc chambers for station Annapolis in accordance with drawing Fed Co enclosed W N.Y- sd. 12/14 W
532349	12-3	To Naval Acad	Reqt copies of print W copy Norf
533456	12/7	Annapolis Copy	Progress report, on counter wise. Annapolis- Sta- Copy- Will use entire time for work. 12/8 W
533497	11/24 12/6	Annapolis Washington	Request disposition of damaged arc chamber. W Washington 12/17 W Fed Wash 12/2 W

FRANCE: ANNAPOLIS

54

Number.	Date.	From or To--	Subject.
525507	10-26	Annapolis Sta (copy)	Request auth to commence breaking down #2 arc converter for renewing leaky chamber; W
526323	10-29	Annapolis (copy)	Progress report covering breakdown of #2 arck; W
526241	10-28 10-29	Annapolis Y & D	Fwds preliminary design for arc circulating water reservoir; W F'd in 11/5 Rb 12/9 W F'd Y&D 12/30
526349	10-30	Annapolis Sta (copy)	Progress report on shirting arc chamber; W
526437	11-2	To Norfolk T	When will key for Annapolis be ready to test and what material is required to be supplied
526757	11-1	Annapolis Sta (copy)	Work- (T) 20 days required to manufacture key resistance. 11/3 To Norfolk expedite 11-10 W.
527203	11/3	Annapolis	Progress report on installation of new arc chamber; W Lure Island- Copy- Request arrange with Bur Standards and Pearl Harbor for test. 11/6 W To Bur Standards 11/9 cc. Com Port MI

FRANCE ANNAPOLIS

Number.	Date.	From or To--	Subject.	
527550	11/5	Annapolis Copy	Progress re ort on Changing arc chamber.	W.
527770	11/3 11/5	Annapolis Nav. Academy	Requ st authority to hire one civilian fireman. fwd Sec 11/12	
527860	11/6	Annapolis Copy	Progress re ort, Newark Chamber.	W
527605	11-8	To SA	To rt slip of radio trans act from Washn to Annapolis 7 To S&A shunt order from Annapolis to Wash radio arc trans 3/9/21 6527 RB-4;2-W	
528107	11/8	Annapolis Copy	Progress report on work.	W.
528122	11/26 11/8	Annapolis Washington	Report covering instln of 2 settling tanks.	W
528267	11-12	To Asst Secty via Y&D Motor car for station- Annapolis- Recommends		
	1-21	cc: Annapolis RB 2-21		
	1-21	cc: Annapolis RB 2-21		
	1-21	cc: Annapolis RB 2-21		
528924	11/12	Annapolis Copy	Progress report covering assembly of #2 arc.	

Number.	Date.	From or To -	Subject.	
517652	8-30	European Forces	Official test log shipped; fnds; W	
513428	9-15	Radio Lab, Bu Stand	Submits report on 800 meter harmonic note from Annapolis; W	919-13
518963	9/23	Naval Academy	Request authority to hire civilian fireman at high power radio station. WK.	
520864	9/2 10/2	Annapolis Washington	Report covering damage in capolo. of To Washn 10/6	
501742	10/4	Washn.	Characteristics of elec power supply, Annapolis Sta.	576
521258	9/20 10/5	Annapolis, Washington	Hoods and brackets for over windows in sub station and power house - submit prints with estimates 7/8 fnd fnd 10/8 copy Washn	
521960	9/23 10/8	Annapolis Washington	Report covering receipt of 750 kW motor generator. W	

FRANCE ANNAPOLIS

1920

Number.	Date.	From or To—	Subject.
✓ 522032	10/4 10/8	JAG Navigation	Report covering fire at Annapolis Sta. W fwd Navigation 10/12
✓ 523085	10/18	Exp. Sta. Copy	Request authority to shut down for 6 hours 10/18 for repairing leaking bell room leak.
523496	10/18	Annapolis Sta Copy	Request station be placed out of commission 10/20 for repairs to tanks. W.
524074	10/19	Sayville Copy	Arrangements made to discontinue work 10/20 W.
✓ 524758	10-25	To Dir Comm.	Radio Tel calls attention to plans for To Dir A— Gives com. at 10-25-26
✓ 525374	10-23 10-25	Annapolis Naval Acad	W.B.A.A. freight station has box of conduit on hand; ask from where same was shipped; W To SA 11/1 SA— 11/1 fwd Insp GE 1-26-21 RB 2-18 fwd SA 2-18 RB 2-19
525439	10-25	Annapolis (copy)	Request expedite repairs to cathode sheaths: W

FBI - ANNAPOLIS

1920

Number.	Date.	From or To—	Subject.	
506396	7/20	Washington	Recommends steam driven turbo generator be removed from Annapolis and turned into store at Washington. fwd S&A 7/29 S&A 8/6 Copy of action to Nav. Academy. W	
507025	7/21	Anacostia	Submit report on power failure W.F.A.A. 7/15	W
507215	7/6 7/23	Annapolis Washington	Submit report on leaks in roof of Helix room. fwd Y&D 7/29 Y&D Copy of action to Nav. Academy. 8/2	W
473383	From 42		To Ins. or G.I. no action will be taken until contactor for installation at Annapolis avail file. 7-28	
508623	7/19 7/29	Radio Test Shop, Washm. Nav. Academy	Proposed erection of cooling system for arc circulating water at Annapolis - twds sketch with report covering. W. fwd Y&D 8/3.	

Number.	Date.	From or To—	Subject.
5 09312	8/2	Y&D	Copy of letter to Naval academy making allotment covering cost of repainting buildings. W.
509736	8/3 8/3	Annapolis Naval Academy	Subm report on test made 8/1 W.
510736	8/5	Exp. Sta.	Subm report on test 8/1 W. Communications Report of test with samples of tape. 8/10 W.
510855	7/26 8/5	Annapolis Washington	Request authority to remove section of barbed wire entanglements. W. To WashN & pvs recs 8/14
511532	7/23	Europ Forces	Fwd request of French authorities to Experiment with a high speed receiving station recently installed. W. fwd Comm 8/19 RB 8/21 W
511586	8-16	To Annapolis	Request for permission to visit station by Mr. J.C. Stroebel. W. ~~For information~~
514812	8/24 8/26	Nav. Academy Y&D	Request allotment of \$158. to cover piping for tanks. W. Y&D- Copy of action to Naval Academy. 9/3 W
515062	7/2	Annapolis	Star temporarily repaired; ast. now in operation.

FRANCE ANNAPOLIS

Number.	Date.	From or To--	Subject.
504430	2/3 7/9	Annapolis Washington	Repaired voltmeter read back from Bristol Co. and installed. W.
541302	7-12	To Comdt Washn	Antenna. Direct letter of 2/16 as decided overhaul present antenna and provide winches to obviate sagging of antenna bratics which caused trouble. W (see 473506-920-1)
504029	7-12	To Annapolis	Layout plans of station. Fwdz photostat copies of. W copy Washn
505115	7/12	Solicitor	Fwdz copy of agreement 1076 covering renewal of contract for furnishing elec current Annapolis station. To Annapolis via Washn. Fwdz copies of correspondence 7/15
505526	7/6 7/13	Radio Test Shop Lawrenceburg	Recommends requisition be prepared for hand driven gear winches for Annapolis Sta. W.
505759	6-24 7-16	Annapolis Washington	Submits suggestions rel to accomplishing of proposed work; W
505760	6-25 7-16	Annapolis Washington	Suggestion for design of complete cooling pond for arc cooling water; W

Number.	Date.	From or To—	Subject.	
505998	7/6 7/13	Annapolis Washington	Projects required by station force and Dept of Buildings and Grounds.	
505997	7/16 Washington 5/2/21. W.	Washington	Report covering receipt of material. W. To Annapolis. request advise if info rec is correct 7-28 copy Gdt Wash Washn. 8/5 W.	
506115	7/17	Washington	Requisition for are used for re- building buildings at Annapolis Station. W. and Y&P 7/29	
506114	8/19 7/17	Annapolis Washington	Y&P- Returns balance from allotment. 2/24 W Report on ceiling sagging in arc room. and Y&P 7/29	
506293	7/19	Washington	Y&P - Copy of action to Nav. Academy. 8/2 W Arrangements made with GE Co. cov replacement without charge, of current transformer. W.	
494526	from 48		To M Island (T) endeavor equip for test any suitable ships available 7/21 15th Dis-copy report on test 7:26 W To Bar Harbor (T) 7-28 To E.I. (T) 7-28 To Annapolis (T) 7-28 To Bar Harbor (T) 7-28 Bar Harbor- Copy - report on test. 8/2 W Bar Harbor Report on test. 7/27 W First Dist. 8/3 W Bar Harbor- report on test. 8/4 W. To Communications 8/24	

FRANCE ANNAPOLIS

Number.	Date.	From or To—	Subject.
501552	6/16 6/24	Annapolis Sta. Washington	Subm report on test made 6/13 W
501658	6/25	Annapolis Sta.	All work in conn with sweet fuller experiments stopped 6/21. W.
501926	6/16 6/26	Annapolis Washington	Progress report on water settling tanks on concrete gutters. W.
502258	5/29 Y.A.D. 8/5	Washington	Proposed station of anemometers at Annapolis Station - was estimates and Weather Bureau report on average three air conditions at Drexell, Delr. W S.A. 7/2 ME 7/12 W No Y.A.D. 7/2
502343	6/29	Nav. Attache Rome Copy	To CG at Washn. no further action at present 7/16 Radio communications with the Annapolis partly interrupted. W.
502507	6/30	Fed. Co. (7)	Asst. Dir. Dept still intends to commandeer S.M. 10 ave for Annapolis Sta. W.
502516	6/25 6/30	Annapolis Washington	All work in conn. with sweet fuller experiment stopped 6/21. W.

Number.	Date.	From or To—	Subject.
✓ 502665	6/2 5/30	Naval Academy Washington	Request station be furnished with furniture listed for married men's quarters. W. Fwd SEA via Y&D 7/6
502729	6/23	Western Elec	Letter of introduction G.F. Beeble French Enger who wishes to visit Arlington and Annapolis stations W 841
✓ 500950	7/3	To Y&D	Reqt attached plan covering remodeling of Marine Barracks at Annapolis be reviewed and comments fwded rel cost. \$8,000.00 Authorized W Fwd Yds & Docks 3/24
503369	6/24 7/3	Annapolis Washington	Progress report on work undertaken by Dept of Building and Grounds. W.
503370	6/23 6/3	Annapolis Washington	Request authority to hire 6 addtl temporary laborers for instructing and building side walks, etc. W. Fwd Sec 7/8 RB 7/16, authorizing K to make on employment of laborers during summer months 7/23 Report on receipt of material at Annapolis from San Diego. W.
503762	6/28 7/6	Annapolis Washington	
504361	7/9	Y&D	Return balance of appropriation cov installn of cutters. To Y&D allotment made 7/14 copy Annapolis W Y&D copy of action to Naval Academy. 7/30 W

FRANCE ANNAPOLIS

Number.	Date.	From or To—	Subject.	
495357	4/30 5/22	Annapolis Washington	Request re-painting of all buildings be started until after 7/1.	not W
495421	5-28	To Annapolis	Permissions granted Mr. Charles Speaker radio aide of Bur Standards, to visit station on May 29th. W To P. Solenberger Naval Observatory- grants permission 11/30	
497035	6-3	To CO Annapolis Station	Permission granted Lt. Bowden to visit station. W	
498075	5/17 6/5	Annapolis Station. Washington	Necessary to shut down station to clean main water supply tank on 5/17.	W.
498166	5/17 6/7	Annapolis Washington	To motor generators complete, recd from Westinghouse W/M Co. To Comdt Washn- \$139.00 authorized 5-11	W.
498434	6/2 6/8	Annapolis Washington	Report of operations for month of May.	W.
498435	5/24 6/7	Annapolis Washington	Progress report made by Public Works Dept. W.	
498437	6-11	To Comdt Washn	Approves install of seven station two trunk line, Cordless monitor switchboard, having full supervision on all stations.	W

Number.	Date.	From or To—	Subject.
499248	5/10	Annapolis Sta.	Subm report on Navy drinking water
	6/12	Washington	at Annapolis Station - request be remedied. W
	Y&D- Copy of action to Naval Academy 10/12 W.		Fwd Y&D 6-22 RB 6/30 W
	Y&D- 10/19 W		Fwd Y&D 7-28
			Fwd 8/20 W
			Fwd Washington 8-28 cop Y&D RB 10/6 W.
499562	5-16	To Annapolis	Permission granted Mr. Frank Conrad and Mr. Quinton Adams to visit station W
500013	5/15	Washington	"Ecom ends hot well for main boilers at Annapolis station, be removed and reinstalled at rear of main boilers and all defective piping be renewed. W.
500021	5/16	Annapolis Sta.	Subm report covering cleaning of dirt and water from #202 oil cooling tank. W
500088	6/17	Annapolis Sta. Copy	Request boiler maker, D.A. Brown be sent from Washington Yard to repair pin holes in #1 arc. W.
500950	5/10	Annapolis Sta.	Request Naval Academy be authorized to estimate cost of remodeling present marine barracks. Subm Sketch. W.
	5/22	Washington	To Y&D 7/3 RB 7/14 with print W.
	Y&D Request addtl allotment 2/11 W		Fwd Y&D 7/16
	Fwd Y&D 3-17 RB 3/18 W		Y&D 7/22 Copy of action to Nav. Academy 7/22 W
	Y&D Copy of action to Nav. Academy 3/18 W		
	Y&D Copy action to Nav. Acad. 3/28 W		
	Fwd Y&D & Decks 4/16		

FRANCE: ANNAPOLIS

1920

Number.	Date.	From or To—	Subject.	
492077	5-10	To Officer in charge Annapolis	Members of Danish Comm will visit station. Reqst give information he may desire.	W
492078	5-11	To Officer-in-Charge	Members of British Radio Comm., will visit station. W To Comdr H. Schladermann. Permission granted to visit station 5/11 To Capt Faber. permission to visit 5/11	
492271	5/10 5/11	Annapolis Naval Academy	Just steam driven turbo generator set be removed, of no further use. and Wash 5/14 RB 5/20 W.	W.
492909	5-13	To L.F. Fuller, Amer & British Mfg Co.,	Draw plan of Annapolis carbon drive motor cast iron bracket. W	
493440	5/12	Memo for Comdr Hooper	Subm approximate cost data, Annapolis Sta. W.	
493235	5-14	To Off in Charge Annap.	Permission for visit of Mr. Hanson. To M.G. Hanson. permission 5/14.	W

920 - 1

Number.	Date.	From or To--	Subject.
494307	5/7 5/17	Annapolis Sta. Washington	ask if Bur contemplates instln of a over- head power trans. lssn on line in addition to one already installed. To Comdt Washn via V&D- auth given for repairs under conditions outlined 6-4 W.
494306	5/7 5/17 Annapolis 5/27 W	Annapolis Washington	Subm report of burning out of currents - transformer used in conn with recording att meter due to being grounded. Annapolis 5/17 W. Washington 5/22 W.
494382	5/13 5/18	Annapolis Washington	To Comdt Washn- suggests take up with GE 5-26 Subm report on operation of station, current use, to data. W.
494626	5-20	To L.H. M.I. Balboa Cordova Bar Harbor	(T) Observe signals Annapolis 5/25. W copy to Com Comdt Washn and Annapolis To Annapolis- (T) rel test- 5-20 copy Comm and Comdt Washn
51	6/14 6/21 6/21	15th Dist- Copy- Report of test. 15th Dist- Copy- Request action. 6/14 To Annapolis (T) 7/16	Cordova- Copy- report on test. 5/26 W arrange and copy- report on test. 5/26 W. (T) report on test. 5/26 Balboa (T) report on test. 5/26 Pearl Harbor- Copy- Report on test. 5/26 W
494635	6-21 6-21	To MI (T) 7/16 To Bar Harbor & Balboa (T) 7/16 To MI (T) 7/16 To Comdt Washn Washn. Report on cleaning dirt and water from arc cooling tank. 6/24 W	Washn. 6/8 W. To Annapolis (T) arrange same test for 13th 6-10 Report re port repairs made to arc chambers to correct water leaks, station Annapolis W Washington 6/7 W Washn- was corresp. with report on attempting to patch over cracks in arc converters. 6/21 W have notified director general telegraph schedule between Annapolis and Stavanger for U.S. and Norway Govt. traffic. W
495183	5/22	Radio Corpn of America-	

ANNAPOLIS

Number.	Date.	From or To—	Subject.
489170	4/22	Annapolis Copy	Cleaning and drying oil tank portable completed
489408	4/23	Annapolis Copy	Arc field coil tank placed in commission.
489151	4-24	To Co. at Washn Fed. Tele. Co. 5/14 Fed. Tele. Co.—Returns power charts. 5/1 W	Rec'd two recording ammeter charts showing current delivered to arc for three days during Feb March April 1919. W RS 5/11-W Annapolis (T) ask if records can be sent. 5/4 W To Fed Co. for ammeter and voltm charts 5/13 To Annapolis returns charts 6-4 Arc patch in 2 arc chamber leaking; will try to electric weld.
491149	4/27	Annapolis Copy	
490729	4/29	Annapolis Copy	Subm estimate covering trimming trees, etc by R. Connely. To Annapolis auth granted (T) 5/1
490781	4/30	Annapolis Copy	Patch completed on No. 1 arc chamber - W
490777	4/29	L. F. Fuller T	Are sending Engineer Richard Kent to Annapolis Station - W
490996	5/1	Annapolis Copy	Work on patches finished and satisfactory test completed. Annapolis- Copy- Patch water tight. 5/1 W

FRANCE ANNAPOLIS

1926

Number.	Date.	From or To—	Subject.	
✓ 490308	4-30	To Annapolis	Authorizes visit of Mr. A. Forbes. To A. Forbes, permission to visit station at Annapolis 4/30	W
✓ 490307	4-30	To Md. State Roads Comm.	Asks advice in re to plans for replacement of bridge at Annapolis. W	
70	Y&D 6/12 W	To Annapolis via Comdt Washn	Md State Roads Com will start constr of bridge next fall - 5/5 - W	
		fwd copy of letter 6-17	To State Rd Comm. necessary action will be taken 5/11	
State Roads Com-Balto.		fwd prints showing	red Y&D 5/11	
proposed bridge across Severn River at Annapolis			Authority granted for inspection made by W.B. & A. W	
489774	4-27	To Annapolis (T)		
491617	4/30 5/4	Nav. Academy	Temporary instln of settling tanks for im- proving water system; submit recommendations covering	W
✓ 492171	4/29 5/6	Annapolis Sta. Wash	Constr of new concrete bridge over Severn river will necessitate removal of 2 power cables under river - W	
✓ 492298	5/7	L. F. Fuller T	Reqt fwd print of carbon drive motor cast iron bracket - W	
491959	4/30	Inspr. Fed.	Copy of letter to Insp. GE fwding copy of order placed with GE Co. for top section of generator panel, Annapolis Sta.	W

FRANK: ANNAPOLIS

1920

Number.	Date.	From or To—	Subject.	
486513	4-12	To War Dept. Major Matterer,	Permission granted party to visit station at Annapolis. W To Annapolis. Request party be allowed to inspect station 4/12	
486521	4-13	To Washn	Development of high frequency ammeter for use Annapolis not warranted at this time. W	
488039	4/17	Annapolis Copy	Spare arc chamber ready to install if necessary: condenser work nec.	W.
488510	4/19	Annapolis Sta. Copy	Nec to place station out of commission to examine trouble in oil tank	W.
488512	4/19	Annapolis Sta. Copy	Station out of commission due to 11 arc chamber.	W.
488555	4/17 4/19 8/18 Washn 8/17	Annapolis a 1 station Yd Washn- report on power failures 6/2 W	Reports on power failure. 4/8. W. To Annapolis. need not report unless extend over 10 minutes 4-2 Washn- report on power failure on 6/5 W 6/14 Washn- Report on power failure 6/2 W 6/14	
488604	4/20	Annapolis Copy	Subm report on progress in draining oil from #2 field coil tank.	W.

Number.	Date.	From or To--	Subject.	
488796	4/12 4/19	Annapolis Washington	Report covering power failure on 4/12. W.	
488804	4/21 and Y&D	Y&D 5/14	Subm report covering saving effected from appropriation to build electric transmitter line. Washn. Subm suggestions covering carrying across Severn River. 5/10 W.	Leads
488872	4/11	Annapolis Copy	Will have #2 field coil tank completely cleaned night of 4/21.	W.
488537	4-21	To Comdt Washington	Reest estimates covering installation of Intersol Rand air compressor and motor at Annapolis in conn with installation of Norfolk high speed relay key. 8/7/14 WW To Annapolis via Washn rel instal of Intersol Rand compres sor and motor 7/6 cc Y&D Y&D - Copy of action to Nav. Academy. 8/22 W	
488756	4-21	To G.C. Sweet, Emer., Radio Power Corp., Radio Power Corp. or n- 5/11 To 3010 607 n- 5/11 of 5/11 5/19	If your interests will allow complete disclosure of technical details of proposal will be glad to discuss apparatus and assure you will not interfere with patent claims in this or other countries, as will not be made public. To G.C. Sweet- confirmation of understanding reached in conference on 4-21- gives summary of 4-22 Comdr Sweet and Mr. Fuller arrive 9.30 tomorrow. for inspection of equipment station. W	A
488548	4-22	To Annapolis (T)		

FRANCE ANNAPOLIS

Number.	Date.	From or To--	Subject.	
480474	2/26 3/8	Annapolis Washington	Subm report on power failure on 2/26.	W.
480808	3/9	Bar Harbor	Fwds samples of photographic tape taken on Annapolis High speed sending.	909
481429	3/13	Annapolis	Copy Necessary to get out of commission 3/12 due to South East wind.	W.
482652	3/13 3/19	Annapolis Wash	Submits type number of main line contactors installed - W	
482443	3/23	To Annapolis	Permission for R. Anderson and Mr. D. Bason visit station- Reqst for. copies D. Bason	W
483761	3/17 3/24	Annapolis Sta. Washington	Subm report on explosion in #1 arc.	W.
484027	3/24 3/25	Washington Naval Academy	Subm commendations for personnel, Annapolis station, covering risks and hardships taken to put station back in commission, damaged by recent storms and high winds. X Fwd Nav via Secty 4/3 (commending personnel in conn repairs at Annapolis)	W.

Number.	Date.	From or To-	Subject.	
299209		FROM CARD 1	Fwded S&A- 4/2	
485053	3/29 4/1	Annapolis Sta.	Subm report of power failure on 3/28	W.
485491	4-5	To Annapolis	Fwds copies of Fed Co's radio maps as req'd. W	
485497	4-7	To Im NY error	Fwds copy of direction finding tests conducted on Hills, by Rene Mesny-	W
485504	4-7	To Annapolis via Cdt	Advise rel receipt of air compressor shippt from FSB to Annapolis on Feb 17 th. W Annapolis 4/14 W	
486827	4/6 4/9	Annapolis Washington	Request authority to hire two addtl labors for work around grounds, W Sec 4/14	W.

FRANCE ANNAPOLIS

1920

Number.	Date.	From or To—	Subject.	
476762	2/18	Annapolis Copy	Status of repairs. p	
477035	2/18	Annapolis Copy	Subm report on status of repairs.	W.
477291	2/20	Annapolis Copy	Subm information rel to work to put station in commission.	W
✓ 477145	2/19	Annapolis Copy	Subm information rel to pay of civilian firemen at Station. <u>KW X635 - 3</u>	
477488	2/21	Annapolis Copy	Progress report	W
✓ 7 447320	2/21	To Annapolis (T)	7321: regst conveyance meet two Bureau representatives Feb. 23, electric car arrive ten thirty A.M. W	

Number.	Date.	From or To—	Subject.	
✓ 477548	2/22	Annapolis Copy	Station in commission.	W.
✓ 478394	2/27	Annapolis Copy	Current readings in towers will be taken when opportunity presents itself	W.
478221	2/27	To Supt Naval Acad via Cat Wash	Alcohol- advises gal to amount used at Pearl Harbor. copy officer in charge	
479734	3/3	Annapolis	Exds specimens of test made on Annapolis high speed transmitter set.	W
✓ 479259	3/3	To Annapolis	Authorizes visit of Interdepartmental radio board to radio station, Lt. Car E.H. Loftin and party. W	
✓ 479460	3/6	To Annapolis	(T) 7306 your 2004 1545 Buseng will furnish plans of sixty kw Tuckerton arc to Puget Sd W	

BRANCE ANNAPOLIS

Number.	Date.	From or To	Subject.
✓ 473696	1/31	Washington	faults and difficulty encountered with present type of antenna and suggestions for new design: submit sketch, report and correspondence cov. 1/875
			To Cdt Wash 2/16
473032	2/2	To Comdt Washington	Alterations to antenna to prevent accumulation of ice. W Wash - 3/19
474034	2/4	Annapolis Copy	Submit report of damage to towers caused by high wind.
	2/9	Annapolis Copy - Report on repairs.	Annapolis 2/4 - Copy
	2/10	Annapolis Copy - progress report	Annapolis 2/4 - Copy progress covering assembly of material. 2/5
	2/13	Lat Sta Copy - progress report	Annapolis - Copy - progress report. 2/7
	2/14	Annapolis Copy - Report on repairs.	N.Y. (1) - Repairs are being made. 2/7
✓ 474107	2/4	Fed. Tele. Co.	Request authority to have photos taken of parts listed of radio install at Pearl Harbor and Annapolis.
		To Annapolis. 2/17 copy Sup Annap and Cdt Wash	and Annapolis.
		Fed. Tele. Co. - fwd photos of Annapolis station. 5/18 W.	and Intelligence 2/7 RB 2/14
		Lat Sta 5/30 RB 5/18 with photos W	To Cdt P.H. 2/17 To Red Co. grants
474225	1/30	Annapolis station	To Red Co. 2/17 copy Cdt PH Annap permission 5/24
	2/4	Washington	Submit report of ice melting at station.
474260	2/2	Everyday Engr Magazine	Request photos of Annapolis station.
	2/5	Communications	and Naval Intelligence 2/24 RB 3/4
			To Everyday Engr Magazine 3/8

Number.	Date.	From or To—	Subject.	
474367	2/5	Annapolis	Subm report of power failure 2/4	W.
474939	1/15	Wireless Press, Limited Annapolis	Fwds form for certain information in conn with Annapolis Sta. fwd Intell via DNC 2/11	W.
475105	2/9	Washington	Fwds floor plan of power house at Annapolis. To Cdt Wash. 2/25	W
475145	2/11	To Dr. L. Cohen	Grants permission to inspect equipment Annapolis. copy Officer in charge Annap.	W
476304	2/15	Annapolis Copy	Subm report of trouble at station which may prevent commissioning by 2/20.	W.
476457	2/16	Y&D	Fwds specifications covering radio bldg at Alpena, Mich. and water tanks and towers at Annapolis Sta.	W.

BRANCE

ANNA POLIS

1920 1920

Number.	Date.	From or To—	Subject.
469280	?	P. T. Maxey ✓	Request data be turn for series of articles to be published in conn with fuel oil burning electrically driven battle-ships and wireless towers, at Annapolis. To T. T. Maxon 1/28
469455	1-17	To Annapolis Radio Sta.	Measurement of tower current. copy to Wash. yard. W Annapolis—no hot wire ammeters at sta. 1-27 Annapolis—report on tower current failures. 4/7 W To Bur Stds—fwd copy of letter 4-10
469456	1-17	To Annapolis Sta	Granting permission to Messrs J/E/ Smith and C.E. Cavanaugh to visit station. copy to J.E. Smith. W
470994	1:17	Bar Harbor	Submit report on reception of annapolis high speed transmitting test at. Bar Harbor. W Fwd Annapolis via Wash. 1-24 RB 2/4
470838	1-22	To Key West	Reqt for report on the strength of signal received from the Annapolis Station. W Key West-1;27
471677	1:2 1:23 Y&D 2/5 fwd Y&D 2/7 Y&D—Copy of letter to GE Co. 2/6 To Annapolis via Cat Wash 2/10 Mare Island 2/17 To GE Co 2/27 To Amp via Cat Wash 2/27	Annapolis Station Washn	Submit report of oil leaks in transformers—GE Co should repair. W M IS-T-reqt auth to approve work in advance of estimate-1;27 To Y&D 1/26 To MI (T) 1/26 fwd Y&D 1/27 RB 2/26 Y&D-1;29 To MI (T) 1/29

920-1:FRANCE: ANNAPOLIS:

Number.	Date.	From or To--	Subject.
✓ 472237	1:17	Annapolis	Submits report on high speedway test.W
470464	1/26	To Supt Naval Academy Annapolis	Arrangements for removing ice from antenna. W copy Cdt Wash and Officer in Charge
472079	1/28	To S&A RB 3/25	Reqst shpmt from Annapolis to Washington 225 hydrogen cyls one Burdett manifold w connec DA To S&A Reqst shpmt from Wash to Annapolis avia mtr 1/28 To Annapolis 1/29 Annapolis 3/5
472757	1/29	Fwd Asst Secty	Recommends adjustment be made- damage to automobile with Annp truck W
472784	1/29	To S&A	Reqst shipment from Fleet Base to Annapolis 25 boiler tubes, Wh RB 3/5
✓ 473383	1:30 To GE 2/16	BE Co	Submits information re causes for difficulty with main line conductors mounted back of switchboard.W Fwd Cdt Washington 2/4 RB 2/11
52	1:30 To GE 2/16	at required rating 4-20 Recommends arrangement of two in series, be adopt- ed. 5/21 inspr GE- fws co. tractors prints 6/17 W	Subm estimates. 4/15 W:

FRANCE ANNA-POLIS

1920

Number.	Date.	From or To--	Subject.	
467814	12/30 1/7	Annapolis Washington	Experimental graphite electrodes, have been recd from Federal Tele. Co.	W.
467815	12/29 1/7	Annapolis Washington	Request insirns covering shipment of anode tips and carbons To Annapolis Sta-shipment of anodes and carbons to be made to E. Is. copy to Supt. Academy and Wash. 1-10	W.
467816	1/2 1/7	Annapolis Washington	Report covering receipt of 45 relay keys.	W.
467958	1/5	Institute of Radio Engrs.	Request information as to average antenna currents during certain periods, Aug. 5 and 7th, 1919. To Annapolis Sta- Rqts information. copy to Wash. 1-9 To Annapolis Station. 1-21 Annapolis Sta-1:22 To Comm. 1/27 Washington- Report on average antenna currents. 1/4 Report on power failure, 1/4.	W
468342	1/5 1/10	Annapolis Washington		
468840	1/6	To Annapolis Sta.	Visit of representatives of F.T.Co. to.	W. 920

Number.	Date.	From or To—	Subject.	
462514	FROM CARD 39		Washington 1/9 To Annapolis— Advise between what periods power failure occurred. copy to Comdt Wash and Supt of Nav. Acad. 1-12 Annapolis station 1/14 Washington 3/20	
468344	1/3 1/10	Annapolis Washington	Report on receipt of loading coil connectors and relay keys. To— Directs appvd bill covering loading coil. 1-13	W.
468794	12/30 1/9	Washington Nav. Academy	Inspection report for quarter ending 12/31/19 To Y&D. 1-12 copy to D.N.C-WASH—Off. in Charge Annapolis o Wash yard 1-12 copy to Supt. and Off in cha of radio station Annapolis. 1-32 To Y&D. 1-12 copies to above. Y&D 1/4	W.

FRANCE ANNAPOLIS

Number.	Date.	From or To	Subject.	
465916	12/19 12/27	Annapolis Sta. Washington	Subm report of power failure on 12/18 due to melting of ice off antenna, 12/19. To- Calls attention to necessity for maintaining satis power service. copy to Annapolis- Wash- Radio Sta Annapolis. To WB&A Co. reqst action. 8/20 copy to Washn Annapolis 8/20/20	W. 12-30
465914	12/22 12/27	Annapolis Sta. Washington	Subm report of melting of ice off of antennas.	W.
461320		FROM CARD 39.	New York- Recommends 4 or 6 wire leaded and armored cable on temperature indicating device at Sayville instead of a 3 wire. X 920-8	
467812	12/30 1/7	Annapolis Washington	Burning out of current transformer- report covering. To Comdt Wash- 1-10	W.

Number.	Date.	From or To--	Subject.
✓ 466009	12/29	Annapolis	Request information as to purpose for which relay keys were read at station. W. To - Regts fwd relay keys and box of spare coils to Wash for inspection and test, which were received from Lowenstein Co. copy to Supt Annapolis and Wash Yare. 1-2
✓ 466045	12/29	Wireless Press	Fwd proofs of article describing Annapolis Station which will appear in next issue of "Wireless Age". Returns photos furnished. W. Fwd S.N.I. 1-5 Dept. authorizes 1/8 To - Regts copy of magazine containing article. 1-20
✓ 466073	12/30	Washington	Recommends two ton Ford truck now at Research Lab., Bur. Standards, be transferred to Annapolis Station. W. Fwd I&D. 1-3 copy to Annapolis station - and Wash. yard. 1-7 Fwd Wash. Id. 1-8 RE 1/19
466934	1/3	Annapolis	Copy of letter to Washington requesting manufacture mica washers. W.
✓ 467172	12/29 12/31	Annapolis Washington	Request information as to disposition of 100 hpDC motor. W. To Annapolis Station - Regts shipment of unit to M. Is. copy to Supt Academy and 1 Is.

REPORT: ANNAPOLIS

Number.	Date.	From or To—	Subject.	
457515	11/18	To S&A	Re:st shipmt from Washington to Annapolis 25 radio arc carbons and 6 radio arc anode tips. W RB 11-26	
458384	11/19	To S.A	Re:st shipmt from Washington to Annapolis radio apparatus. W RB 12/16	
458578	11/19	To Annapolis via Cdt Washington	In conn with ltr 455368 920-1 of 11/4/19 to Cdt Wash. alterations in sw wiring and work will be required Annapolis. W cc to Officer in Charge Annap.	other
461003	11/26	Fwd Wash. 1-14 Fed. Tele. Co. RB 2/15 Fwd Wash. 1-14 RB 5/22 W	Fwds preliminary proposition for operation of single wave signalling system for Annapolis Station. Fed. Tele. Co.— Fwds proposed method of single wave signalling system. W 12/8	
461320	12/3	Washington Savville. Asks size of conductors required. 12/16 To I.M. Ny. 12-22 copy to D.N.C.— Radio station Savville. 12-22 To I.M. Ny. 12-31 461832 12/8 To IM Norfolk	Investigation of methods for measuring temperature at top of Annapolis radio towers; relprt covering: To I.M. N.Y. 12/9 copy Wash and Savville Fwd Annapolis 12/9 To Cdt Washington 12/10 Authorizes \$1200. installn of signalling system at Annapolis, designed and mfg by Yd Norf. W copy Annapolis To Annapolis via Wash- rel above 12/8	W.

Number.	Date.	From or To—	Subject.	
462514	12/8	Annapolis	Calls attn to ice forming on antenna.	W.
TO CARD 41	12/20	Report on power failure.	Fwd Cndt Washington, copy to Officer in charge Annapolis. 12-15 RB 12/18	
To- W.B. & A. 12-23			To W.B. & A. Co- Repts give information re voltage failures and fluctuations. 12-19	
Cndt Wash and Surt Academy. 12-23 RB 1/6			Submits report of urgent need of boiler tubes and services of boiler maker - 12/9	
463131	12/9	Annapolis Sta		
	12/12	Wash		
462468	12-11	To StA	Reqt shipment duplex lead covered cable from Ny to Annapolis. W RB 1/17	
463950	12/12	Inspr Fed	Fwds copy of report of material shift covering electrodes and other material to Annapolis. W.	
464728	12-24	To Annapolis	Status of mfg of material Fed. Tel Co for Sayville. copy to Wash and Radio Sta. Annap. W	920
465916	12/20	Annapolis Sta.	Subm report of breaking down of insulating bushings due to melting of ice. W.	
	12/27	Washington		

FRANCE: ANNAPOLIS

Number.	Date.	From or To—	Subject.	
✓ 451097	10:2 10:11	Annapolis Station Washington	Reqst eight spare silver contacts be furn. To Cdt Washington- req furnish contacts cost of 5.86 reqst small repair items be made directly by D R M O 10/15 cc to Amp	W
✓ 451309	10:8 10:13	New Brunswick Com	Quarterly inspection report, week ending 4th.	W
✓ 451599	10:14	Com	Reqst auth to employ civilian laborers as firemen at Annapolis and Bar Harbor Sta. To Sec Navy - Fwd - 10:22	R
✓ 451969	10:11	Naval Academy (B C Gullen)	Askigs receipt of receiving set.	W
45112	10/20	To Annapolis	Reqst installn of motor generators be made immediately upon receipt of, fws prints showing wiring for high speed key system	WS 629

FRANCE ANNAPOLIS

Number.	Date.	From or To—	Subject.
455045	10/28	To Annapolis	Reqt mail to Bureau Bureau polar type relay used for expr work. cc to Wash and Officer in Charge. W
455047	10/28	To Annapolis	Advise Reqn 108 to GE Co for 6 110,000 volt insulators for del to Station for use as spares. cc to Wash and Off in Charge
455368	11/4	To Washington	Reqt Yd undertake mfg of wooden platform and two to Annapolis. Also supply labor necessary W To Annap (T) carpenter auth for ten days 11/19 to Annapolis (T) 11/2
457186	11/13	To Y&D	Installn of addtl water line at Annapolis. Reqt expedite. W RB 12/15 cc to Col Wash and Officer Charge Annapolis Fwd Y&D - copy to Wash-Annapolis-Naval ra to Station Annapolis. 12-17
457900	11/13	Annapolis	Copy of letter to Communications in conn with inability of Report Bd., Naval Academy to obtain civilian firemen; request Bureau take necessary action. Wk.

1919

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FRANCE: ANNAPOLIS.

Number.	Date.	From or To—	Subject.
447227	9:23	Annapolis	States cost of repairs GMC 3 1/2 ton truck excessive, reqst Bu furn station with new truck. W cc to Y&D. Y&D provide truck for Annapolis 10/1 cc to Cdt Washington Y&D—Can furnish allotment of \$1,500 10:11 To Annapolis, approves repairs, req subm req for same 10/15 cc to Y&D and Cdt Wash
447398	9:23	Annapolis	Bug concerning work done on bungalow. W
447396	9:23	Annapolis	States original shipmt of carbons by Fed Co were received in broken condition, reqst another shipmt be made. W To Insp Fed—req supply addtl set of carbons for test Annapolis 9/26 cc to Wash Cdt Insp Fed. Have requested contractor to supply addtl set of electrodes. 10:29 To Annapolis—Fwd. 10:31 To Cdt—Request termination of cont be made as soon as material is inspected. 11:1 Rees adequate drainage in vicinity of garage. W Fwd Annapolis via Cdt Washington 10/1 RB 10:16 cc Y&D 10/17 cc to Annp Cdt Wash Received back 10:22 Calls attention to care to be taken of antenna system station Annapolis, during sleet storm. W
447516	9:23	Annapolis	
449655	10/9	To Annapolis	

Number.	Date.	From or To	Subject.
447516	9:24	Naval Academy	States spare Cathode Sheath leaking request arrangements be made with Fed Cd to remedy defects. W fwd Washington 9/26 To Annapolis- req fwd to Test shop Wash 10/7 cc to Cdt Wash
447699	9:25	Naval Academy	Report on the breaking down of the main concrete roadway on radio station reservation, W fwd Wash 10/2 RB 10:11 fix Y&D 10/16
447320 see card 44			
447108	9/25	To Polish Natl Comm., ~~Washington, D.C.~~	Fwds description of station Annapolis request upon visit to Bureau. W
448553	9:29 9:30	Annapolis Sta- Naval Academy	Asks if Bu will order feeds for area. W fwd Cdt Washington 10/3 RB 10:9
450159	10:1 10:2	Annapolis Washington	In con with work done on bungalow. W To Annapolis via Cdt 11/22 cc to Officer in Cdr's Nav. Academy- Request two knock down binoculars be furnished. 12/17 fwd Ordnance via Y&D- copy to Annapolis- Wash yd- Radio Sta, annapolis. 12-22 RB 1/5
		Fwd Supt Annapolis. 1-6 RB 1/13 To Wash- Fwd copy of End. 1-7	

BRANCH: ANNAPOLIS.

Number.	Date.	From or To--	Subject.	
✓ 440691	8:19	Coast Insp'r Pool Engr Co	Copy of letter to Annapolis, request fwd material orders to Bu for approval.	W
✓ 441633	8:20	Insp'r Fed	Fwd's report of material shipped cov lamps to Annapolis. W	
442362	8:26	Insp'r Fed	Asks if material ordered rec and approved. W fwd SEA 9/10 RB 9-16 To Insp'r Fed- mat'l orders were approved and fwd to Coast Insp'r 8/13- 9/18	
✓ 422777	9/5	To Comdt Phila	Shipment order being issued covering shipment of arc set removed from Tuckerton Radio Sta Phila to Annapolis W To Annapolis- asks when equipment rec'd 9/5 To SEA for ship from Phila to Annapolis equipment c/o RB 10:23 To Phila (T) 10/3 Phila-Tel- 60 hr arc set removed from Tuckerton shipped to Annapolis. 10:5 Phila-Arc set shipped to Annapolis 9:27 Naval Academy- 10/27	

FRANCE: ANNAPOLIS

Number.	Date.	From or To—	Subject.	
443993	9/4	Annapolis	Edw's anode tips out in half as rest by Expert Radio line Pratt. W	898
445242	9/15	To Annapolis	Advises Mr. C.L. Farrand of Liberty Elec Co. authorized to witness equipment while in operations. W cc to Washn Odt To Annapolis— confirms verbal phone conv of 9/16 re above 9/18	
445970	9-12 9-16	Marine Corps Annapolis	East auth to tap Govt Electric light line to high power radio sta to supply lights to barracks. W and Annapolis 9/20 RB 10:11 to Annapolis— gives lines to follow regarding high power radio station to sup lights to barracks 10:14	
✓ 446213	9-18	Federal Telegraph Co.	Pay rolls covg labor at Annapolis Radio Sta between dates of 3/15 and 5/11— Edw's for approval. and Fed via S&I 9/23	W
446370	9-16 9-18	Wash Yd Naval Academy.	Quarterly inspection Radio Sta Annapolis. To Wash Yd— action taken 9/26	W

FRANCE: ANNAPOLIS.

Number.	Date.	From or To—	Subject.
438087	8:2 8:8	Cost Insp Pool Engr Co Annapolis	Fwds material orders. W
438703	8:8	Fed Tel Co	Calls attention to cooling water which may cause damage to arc converters.
438911	8:8	Sol	Fwds copy of contract 1076 B with W B & A for elec current for Annapolis Station. Dist. if copies requested are nec. /15 W. Fwd Solicitor. copy to Comd Wash. 8-2
✓439347	8:1 8:8	MI 12th Dist	Fort Barry Compass Station, fwds prints of proposed location. W

FRANCE: ANNAPOLIS

Number.	Date.	From or To—	Subject.	
438689	8/13	To Y&D	Allots sum of \$5500.00 for installing permanent steel settling tanks at Annap Y&D 10/29	W
439100	8;7	Inspcr Fed	Fwds report of material shipped cov 350 kw arc radio transmitters to Annapolis.	W 920
✓ 439572	8;12	Com	Water system for arc gen, fwds. diagram.	
✓ 440271	8;15	Y&D	Contract cov painting of towers due for completion within thirty days from date of bid.	W

FRANCE: A ANNAPOLIS

Number.	Date.	From or To—	Subject.
435142	7/29	To Annapolis	After conference with rep of Fed Co deems advisable to make alterations to water system. req info be furnished, cc to Comdt Wash W
✓ 435144	7/28	To Annap.	Desires make arrangements with Station for experiment with Helium gas upon arrival of shipment. W cross to 736-12 cc to Wash Annapolis - Helium gas now at radio station grounds. 8:12
435568	7/22	Eveready Engr Magazine	Rec permission to publish article on Internatl Radio Co editorial and Western Elec Co tel sets on which one can transmit and rec with one antenna cross to Laf 919
✓ 436341	7:26 7:29	Annapolis Naval Academy	Mechanic employed by Fed Co was at Sta 7:21 and 22nd. performed no work because no orders were issued by Company. W
✓ 436461	7:29 7:30	Annapolis Naval Academy	Reqst auth to have four extra laborers for grading grounds. W To Annapolis, auth granted cc to Wash 8/7

Number.	Date.	From or To	Subject.	
436724	7:27 8:1	Cost Inspr Pool Engr Co Annapolis	Exds material order. AW fwd S&A 8/11	
437038	8:30 8:1	Y&D Dept	Contract cov painting of four towers at Annapolis due for completion before 17th.	W
437627	7:29 8:8	New Brunswick Com	Report on quality of sigs week ending 26th.	W
438088	8:7	Annapolis	Sub summary of material used on instal at Annapolis on cont 33244 W fwd 12th Dist via S&A 8/11	

BRANCH: ANNAPOLIS.

Number.	Date.	From or To—	Subject.	
✓ 432031	7:10 7:11	Annapolis Naval Academy	8 bbls of paint arrived for painting towers. no information as to when work will commence.	W
✓ 432508	7:12 7:12	Exe Naval Academy	Sub report cov sagging of ceiling in power house. Fwd Y&D 7/18 MB-9:11 Fwd Y&D 9/16	
✓ 433141	7:14 7:15	Exe Station Naval Academy	Fwd nipple taken from drain loop of steam heating system showing deterioration.	W
✓ 433561	7:16 7:19	Annapolis Joint Naval Academy	Reqst insulator be furn at once. W To Fed Co- req info re insulators for use Fed-8:20	Annap 7/23

FRANCE, ANNAPOLIS:

Number.	Date.	From or To--	Subject.	
✓ 433672	7:16 7:19	Naval Academy YED	Work on painting of towers will begin 21st.	W
✓ 433796	7:18	Annapolis Station	Copy of letter to W & A Rwy Co. directing them trim trees interfering with power lines.	W
✓ 433720	7/19	To 34A	Reqt shipt from Washington to Annapolis one audion control box, W RE 7:22	
✓ 434591	7:23	Annapolis	Tel-Contractor and 30 painters started work 23rd. W	
✓ 435048	7:22 7:23	Inscr Pool Engr Co Annapolis	Pods material order. W	

1919

FRANCE: ANNAPOLIS

Number.	Date.	From or To	Subject.
427669	6/24	To Officer in Charge Annap via Supt	Reqt four copies of instructions pertaining to opar of arc radio trans as compiled by Lt Laird W Naval Academy - Snds copy of instruc gov operation of the radio trans. 6/28
428193	6:23	Ber Harbor	Annapolis high speed test of #2nd. Snds sample of tape.
428195	6:23 6:24	Annapolis Naval Academy	Reqt 6 audion bulbs be furnished. To Annapolis Bu has reqst Wash to ship panel w six tubes 7/3 cc to Comdt Wash To S&A req ship from Wash to Annapolis bulb receptacle and vac tubes 7/14 RP 8:25 To S&A cane SO of 7/14 7/19 RP 8:25
429500	6:30	Naval Academy	Asks if Bureau will approve housing and feeding of coal men on station ground while towers are being raised. To Annapolis- Rep of Y&D will info contractors wishes in conn w housing and feeding of emp 7/3
429895	6:28 7:1	Seaville Com	Weekly progress report.

Number.	Date.	From or To--	Subject.	
✓ 431259	7:8	Naval Academy	Reqs W&A complete instal of transformer house. To W&A RR Co- Reg Co complete wiring on switch board in Transformer House, rel to painting radio towers at Annapolis. 7/12 W&A RR Co- Fwds order cov work. 7:14 fwd Y&D 7/22 To W&A A- referred to Y&D 7/22 Ship Ord of 5:9 RB 7:28 To Y&D- does not desire adutl work 7/29- RB 8:18	
✓ 431261	7:8	Naval Academy	Sub report of sand and water supply at station. fwd Y&D, 7/14	W
✓ 431522	7:7 7:8	Annapolis Naval Academy	Reqst expedite delivery of arc tips.	W
✓ 431586	7:10	Y&D	Contractor will start work 7:10 of painting four 600 ft towers. To Fed Co- painting commence few days 7/14 Annapolis- Copy work on painting towers will start 21st. 7/20 Annapolis 7:9	W
✓ 431594	7:10	Y&D	Fwds spec cov painting of four 600 ft towers.	W

1919

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FRANCE: ANNAPOLIS:

Number.	Date.	From or To—	Subject.	
✓ 425146	6:11	Bar Harbor	Fwds sample of high speed key test with report cov.	W
425944	6:13 6:16	Naval Academy Com	Sub report of inspec of Annapolis Sta.	
✓ 425580	6:12	Pool Engr Co	Fwds copy of material orders.	W
425382	6:12 6:12	Annapolis Naval Academy	Sub report on high speed key test.	W
✓ 424941	6-15	To Y&D	Reqt 3 ton dump truck be assigned for use Annapolis station for assistance in effecting transfer. W RB 6:21 To Annapolis req should be sub covering cost of hiring truck 6/24	

FRANCE: ANNAPOLIS

Number.	Date.	From or To—	Subject.	
425482	6-17	To SEA	Reg ship from New Brunswick to Annapolis 4 radio frequency meters. W RB 6:25	
✓ 426664	6:18	Norfolk	High speed relay key for Annapolis Station. and prints. D	
✓ 427777	6:20 6:20	Annapolis Station Naval Academy	Inadequate sewerage for drainage, sub rep with prints cov. W fwd Y&D 7/10 BW 10:4 To Annapolis- via Odt Wash- recs steps be taken to carry out instruc re above 10/7 RB 10:15 To Y&D- allotment of \$1500.00 made 10/9 go to Wash fwd Annap 10/17	
✓ 427764	6:20 6:13	Naval Academy	Sub report on condition at high power sta with recs as to sending men listed to sea. fwd Communications 6/28	
✓ 427746	6:14	European Force	Copy 2332 Tel-Orders for inspectors listed have no endorsements as to date of report at Br, reqst instruc. W	

FRANCE: ANNAPOLIS

Number.	Date.	From or To—	Subject.	
421557	5-29	To S&A	Reqs ship from Phila to Annapolis, testing set for measuring resistances. W RB 6:2	
422422	5:28 5:29	Annapolis Naval Academy	Re: st copy contract 3445 with Fed Co cov instal of duplicate arc set. To Annapolis— fids copy of contract 3-5	W
421567	5-29	To S&A	Req ship from Norf to Annapolis loud speaking telephone W RB-6:16	
423113	5:2 6:3 Fed Co 8/15	Annapolis Naval Academy	Incomplete and defective parts of a p under Fed Tel Con cont 33244 and 34445, sub report cov. To Fed Co— gives details need attention of Company 5-7	W
423112	To Fed Co— acknwd rec of draw 9/4 To Annap- fwd drawings 9/4 go to Odt Wash- Annapolis States ltr cable not yet rec. 9:23	8:16 9/4 lts	Fed Tel Co— Detail comments with sketch. To Annapolis via Odt Wash— comments on ltr by Hard and high speed transn key, report cov. To Annapolis— held in abeyance 6-7	8:6 W
426702	5/23 5/28	Cost Insp Fed Fwd Annapolis	Fwds for approval. W Fwds for signature approval matl orders Fed Co, re: st return correspondence via Cost Insp Balto. W R.B. 6/3	920

1919

Number.	Date.	From or To—	Subject.	
422926	6:3	WB&A RY CO	Asks if will renew agreement cov furnishing Elec power to Annapolis station. Twdded Jaa 8-6	
422777	see card 36			
423446	6:4	Annapolis	Report of inspec of painting of towers by Sherwin Williams Co.	W
423498	6-7	To Annapolis	Fwds instruc book for use station Fed Tel Co. W	
424489	6:6 6:10	Annapolis Station Naval Academy	Asks who will retube boilers at station. To Annapolis- info reqst 6-13 BB 8:30	W
424739	6:10 6:11	Annapolis Naval Academy	Reqst authority to hire five laborers to be employed to work around the grounds also employment of dump truck. To- Prov-1 of 6-16	W

14:10

29 ✓

File C:

Number.	Date.	From or To—	Subject.	
413480	4:22	Annapolis	Strength measurement test, submits report with chart.	W
414164	4:24	Annapolis	Recs from 500 ft tower at station be painted by contract. 5/2 R B 5/15 To YAD - rec'd bids be anchored for work at Annapolis at 5-26 RD 6:40 Rwd YAD 6/28	W
414567	4:26	Annapolis	Reports receipt of wave length indicators	W
415943	5:2	Annapolis Station	Submits report of special key test held 5:1	W
415859	4:26 5:3	Sayville Com	Weekly progress report.	W

1010

Number.	Date.	From or To—	Subject.	
417503	5:9	Annapolis	Reqt disposition of condemned structural iron work on hand. Fwded Yd 5-19 RB 5:22 Fwd S&A 5-23 T o A Annapolis- S&A req ship condemned iron work to yd 5-23 S&A-Copy of shi mt order conv angle irons etc. from Annapolis to Yd.	W
417832	5:12	Inspr Pool	Fwds material order for Fed Tel Co. Fwd Insp Pool Engr Co. 5:16 RB 5:23	W
418891	5:15	Annapolis	Reqt wheatstone bridge for use of exp work.	W
419504	5:19	Cost Insp Pool Engr Co	Fwds material order.	W
419667	5:22	Inspr Fed Tel	Have reqt MI to express tips. Fed-Reqst Co be instructed to replace material. 5:22	W
420702	5-23	Cost Insp Pool	Fwds matrl orders of Federal Tel Co - A-W	
420819	5-23	Annapolis To S&A- Fwds reqt rees bids be obtained from firms 8-9	Reqt fire fighting app listed be furn- To Annapolis- autho sub rean covering purchase of chemical wagon equipment 5-23 Naval Laundry- Fwds reo for fire fitting app. 6:5	W

FRANCE:

Number.	Date.	From or To—	Subject.	
409143	3:31 4:2	Copy Insp'r Engr Co Annapolis	Revision of installation and other cost contracts 33244 and 34445 with Fed Tel Co. req instruc cov.	W
408361	4:4	Annapolis	Req BU have Fed Tel Co complete uncompleted work on contract at station.	
408338	4:5 4:4	Annapolis Com	Regarding volt meters and ammeters. Asks if charts taken from operation at Sta.	W
409472	4:7	Annapolis Station	Submits report of total calls run on each new and type developed at Station.	W
409584	4:4	Cost Insp'r	Req disposition of 24 additional hand speed keys for Annapolis. asks if approved 65 speed keys.	W

FRANCE

Number.	Date.	From or To—	Subject.	
408626	4-8	To Annapolis	Fwds prints W	
409033	4-10	To Secty Navy	Reqst authority have key of Hallborg design constructed at Norfolk, expense \$2700. W	
405584	4-11	To Insor Fed Co.	Fwds copy of letter (4085774-920-8) to Fed Co. for info re 24 keys. W	
✓ 410556	4-12	Fed T 1 Co	Req permission to conduct test at Annapolis high power radio station on 15th. W Annapolis 4/15 - Fwds report on test of single wave system proposed by Mr. Miller of the Federal Co - (cross to Federal Co)	
412350	4-17	Annapolis	Report of power failure from WBA on 16th. W	

FRANCE:

1918

27

Number.	Date.	From or To--	Subject.
405542	3-26	To Annapolis, via Supt. Naval Academy 6/15 Fwds photos. W	Reqt prints of photos listed,- Annapolis-Fwds photos. 4:7 no Annapolis- has req when photo will be recd 5-13 RB 5:19 fwd Annapolis 5-24 RB 5:25 To Annapolis- reqt prints 5-28
405886	3/26	Bar Harbor	Fwds sample of tape in high speed test of Annapolis and non compensating eave test W 920-2
406622	3:29	Annapolis Tel	Reports on effect of gale upon radio tower. W
406259	3-29 cable Norf 5/22 RB from S&A 9:26	To Norf 4-21	Reqt info re estimated cost for two compl units embodying all latest improvements re arc relay key, tested at Annapolis- Norfolk-Gives cost of arc relay key. W 4:1 To Norf- sum of 2700 allotted 4-2 To S&A ree shipment from Sayville to Norf
405745 A	3-28	To Annapolis	Advices Bu is purchasing one gravity pole changer from J. H. Bunnell & Co to be used expr work at, asks acknow receipt W
407024	3:27	Annapolis	Report on ice melting, also light arresters. W Annapolis - Report on ice melting on antenna on 3:26 3:21

FRANCE

Number.	Date.	From or To—	Subject.	
406261	4-1	To Annapolis	Advises station will be furnished with anode tips to conform with drawing, for high power arcs, asks comments on performance of material.	
407720	None	Annapolis Station	Sub report of failure of 21st.	W
407764	4:2	Annapolis	Fwd's quarter ending 31st with report.	W
407489	4:1	Annapolis Tel	Req Fed Co ship 6 spare alcohol drip classes for arc.	W

FRANCE:

Number.	Date.	From or To—	Subject.	
402645	3:13	Annapolis Sta	Sub report of searchlights with rees using arc carbons.	
	To Annapolis	ap-method satis 5-12	to Fed Teleg Co report of success in re 3-20	
			To Fed Teleg Co fwds letter 3-20	
			Fed Tel Co 5:2	
			To Annapolis-- recst test ge made of electrode.	
			sub rpt upon compl 5-6	
403143	3:15	Annapolis	Annapolis 5:7	
			Sub status report cov instal of high speed Key System.	
403142	3:15	Annapolis	Sub report of arc gen transm to gen oscillation.	
401856	3/5	CO TEXAS	Req auth to use matrl left over at Annapolis on contract 39468	918
403986	a:16	Bar Harbor	High speed phot recorder from Annapolis test. Two roll of tape cov.	W
404335	3:19	Exp Station	Test 1195 Main report on test of platnoid metal for elec key contacts sub by Annapolis Station.	W

FRANCE:

Number.	Date.	From or To—	Subject.	
✓ 403969	3-21	To Fed Telg Co	Asks expedite repair to station Annapolis. now shut down acct adjustment of key system— Fed Tel Co 4;14	
403434	3-21	To Navgn via Buss	Orders for man to go to Yard Phila to receive stations truck, to P. L. Bartley Elec 1st class, fwd Nav 3-21	
403435	3-22	To Naval Observatory	Bu is issuing instrucs to have chronograph loaned by for use Annapolis returned—	
✓ 404447	3-22	To S&A	Req shipment from Annapolis to Washn one chronograph complete with parts.—	
405387	3;15	CO SCARPEON	Fwds report of Gunner M Kenny on exp on trip from Plymouth to Constantinoble on brd yacht NOMA.	W
405972	3/24	To Fed Tel Co	Call atten to, unsat results of key system at Annapolis and calls atten to system at Lafayette And Cayey PR Sta have requ S&A make no payment	920

N.S.E. Form 134.

FRANCE:

Number.	Date.	From or To—	Subject.
398599	;26	Annapolis	Sub recs rel to maintaining of antenna towers etc, high power station. In Secty 3-5 R B 3;8 To Annapolis- re employment of rigger at stations 3-11
398796	3-3	To Annapolis	Directs when necessary to shut down station to take repairs. Notice be given Communications off 24 hrs in advance
398799	3-3	To Annapolis	Re chemical analysis of relay key contacts request for made encl letter-
✓ 398810	3-3	To SGA	Re statement from Tucker to Annapolis EO type electrical strain insulators
✓ 399713	3-3	Annapolis	Contracts 33244 and 34445- Recommends be consolidated to 15% profit instead of 10 and 20% - W fwd SGA 3-26
400348	3;5	Annapolis Sta	Sub infor safety precaution taken for operation of.

Number.	Date.	From or To—	Subject.	
401330	3:8	Annapolis	Fwds sample of anode type, req Bu arrange for mfg of.	W
401331	3:8	Annapolis	Give amount of power bill for Jan and Feb.	
399891	3-10	To Annapolis	Fwds letter 9-1 re wages paid on Federal Tel Co contracts 33244 and 3445- asks info To S&A 3-14 Fwd Solicitor 3-18 RE 5:26 Fwd S&A 5-29	
401853	3:11	Annapolis	Copy of let to Cost Insp'r Poole Engr Co in con with expense acct of Marx Deal & Miller	W
402270	3:12	Annap	Sub report of test held 9th. To Director Naval Com- Antenna input Annapolis 3:17	W
402513	3:15	To Of In Chr Annapolis,	Trans of material to Sayville, LI	
405215	3/24	Annapolis	Fwds Tunstun key contact will not meet req on high frequency prints W	898

13 10

FRANCE:

Number.	Date.	From or To--	Subject.	
396535	2;20	Y&D	Fwds list of material orig intended to be turned over to cont bu turned over to Of in Chr, req allotment of \$4,500 to cov.	W
395031	2/14	Annapolis Station	Adaptability meter fwd to Phila for ship to Laf Station should not be involved to Annapolis Fwd commit Wash 2/17	920
397098	2;21	Annapolis Station	Sub data in con with interoperation of station.	W
397594	2;19	Insp'r Fed	Fwds report of material shipped cov misc material. To 3-4-1 - request notify contract of change contract - 3-5	
397751	2;25	Y&D	Req allotment \$4,500 cov work under Bu at station. To Y&D - 4500 3-1	W
397798	2;24	Annapolis	Finds sample that will be used on arc relay keys at Sta. recs similar on fleet. station ready 3:15 for high speed sending. Cross to 898. To bu standards - fws metal bearing trade name of PLATHOID - recat analysis 2-26 Bur Stand 3/4 Submits analysis-	W

Number.	Date.	From or To.	Subject.	
398464	2:27	Annapolis	Sub antenna data regarding test held between 1:19 and 2:19.	
398359	2:26	Annapolis	500 motor generator set for transm. no allowance for yet.	W
398358	2:26	Annapolis	Req battery rheostat for cont bldg be furnished. T O Annapolis- reest approved 3-3	
398360	2:27	Annapolis	WBA E R Co, received no payment of power bills. req expedite. WBA E R Co 3-3	W
398642	2:24 2:26	Fed Tel Co Annap	Fed Co states no reasons why Annapolis should not transmit 845 word per minute. tel been rebuilt.	W

FRANCE.

Number.	Date.	From or To-	Subject.
391889	2-5	To G E Co	Rqst info as whether you can supply Tungsten contacts for breaking direct current circuits. Rqst estimate if can supply - W
		To GE Co- returns contacts for examination and comments unsat is 3-26	To GE Co- Bur ask two tungsten contacts- Will try out and inform result- 2/17
		To GE- will commu with Co in future re exper if under aken 4-8	GE- Rq Bu make test of new samples of contact. 3:6
398901	2-5	To Federal Telegraph Co.	Rqst install 2-10" valves in gas discharge line at Annapolis Radio Sta. - W
393925	2-12	To Off in Chg Annapolis	Fwdg 1 print Plan RE-37-Fl33A. Safety outlet for arc discharge gas line- W
			Annapolis- Fwds sketch of gasoline as instal. 3:11
394080	2-12	To Off in Chg Annapolis	Re care of boiler plant Annapolis Sta- W
394708	2;13	Annapolis T	Sub report of necessity of melting ice W
392667	2-14	To Federal Tel. Co.	2 arc converters and 2 motor generator sets delvd to Annapolis not painted- Rqst expedite this work- W
394606	2-14	To Off in Chg Annapolis	Directs all official correspondence with Bur be carried out on regular form - W

Number.	Date.	From or To—	Subject.	
395032	2;13	Annapolis	Sub report of ice forming on antenna, and operation of melting device. To Annapolis- Bur approves rec for installing 2 recording thermometers- Directs same be procured- 2/17	W
394831	3;5	City of Monroe, N O	Req property owners be compensated for loss.	
395229	2;18	Annapolis	Tel Report on antenna flashing.	W
395227	2;15	Annapolis	Tel Sub report of trouble on antenna due to breaking of gasoline insulator.	W
395816	2;17	Annapolis Station	Submits req for Ford passenger car.	
395313	2-18 Y&D 6;18	To Annapolis	Fwdg 2 tungsten contacts for testing purposes Rgst equip one of relay keys with these contacts and report results to Bur- W Annapolis Sta- Fwdg tungsten cont showing action which took place when instal. 2;21 Annapolis Station 2;26 To Annapolis- instruc issued to furnish sample of material 3-3 To Annapolis 3-15 request five contract trials 1 No touring car available 3;20	

FRANCE

Number.	Date.	From or To—	Subject.	
389689	1-30	To SCA	Re ts shipmt from W Brunswick to Annapolis antenna insulators	W
390565	1:30	Tutuila	Report on hearing sig from Annapolis. Sims-Copy 4906. 2:3 Sims-Copy 4964. 2:3 Sims-Copy 4844. Report of test. 1:31 Sims-Copy 4986. Report of test. 2:3 Sims-Copy 5034. Sims-Copy 5163. Sims-Copy 5246. Sims-Copy 5357 2-8 Sims-Copy 5378 Sub report. 2:10 Sims-Copy 5574. 2:14 Sims-Copy 5669. 2:15 Sims-Copy 6020. 2:21 Sub report of unsat operation of Ford one ton truck, recs standard 2 ton truck be furnished. Fwd Y & D 2/15 Y&D-Advise when ready for delivery. Y&D - 3:15	W
391131	1:30 1:31	Annapolis Station Naval Academy		W
392667	2:5	Annapolis	Req bureau have Fed Co expedite paintings of arc converter and motor generator.	W
393080	2:7	Naval Academy	Copy of letter to Fed Co make charges against special disposition for Jan.	W

1919

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FRANCE

Number.	Date.	From or To—	Subject.
381931	1-3	To Y&D	Asks est for building housing for 2 additional Chetty Officers Y&D-Submits estimate. W
382055	1-6	To Radio Sta Annapolis	- Auth to take action on SO A napolis not exceeding 200 monthly for ur ntly needed supplies without Bu a proval Annapolis- Officer in charge to be given authority to purchase supplies when same are urgently needed. W 12:27
383321	1:6	Annapolis	Req disposition of new reels remaining at station. W to Federal Co- Asks that they dispose of 18 empty wire reels and credit contract 1-11 Fed Tel Co 1:13 To Fed Tel Co-Disposition of radio reels at Annapolis. 1:17
383445	1:6	Annapolis Station	Req authority to purchase from Bristol Inst Co instruments listed, submits pamphlets. W To— Auth above 1-14
384142	1:7	Annapolis	Pwds report on high power station: W Com-Report of failure of Annapolis Station. 1:10
385204	1:15	Annapolis	Copy of let to Fed Tel Co listing charges against apical deposit for Dec. W

1919

FRANCE:

Number.	Date.	From or To—	Subject.	
385859	1:17	To Naval Radio Sta Annap.	Returns pamphlets on ammeters and volt meters.	
387801	1:21	Annapolis Station	Submits data to determine height of antenna.	
388154	1:22	Annapolis	List material received from Fed Co. recs bureau go on with design. W	
388923	1/14 1/25	Annapolis Station Com	Sug plans for high power radio station and other arc stations detailed recs W	914
388908	1-28	To S&A	Repts shipment from Wash to Ann 6 variable condensers R B 2:28 Washington - 2:24	W
388904	1-29	To Nav Ob Wash-	Repts that Chronograph be expressed to Annapolis Naval Observatory - 2:7	W
393563	2:7	Annapolis	Long wave meter never rec'd req one in store be fwd.	W

FRANCE.

Number.	Date.	From or To—	Subject.
376638	12/12	To S&A	Recs that decision to disallow double pay for overtime work Sat afternoon and Sunday be reconsidered. W Fwd S&A 12-30
79619	1:11	Ann. Lis CCM	men to 1:11 at Fwd Dept 1-14 RB 2:15
79659	1:11	Ann. Lis CCM	Operating Bldg. 2's also must be cov Fwd Y&D 12-29
79658	1:6	Ann. Oli. CCM	Operating Bldg. 2's also must be cov in Bill Hion. Fwd Y&D 12-27
381889	4:4	GE Co	States will make up two sets of contact with tungsten welding copper base for additional test if req. Cross to 898 and GE Co. W

1918

FRANCE

Number.	Date.	From or To—	Subject.	
> 379435	12-23	To S&A	Repts shipment from Wash to Annap. is 1:30 m.h. Loading coil Ship Order 2:21	W
✓ 380561	12-27	To Federal Telegraph Co	Repts shipment from N Brunswick N. to Annapolis 1:30 m.h. Loading coil Ship Order 2:21	W
✓ 380561	12-27	To Annapolis	Auth Mr. Robert May of Elec World to arrange ment of buildings and towers at Annapolis station	W
380562	12-27	To 3rd Dist	Asks action re repairing induction motor from Annapolis	W
✓ 380583	12-27	To Federal Telegraph Co	- Does not consider accepting the key system as it stands and repts info what being done to correct faults	W
✓ 381037	12-30	To S&A	Repts shipment from N Brunswick N. to Annapolis 1:30 m.h. Loading coil Ship Order 2:21	W
✓ 381359	1-2	To Federal Telegraph Co	Asks that trouble in key circuit adjustment as reported from abroad be adjusted Fed Tel Co 1:4	W

Number	Date	From or To--	Subject.
✓ 373559	11:30	Fed Tel Co	Sub sup cov various property which might be used at Annapolis Station.
✓ 374142	11:2	Fed Tel Co	Rep of Genl Elec Co will visit Annapolis Station in P.M. to get material. In P.M. 12/27
✓ 373773	11:55	Inter Fed	Rep inform of relay for use in connection with power contract for Annapolis Station. Asks if power contract for Annapolis Station authorized. 12/17 W.
373907	12/3	To W.B. & A. Elec. R.R. Co	Asks if power contract for Annapolis Station rec'd. 12/4
✓ 373907	12/4	To W.B. & A. Elec. R.R. Co	Asks if power contract for Annapolis Station rec'd. 12/4
✓ 373907	12/5	To W.B. & A. Elec. R.R. Co	Asks if power contract for Annapolis Station rec'd. 12/5

FRANCE:

Number.	Date.	From or To—	Subject.	
375118	11:5	Insp'r Fed	Copy of letter to the Chief of Police of the City of New York dated 11/10/50.	
375163	12-9	To S&A	Reqt. shipment from N Brunswick, N.J. to Annapolis-60 Porcelain tube insulators Received back 1:3 S&A 6:17	W
375327	12:7	Annapolis Station	Sub report of damage to antenna during sale on 12:6	
375138	12-10	To S&A	Reqt. shipment of relay material from Wash. to Annapolis received back 1:13	
376625	12/1	Annapolis Station	Sub report of test of connection of antenna. 875	
376234	12-13	FWD Y&D	A proves expenditure of \$88 for remote control switch Ann station	W
377009	12-13	To Annapolis	Fwds films of photos taken of Ann Station	W
378012	12/17	To S&A	Reqt that 4 tube antenna insula or be shipped from New York to Annapolis.	
378014	12/17	To S&A	Reqt that 20 type 1 porcelain insulators be shipped from Hackensack N.J. to Annapolis. Received back 1:3	



Number.	Date.	From or To—	Subject.
319213	6:21	Annapolis	Submits report on progress. W
319605	6:19	Annapolis	Fwds estimate of cost for high power station and rect additional allotment for \$132,000 W Y & D - Re: st action 7:3 Y & D - Re: st action 7:15 E&D - Re: st action 7:32 Fwd. 100 1/6
319861	6:11	Inspr Fed Co	Copy of letter to G E Harscom. Fwds copy of repairs of material shipped on contract 34560 covering antennae for Annapolis. W
✓ 315245	6:21	G E Co	Fwds copy of letter of 6:15 To— Ack. rect. of quotation dated 6/13. 6/28
✓ 318925	6/25	To Federal Tel. Co.	Radio towers at Annapolis ready for install- ation of antenna. W

FRANCE ANNAPOLIS. MD

Number.	Date.	From or To—	Subject.
321267	6:24	Fed Tel Co.	Fwds prints. W
✓ 322371	6:20	S&L	Copy of tel to G E Gest & Co. notifying of the award covering installation of ground shield system. at Annapolis station.
322530	6:29	Annapolis	Fwds report of progress of work. W
322566	7:1	Naval Academy	Fwds report. W
✓ 326751	7/16	To GE Co. (P)	Confirming verbal instruct. of Lt. Monopatti re power status being purchased by Fed. Tel. Co. for Annapolis. W
327015	7:15	Naval Academy	\$24.48 charges against special disposition number 7 Fed Tel Co covering legal charges. W

FRANCE

Number.	Date.	From or To -	Subject.	
368686	11-16	To Annapolis,	Re Blower house for the Annapolis Sta W S&D received back 1:10 To Y&D makes allotment for above 1-11	
369147	11-16	Fwd Dept	Recommends bill for board allow for linemen W S&D 12/17	
368625	11-16	To Annapolis T	Authority granted send man wash with wave meter W	
370070	11-20	To Y&D	Reqs that Annapolis HP radio station be furnished with material (rigging) to be left their permanently Fwd. Y&D 12/4	W
370594	11:20	Fed Tel Co	Fwdc prints and sheet showing result of conductors of Annapolis antenna. W Fed Tel Co 12:6	
371192	11:19	Annapolis	Fwdc Fed T. I Co purchasing order which have been approved by office in charge. W	
370729	11-23	To NY	repair of induction motor for the Annapolis High Power Radio Sta. Comments W	
370730	11-23	To Annapolis	authorizing the shift of induction motor to NY for repairs. W	

920-1 FRANCE

Number.	Date.	From or To--	Subject.
371291	11-23	To Annapolis	Fwds instruction booklet of Federal Teleg W
371529	11-23	Pool Eng'r & Mch Co	Copy of letter to Annapolis Station stating D A. Acacia no longer con with G. M. G. T.
372105	11-27	To Federal Telegraph Co.	Reqst that they give defective generator attention. W
373220	11-29	Fed Tel Co	Sub bill for reception of complete antenna to SEA - Fwds certified bill from Federal Tel Co for payment - antenna system for the Annapolis High Power Station W
372781	11-29	Phone Annapolis	Comments re work at high power radio station, Dd

FRANCH:

Number.	Date.	From or To--	Subject.
365900	11-1	MI	Submits special report
365418	11-6	Fwd Solicitor.	Re contract with W B & A Elec for current at Annapolis.
365613	11-7	To SGA	Rest shift radio apparatus Tuckerton to Annapolis W 10:00 AM 11-7 received back 11:20 Ship order 11:5 received back 11:20
365618	11-7	To SGA	Rest shift radio wire Jolville to Annapolis W
365612	11-6	To Annapolis	Antenna wings for Annapolis sta. Radio ; necessary antenna shipped W
365527	11-8	To Annapolis	Arrangements made with Fed Teleg Co to use 7000 ft of 6 strand #12 silicon bronze antenna wire W
365528	11-8	To Federal Telegraph	Antenna wire at Annapolis Sta Contract 34445; appropriating 7000ft of wire at Annapolis W To Annapolis. approves ground system at Annapolis 11-8 Annapolis Station 12:7

FR-134

Number.	Date.	From or To--	Subject.
367715	11/2	CO A S Kibbles	Copy of let to Fed Co stating charges cov low mod type made against Oct 1941.
367928	11/12	To Annapolis	Re tl. that Mr. Williamson be permitted to use the set in operation.
368621	11/7 11/12	Jag Com	Explosion at 11:10 p.m. radio station Annapolis, rep of Brd of 11/12/41 Fwd Comm 11-22
368629	11-13	Annapolis	Let to Fed Co stating charges Fwd Boston 11-22
368603	11-13	Fwd Annapolis	re garage for high power radio sta comments W
369053	11/9 11/11	Key P. Annasick SAA	III of letter covering shipment of Fwd SAA 11-22
375007	12/2	Mr. E. J. O'Connell	States that Annapolis set is in good condition and is in use.

FRANCE:

Number.	Date.	From or To—	Subject.
✓ 362990	10:25	Annapolis Station	Submits report of fire in coupolo and cracking of plate glass insulator. W
362991	10:25	Annapolis Sta-	Submits report of power consumption. To— Increase in capacity will be given consideration— contract being completed— charges authorized for payment 10-30
363009	10:25	Annapolis Sta f	Fwds copy of letter Cost Insp in con with transportation and charges supposed to have been paid by Barlow on contract with G M Cost. W
✓ 363698	10-30	To Annapolis	Reqs that A.C. Bunker of Crocker Wheeler Co be permitted to see arc set in operation re designing motor generators suitable for radio arc transmission W
✓ 364251	10:30	Naval Academy	Sub report of boat pit on 29th W
✓ 365522	11-16	To Federal Teleg Co	re spare gaskets for arc chamber doors. High P Radio Sta Annapolis. Comments W Fed Tel Co 11:52 Annapolis—log for company re furnished with 2nd rubber gasket for arc chamber doors. 11:1

RECEIVED:

Number.	Date.	From or To	Subject.
356775	10:5	Annapolis	No test run on Sunday W
356776	10:6	Annapolis	Submits report of special test.
356774	10:7	Annapolis	Report on special test.
356716	10-19	To Y&D	Authorizing additional allotment of elec transmission line at Greenbury Point. W Y&D Oct. 25 - makes allotment
356510	10:8	Annapolis	Report of test. W

N. S. E. Form 174.

FRANCE

Number.	Date.	From or To—	Subject.
✓ 359041	10/15	Solicitor	Fwd print of proposed renewal agreement with W.E. & A Co/ for electric current for use at Naval Academy Radio Station fiscal year 1919 W Fwd S&A 10-24 back 10:30
✓ 359374	10-18	To [?] Annapolis	Auth for representative station to proceed short hand to these shipments granted—H
359760	10/18	No source	Radio reports on results of test at Annapolis
360408	10/19	Annapolis	Contains all pole line transfers etc. Fwd copy of agreement with W.E. & A in connection with To----- Recs above 10-29 W
360862	10/21	Cost Insp. Poole Ins. Co.	Contract with C. J. West Co., Annapolis contractor's bill for board allowance to linemen employed on station Fwd S&A 10-29 back 11:12

RECORD

Number.	Date.	From or To—	Subject.	
✓ 357707	10-16	To ~~Washing-Balt~~ & An Elec R. Co- RE variation in voltage afternoon Oct 17d at LF Sta Annapolis- Asks what steps taken to prevent re-occurrence W. L. & A Oct. 17		W
✓ 358799	10/9	Annapolis Station	Telegram report of tests on Oct. 9 Pacific Coast Supt - (T) results of test	W - 10/12
✓ 358703	10/15	Communications	Annapolis Wave length test - Fwds report	W
358715	10/9	Naval Accd.	Y&D Oct. 14 Electric transmitter line to Annapolis station - itemized cost of work	W
358493	10/16	Gen. Frank		358-7

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FRANCE:

Number.	Date.	From or To—	Subject.
354927	9:19 10:2	Insp'r Poole S&A	Req specifications. Fwd Insp'r Poole 10-14
355111	10:1	Annapolis	Reports defects in Ford Truck W
355567	9:28 9:28	Annapolis S&A	Sub list of various classes of men and rate of pay which will be used on radio work. W Fwd. S&A 10/6
356122	10:4	Annapolis	Naval Academy payment to American Brass Co for material delivered asks if shall charge to annual allowance. W Fwd Annapolis 10-15
356098	10:5	Annapolis	Req bureau take with up with WBA matter of variation of voltage at station. W

N.S.E. Form 134.

FRANCE

Number.	Date.	From or To—	Subject.	
355386	10/7	To Federal Tel. Co.	Desires to m int. in a spare set of Relay Keys at Annapolis Station. Asks to be advised as to what action taken in re these spares. Fed Tel Co— Will mfg 9 spare key units.	10:8
256299	10/19	Communications	In connection with Annapolis Wave test	
356341	10:4	Annapolis	Sub report of special test. W	
356799	10/10	Annapolis	Telegram Pacific Coast Supt. Oct. 12 Reports on tests. W Annapolis Oct. 12 Radiation report Com— Ends test report. 10:8 PCCS— Copy of report of test. 10:24 Com— Ends copy of despatch relating to wave test.	
357166	10/8	Annapolis Station	Naval Academy Oct. 8 Submits suggestions in connection with new ground system for	W
357013	10-11	To Phila (T)	Shipmts instruments App Radio Sta BL 1737 Box 60755 leaving Phila by express 9-3rd not recd same urgently needed Phila. Oct. 17 - Telegram Phila. Oct. 17 - Telegram tracer started to its shipmt from Wash to Ann M Sta 1 long wire receiver 1 long wire receiver received back 11:25	not W
357016	10-11	To S.E.A		W

1919

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FRANCE:

Number.	Date.	From or To—	Subject.
350844	9:19	Annapolis	Submits report of failure of power supply WB&A on the 15th. W
350843	9:19	Annapolis	Can dig trench to place counterpoise under ground at present with plow, in Dec will have to use pick and shovel.
352106	9:24	Annapolis	Sub report of special arc test. W Annapolis Station - 9:25
511722		See CARD 3	To Weston I. Co. Asks if can manf. meter reading up to 0.10 mf. W 9/24 West Elec Co-Fwds cat. showing capacity meters 9:27 6/1 & 3/17. 7/27. 10/1
350084	9/25	To Y&D	Asks total cost of present power line to Annapolis. W
350085	9/25	To Y&D	Asks estimate of reqd. time for erection of power plant Annapolis. W Y&D-Sub estimated cost W 10:3 TO Y&D- in re above- 10-18 Y&D Oct. 22 - Submits estimate To Y&D-req new estimate be sub 8/18

FINC:

Number.	Date.	From or To—	Subject.	
353766	9/30	To Radio Sta. Annapolis	Re: daily reports on Annapolis tests.	
353953	9:28	Annapolis	Re: Bureau purchase 10 relay keys for compensating coil on main helix RA	
335771	10-1	To Radio Sta Annapolis	Re: plans of ground system proposed to install	W
351906	10-1	To Radio Sta Annapolis	Two plate glass entrance insulators will be delivered this week and several more in about a month	W
354782	10:2	Annapolis Station	Relative to drawing.	
354474	10-3	To Yads	Authorizing alterations to floor to Annapolis Radio Sta. Radio telegraph W	

RECOR:

1918

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Number.	Date.	From or To—	Subject.
347918	9:12		Annapolis & Cayville wave length test
346100	9/12	To Y&D	Re Sarge for Annapolis H...Red.Ste. W Re: Estimate.
347694	9:5	Inapn Pool Eng Co	Order material order for Annapolis station. W Fwd. S&A 9/17
347533	9:10	Annapolis	Sub report and test W
348644	9:15	POCS	Copy to MI Lab, report test of W
348639	9:15	POCS Copy	Report of test of, Honolulu. W

FRANCIS:

Number.	Date.	From or To--	Subject.
348627	9:13	POCS	Copy of report of test with Medical Lab. W
349797	9:16	Annapolis	Copy of letter to MI reporting shiping condensers wire to Phila for France etc. W
347855	9/19	To Y&D	Re water system at Annapolis H.R. & D. St. W Y&D - Makes allotment. 9:24
357859	10-21	Y&D	Relative to water system
348793	9/19	To Y&D	Re spray cooling system for Annapolis Y&D - Was sketch and estimate spray cooling system, Annapolis Station. W 2:28 and Y&D 3-3
350079	9/19	To Federal Tel. Co.	If type of coil suggested suitable for Annapolis Sta. 3:57 to be made & in filled. W3
350321	9:17	Annapolis	Req material for rising antenna To Shipt. reqt. for above made. 9/25
350324	9:17	Annapolis	Blocks on hand, req disposition of. To Author, to turn snatch blocks into store/ 9/25

Number.	Date.	From or To—	Subject.	
346126	9:6	Annapolis Station	Fwds report of valve meter to Marion	
346160	10/9	Annapolis Station	Fwds plan showing type of garage desired 12D Oct. 18 Fwds drawing	W
346255	9:6	Annapolis	Fwds daily report. W	
346568	7:9	Pacific Coast Super	Tel: Reports on audibility test. W	
346550	9:9	Director Naval Reserve	Fwds report W	
347055	9:11	Pacific Coast Super	Reports test with Annapolis.	

FRANCE

Number.	Date.	From or To—	Subject.
347152	9:11	Pacific Coast Super	Copy of report on test Honolulu and Annapolis.
347390	9:11	Sigs	Reports on communication with Annapolis. W
347421	9:6	Naval Academy	Copy of letter Fed Co gives charges for work done W
347431	9:9	Annapolis	Report of daily arc test . W
345686	9/10	To SEA	Repts. shipt. of rad. material from Annapolis to Marion for Rad. Sta. received back 9:16 to Annapolis. Repts. for contr. sent to Annapolis. in records. with re. (a) 7/10
347894	9:12	Pacific Coast Super	Copy of report of test at Annapolis. W

FRANCE: ANNAPOLIS, MD.

1940

✓

Number.	Date.	From or To—	Subject.
344008	8:23	M I	Lists instruments and material shipped to Annapolis station for expert radio Hansson W To— Gives shipping schedule of instruments & material. 9/5 MI- Schedules satisfactory. 9:17
344377	8:30	Dept	Labor conditions at Annapolis station, completion held up due to strike of linemen for no just reasons, same completed by enlisted men on Sat. Cross to strikes.
344541	9:1	Annapolis	Sub detailed report of arc test
344807	9:4	M I TEL	Sub report of test of W
344974	9:3	Annapolis	fwds report on arc test. W

France

Number.	Date.	From or To—	Subject.
345147	9:4	Y&D	\$200 allotment covering alterations.
345260	8:5	Com	Fwds report on test at Annapolis and Sayville.
345701	9:6	Naval, Com	Fwds report of reliability test of Sayville and Annapolis. W
345917	9:5	Annapolis	Daily report on arc test. W
345808	9:4	Annapolis	Daily arc test report W
346071	9:6	Annapolis	Tabulated reports of preliminary test. W

FRANCE: ANNAPOLIS: MD.

1918

Number.	Date.	From or To—	Subject.
339982	8:21	Annapolis	Reqst replacement of shore shaft of power house by Fed Tel Co. W
341774	8/27	To M&D	Allots amt. for Annapolis rad. sta. W Y&D - 8:29
341775	8/27	To Marc Is. (T)	Reqst. rad. laboratory report results daily. W
341909	8:26	Annapolis	Completion of building and general status of station, submits report. W
341546	4:1	Boston	Chatham station transf to Marconi Co. 3:31
341884	8:26	Annapolis	Reqst be sup with Ford Passenger car.
341989	8:26	Annapolis	Sub report of lineman employed by Est. Co of threatening to quit because were not paid 30 minutes time while eating supper, men discharged, enlisted personnel completed instal. of ground system 8:26 W

FRANCE: ANNAPOLIS MD.

Number.	Date.	From or To.	Subject.
342095	8:26	Annapolis	Req one 2 1/2 ton truck be purchased for station.
342545	8:23	Annapolis Station	Asks if bureau desires transmission line and power sub station maintained by WBA or whether Gov will maintain. W
343072	8:28	Annapolis Station	Req authority to employ three laborers permanent for maintenance of station grounds. WK To—Author. granted to obtain 3 laborers for maint. of sta. grounds. 9/4
342663	8/30	To Y&D Returned. En allots \$775.81 to Engineering for installn of aux air comp at Annapolis Sta. 12/12	States paint "Lapidolith" would be good material for floors & walls. W To Y&D. Re Air compressors at Annapolis H.P. Rad. Sta. 8/31 To Annapolis. Re dtd. that experts make survey for suitable water supply. 8/31 To Y&D Aug. 31. Lacks Dec. 11 Pwd Yds & Docks. 12-12 TEL- Sub report of test at Annapolis station.
344197	8:31	PCCS	
343952	8/30	NAVAL COM	During Corps. Oct. 16. 1942. 1942 Communications Oct. 16. 1942. 1942 to Annapolis wave length test

FRANCE: ANNAPOLIS: MD.

Number.	Date.	From or To—	Subject.	
334988	7:30 7:2	Fuel Engineering Co S&A	Wage schedule in connection with radio station. Fwd. Seonav. 8/30	
33458	7/26	Lare Is	Fwds reports on mail ship for Annapolis Radio Sta	629
~~33458~~	7/8	To Y&D	In the Department of Navy, and to the Department of the Interior Fwd Y&D 12-27	
~~334988~~	8:11	Experiment Station <u>WRONG ENTRY</u>	Insp FR reqst copy of test 1085 covering examination of forgings furnished by Camden Forge Co. 3	
335758	8:9	Y&D	Completion of station at Annapolis, submits statement giving dates of completion of various items of work. W	
337990	8:15	Naval Com	This copy of process verble for Navy 3 state r. 13 station for period ending 7:27	
337999	8:14	S&A	Payment for overtime work for Fed Tel Co	

FRANCE: ANNAPOLIS MD

Number.	Date.	From or To—	Subject.	
337727	8:14	Annapolis	Fwds progress of work. W	
338475	8/13	Annapolis	Rest - Morise - mail - also see for station at Once - To - Amt. allotted for maintenance. 9/5	
336978	8/13	12 Dist	Tel Rest immediate shipment of antenna wire for Annapolis Station	92c-8
338114	8/19	To Langdon (T)	Gives instructions for testing etc.	
338371	9:15		Fwds purchasing order from Rad Tel Co.	
338455	8:16	Fed Tel Co	Small inquiry re: cost of Annapolis Station hold up, awaits completion of sonar torpedo system.	
337909	9/4	Adm. Sec. Nav.	Payt. for overtime work is approved. W	

Number.	Date.	From or To—	Subject.
327231	7:11	Naval Communication	Submits name which will be applied to radio station at Annapolis. Naval Communication 7:22
327289	7:16	Naval Academy	Copy of letter to dept. rec. reconsider decision in connection with purchase of property adjoining radio station Greenbury. Annapolis-Avds copy of agreement. 11:11
327559	6:21 7:17	Fed Tel Co Schen	Submits schedule of mechanics, electricians, carpenters, laborers etc. Pwd. Secnav. 9/4.
327292	7:15	Fed Tel Co.	Equip installed in Jayville station for acceptance test. sug circulating air arc converter be improved on. W
328610	7:20	G E Co	TEL: (2) Machines for Annapolis being shipped 7:20 W

1918

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FRANCE: ANNAPOLIS, MD

Number.	Date.	From or To--	Subject.
✓ 31441	6/6	Federal Tel Co	Reqs bureau special instruction covering radio antennae load inductor on contract 33244 W
313982	5/3 5/5	Annapolis Naval Communications	Request floor plan in Marine Barracks to be at insulated to be with excessive weight of r m immediately below - 1
314207	6-10	TO YLD	Radio station Annapolis. Floor plans and foundations at - 1 To be done by 10/15/18 - 1 Foundation. 7/1/18
315135	7/5	Atlantic Comm Supt	Naval Communications 6/10-ask for allot- ment of \$1000 a month for radio station Annapolis. - & 1
314110	6/12	To Annapolis	Encl. enclose 10/12/18. 7/3/18
314209	6/12	To YLD	Div. instruct. Re. 1. To 10 Station transmission line. - 1
317014	6/18	To S&A	Reqs shipment from NY to radio station Annapolis radio app for " 1

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N.S.E. Form 134.

FRANCE: ANNAPOLIS, MD.

Number.	Date.	From or To—	Subject.
✓ 315143	6/13	To Ingersoll Rand Co.	Rats. prices & date of del. on air compressors. To YD Rats. screen installed petty officers' quarters. 6/13 Ingersoll Rand Co - R/A's propeller. W
✓ 315144	6/13	To Martin House	Rats. price & date of del. on Induction Sling Motors. Westinghouse E & M Co - Sub. quotations 7:8
✓ 315245	6/13	To GE Co.	Rats. price & date of del. Induction Motors. W GE Co - Submits quotation on motor. W 6-15
316595	6/13	Annapolis	Naval Communications 6/13 - rat screen in; quarters. W of chief petty officers
316970	6/13	Annapolis T	Rat insul to 3 or antenna wires for components of batteries be ordered at once. W 7/13
✓ 317101	6/17	To E. of Et. M. Co.	W. Corporation. For Federal H. Co. to sub- mit to shipping documents. W

1918

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FRANCE: ANNAPOLIS MARYLAND

Number.	Date.	From or To—	Subject.
309358	5:22	Federal Tel Co.	Fwds preliminary list of parts proposed to be furnished for high speed transmittin key at Annapolis station. W
309966	5:24	Y & D	Copy of letter to S & A repts order additional motor truck for Annapolis Station.
309303	5/23	Federal Tel Co	Carload of radio equipment forwarded on Govt bill of lading 4/10 to Annapolis. W
310297	5-13	Annapolis	Request for cooling gear. W Fwded Y&D 6-1-18
311014	5-27	Fed Tel Co	Fwds copy of letter from GE Co stating 1st motor generating set will be shipped June 5th. And the 2nd set one week later.

FRANCE: ANNAPOLIS MARYLAND

Number.	Date.	From or To—	Subject.
309776	5-31	To Nav Academy	Makes allotment for purchase of supplies, equipment etc., for the High Power Radio Sta Ann W-K F.R. Ann. 5/15. 8/13
311722	6-1	To Annapolis	Gives instructions re shipment of testing instruments. W Lt Sweet-List apparatus Reg. 2;20 Naval Communications 6/8. Naval Communications - 6/5 8:14 Annapolis-Adms list of instr not received. 9:19
		To Phila. Re shipment of testing in true- Phila. Reg copy of letter W 9:16 To -- Re testing instruments 9/24. See CARD 12 Naval Academy - 6:23 To Annapolis and copy of SE ltr 6/4/18 To Annapolis 7/1	Annapolis 6/3 - 8/13 Annapolis - 9:25 Y&D - Regt make allotment covering work, if authorized Completion of radio station Annapolis - Det instructions in re to - W
313231	6-5	TO Y&D	
314161	6/6	Federal Telegraph Co	Last ca. load shipment of high power radio equipment for ALA. CLIC reached destination 6/1 - installation in progress satisfactorily - W
314438	6:7	Federal Tel Co	Repts rep of bureau inspect arc equip for Annapolis and base on complete delivery. W

FROM: ANAPOLIS MARYLAND

2

Number.	Date.	From or To--	Subject.
302731	4-27 4-30	Anapolis Communication	Submits annual maintenance estimates. W
303581	5-3	Bureau of Standards VOID WRONG CARD	Fwds plans - report on property of insu- lating materials of the phenol formalde- hyde type. W
✓ 303580	5-2	5th Dist	Fwds request from Anapolis Station for 2 bids with reasons why requested. W
303578	5-2	5th Dist	Fwds request from Anapolis Station requesting allotment \$500 for maintenance in advance of yearly maintenance allow- ance.
303824	4/25	Naval Academy	Recommends purchase of property adjoin- ing radio station at Glenbury Point. own- ed by C. R. Remson. W Fwd Dept--5-3

FRANCE: ANAPOLIS MARYLAND

Number.	Date.	From or To—	Subject.
✓ 304539	5/6	Federal Co.	French stations Annapolis reports shipment of three carloads of apparatus. W
✓ 304538	5/6	Federal Co.	French stations Annapolis-proposed ground shield system. W
306518	5:13	Naval Academy	Are installing two underground tanks near power house with hand pump for same for purpose of storing gas. W
282710-	5-7	To Annapolis	Fwds list tools submitted by Fed Tel Co. for use of station. Also converter & antenna for radio station. W
✓ 306415	5-14	To (7) J. F. Bidle	306415 - Express one hand tool, one to room 306415 - 11/15/14 - one power tool room destination to Lt Stevens. CD.C. annotated. To Lt Bidle - 5-21
✓ 308288	5:18	Federal Tel Co.	Delivery of apparatus made to Annapolis. W Fwd 5-14 Yards & Docks - Status of completion of blds. 6:24 Yards and Docks - Fwds copy of correspondence. W 6:27

FRANCE: ANNAPOLIS MD.

Number.	Date.	From or To --	Subject.	
295821	4/1	Annapolis	Reports on station routine. W	
295847	4-3	Annapolis Station	Progress report. W	
296263	4-8	5th Naval District	Officer in charge of Annapolis Radio Station - requests be assigned to Navy yard for maintenance. W To--Appcs. 4/12 To Nav Acad--Gives action. 4/12 Naval Acad - Submits estimates. W 5-1	
296264	4-5 4-8	Annapolis 5th Naval District	Request typewriter. W	
295745	4/8	T To Mare Island	Hold Ryall Halleck Watson for possible early detail Annapolis. W	635-2
298198	4/16	To M. Is. T	Ask when report of last inspection Contr 33244 will be fwded. W M Is (T) contract 33244 not on record - To--(T) Contr mailed today. 4/19 5/8-Mare Is-Copy of contract 33244 not received. To (T) Mare Island fwding copy radio contract 33244. 5-13	

FRANCE: ANNAPOLIS MD.

Number.	Date.	From or To—	Subject.
299835	4-20	Norfolk	Annapolis high powered station - recommends change in lighting system. W
299209 to Card 45	4-24	To S&A Repts shipment from Norfolk for radio station - material for To S&A Repts shipment from Norfolk ditto 4-24 To S&A - Repts shipment form Norfolk to Radio Sta Annapolis - for 4-25 July 20 received back Oct. 21 Advices in Re repts W Jeffrey & Dewitt Co - " 4-26 Re Jeffrey & Dewitt Co 5/7.	S&A - report of shipments - 3/17. Fwd Annap 3/20/2035W Repts shipment From N.Y. to Annapolis for high power 3/31 radio station - material for To S&A Repts shipment from Norfolk ditto 4-24 To S&A - Repts shipment form Norfolk to Radio Sta Annapolis - for 4-25 July 20 received back Oct. 21 Advices in Re repts W Jeffrey & Dewitt Co - " 4-26 Re Jeffrey & Dewitt Co 5/7.
300202	4-24	To Jeffrey Dewitt Co	
300205	4-24	To Annapolis	Fwds list of tools and supplies for which shipping orders prepared - desires comments W Fifth Dist. list fans and other tools repts for high power radio stations at Annapolis. 5:10
300665	4-26	To Annapolis-	Insulators for High Power Antenna-In re to test
301886	4-27	Fed Co	Fwds blue prints showing floor plan layout on the details of foundation for motor generator set.
302745	5-1	Fed Tel Co	Are remodeling transmitting key units for Annapolis Station to make them suitable for high speed transmission - submits estimate of cost.

Number.	Date.	From or To—	Subject.	
651555	11/8 11/28	Bar Harbor Y&D	Protest against occupying remodeled guard house by Lt. F. W. Garli. W	920-4
654632	12/23	Bar Harbor	Gives voltage of various lines W	

FR MCE

BAR HARBOR

1922

Number.	Date.	From or To—	Subject.
✓ 632164	7/11	Y&D	Copy of letter to Boston stating approved credit card will be fwded cov saving under allotment 2601-20 W. Y&D- Repairs to sewer completed with saving under allotment. 7/11 W
622742	FROM CARD	35	Y&D 8/10 Y Fwds Y&D 8/15 W
640139	8/30 9/1	Boston Y&D	Recommends payment of contractors charge cov remodeling guard house. W. Fwds Y&D 9/7 WK
640848	8/16 9/8	Bar Harbor Communications	Request 10 seamen be ordered to Bar Harbor to fill vacancies of Marine Detachment. W. Fwds Dir Comm 9/12

FRANCE BAR HARBOR

1922

Number.	Date.	From or To--	Subject.
643743	9/30	Shipping Board	Suggestions covering improving receiving equipt at Bar Harbor. W. Fwas Boston 10/5 RB 10/28 W To Shipping Board- gives list of recg. appr. in use at Bar Harbor. 11/11 Fwas Dir Comms 11/15 RB 11/20 W
646782	10/28	To Boston	Transmitting Sta- Sea Wall, Maine spares for W
9 648020	11/10	Department	Recommends loop and New York and Boston connected to Washington Bar Harbor Radio control station be disconnected W To Omerne- & appvd 11/17 Dept- 11/25 W To Washn via S&A- reqs changes be made 12/5
649750	11/14	Shipping Board	Full report from Boston office regarding efficiency of Bar Harbor station W

FRANCE BAR HARBOR

1922

Number.	Date.	From or To	Subject.
623899	5/17	Bar harbor Copy	Report on test with Lyons X W
624189	5/18	Bar Harbor (T)	N.Y. test very faint due to heavy static. W
624367	5/19	Bar Harbor- (T)	Signals from lines greatly improved. V
624752	5/22	Bar Harbor Copy	Report on test with Lyons. W
625931	5/30	Bar Harbor	Report on test. W.

Number.	Date.	From or To—	Subject.
✓ 628423	6/16	Y&D	Request allotment \$1,060. to improve fire protecting sys. to prevent freezing pipes as & docks 6/22 W
✓ 629159	6/20	Y&D	Copy of telegram to Boston authg installation of heating sys for elevated water tank W
✓ 630171	6/27	Y&D	Copy of instructions to Boston to keep within allotment \$1060. W.
✓ 630603	6/29	Boston	Copy of report of inspection. W.
✓ 630644	6/30	Boston	Copy of quarterly inspection report. W.

Number.	Date.	From or To—	Subject.
620247	FROM CARD 35		Bar Harbor- 5/9- (T) Rome did not transmit. W. Bar Harbor- (T) Rome did not transmit. 5/11 W To Bar Harbor (T) Rome requested to repeat direct 5/8 To Bar Harbor (T) Rome has postponed Korn test temporarily 5/11 To Boston- Requests statement of important factors cc Dir Comm- Bu of Standards W 5/13 BB 6/6 W Bar Harbor- Report on test with Rome 5/19 W Bar Harbor- (T) Report on test. 5/22 W Bar Harbor- (T) Report on Lyon test. 5/23 W Bar Harbor- Copy- Report on Lyon test. 5/24 W Rome- Copy- Repeat radiograms will be divided in lines. 5/24 W. Bar Harbor- Copy- Test with Rome not satisf. 5/29 W Bar Harbor- Copy- report on test. 5/31 W. Bar Harbor- Report on test- copy. W. Bar Harbor- Report on test. W. Bar Harbor- Copy- 5/31 W Boston- Report of test. 6/3 W. Boston- Report of test with Rome. 6/6 W To WC Beagell Gives Inform rel Apparatus 6/7 To Bar Harbor (T) test authd cc Dir Comm- 1st District 6/7 Rome Dir comm 7/13 Rome Dir comm 7/13 Communications- report on comparative test of Rome's signals. 7/14 W

Number.	Date.	From or To—	Subject.
619105	4/18	To NY (T)	Authorized release equipment in custody E H Hanson to be taken as personal baggage Bar Harbor for tests W
		Other file	Bar Harbor 4/20 T. Request apparatus be shipped by express to expedite installation W To O-1-C Bar Harbor (T) Express shipment auth'd 4/21 E.H.H. 4/25 Radio Station Seawall Adjustment of "TD" set for radio telephones- Request Report W
619110	4/20	To Boston	
619366	4/20	To S&A 110	Request shipment of Equipment from SO NY to Bar Harbor W RB 1/16/23 W
520247	4/24	Bar Harbor (T)	Request arrangements be made for test. W Bar Harbor- (T) 4/25 W Bar Harbor- (T) 4/25 W. S. has no electrical connection with ship W To Bar Harbor (T) Dr Miller will arrive 6PM 4/27 To O-1-C Bar Harbor (T) Ask what hour is Rome test received 4/25 Bar Harbor- No test. Rome be instructed to send message. 4/25 (T) W To Bu Standards Gives inform rel reception from Rome cc in Comm 4/29 To O-1-C Bar Harbor- test delayed until may 6-1- 4/28 Bar Stand. Labr. Cannot measure signals from Rome. 5/2 W Bar Harbor- (T) Rome did not send test. 5/6 W Bar Harbor- (T) message garbled. 5/8 W Bar Harbor- (T) Report on test. 5/9 W To Bar Harbor (T) Rome Delayed test will advise 5/6 Bar Harbor- (T) Request Rome be instructed to transmit- 5/9 W

TO CARD #35- A

NEW BAR HARBOR

Number.	Date	From or To	Subject
619105	FROM BAR HARBOR		To NY (T) Ask if photographic mat been shipped W 4/25
621672	5/4	To S&A 201	Request shipment of mat from Washn to Bar Harbor W RB 7/24/22.W
621954	5/5	Y&D	Request recommendations be submitted cov precluding freezing of water in elevated tank. W.
622742	5/5 5/10	Boston Y&D	Damage to bank and sewer by land slide Fwds report cov. with photos W. Fwds Bus & Docks 5/11 RB 5/23 W Fwds Bus & Docks 5/26 Y&D - cov action to Boston. 5/27 W Y&D 6/16 Recommends change order be issued W Fwds Bus & Docks 6/23 Y&D - cov action to Boston 6/27 W

TO CARD 37

FRANCE

BAR HARBOR

1922

Number.	Date.	From or To—	Subject.
✓ 613254	3/10	Boston	Ins'n of model TD tube transmitter report on adjustments made.
✓ 614577	3/23	To O-I-C Bar Harbor	Commemoration of former O-I-C Lieut Alessandro Fabbrì deceased- cc Ernesto Fabbrì- Boston- 1st dist. W Bar Harbor on 3/27- letter of commemoration for Lt. A. Fabbrì 3/27 To Bar Harbor (T) Gives Instrns 3/25
✓ 614846	3/24	To Ernesto <u>Fabbrì</u> (Sec Sig)	Desires to take advantage of the occasion of presentation to Bar Harbor Station of a framed photograph and citation of the late Lieut Alessandro fabbrì- W
✓ 616118	3/30	Y&D	Request auth covering expenditure for new hot water tank in guard house. W To Y&D & Docks Allotment made 4/1 made 4/1

FRANCE BAR HARBOR

1922

Number.	Date.	From or To—	Subject.
616045	3/31	To S&A 9968	Regst shipment of Tubes from Aircraft Rec To SO Boston W
617180	4/8	To Boston	Furniture for officers quarters- Expendi- ture Acctd cc Pds- & Books W K ----- to SO. 4/10 W
618337	4/12	Boston	Subm report on performance of TD trans mitter called at Mr. Blair. Rwas Washington 4/16 RB 5/3 W
619491	4/19	Boston	Subm report on performance of TD transmitter. W

FRANCE BAR HARBOR

1922

Number.	Date.	From or To—	Subject.
607770	1/31	Bar Harbor Copy	In conn with making arrangement for test W Bar Harbor- (T) Wave changer handle missing- 3 days ne. to prepare for test/ 2/4 V. To be ready for test on 2/11/22 MI- (T) the turbo generator unit available- comissioning delayed. 2/16 W
604899	FROM CARD 32		S&A- Copy of shipt orders cov fillament transformers from Bar Harbor to N.Y. 2/2 V S&A Copy of shipt order cov fillament transformer from N.Y. to Bar harbor. 2/2 W.
607743	2/2	Boston	"Electra" arc carbon for- fwds samples. V To Boston- Gives Inform 3/18 W

FRANCE BAR HARBOR

1922

Number.	Date.	From or To.	Subject.
609107	2/10	Boston. (T)	TD transmitter will be ready for test 2/13; and when GE Engineer will arrive. 7.
60957	2/10	ROM CARD 32	Insp. GE- (T) Co's representative will be in N.Y. 2/13. 2/10 1. Insp. GE- Co's representative will proceed to Bar Harbor- 2/10 9 To NY- Request for rel change in plans cc Insp. GE- 2/13 To Test n- Bar Harbor (T) Proceed tests and reports as per instructions 2/11
611997	2/28 3/1	Bar Harbor Boston	Request instant pamphlets and wiring diagrams for model RD long wave receiver. To Washn- Request for model RD long wave receiver to be tested at Washn. 2/14 Washn- Request for instr. booklet for model RD receiving eqpt. 2/14 7.

BAR HARBOR 1921

Number.	Date.	From or To--	Subject.
595376	10/29 11/9	Bar Harbor Boston	Request short wave receiver be furn. "V" To S&A Regst shipment of mat. from Brook to Bar Harbor To Boston 11/16 Regst inform rel nameplate data 11/19 To Boston Regst inform 11/19 Navy Sup Depot- One compass receiver ship to Bar Harbor. 12/7. W.
596245	11/17	Bar Harbor (T)	Boston Yard requisitions cov recording same was purchased direct from Eastman Kodak Co. W.
596394	11/19	To Boston	Loop for use with Model "RE" long wave receiving equipment Fwds Plan W
596824	11/21	Bar Harbor Copy	Report on test Seafields schedule. W.
598021	11/29	Y&D	Copy of letter to Boston in conn with changing order cov resistance units. W.
599298	12/7	Y&D	Copy of letter to Boston stating approved credit card will be fwded cov saving under allotment. W.
47403	12/8	Boston	Ask date of shipment of correct mtl to Seawall Sta SW 629

1921

Number.	Date.	From or To--	Subject.
599689	12/14	To S&A 9361	Reest shipment of tubes from Phila to Boston W RB 1/19 W S&A Copy action to S&A. 1/9 W
601957	12/28	To Boston	Instn of model TD tube sets at Chatham and Bar Harbor - first inform rel to status of tubes. W. To S&A - Allotment of 1220 7/1/10 To NY - Gives Article on 1/1/12 N.Y. - Most instn book. 1/24 W To S&A - Instruction booklet 1/24 Bar Harbor - (T) Yard electrician will arrive 2/6 2/7 W Post - eqt. for TD transmitter recd, 2/6 W To S&A - Recommendations rel to remodeling of guard house. Allotment made 1/23 Y&D Copy action to Boston. 1/27 W
604225	1/12	Y&D	
603609	1/12	To S&A 9502	Reest shipment of material from S&A to Bar Harbor W RB 2/9 W.
604899	1/20	To Boston (T)	Asst. T. L. S. recd. also rel. to date of shipment Boston - (T) Transformer not recd; ready for shipment 1/25. 1/23 W. To S&A - In trans rel shipment of transformer 1/26

Number.	Date.	From or To--	Subject.
/583965	9/8	To Boston	Quotes from report of Bureau representative W Boston- Report of inspection 9/28 W
583965	9/8	To Dir communications	Report of Bureau representative with comment W
585173	9/16	To Dr <u>E Belin</u>	Grants permission for temporarily installn of radio photographic apparatus- W to O-1-C War Harbor Gives instrns cc Dir comm- Boston 9/15
585593	9/15	Y&D	Electrical distribution system- request allotment to cover cost of 60 ampere automatic thro over switch. WK was Yds & Locks cc Boston 9/21 Y&D 9/22 copy of action to Boston W
588950	10/6	Y&D Y	Copy of letter to Boston stating award for pump made in excess of authorized expendi- ture. W.

Number.	Date.	From or To--	Subject.
591675	10/17 10/21	Boston Y&D	Submits estimates with print covering re- pairs to sewer W. Fwd Y&D & Decks 10/26 RE 11/7 W Fwd Y&D & Decks 11/10 Y&D- Copy Action to Boston. 11/12 W
591678	10/21	Y&D	Copy of letter to Boston requesting expedite trans of fire hose to Bar Harbor W
593039	10/27	Y&D	Copy of ind to Boston directing postpone repairs to sewer so that same may be in- cluded in 1923 estimates. W
593589	10/31	Y&D	Copy of ind to S&M relative to deep well pump at Bar Harbor.
594095	10/31	Boston	Machine shop equipt for Bar Harbor -rqst instrs as to, with appropriation chargeable to Boston Gives inform 11/10
595060	11/8	Boston	Quarterly report of inspection, seawall station. W.
595058	11/8	Boston	Quarterly inspection report, Ottercliffs. W.

FRANCE: BAR HARBOR

1921

Number.	Date.	From or To—	Subject.
567329	6-8	To S&A	Reqt shipmt of arc key from Washington to Bar Harbor W 7720 RB 8/20 W.
565790	6-7	To S&A	Reqt shipmt of rec set from Washington to Bar Harbor W 7716
		To S&A Reqt shipment of equip-ment from Washn to Bar Harbor #21 4/10 RB 5/26/22.W	To S&A Reqt shipment of Equipment from Bar Harbor to SO Washn 23 4/10
56874	6/9	Sayville Copy 9	To S&A Reqt shipment of Recg Set from Washn to Boston 22 4/10
			Arc out of commission, new arc chamber installed. W.
			To N.Y.- reqt investigation 6-10
570693	6/20	Y&D	Copy of letter to Boston authorizing instln of fuel oil stig tank. W.
572876	7/1	Y&D	Copy of letter to Boston stating approved allotment cards will be fwded cov installation of oil engine W
574319	7:8	Boston	Y&D 7/1 Work completed with savings from allot W
572254	7:13	Bar Harbor	ask when GE Co representative will instal TE transmitter.W
575073	7:10	Y&D	Subite report on receipt of S&A's transmission on automatic recorder."
			Trenches filled in connection with gly distribution, slanting shiping
			Y&D-11/21- W.

920-2:FR. INT: PAR HARBOR:

Number.	Date.	From or To—	Subject.
577196	7/18 7/25	Bar Harbor Boston	explosion in Edison battery - submits report covering - W. explosion-battery
578195	8/1	Boston	request 200' fire hose be furn. 7. Y&D 8/4 action to Boston 8/5 7. Boston - expedite material 10/13 W Furn Yds & Decks 10/20
579115	8/4	Boston	Re 578195 re pump to be replaced and installed instead of repairs being made to fire alarm system. 7. To Appva recs. 8/9 W Y&D - copy action to Boston. 10/20 W
579192	8/5	Bar Harbor (T)	Re 579115 re GE ship cable equip to Bar Harbor for GRILLES. To Ingr GE - (T) - Reps. advise complete sh. pt. to equip not recd. At check and advise. 8/6 W Report of material (T) 8/9 W
581620	8/19	Bar Harbor Copy	Reports results of watch, Laf. Sta. and Tuckerton. W.
583654	8/24 9/1	1st Dist Dept	Inspection of Ottercliffs and Ottercliffs compass station - recommends converting Ford into truck. W. Automobiles. To Boston Gives instrns 9/3 and Dept 9/3

FRANCE BAR HARBOR

B21

Number.	Date.	From or To—	Subject.
554075	3/26	Bar Harbor	Work on concrete footings of water tank for fire protection, system started. W.
554749	3/31	Bar Harbor Copy	Lists radio material urgently needed. W.
		To S&A Regt shipment of wire from Phila to Coco St. RB 7/8	S&A Regt shipment of batteries from Washn to Coco Solo 6901 4/8 RB 7/8
555682	3/30	Boston	Fwds prints showing proposed location of fuel oil tanks at Sea Wall Station. W
	4/5	Y&D	Fwd Yds 7 Decks via Boston 4/14 RB 6/14 W Fwd Y&D- 6-16
Boston 22	4/14	To Comdt Boston	Rel to emergency repairs to automobiles. WR
559673	4/22	Boston	Requisition covering emergency repairs to automobiles can be cut to S.O. W.
560786	4:28	Y&D	Radio construction at Bar Harbor completed with saving 12 from allotment. W
531183	5	SEE CARD 27	To O-1-C Bar Harbor via Comdt Boston- Fwds cc report for inform in accord with regts W 5/5

FRANCE BAR HARBOR

1921

Number.	Date.	From or To—	Subject.	
561186	5/3	To O-I-C Bar Harbor	High speed tests between B H and San Diego— observation of Ly Fed Tel Co's Rep— W To Fed Tel Co Grant's representative D G March permission to visit Bar harbor station from 4 of May to 9 inclusive to observe speed tests W.	
561779 5/4 Dept- Copy of Boston 13/21 5/8	5/2 W.	Europ Forces Copy action to Europ Forces Fwd Boston	Request conduct test on reception of Pitts arc transmitter one week, beginning 5/8 W. Repairs to automobiles. WR copy S&A	
564232	5/11	Europ Forces Copy	Test continue test with PILLSBURY W.	
564237	5/11	Europ Forces Copy	Request continue test. W.	
565987	5-27	To S&A	Request shipment of material from Washington to Bar Harbor W 7586	
537137	5-3	To S&A	Request shipment of tools from N.D. to Bar Harbor Y 7607	504-22
567898	5/31 5/4	Bar Harbor Boston	Request authority for constrn of radio receiving field booth. W. Fwd Boston 6/13 RB 5/29 W To Comdt Boston 5/30	

FRANCE BAR HARBOR

1920

Number.	Date.	From or To	Subject.
533354	12/7	Y&D	Provide specifications covering fire production system. W.
535826	12/20	Bar Harbor	Report on test of signals from Washington to Acadia. W
✓ 536073	12/21	Y&D	Copy file to Boston stating specifications for buildings have been received.
✓ 536219	12/21	Boston	Copy file to Bar Harbor.
✓ 538061	12/28 12/31	Tag Navigation	Report covering damages to high speed recording receiving booth and high speed receiving apparatus by fire. W. 1-7-21
540259	1/13	Bar Harbor Copy	Report on high speed photographic recording machine To Boston 1-22 co. Other Cliffs.
540285	1/13	Y&D	Provide specifications covering remodeling of Guard house, bull dog and carriage and addition to cottage of officer in charge. W.
540517	10/13 1/14 CANCELLED.	Bar Harbor Dept	Submit recommendations covering a permanent complement of enlisted personnel. W.
544248	2/1	Boston	Quarterly inspection report. W.

Number.	Date.	From or To--	Subject.
547147	2/17	Ottercliffe,- Copy	Reports on tapes and observations. W. Bar Harbor- Copy- tapes Annapolis, show decided improvement. 2/18 W. Bar Harbor- (T) Report on Annapolis test. 2/19 W Bar Harbor- Confirms telegrams and fading copies of tapes. 2/19 W.
547			
548542	2/26	Bar Harbor (T)	10 high speed recording bulbs recd. W.
548783	2/16 2/26	Bar Harbor Communications	Subm report of test on 12 KW arc transmitter W
550308	3/2	Y&D	Copy of letter to Boston requesting recommenda- tions rel to awarding contract for buildings and electric service connections. R.
551424	3/14	Y&D	Copy of letter to Boston requesting necessary data cov changes in electric distributing system, be furn. W.
551425	3/14	Y&D	Buildings and electrical distribution sys- tem - comments on allotment cov. W. Boston- (T) Recommends cables be placed under ground to reduce induction. 4/4 W/1 W Boston- (T) Recommendations. 3/28 W To Boston Reqt recomans 3/30 Fwds circular of Aero Alarm Co, rel fire protection for Bar Harbor station W Boston- Recommendations cov fire alarm system / 4/16 W To Boston Gives Inform 4/25
551200	3-14	To Boston	

BAR HARBOR

Number.	Date.	From or To—	Subject.
523324	10/14	S&A	Copy of s. nt. order covering Ford car c from Harb. ds. to Bar Harbor. W.
524499	10/14 10/20	Bar Harbor Boston To Co. at Boston 11/12	Request vessel be supplied with new wire to replace barrage antenna wire. W. Cdr. C. R. R. 11/5 Bar. Stand. Barr. not much difference between relative superiority of Alexander Son barrage and antenna loop barrage. 11/8 W 922
526579	10-26	Bangor Ry & Elec Co Bangor ME Co 11-23-24	Request auth to make connections on wire from Bar Harbor sta for private use; W By Boston 11/6 RE 11/13 To S&A recd amendments be made 11-18 To Bangor RE Co 11-18 S&A copy of action to Bangor. 11/22 W
527057	10/28	Bar Harbor	Improvement to receiving circuit; recommendations covering. W. To Bar Hds fnds copy of letter 11/5
528692	11/11 To Comit Boston 11-20	Bar Harbor -C-R	Report on fixe high speed receiving booth. W To Bar Harbor Tel 11/13 Bar. Hds. - Creorder can be repaired. 11/14 W Bar. Hds. 11/15 So from Bangor to Bar Harbor 11-17 RE 1/10 W S&A report of observation bearings obtained on station. W.
528904	11/4 11/11	Bar Harbor 1st Post.	
529581	11/6 11/13	Harb. Rds. Y&D	Ford automobile 1142 shipd to Bar Harbor radio station. W.

FRANCE

BAR HARBOR

Number.	Date.	From or To--	Subject.
529950	10/27 11/17	Nav. Academy Washington	Fds. report recd. from C-P Tele. Co. re to conditions existing between their lines and high tension lines. 11/22. Date to radio sta. and Annapolis 11/22
VOID- see	920 -1		
530242	11/22	N.Y.	Report covering interference. W.
531143	11-26	To Comdt Boston	Advise rel install of arc set at Seawall W
W	Communications 3/29 W		Boston - 12/2 W
W	Bar Stand Bar- Report on audibilities		Boston - 2/21 W
W	Bar Harbor- Copy of action to 1st Dist. 2/24 W		
531362	11/23	Bar Harbor	To Boston 2/16 re Command Standards Special report on reception at Bar Harbor. W
531564	11/27	Boston	Semi Diesel engine for reserved power at Seawall radio sta- recommendation cov. with print. W
Y&D- Copy of action to Best. 12/11			To Boston 12/6- concurs in opinion- W copy Y&D
532155	11:16 12:11	Bar Harbor C. Ann	Report showing two instances of exception- ally long distance communications. W
532425	12/2	Bar Harbor	Report on test with Gibraltar Rock. W.
		Copy	Bar Harbor- 12/4 (T) W
532423	12/2	Bar Harbor	Report on test with Wallupe. W.
		Copy	
532456	12/2	Y&D	Rel. copy of specifications cov electrical distribution system for. W.

FRANCE: BAR HARBOR

26 ✓

Number.	Date.	From or To -	Subject.
517219	9-11	Bar Harbor	Correspondence re securing coal; W
517967	9-20	To Boston (T)	Advise rel placing Seawall out of commission. more than one day. W
517967	9-18	D.C.S. 1st Dist (T)	Auth request to transfer electricians from Otter Cliffs to Portland for temporary duty; also reports in conn with transferring spark transmitter from Seawall to new transmitting a use; W 1st Dist- Copy- Actual transfer of transmitter will req lrs one day. 9/24 W. CO OHIO 9/25 W. J.C.S. ED-(-18002-323 -6)
519393	9-25	Y&D	Fwds specifications covering coal bins at Bar Harbor; W
519133	9/25	1st Dist. Copy	Request inform rel to wave lengths desired on arc set at Ottercliffs. W. To Boston 9-28
519165	9/22	Solicitor	Bar Harbor- fwsd copies of deeds and map of property. W.
519484	9-27	Bar Harbor (copy)	J.A.C. Palmer request auth for removing personal property from Bar Harbor; E

, FRANCE BAR HARBOR

Number.	Date.	From or To—	Subject.
519660	9/27	Y&D	Fwds copies of deeds and prints showing property, transmitting station at Bar Harbor W
519760	9/29	Bar Harbor Copy	Received dispatch from P.O.3. stating are working with new station. W.
520930	9/16 9/30	Bar Harbor Lept	Request for horses, sled, wagon and equip for use at Ottercliffa. W. RM Secty 10/14 BB 10/22 W. W. Paw Lorton 10-23
521221	10/8	To S&A	Reqt shipment of wave meter from Washn to Seawall W RM 1-22-21
521305	10/5	Bar Harbor Copy	Request unfilled portion of requisition covering forms be fwded at once. W.
521511	10/11	To Bar Harbor	Tape on Lyons- radiotelegraph- Reqs wd samples to Bar for transmittal to officer in charts. copy Boston W Bar Secty - fws samples of tape made on LOTS. 12/7 W To Intelligence 12/13 Samples covering addtl allotment rec for station. W. Boston 10/13 To Boston (1) 10/19 To Post n- police getting equipment at Seawall 10/19 Boston- (1) Will fwd details by letter. 10/21 W Boston: report on expenditures. 10-28: W Boston: 10-29: W
522139	10/1 To Boston	11/4 (2)	

Number.	Date.	From or To—	Subject.
507961	7/27	Boston	Quarterly inspection report. W. Boston-Quarterly inspection report-7/27-1
508111	7/19	Alexander Forbes	Request for visit to Ottercliffs. 1 To Bar Harbor. granted 7/29 To Alexander Forbes 7/29 Communications 8/9 W.
509658	8/3	Boston	Request Washington Yard be authorized to ship motor and water circulating pump for a/c instn. W. To Washn. rel pump and motor for SEA AIL 8/7
509966	7/26/ 8/5	Bar Harbor Communications	Future developments of Ottercliffs sta. acquisition of property for - fwd prints with recommendations W.
511047	8/10	Boston	Recommends 4 amplifiers to sum. W.
510442	8-12	To S&A	Reqst shipmt of pump from Washn to Bar Harbor Boston (T) pump and motor not received; request be traced: 9-14: W/15 To Boston (T) 9/15

FRANCE BAR HARBOR

Number.	Date.	From or To	Subject.
511351	8/1	Bar Harbor Copy	Report on test. W.
511397	8/13	Bar Harbor Copy	Write to Com. Bureau on account of interference from C. station. W.
512419	8/19	Bar Harbor Copy	Request forms be furn. for reports. W.
513159	8-25	To S&A	Reqt shipment of radio appr from Washington to Bar Harbor W.
514415	8-31	To S&A	Reqt shipment from Washington to Bar Harbor radio amplifiers W. Case of ship order 1/6/21 5789
514778	8/28 8/30 To S&A 10/20	Bar Harbor Boston	Request spares for spark gap at Seawall sta. W. To Boston. ship being made 9/2 To Com. Bureau from Seawall to Bar Harbor radio spark gap 9/16 Ship to Bar Harbor 9/16 Advise action taken re adding machine for Bar Harbor. Com. Boston and CO S&A- Copy of action to Boston. 9/8 W.
514877	9-4	To S&A	
515884	9/2	Y&D	Copy of letter to Boston Yard recommending all work on Seawall, Bar Harbor be transferred to Boston Yard. W.
515165	9-8	To S&A	Typewriter for Bar Harbor. Reqt action. Copy to Com. Boston Bar Harbor. 9/11 W. Ed. Boston 9/15 RB 9/22 W.

FRANCE BAR HARBOR

1920

Number.	Date.	From or To--	Subject.
501147	6/16	Fed. Co.	Encls copy of letter from H.R. Cole requesting inquiries for 2 1/2 hr arc set. W. To C. H. Clark - 100 copies of corresp 6/28 To Fed- will be handled by Bur 6-29
501602	5/12 5/17	Bar Harbor Boston	Request 2 KW Lowenstein gas engine driven radio trans. station set be turn. Fwd Dir. Lav Com 6/24 RB C/25 W WC. To Boston 5/20 and Com
SE 56	6/25	Fwd Boston via SAA	Bar Harbor reimbursement to Mr. Fabbri covering improvements etc. RB com Cdt Boston Solicitor.
500159	from Card 23		A. Fabbri - (P) - Requisition 16 for principle amount not fwded. 6/30 W. To J. A. C. Palmer 7/1 To J. A. C. Palmer - gives correct status of case 7/6
514291	7/8	Boston	Confirms telephone conversation in conn with request for requisition in sum 76 covering Ottercliffs sta.
504346	7/9	G. H. Clark	Request permission to carry on experiments at Ottercliffs be extended thru Sept. W.

Number.	Date.	From or To—	Subject.
504530	7/10	Bar Harbor Copy	Subj: report on test with Rome; no interference with compensating wave.
504785	7-14	To S&A	Request shipment of barrage receiver from Washn to Bar Harbor. W
505355	7/13	Boston	Request allotment of \$700 be made at once, covering furniture for new quarters for operation. To Comm Boston. 7/29
505367	7/14	W&D	Copy of letter to Boston authorizing public works listed, at Bar Har. Br. W.
ENG 36/21	7/15	To Comm	Special land line telegraph service between Dept and Bar Harbor with loops at Whitehall St NY and Boston. WR
505920	7/16	Boston	Request information as to status of porcelain insulators. Cr. W. To Boston. instructions rel shipt 7/22
501742	7/13	Boston	Plans map showing power station of Bar Harbor of Machin River Power Co. with report covering characteristics and reliability of power generating instruments. 876
506973	7/26	To S&A	Request shipment of 4 insulators from NY to Seawall Maine. serial number 3823.

FRANCE; BAR HARBOR

1920

Number.	Date.	From or To—	Subject.
497382	6-3	To Director Naval Intel	Fwds telegram from Danish Comm in which
		Danish Commission (T) - Request	regst made to visit Bar Harbor - TIMES
		permission for Capt. Faber and Cmdr	suggested as ship available W
		Schlederman to visit Bar Harbor. 6/2	To Bar Harbor (T) regst meet Capt. Faber
		Danish Mission (T) - Subm thanks for	and Co. or Schlederman of Danish Radio Comm
		authority to visit Bar Harbor. 6/4	June 4th rel visit to station 6/3
		Bar Harbor (T) - Danish Mission arrived	To Danish Comm Schlectady (T) Arranged for
		6/4	visit 6/2
497024	6-3	Danish Commission (T) 6/14 W	Regst all material and supplies in store
		To SEA	at Bar Harbor be transferred to Naval Supply
			account to be charged against appropriation
			Engineering when drawn from store. W Copy
			Comdt Boston.
			See Fwds report from Bar Harbor 6/30 W
497682	6/3	Communications	Fwds request of Chief Gunner, A. F. Wallis
			to publish articles attached, on Otter Cliffs. W
			fwd Intel 6-10
497828	6/2	Ports.	Subm monthly report covering progress, transmitting
	6/4	Y&D	station, and quarters at Sea Wall Station. W.
			fwd Y&D 6-11
498945	6/9	Solicitor Palmer	Request material listed be returned when
			station is turned back to Govt. W.
			Subst order of meter from Wash to Bar Harbor
			6-11 AB 7/24 W.
499			To Mr. Fabbri - Fwds copy of letter - asks info
			in re to 6-17
			A. Fabbri - in conn with status of Ottercliffe
			station. 6/21 W.
			fwd Sol 6-24
504346	7-10	To Boston (T)	Notify Bar Harbor permit Clark to carry on
			expr work as regst W

Number.	Date.	From or To—	Subject.
500072	6/17	Boston Copy	Palmer property, Ottercliffa, paid for 5/7 W
500159 TO CARD 24	6/13	F. Fabbri (T) A. Fabbri (T) - Ask if any further reason for delay in payments. 6/24 W A. Fabbri (T) - Station belongs to To A. Fabbri (T) re: payment 6-28	Transfer of Palmer property completed and check received. Request for his reimburse- ment. W To A. Fabbri - (T) Solicitor has released reqns 6-18
500211	6/9	Hon. J.A. Patera	Request cost during the war of Ottercliffa station. W Memo from Admiral Griffin to Comdr. Hooper, 6/11 W To Congressman - J.A. Patera - summary of 6-18 W
Reqn. 16	7/29	To S&A	Re: From Solicitor, 6/21, stating title of Millbridge and Palmer is now vested in the U. S. - in conn with reimbursement of A. Fabbri. WR
Reqn 56	10/6	To S&A	Recd Back, from Solicitor, 6/21, stating title of Millbridge and Palmer is now vested in the U. S. - in conn with reimbursement of A. Fabbri. WR
501050	6/12 ?	Bar Harbor Boston	In conn with transfer of unds recd from sale of coal to Personnel of Ottercliffa station. W

RECEIVED 1920 APR 19

Number.	Date.	From or To—	Subject.	
488802	4/13 4/21	1st Dist Communications	Quarterly inspection report	W.
489378	4/22	Boston	Request station's maintenance allowance be increased \$2500, to cover cost of civilian employment. To Cdt Boston- auth increase 4-29	W.
489844	4/24	Bostonv.	Request spare quenched spark gap be furnished for Sag Harbor Radio Sta. To Boston- Do not consider advisable to provide duplicate quenched gap 4/28	W.
490229	4/15 4/28	1st Dist Boston	Quarterly inspection report	W.
462678	FROM CARD 19		Boston- Request disposition of excess hot air furnaces. 5/8 To Boston- turn in store for survey 5/11	
494243	5/17	Boston	Quarterly inspection report To Cdt Boston action will be taken by Boston yard 5/28	W.

FRANCE: BAR HARBOR

1920

Number.	Date.	From or To—	Subject.	
464310	5-10	To Secty	Recommends for appvl \$49,000.00 be auth for outlined work. W	604
493042	5/10	Boston	Confirms telap. one conversation resting authority to send Lt. Cmdr. Will to Bar H. to inspect station.	For W.
493161	5/12	Boston (T)	Request authority for Bar Harbor to supply two storage batteries, temporary trial course. To Boston (T) auth granted 5/13	W.
493532	5/12	Bur stand. Labr.	Subm memo on reception of Cayey at Otter	W.
494037	5/12	Boston - 3 am report with print. 7/22	Cliffs. Twd Bost'n 5/17	W.
	5/12	2nd Dr. Austin vi MI 7/30	Bar Harbor - Copy - Report on results obtained 6/17 W	
	5/12	R. B. 9/25 10/4 W.	To Bar Harbor (T) 5/15	W.
	5/17	To Bostn	Copy - In com mission; read, to furnish bearings.	W.
		Bar Harbor Copy	Otter cliffs - Copy - lat. sta. not heard 5/18	W.
			Otter cliffs - Copy - lat. not heard 5/19	W.
			To Bar Harbor - Tel test 5/19 (no results Bu stas)	W.
494240	5/18	1st Dist Copy	Radio compass station, Ottercliffs place in commission 5/17	W.
494237	5/15	Boston	Quarterly inspection report	W.
464310	5-21	To Comdt Boston	Recommendation made to Asst Secty for Ford passenger car, for B. Harbor disapproved	604

FRANCE BAR HARBOR

Number.	Date.	From or To—	Subject.	
✓ 475834	2/9 2/11	Communications Naval Intelligence	Fwds article by O. E. Dunlap, Jr., regarding Bar Harbor Station; Ask if satisf to publish. fwd DMI 2/17	W.
Other Cliffs S&A 8-3-20	2-16	Fwd S&A	Radio Station Bar Harbor. Adding machine. copy to Boston and Off-In-Charge Bar Harbor. W	
477745	2/21	Boston	Request radio material listed be issued to Bar Harbor station. To Cdt Boston 3/3 S. 1st order from Wash to Bar Harbor 3/5 To Cdt Boston 2/28	W
479922	3/4 To Boston-	Boston disapproves 5/6	Recommends 2 horses, harness, wagon and shed be provided for communications between Bar Harbor, Sea Wall and Otter Cliffs; also recommends motor sailing launch be assigned fwd Comm 3/9 RB 4/11 fwd Boston 3-12 RB 3/26 fwd Secty- recs expend of \$1400. 4/5 RB 5/3 Y&O- 4/19 Copy of action to Dept. W. 4/16	W
Boston SE 135	3-6	Fwd S&A	Payment to W.E. Woods as Expert Radio Aid in civilian capacity at Bar Harbor. W	
Boston SE 16.	3-10	To Solicitor	Radio Station Bar Harbor, contract covering purchase from Mr. Fabbri. W	

N.S.E. Form 134.

FRANCE: BAR HARBOR

Number.	Date.	From or To—	Subject.	
483289	3/23	Y&D	Rigging and repairs to mast- request allotment be made to cover over-expenditure to Y&D 3/29	W.
483495	3/23	Bar Harbor	Fwds request of GE Co. to make certain comparative radio signal strength receiving test at Otter Cliffs. To Comdt Boston 3/27 copy Bar Harbor To H.H. Beverage. permission granted 3/27 copy Bar Harbor Otter Cliffs-copy- GE Co. representatives request authority to install appars. 6/9 W.	W.
485393	3/31	Boston	Quarterly inspection report	W.
464310	1-28	Boston	Outline of work Seawalla Radio Sta; W	604
464310	3-31	Boston	Outline of radio work Otter Cliff radi sta; W	604
486956	4/9 4/10	1st Dist Communications	Quarterly inspection report. W. Fwd Com. notes condition OTTER CLIFFS 4/13	
488303	4/17	Bost	Request antenna characteristic data of Otter Cliffs and Dea Wall Station, obtained by 7.1 Co representative be furn.	W.
		To Cdt Boston- fwds prints 4-20		

FRANCE BAR HARBOR:

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Number.	Date.	From or To--	Subject.
✓ 465899	12-27	To I.M. Ports	Appledore Station. Re Establishment of.
466017	12/18 12/29	1st Dist. Communications	Quarterly inspection report. Fwd Communications. 12-31 W.
✓ 466569	1-3	To S&A	1920 ✓ Rept shipment receivers from Wash to Bar Harbor. W
Boston SE 12 1-8	1-8	Fwd Comdt Boston	Reqn covering services of Aide W.E. Woods- Bar Harbor Station. W-R
469580	1/10	Boston	Subm request for experimental work. To Boston- Lists material to be shipped to Bar Harbor. 1-17 W.
469809	1/12 1/14	Bar Harbor Boston	Reports receipt of Ford motor truck in bad condition. Fwd Y&D. 1-17 RB-1;26 W.
471414	1:22 To Boston.	Boston	Pump house to be used in connection with new artesian well- submits estimate covering extension to ?? same. W
\$1000.	copy to Y&D. 1-24	Auth expenditure of	

920-2:FRANCE: BAR HARBOR:

Number.	Date.	From or To—	Subject.	
472048	1:26	Comm	Request issue necessary instrns to retune radio station at Bar Harbor to 2400 meters.W	
2 473283	1:27	Boston copy	Request Y&D expedite installation of pump for new artes/an well.W Y&D copy of action to Boston-1:29 To Boston (T) 1/29	
473463	9:20 1:30	Bar Harbor 1st Dist	Request detachment of chaser 407 and assignment of 40 foot motor sailing launch and 14 foot wherry.W&Y To C&R 2/5 C&R 2/28	
474655	1/7	1st Dist Copy	All wireless down between Bar Harbor and Otter Cliffs. 1st Dist- Copy - damage repairs. 2/7 1st Dist- Copy - Seawall in commission. 2/8 Bar Harbor - Copy - Report on damage. 2/8 Boston- Copy 2/7 1st Dist 2/7 - Copy	W.
475074	2/9	A. Fabri (T)	Request payment. Boston- 2/11 - (T) - Check will be issued when papers are recd. 2/11 To Boston (T) 2/18 Boston-(T)-Payment of Fabri completed. 2/19	W.
475423	2/11	Bost (T)	Request authority to draw vacuum tubes from store for. To Boston (T) 2/13	

Number.	Date.	From or To—	Subject.	
460097	11/28	To Cdt Boston	Asks fwd statement showing cost of operation of photographic recorder per work recd at Otter Cliffs if data can be made available. W	839
461886	12/6	Bar Harbor (T)	Request amplifiers ship to Station for test use by Dr. Austin be permanently assigned to Station. To Otter Cliffs (T) auth retain ship ord amen 12/8	
462198	12/6	Boston	Quarterly inspection report.	W.
6241	12/5	To Boston (T)	Spare vacuum tube can be obtained from GE Co. Rept these to be sent to prevent recorder Otter Cliffs going out of commission. W. Copy to Officer - in - Charge Otter Cliffs.	629
462678	12:10	Boston	Quarterly inspection report. W	
TO CARD	Y&D. Copy of ship order cov		To Comdt Boston - preheat heating system to be retained as recommended. copy to 1st Dist	12-12
22	hot air furnaces from Army Sup		Boston - 12/19	
462689	12:9	Boston	Fwd Y&D. 12-23 RB 1/8 Quarterly inspection report-Seawall Station. W	
463199	12/13	Bar Harbor (Copy)	Kennay has completed all measurements on receiving antenna at Bar Harbor and Seawall. W.	

920 - 2 FRANCE; BAR HARBOR;

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Number	Date	From or To—	Subject	
462142	12-10	To Otter Cliffs (T)	Meet GE Co representative Mr. Kinney Thursday Morning 8:55. Lists information desired. W	
464177	12/17	Navigation	In conn with recreational facilities at Bar Harbor Station. Fwd Comdt Boston via D.N.C. 12-22 RB 2/4 W. Fwd Opr via Com 2/7 RB 2/10 Fwd Opr via Com 2/13	
464595	12/17	Bar Harbor	Copy of letter to Boston requesting inspection clause, covering completion of Artesian well drilled by Scribner Artesian Well Co. be fwded as soon as possible. W.	
464974	12/20 12/22	1st Dist. Com	See Wall Point transmitting station - quarterly inspection re art. Fwd D.N.C. 12-26	
465131	12/9 12/22	Ports Boston	Request designate definite allotment to which pay of Firemen at Bar Harbor may be charged. W.	
465069	12-26 Fwd Boston 1-14	To Com via Y&D RB 1/19	Cottages at Bar Harbor. Advise if 8 of the portable cottages at Indian Head and not required can be used. W copy to Boston RB 1/13	

FRANCE: BAR HARBOR

Number.	Date.	From or To--	Subject.	
452106	10/11 10/17	Bar Harbor Boston	Submits report of damage to Denby motor truck request exchange of for 1/2 ton Ford Truck. To Boston-Bu will reqst damaged motor truck No 4014 at Bar Harbor shipped to Navy Yrd Boston: 10:20 To Y&D-Gives damages to Denby truck. 10:20	W
452333	10/3 10/16	1st Dist. Navigation	Request Webster's Standard Dictionary be furnished. W. To Boston-Fwd 10:21 RB 10/27 fwd Nav 10/30 RB 11-15	
452442	10/17	Boston	Subm report with sketches in conn with work during fiscal year 1920 Bar Harbor. W. To Y&D- allotment of 20,000 10/14 To Cdt Boston re. to work in conn with sta 10/24 Y&D 10/27 To Y&D- reqst expedite 4/26 cc Boston and Boston Y&D - retns balance from allotment 4/30 - WK Y&D - copy of action to Bosh - 4/30 - W	
452767	10/23	Fwd Cdt Boston	Req from Otter Cliffs for amplifier. W	
421739	FROM CARD 11 Boston 2/25	To Boston 2/6 copy C.G. Boston- Cable has bot been called for. 4/7 To Boston- apovl of action- shipt order should be corrected read 19 reels instead of 20 4-10 copy S&A Cdt Bar Harbor and C.G.	Boston 10/24 Coast Guard-Repairs to submarine cable completed. 11:4 To Boston- cable be del CG Cable Ship for shipt to Bar Harbor for installn at that point 11/8 To Coast Guard- 11/10 cc to Com Boston DCS 1st Dist Bar Harbor- Copy of letter to Boston 11/8 Coast Guard 11/12 To Commn- reqst action be taken to retain phone contr line 11/13 cc to Boston and BH To Bx ton via Com suggests retain sub cable until finally repaired 11/17 cc to 1st Dist Bar H and C.G.	

Number.	Date.	From or To—	Subject.
✓ 454607 See 920-4 To San Juna- vi. 11-advise status 6/29	10/28	Cayce Light & Ice Co.	Subm offer to build hydro elec power plant - copy of ordinance enclosed covering Cayce Station. To suggest decisions be delayed three or four months pending legislation covering 11/6 To
✓ 455484	11/2	A. Fabbri T	Recd statement on Bar Harbor matter. To A Fabbri(T) papers not recd from Dist Atty. 11/6
455737	11:1	Boston	Conf tel in conn with proposed improvements at Bar Harbor. W
457519	11/14	To Cdt Boston	Recd fwd forms SEE 25-A 7 Boston- Fwdls radi form 1/14 To Boston- Forms listed need not be prepared. 1-17
458587	11/20	To SAL	Recd shipment from Boston to Otter Cliffs 24 vacuum tubes. W
459961 Fwd action Y&D 12-24 45967E 11/25	11-25	Bar Harbor (T) To Boston (T)-Referred Y&D for tracing through Y&D. 12-23 as 1/19 Otter Cliffs (C)	New artesian well drilled- Report on capacity of. Boston- (T)-Asks status of requisition for pump for well. 12/20 Recd 2 vacuum tubes be supplied as soon as possible W

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FRANCE: BAR HARBOR

Number.	Date.	From or To	Subject.	
5 446675	8:20 9:19	1st Naval Dist Boston	Ottercliffs, fwsd GE bill for tone traps. fwd S&A 9/30	WK
447295	9:23	Com	Report on inspec of radio stat at Ottercliffs. fwd Oct Boston 10/8 RB 10:20 Fwd Communications 10/23 AS 10/25 To Boston-Improvements desired at Otter Cliff, matter to be taken up at end of present fiscal year. 10:31	
447347	9:24	Com	Reports on inspec of naval radio station Seawall, Me.	
447510	9:16 9:23	Bar Harbor Boston	Reqt repairs to sanitary system at Ottercliffs. W To Boston- auth expd 9/29 cc to Bar Harbor VAD- W	
447706	9:20 9:23	Boston Com	Fwsd quarterly inspec report radio transn Sta Seawall, Me.	

FRANCE; BAR HARBOR

Number.	Date.	From or To--	Subject.
448024	9/29	To Comd Boston	Radio telegraph- amplifiers in connection with high speed recorder at Naval Radio sta Otter Cliff, Bar Harbor Me., W cc to Bar Harbor
448622	9:29	Boston	Conf tel conv rel to repairs to cottage used as quarters at Bar Harbor. W
449213	10:3	Boston	Fwd reqst cov improvement to cottage of officers in charge at Bar Harbor, also prints. W To Sec Navy-Auth exp of \$4,300 for improvements to bungalow. 10:13 To Secty- in re to remodeling of bung 10/24 RB 10/31 fwd Boston 11/3
449188	2:30	Bar Harbor	Fwd proposal and drawings cov improvements to bungalow for officers in charge. W
451221	10:13	Pearl Harbor	Problem #17 of test not received; W Rel Bar Harbor 10/14 (T) Bar Harbor-Tel 10:17

FRANCE: BAR HARBOR

Number.	Date.	From or To -	Subject.
442573	8:16 8:27	Bar Harbor Boston	Sub request for plant. W To Boston- constructions authorized cost 100.00 chargeable to Engr 9/5
420719	FROM CARD 11		Civil Service Commission 8-22; Dept 8-29; Auth temporary appointment of <u>W E Woods</u> , Bar Harbor. fwd Dent 9/5 Bar Harbor-Tel 10:4 W. E. Woods will accept appt at Bar Harbor as radio aide if certain of receiving salary when due and permanency of position is assured W 450669- 635-1 10/6
1st. Dist NSA 51 9/5		Fwd Comdt. Boston via Comdt 1st Dist	Info request what service vessel performs in conn w Bar Harbor and if motor tugs are not sufficient to provide necessary transp facilities. W
444154	9-5	Boston	Otter Cliffs- Quarterly inspection. W

Number.	Date.	From or To	Subject.	
✓ 444226	9-5	Boston	Reports on radio Station Sea Wall (Otter Cliffs). Quarterly inspection.	W
J 444325	9-5	Otter Cliffs	Copy of letter to Boston re permanently installing <u>Alexanderson Barrage Receiving System</u> ; cost of, etc.	W
✓ 444780	9-5 9-9	Boston Communications	Quarterly inspection Radio Sta Otter Cliffs. W	
Boston SE	16/20	9-13 To Solicitor	Radio telegraph-Radio station Bar Harbor reimbursement to Mr. Fabbri covering improvements. W R	
✓ 445602	9-15	Y&D	Transmits specification covg direction of radio sta Otter Cliffs, Bar Harbor, Me.	W
✓ 445844	9-17	Bar Harbor (T)	Rec hold up installn of 12 KW arc transmitter at Sea Wall until permanent operating house completed- Arc not needed this winter.	W

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FRANCE: BAR HARBOR.

Number.	Date.	From or To—	Subject.	
✓ 440731	8:18	Bar Harbor Boston	Reqt station be furnished with cost. two SAs 8/21 and Operations 9/23 R B 9-16 Phila -22	W
441203	8:20	Boston	Reqt auth to issue tube for amplifiers to Bar Harbor. W	
441196	8:22	Boston	Tel-Reqt auth issue vacuum tube to Bar Harbor. W To Boston-Tel- Vacuum tubes auth. 8:22	
441340	8:22	Bar Harbor Tel	Reqt auth to return 6 tone traps rec from GE Co. W	
Boston 16 SE 8/18		To Otter Cliffs Tel	16016: Sol withholding reque until actual transfer of title Palmer and Millbridge properties effected W-R	

Number.	Date.	From or To--	Subject.
441715	8:25	Bar Harbor (A Fabbri) T	Reqst instruc as to how to transf property Gov, abstract of titled prepared. W To Bar Harbor-Replies to tel. 8:26
441813	8:22	Bar Harbor	Reqs plans and recs cov Seawall Transm Station. W
441346	8:26	To Bar Harbor	Final instruc will be issued later. T To Bar Harbor via Boston- re slmmts 9/15 To Otter Cliffs via Boston 3/13 reqst report operation of tom traps. To Balboa- fwds report of results obtained from Bar Harbor. reqst further tests 4-12 15th Dist- fwds sketch of experimental connections installed in conn with tom trap with re. ort on. 5/1 W.
442574	8:20 8:27	Bar Harbor Boston	Report of experiments cov by L W Austin W

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FRANCE; BAR HARBOR

Number.	Date.	From or To--	Subject.
✓ 433775	7:18	L. Fabbri Tel	Reqst reimbursement cov furnish truck for transportation at Bar Harbor Station.
✓ 434071	7/23	To Comdt Boston	Fwds prints in com w installn of arc transmitters for stations Seawall, Bar Harbor. W
✓ 435153	7:10 7:21	Bar Harbor Boston	Acceptor and rejecter circuit sets be furn. W To Boston co to Otter C letter of 7/10 will be given consideration 7/29
✓ 434988	7:23	Ottercliffe	✓ Reqst expedite amplifiers. To S&A req ship from Wash to Otter Cliffs amplifier 7/29 To Otter Cliffs Tel 7/31 To S&A amend of ship order 12/9
✓ 435139	7/26	To Boston	Reqst that representative of GE Co be permitted to make experiments at Otter Cliffs, in com with receiving equipment loaned Dept, alexanderson Barrage installed there. W co to Otter Cliffs Bar Harbor.

Number.	Date.	From or To--	Subject.
435855	7/31	A Fabbri	In con with tel test with George Washington. operation of instruments at Ottercliff Sta. W
435154	8/1	To Bureau Standards Airc Laboratory	Fwdg copy of letter from G. W. Pickard and J. A. Proctor to Lt. Fabbri W
435155	8/1	To Bureau Standards Radio Research Lab.	Fwdg copy of letters from G W Pickard and J. A. Proctor. rel to receiving system at Otter Cliffs to Lt. Fabbri W
418643	FROM CARD 11		To Cdt Boston- Req proceed with install work and temporary provision made in conn with insulation as will insure operations 8/11 as to Bar Harbor
Boston 9 1/2	8/15	Fwd SEA	with contract be placed with Scribner Artesian Well Co. W

N.S.E. Form 134.

REMARKS: BAR HARBOR:

Number.	Date.	From or To—	Subject.
✓ 427272	6:20	Boston	Reqt auth to make nec changes on instal of Bar Harbor Coll. Sta. Boston-reqst action Tel 6:25 Is. 13-1-1-sub report Ensign Dean. 7 5: 8 To Boston Tel 6/24
✓ 427630	6:19	Boston	Reqt spec allotment of \$200 be auth cov material listed. To Boston- reqst is supplies can be obtained from stock of material instead of purchasing new articles 6/24 To Boast - auth expd of \$700.00 7/12
✓ 428318	6:18 6:24	Bar Harbor Boston	Reqt barbers chair and mirrors be shipped for barber shop. To Boston- reqst furnish articles from available stock turned in from station Harvard Radio Sch 7/1
✓ 428316	6:18 6:24	Bar Harbor Boston	Reqt ship material listed to furnish new C.P.O quarters.
✓ 428476	6:25	Ottercliffs Tel	Radio comp. reqst authority to leave electro static screen over coil. To Boston Tel 6/26

Number.	Date.	From or To--	Subject.	
✓ 428950	6:27	MI	Final shipment of arc app made by express 27th.	W
✓ 430858	7:7	Boston	Transformer at Seawall burned out, same being shipped to Boston for repairs.	W
✓ 433391	6-28	To Lt. A. Fabbri	Bu expresses appreciation of services in development of Radio station, Otter Cliffs, ME. A. Fabbri acknowledges receipt letter. 7/3	
✓ 433829	7/18	Bar Harbor T	High speed recorder out of commission - Reqt GE Co be notified - 7 To GE Tel 7/19 GE Co 7:21 To GE Tel 7/19	
✓ 433822	7:17	Bar Harbor	Reqt station be sup with amplifiers and generators.	W

Number.	Date.	From or To—	Subject.	
417986 see 60	5/28	To James V Good Chairman App Comm	Best appropriation under naval establishment be included in deficiency bill now under consideration, for purchase of land w/inner for site station Bar Harbor, and reimbursement Mr. Alessandro Sabbri.	604 K.
✓ 423322	6-6	Fwded Naval Intell	Concurs in Director Communications endorsement rel to publication of articles concerning station Bar Harbor.	
423012	6/2	Fwded Communications	Equipment transferred to Otter Cliffs in 1918— quotes from despatch. N.	855
424169	6:7	Bar Harbor	Permanent complement for Bar Harbor Station including Seawall and Compass Station, recs cov.	W
✓ 424258	6:8 6:9	Fleet Sup Base NY Com Super	Fwds invoice from Seagate also rental for Marconie Station. Ind FBB 6-12	W

FRANCE: BAR HARBOR. 920 -- 2

Number.	Date.	From or To—	Subject.
423646	6/5	Marconi Co	Have been requested to bid on Bar Harbor Radio Station, now occupied by navy. Reqt instructions. W To station not for sale. 6/10 To Mol—Reqt leases of property in vicinity be obtained. 6/10
424928	6-13	To Y&D 1st Dist Bar Harbor Reqt auto be furnished. 11/28	Reqt furnish automobile for officer in charge Bar Harbor. W as to Bos & Off in charge Bar Harbor. To Y&D - 5:25 Y&D 6:28 To Bar Harbor- Dept disapprove Reqt turn auto cannot furnish same. 6/30 Bar Harbor-Asks when deliv of auto may be exp. 9:25 Ends sample of high speed key test with 920-1 report cov.
425146	6/11	Bar Harbor	
425900	6/14	Boston	Quarterly inspec report Seawall Tramm Sta.
425102	6-16	To S&A	Reqt Fed Tel Co be directed to furnish material as addl item under cost plus contract 39649 covering arc radio equipment W
426551	6/18	To Hon C S Page	Reqt increase proviso in naval appropriation bill covering purchase of site for radio sta Oiler cliffs, to read \$2,500,000 of 30,000.00 604-20

Number.	Date.	From or To—	Subject.	
416921	5-10	To S&A	Req t shipment from Washn to Bar Harbor 5 radio storage batteries W RE 5:16	
418094	5:13	Sayville Tel	Fed tel Co will rep reqst authority to take pictures of station, ground and app.	W
418552	5/2 5/14	1st Dist. Boston	Reqst radio apparatus listed be furnished at once. T. Dept. in reqst. if assumption is corr ct radio app. be furnished to Dept. 5-17	W
346053 see 4 and 7a	5-16	Fwded SE	SE authorized to spend \$12,434.90 for purpose of reimbursing Lt. Fabbri for tangible personal property etc. W RE 6:25 Fwd Secty Navy 5-21 To Otter Cliff & Boston Tel 6/21 To Boston via S&A- reqst sub. re cov. reimb to Mr Fabbri in sum of \$18947.74 Com-Sub correspondence in con with 3:11	
418643	5:16	Fwd to Dept	Boston-Fwds drawings of Seawall Transm Sta. 7:22 Received back 5:21 To K W- detailed info reqs re leadin insul to opr bldg and relation to appr. at Miami 5-27 To Boston n- info reqs details Sea Wall Sta Bar Harbor Me. 5-27 Key West-Infor rel to water sup at Key West 6/10 Fwds prints showing arrangements of towers and antenna system at Miami. W To Bos- req info re sta SEAWALL 7/29 Bpstopn - 8:2	

1918

FRANCE

Number.	Date.	From or To—	Subject.	
420719 ~~TO CARD 16~~ 419295	5-21 5-23 5/20	1st Dist Communications Bar Harbor - rec take Civil Ser examination 6-10 Boston	Quarterly inspection report Bar Harbor Sta To Boston - approval and cost 11-00 9-26 Boston 5:3 Recs W E Woods be appointed Exp aid. Cross to 635-3 Reqst expedite delivery of spare parts for photo recorder ordered from General Elec Co. To Boston Tel 5/19 To GE Co Tel 5/19 G E Co 5/22 Status of shipt of tyape and spare rollers for photographic recording device at Bar Harbor.	W 864
421739 SEE CARD 18 SE 94	5:23 5:26 RB from Bar Harbor 9:27 To CG Wash 9/30 Coast Grd 10:5 To Boston 10/6 5-31	1st Dist Com fwd Com 10/28 fwded Ordnance	Reqst sub cable for radio control. Seawall Transm Station from Ottercliff be furnished. W To CG- auth Comdt Boston arrang to provide laying of cable between Sea Wall and Bar Harbor req instructions be issued by CG 6/28 fwd Boston 7/5 Corresp re station Bar Harbor machine guns reqst reimbursement in sum of 1778.68 reqn attached. W	
422677	5:20 5:2	Wash SEA	Reqst gov bill of lading 164 cov radio app from Bar Harbor be furnished. fwd SEA 6-7	W
422732	5:12 5:21	Ports Boston	Reqst instrue in con with instal auxiliary antenna Seawall Radio Station. To SEA - reqst ship of 1st antenna to Bar Harbor - cc to Boston BH DCs 1st Dist 6-10	W

1919

10

Number.	Date.	From or To—	Subject.	
412762	4:16 4:21	1st Dist Boston	Sub req for officers mess gear. To Boston-Approves furnishings for officers mess gear. 4:29	W
413365	4:19	Bar Harbor	Req supplies for Seawall Transmitting Station. To Boston-Fwds 4:29	W
413367	4:19	Ottercliffs	Req wheel-barrel. To Boston-Authorizes. 4:29	W
412942	4-24	To S&A	Reqst shipment from South Brook to Bar Harbor -gins. radio quenched spark gap W RB 5/31	
414130	4:11 4:26	Bar Harbor Boston	Recs that wire be furnished for under gr antenna of Alexanderson barrage. rec. To Boston-Reqst details of instal. 4:30 Bar Harbor 4:30 Fwd Received back 5:17 fwd Bar Harbor 5-20 RB 7:21	W
417730	5:7 5:10	Bar Harbor 1st Dist	Expert radio aide Bar Harbor. recs for recs W E Woods be appointed \$10.00 per day Fwded Boston 5-13	W

1919

Number.	Date.	From or To--	Subject.	
414616	4:23	Boston	Fwds invoice for set and reqst instruments for proper accounting of supplies as maintenance allowance is over drawn. To Ports-Fwd 4:29	W
414928	4:14	Pearl Harbor	Reqst for ladders. To Boston-Gives list of ladders to be furnished Bar Harbor. 5:3	W W
415115	4:25	Bar Harbor T	Sub report for past 48 hours.	W
416647	5:7	Bar Harbor T	Reqst one doz bat and elec light be fwd without delay, no spares on hand. To Otter Cliffs Tel 5-9	W
416998	5:8	Ottercliffs T	1. Gives reasons why increase in allotment is req. To Tel 5-9 To acct 4. Tel 5-10	W
417042	5:6	Bar Harbor	Progress report of April.	W

FRANCE:

Number.	Date.	From or To	Subject.	
404414	3:19	Bar Harbor	Req addition carbon resistance. fwd Otter Cliffs 3-24	W
404969	3-21	Portsmouth	Fwds photographs showing general views of Sewall Main Radio Station W	
405986	3:25	Bar Harbor	Fwds sample of tape on high speed test of Annapolis and non compensating wave test.	W
405543	3-26	To Otter Cliffs.	Reqst set of photographs in duplicate showing features of interest in conn with station- To Ottercliffs- info reqst receipt of photo 5-13 To Otter Cliffs- reqst info when photographs reqst ltr of 3-26 recd 6-14 RB 3:21	
410002	3:13 4:10	Bar Harbor Y&D	Bar Harbor-Fwds photos of Bar Harbor Station 6:20 Submits req for construction of sick bay contagious wards. To- authorizes 4-12	W
410265	4:8	Dept	Authorizes purchase of land occupied by Naval Radio Station at Ottercliffs, Me. Hon. F E Warner-6:2	W

Number.	Date.	From or To—	Subject.	
410244	4:9	Ports	Receiving station at Ottercliffs. fwsd copy of correspondence and plats. To Naval Com-Bud 4:28	W
410474	4:9	Ottercliffs	Req 10 kw spark transmitter. fwd Boston 4-21 BB 4:30	W
411951	4:14 4:16	Bar Harbor Boston	Req 1 doz Edison A batteries be furnished. To Boston—Will arrangement shipment of bat. 4:30	W
411952	4:14 4:16	Bar Harbor Boston	Req rubber stamps. To Boston—Fwd 4:29	W
411947	4:11 4:16	Bar Harbor Boston	Req complete washing device for dish washing as used on board ship for washing of mess gear. To Boston—Fwd 4:29	W
411877	4-19	To Boston	Reqst inspection of transmitter Sen Wall, and report fwd. W	

10 10

8

FRANCE:

Number.	Date.	From or To--	Subject.	
397752	2:6 2:25	Bar Harbor Y&D	Recess water pump driven by oil engine he provided for fire protection. To Otter Cliffs - Report on fire production. Bar Harbor 3:18 Report on fire production. Fwd Y & D 3:18 W recommendations	3-7
397147	3-28 5:20	To Radio Off Bostn Boston-Sub report of Expedition To Boston-increase in allot for station Bar Harbor Seawall and radio compass sta 5-24	Reconsideration of maintenance allowance Otter Cliffs Sta Boston-In con with increase and allowance. 3:29 To Boston- asks further info re excessive amt of items upkeep of 4-5 To Boston-Maintenance allowance. 4:28 W	
399467	3-4	Bar Harbor (T)	Facilities for housing and caring for chemical wagons available - W	
400896	3:8	Bar Harbor T	Impossible to use barrage set on acct grounding for antennae.	W
401448	3:11	Boston T	Radio tel Station seawall cont placed in commission lith. To Comm- re completion of Otter Cliffs 3-12	
401531	2:27 3:11	Bar Harbor Y&D	Fwd bill of E K Whitaker coy base in Marine Grd kitchen and instal of galvanized iron in front of kite on range. To Y&D 3-14	W

Number.	Date.	From or To—	Subject.	
✓ 402315	3:12 2:25	Bar Harbor Tel Elec Co	Rep for photo recorder shipped Bar Harbor Req order cov. Cross to Reg Moh.	W
			To Otter Cliffs—Directs obtain sup needed from Sup Officer, Navy 1rd Boston. 5:17	
✓ 402195	3:15	To S&A	Req shipment of four tone traps from Otter- Cliffs to Room 1636 Navy Bldg Wash. Bar Harbor—no new tone traps received. W To Otter Cliffs—re shipment to be made about middle of May tone traps 3-24 To Const Bldg—material ship July 15th 7/2 go to Otter Cliffs— Boston 8:4 To GE Co—ask info when del made 8/6 Req delivery date of 12 tone traps. GE Co—tone trap ready middle of May. 3:19	3:20
403050	3:17 GE Co - 8:11	To GE Co		
402320	3:15	To Cayey Porto Rico Tel.	DCS states Army req ret of barracks and Officer in Charge's quarters Cayey period.	
404384	3:19	1st Dist	Ret ship order # 377685-920-2 of 12:16:18 on rep on no rec and auction con boxes req in addition.	W

FRANCE:

Number.	Date.	From or To-	Subject.
371628	12/17	See Card 6	Bu advised that the Priorities Committee has discontinued issuing certificates. RL
372367	12-27	To Inspr Best	Asks completion of shipment of transformers on Ports Navy Yd order P-14825 W
382160	12:24 Ports alot. 4:3 and YAD 4-19	Ports Fwds report on cond of	Reports on status of power instal at Ottercliff station. S&A-Copy of endorsement to Ports give action 1:11 Y&D-Submits financial statement. 1:20 Y&D-Req additional allotment cov increased cost. W 4:4
381930	1-3	To Otter Cliffs-	Asks description and line sketch of tone traps installed by GH Bat Harbor-Photo recorder, sub report of test. Cross to 909. W Bat Harbor - 1:29 Bat Harbor-Sub diagram and descrip of circuit 3:11
382821	1:4	Ports	Fwds prints of antenna and ground system for Seward Station. W

1919

FRANCE

Number.	Date.	From or To—	Subject.	
✓ 383129	1-8	To Ch Signal Officer Army	- Fwd copy Bu l t to GE directing first photo receiving device completed be shipped to Otter Cliffs	W
346053	1/17	To 1st Naval District.	Req fwded by Commandant sum of \$500 is sufficient to cover expenses.	W-K
see 11	1/17	To Secty Navy via Naval Commun	Bar Harbor 4:2 - SOL 4:15 - Relative to arrangement which should be made to reimburse Lt. Fabbri.	
		Instructions re proposed purchase etc Bar Harbor. 5-8	SOL Recs. 4:15	
		to lease property at \$3,300 per	Com-Fwd's expense incurred by Lt. Fabbri. 4:25	
388607	1/23	Bar Harbor 1st Dist	To Naval Com-Bnd 4:28 - W	
			Bar Harbor 4:30	
			Req adding machine be furnished, gives reasons why.	W
			1st Dist disapproves purc of adding machine for Otter Cliffs Sta 1-28	
396272	2/18	GE	Photos rec'd instal at Bar Harbor req issue	
			instruc to fwd 2nd device with improved features	909
396984	2:21	Bar Harbor	Towers at Seawall comp 21st ready for test March 1st.	

920-2

1918

FRA CE

Number.	Date.	From or To—	Subject.	
377685	12-21	To SEA	Reqs shipment from Bar Harbor to Wash B long wave receivers and audion control boxes 1-21	W
~~382150~~	~~1-7~~	~~Fwd SEA~~	Reqs that they expedite getting word of contract for Sea Wall Station (Otter Cliffs) fwd Y&D 1-25 fwd Secty 4-11	W
385030	1-9	Bar Harbor	Report on test for housing facilities for motor trucks. W	
388333	1-17 1-24	5th Dist Y&D	Req estimate cov additions nec be approved and authorized. fwd Y&D 2-5	W
388657	1-28	Fwd 1st Dist	Disapproves purchase of adding machine for Otter Cliffs Station	W

FRANCE

Number.	Date.	From or To--	Subject.	
350373	10/19	Yds. & Docks	Contract 3445 for radio station Otter Cliffs awarded to E. H. Whitaker Fwd Otter Cliffs via 1st Dist via Ports 10-25 To Ports (1) Telegraph when will furniture etc Otter Cliffs radio barracks go fwd urgent 12-7	
360554	10/18	Bar Harbor	Fwd letter from A. S. Roderick relative to cost for searching title etc. Recommends same be added to cost of property. Dept-Considering authority. 10:29	
361434	11-1	To Otter Cliffs	NY 17421 Survey Land Relinquished	
361437	11-4	Fwd Dist	Entho for Otter Cliffs is approved	
364584	10:31	Bar Harbor	Req authority to have survey made on Seawall property by local survey	
364513	11/2	To Director Nav Com	Radio Station at Bar Harbor on 11:30 Fwd Encl.	
370713	11:29	Bar Harbor	Report on 11:30 Fwd Encl.	

2

RECEIVED:

Number.	Date.	From or To—	Subject.
366820	11:4 11:7	London Y&D	Re: House at Ottercliffe; non instruc re: ... voucher. W Fwd. Y&D 11/15
366812	11:11	San Harbor	Re: Weekly report of ...
371628	11:10 11:20	Ports Y&D	Material ... out ... to Priorities Committee. Best certificate be terated to A-1 instead of A-5, 11-27 Fwd Y&D 11-30 To Ports. Fwds. copies of letter for info of Ind. Mgr. 12/3
371607	11:11 11:12	Ports Y&D	Priority Power Co new ...

FRANCE: BAR HARBOR

Number.	Date.	From or To—	Subject.
346053	SEE CARD 5		To Otter Cliffs - Authorizes expenditure of \$500.00 for expenditures directly under officer in charge of erecting radio transmitting station at Sea Wall controlled (distance) by Otter Cliffs To Sol - req take action to have land purchased Bar Harbor with \$32,500.00 8/2

FRANCE:

1918

5

Number.	Date.	From or To—	Subject.
551895	9:21	Y&D	Have allotted \$68.00 to cover cost of walls, receiving station.
553379	9:28	Bar Harbor Fwd Ports 10-14	Tel: Rec purchase of additional 38 acres adjoining grounds. W 13328 Bu SE does not desire to Otter Cliffs- (T) 13328 Bu SE does not desire additional purchase. Expedite plans in conjunction Navata Ports 10-14 Fwd. Sec. Nav. 10/7 To Dept. Oct/ 10 To Otter Cliffs- (T) 15210 comm with Navsat Ports. BUSE 35379-920- W Oct 11th fwded instrns to Ports relative to purchase 10-14
353413	9:24	Y&D	Radio building, Coaster and Melville. original allotment increased.
353905	9:29	Bar Harbor	Submits weekly report of progress.
353946	Lo-14	To Ports (T)	Ref Buseng first endorsement 353379-920- Oct 11th fwding instrns re to purchase additional thirty-eight acres land Sea Wall. Otter Cliffs wire no instrns yet recd and option expires 15th October 10-14

FRANCE: BAR HARBOR

Number.	Date.	From or To—	Subject.
353946	9/28	Ports To M Is- Ports- Ottercliffs- (T) In re above 10-28 To Ottercliffs- (T) 11125 Regts auth const 2 20' masts-Budocks 10-28	Sub report of visit to radio station also proposed sight of new transmitter station at Ottercliffs W Ports- Quotes prices for motors for sale of Portland 10:2 To --- (T) release & covered files Pres. transmitter will be installed 10/4 To Ports (T) Ewds rough pencil sketch- Proceed prolim work pending Bu formal approval 9-27 W Ottercliffs- Sub report of operation. 9:15 Ports- Del- Sub report 2 1 1 2 of cost. 10: 25 Ports- Jark 10: 10: 25 Navsta Ports let 10550 Oct 1. Navsta Ports has been authorized allot 3,000 dollars p/pose employing local labor etc as re lca know para rail 3. Local lab or used must be hired through labor board Ports To Ports ditto (T) 10-15 To Post- 11. furnishing distant control apparatus for Otter Cliffs 10-19 Ports- Copy of let to Dept rec authority to send men listed to Ottercliff to comp instal. 2:17
358981	10/11	Portsmouth	Employment of local labor at Otter Cliffs radio station. - recommends allotment be authorized and asks if shall be carried on pay roll of Portsmouth id
358865	10/9	Portsmouth	Y&D Oct. 15 - Transmitting station at Bar Harbor - comments on building power Comp estimate mast etc. Sub Y&D - 10-18

FRANCE BAR HARBOR, ME.

Number.	Date.	From or To	Subject.
349777	9:16	Bar Harbor	Fwds report on static eliminated circuit devised by personnel, cross to interference. W
350057 Fwd ports, 10-2	9:18 10-2	Ottercliffs Bar Harbor 11:5	Tel States can secure 300 acres including site for distant control, rec. authority to close deal. To Secnav. Re purchase of land for transmitting stations. 9/25 Fwd Solicitor 9/25 Dent authorizes purchase of W. 9:27 Tel: sub information purchase of land for trans station from J S Mooney.
351660	9:23	Bar Harbor	
351613	8:31	Bar Harbor	Sub weekly report of progress.
351841	9:23 9:24	Ottercliffs Solicitor	Relative to price of land on Mt Desert Isl for distant control radio station.

Number.

Date.

From or To—

Subject.

335682

9.1

Bar Harbor.

Sub report of progress also descrip.
of grow bar circuit. "

335787

B.9

Bar Harbor

TEL Request immediate shipment of batteries
and amplifiers be made

337459

3:14

Blf Harbor

Mr. McCrory's estimate covering changes in budget to conform with blue print of standard soundproof booth.

55904

6/17

~~Bar Harbor~~

To Boston (P) Ship battery charging panel
from C&G team to Be Harbor. 8/21

To --- (T) Have rental Navsta Boston comply
if not otherwise disposed of. 8/21.

FRANCE: BAR HARBOR. LE.

Number.	Date.	From or To—	Subject.
540396	7:1 8:22	Bar Harbor Y&D	Sub estimate first half fiscal year 1919 Ed: 1st Dist 8/29 received back 9:9 Fwd: Y&D 9/14
341899	8:24	Naval Com	Rec. Alexander radio barrage be in- stalled at Otter Cliffs. Re W. telling to 1st Dist. 8/29 2nd Co. plan for installing radio station To Bar Harbor. Re install. of apparatus by 1st Co. 9/12
343177	8:27	Bar Harbor	Copy of lot to first dist sub detailed rec. in connection with estab of radio station distant control from Otter Cliffs.
343160	8:28	Bar Harbor	Req. new allotment be made covering experi- mental work. To Ports. Reqt. for increase in yearly main- tenance allowance. 8/31
343401	8:27	1st Dist	Reqt. \$5,000 experimental fund for Otter Cliffs. req information in connection with W. Fwd. Com. 9/4

FRANCE. BAR HARBOR ME.

Number.	Date.	From or To--	Subject.
320139	6:22 6:23	Bar Harbor Belmar	Submits weekly report of progress. W
324371	6:29 7:6	Bar Harbor Belmar	Submits report of progress. W
325893	7:11	Y&D	Makes allotment covering cost of construction of cellar under receiving building at Bar Harbor W
327277	7:13 7:15	Bar Harbor Belmar	No experiments carried on during past week due to storms. W
327723	7:17	Y&D	Relative to radio receiver built at Bar Harbor W
328599	7:21	Bar Harbor	TEL: Request shipment of three 2 inch amplifiers be expedited. W To Otter Cliffs (T) 3 rad. amplifiers will be expedited. 7/25 To SAA Port. Dist. of radio equipment from Wash. to Bar Harbor for rad. station. 7/25 received back 8:22

FRANCE: BAR HARBOR ME

Number.	Date.	From or To--	Subject.
328651	7:20	Belmar	Reqt bureau expedite additional batteries B Fwd. Belmar 7/25 received back 7:30 Fwd. SGA 8/5 Belmar 7:25 received back 8:14
329679	7:21	Bar Harbor	TEL: Reqt shipment of two stage amplifier be expedited. W
329955	7:20 7:24	Bar Harbor Belmar	Sub report of progress. W
330563	7:19	Pearl Harbor	Relative to transportation of men and supplies. W Fwd. YED 7/30 YED - 8:7 Yards & Docks 8/17 - Relative to additional track at Bar Harbor
331604	7:20	Navy Com	Directs tel connection between Bar Harbor and office of Cruiser force, comments on. W
335486	7:16	A. Fabbrie	Fwds chart of reconstruction. W

920 - 2 FRANCE: BAR HARBOR ME.

Number,	Date.	From or To—	Subject.
302234	4-20	Bar Harbor	Report on progress. W
302238	4-28	Belmar	Otter Cliffs radio Station - Fwds report of inspection. W
303045	5-7 Bar Harbor	TO S&A 8:28	Fast shipnet from Phila to Bar Harbor - radio apparatus - received back 5-11 to S&A. Repts shipment from Wash to Bar Harbor Me for Radio Sta - radio app for 5-9 Shipment order 5-9 received 5-11 To install Otter Cliffs. Ask for radio apparatus 5-16
303046	5-7	TO S&A	Fast shipment from Wash to Bar Harbor radio apparatus - W Shipment order May 7th received back 5-19
306115	5:4	Bar Harbor	Submits report of progress on radio installation. W
306611	5:11 5:13	Bar Harbor Belmar	Submits report of progress during past week W

FRANCE: BAR HARBOR ME.

FOR PREVIOUS COPIES SEE "PATROL SEC HDQRS" 864

Number.	Date.	From or To—	Subject.	
298153	4-6	Otter Cliffs	Report on progress. W	
299239	4/13	Bar Harbor	Weekly report.W	
298988				
			S&A--4/20	
300007	4/22	To Bar Harbor T	No objection admitting P roctor and Picard.W	
300739	4-17 4-23	Boston Supt Naval Confms	Forwards quarterly log for Bar Harbor.W	
300308	4-24	To Yds & D	Asks estimates on installation of rec house as plan fixed W RE 4-29. Y&D - W 5/2 Fwd De t - 5-4 To Dept 5/4-R B 5/11 To Y & D- in re above- 5-14	
265112	12-5	Best Dist Supt.	Otter Cliffs: Bar Harbor, relative to allowance recommended (Report of Alex Fabbri)	864

1918

1

FRANCE: BAR HARBOR ME.

Number.	Date.	From or To—	Subject.
✓ 309945	5:18 5:23	Bar Harbor Belmar	Fwds weekly report of progress. W
✓ 310626	5/25	Otter-Cliffs T	Quotes telegram recd from Wash with Lt. E. A. Eaton relative to delivering drawings. States Lt Eaton departed before recd by W
308323	5-29		Fwd Director Nav Commtns- Change in status of Nav Radio Sta Bar Harbor 5:29 W-15 Received back 6:5 from Dept, no copy endorsement to Dept. Fwd. 11:15 via Porto. 20 6/11 received back 7:15
✓ 311925	5-29 5-28	Bar Harbor Belmar	Submits report of progress.
✓ 313250	6/1	Bar Harbor	Belmar 6/11-submits weekly report of progress. W
313574	7/5		

920 - 2 FRANCE: BAR HARBOR: ME.

1918

Number.	Date.	From or To—	Subject.
316702	6-14	Y&D	Request increase in allotment covering radio station at BAR HARBOR.
316658	5/14	Bar Harbor T	Request immediate shipment of 6A and 6B ~~batteries~~ batteries. "On Radio at Bar Harbor", 19
300302	5/14	To Y&D	Alot 121. for receiving house. "
317015	5/18	To Y&D	Radio station at Bar Harbor received back 6:25
318019	6-8 6-17	First District F I C O	Report on progress.
320140	6:15 6:24	Bar Harbor Belmar	Submits report of progress. W

NEW ORLEANS

1922

Number.	Date.	From or To—	Subject.
✓ 643363	9/29	Y&D	Copy of letter to New Orln. stating approved credit cards will be fwded cov savings under allotments. W.
644331	10/3	New Orln.	Request \$3.00 be allotted to cover over expenditures on cost of 3 Batteries. W. To N O- Allotment made 10/11
647068	10/23	N.O.	Submits estimate covering cost of repairs. Fwd's Dept via rds & docks 11/2 Fwd's Asst Dept via Y&S & Docks 11/4 RB 11/21 W Fwd's N O 11/26
✓ 647368	10/27	Y&D	Copy letter N.O. stating approval of credit card rel to towers W Y&D 10/27 Returns savings W

N. Eng. 184
NEW ORLEANS

RADIO STATION

1922

Number.	Date.	From or To—	Subject.
648014	10/26	New Orleans	Request definite authority for providing furniture for radio personnel to N O— A standard allowance of furnishings for quarters listed are issued 11/7 New Orleans 11/10 W To NO— Fwds cc Radio plants 11/17
648698	11/10	To N O via S&A	18 water tumblers and 12 tea spoons for use in NEW ORLEANS—
649586	11/3	New Orleans	Arrangements for sending messages by arc during painting of radio towers W Fwds Opens 11/17

NEW ORLEANS RADIO STATION

1922

Number.	Date.	From or To--	Subject.
624300	5/22	To NO	Spare arc chamber W K
✓ 625126	5/24	Y&D	Operating building at Fort Arthur completed with saving under allotment W.
629959	6/26	New OrIn. (T)	Request 5 KW quenched spark gap W To S&A Request equipment of spark gap from Brook to SO-N O 601 6/29 RB 7/26 W To New Orleans - Blower cooler gap reqst d. 7/3 W
✓ 631780	7/8	Y&D	Request comments on proposed transfer of lands and buildings to Veterans Bureau at New OrIn W. To Ids & Docks - has no objection to enlargement of hospital 7/13

Number.	Date.	From or To—	Subject.
636335	8/2	8th Dist.	Request wiring diagram of radio frequency amplifier be furn. W Fwd'd Washn 8/10
637430	8/10	New Orln. #997	Request parts listed for uni wave arc key be shipped by express. W To S&A etc. sh. sent of key from Washn to New Orleans 8/31. W
638076	8/17	New Orln. Gay	Report on test. W
639924	9/1	To S&A 1005	Reqs. shipment of batteries from Phila to New Orleans. W
641161	9/12	Y&D	Copy of letter to 8th Dist. stating work cov painting towers under allotment 3610-1 will be cancelled. W.

NEW ORLEANS RADIO STATION

1922

Number.	Date.	From or To—	Subject.
611447	2/24	New Orln.	Request small army armu ition listed be furnished express stations in 5th Dist. Fwd NO 3/5 7.
612795	2/23	New Orln.	Quarterly inspection report. W.
613257	3/7	8th Dist.	Fwds recommendations cov increased economy and efficiency, district control station Fwds Dir Comm's cc NO 3/21 RE 3/25 W. Fwds NO 3/31 RB 5/1 To LO- comments rel cc Dir Comm's 5/13
613850	3/13 2/14	Dept of Commerce Communications	Fwds copy of letter from Radio Inscr New Orln. rel to interference caused by city radio stations at New Orln mobile & port. return Fwds NO- cc Comm's- NY 3/25 RE 5/31/22.W To sec of commerce (Asst Sec sig) gives action taken rel complaint New Orleans station W 5/15

NEW ORLEANS RADIO STATION

1922

Number.	Date.	From or To--	Subject.
614308	3/13	8th Dist.	Will make only such quarterly inspections as commandant deems nec - request travel orders be issued Fwd Dir Communications 3/28 Communications 4/12
614782	3/9 3/21	New Orln. S&A	Request Titan storage battery be retained for emergency use. Fwds S&A 3/24 PR 4/17 W S&A Request action 5/16 W Fwds S&A to NO 5/26 S&A 6/2 Request action W to S&A- disposition of storage battery 6/24
614801	3/21	Y&D	Copy of telegram to New Orln. stating allotment 2601-10 will be mailed. W.
617631	3/31	New Orln.	Ask if it is Bureau policy to turn furniture, bed linen, etc to radio stations for officers' personal to NO- Gives info re furniture 4/13
621961	5/5	Y&D	Copy of letter to New Orln requesting reports on status of allotments chargeable to Engineering 1922. W.

Number.	Date.	From or To--	Subject.
604649	1 9	YED	Copy of letter to New Orln. stating approved credit and will be funded. gov saving under allotment, other funds to engineering 1922. KW
604641	1/11	YED	Copy of telegram to New Orln. authorizing replace galvanized iron with copper. %
605385	1/19	7th Dist.	30 KW are set in commission. W.
606458	1/20	New Orln.	Burning out of magnet coils on 30 KW are set- report cov. % To: P. P. and Report history, instructions its a certificate- Cavite- Manila P. H. - Peking W 2/4 MI- Subm report 5/8 W
607093	1/24	New Orln.	Quarterly inspection report. W.

NEW ORLN

RADIO STATION

1922

Number.	Date.	From or To--	Subject.
✓ 508183	1/23 2/3	8th Dist. Communications	Report cov station pump out of commission. To S.A. H. T. Report of material from 50 Washn to NO 2/13 To S.A. Request shipment of mat From Washn to NO 2/13 W
✓ 508351	2/21	To NO	Report coils - Report coils of turned coils to be done at Washn New Orln. 2/21 W To Washn-work will be done at naval station New Orleans-2:1-W
✓ 610362	2/15	New Orln.	Quarterly inspection report. W. Fwd Navgn-concurs-2:24-W
✓ 611087	2/23	New Orln. (T)	Request ship at once radio frequency amplifying transformers. W. To N Orleans-does not desire repairs-2:27-W

Number.	Date.	From or To—	Subject.	
599632	FROM 1922 28		New Orln. 12/29 W	
			New Orln. 1/3 W	
			New Orln. 1/4 W	
			New Orln. 1/7/31 W	
			New Orln. 1/4/31 W	
			North Isl. 1/2/31 W	
			North Isl. 1/1 W	
			North Isl. 1/6 (2 letters) W	

NEW ORLEANS:

Number.	Date.	From or To—	Subject.
599632	12:6	New Orleans.	Report on test ~~at~~ to determine relative ad-
	New Orln. 12/21 W.		vantages of Pt Isabel and New Orleans stations
	New Orln. 12/21 W.		to relay between San Diego and Balboa. W
	San Diego 12/22 W.		St. Dist- Subm report on. 12/6 W
	North Isl. 12/23 W		New Orln. Subm further report. 12/7 W
	North Isl. 12/23 W.		New Orln. report on test. 12/8 W
	New Orln. 12/23 W.		Pt Isabel- 12/6- report on test. "
CARD	New Orln. 12/24 W		New Orln. Report on radio test. 12/11 W
28- A	New Orln. 12/24 W		New Orln. 12/12 W.
	New Orln. 12/27 W.		New Orln. 12/12 W
	New Orln. 12/28 W		New Orln. 12/13 W
	San Diego 12/29 W		New Orln. 12/13 W
	North Isl. 12/25 W		New Orln. 12/13 W
	North Isl. 12/27 W		New Orln. 12/14 W.
	North Isl. 12/26 W		With State 12/16 W (2)
	North Isl. 12/24 W		New Orln. 12/16- report of test. W
	North Dist. 12/23 W		New Orln. 12/17 W
	North Isl. 12/28 W		New Orln 12/19 W
✓ 600511	12/12	New Orln.	Quarterly inspection report. W.
			To NC Records at 12/20
✓ 600518	12/12	New Orln.	Quarterly inspection report. W.
✓ 601049	12/12	New Orln.	Quarterly inspection report, W.

Number.	Date.	From or To—	Subject.	
✓ 601693	11/23	Twa Dept	Storage of material for maintenance of Radio Station-- W Dept- Copy action to JGA 12/30 W	
✓ 601693	12/14	New Orln.	Direct keep radio station in material in stock for stations of 8th Dist. W	
			1922	
602634	12/31	Dept	Revs beneficial suggestions by W. G. Ellis Radio Laboratories cov super range variable condenser. W.	
	VOID	VOID (882--1)		
601742	12/30	New Orln.	Revs newspaper map of city with power lines in red pencil. W	876
603177	12/3	New Orln.	Ask when spare arc chambers will be turn New Orln. and int Isabel. W. To HQ- Plans not completed 1/7/22	

NEW ORLEANS

1921

Number.	Date.	From or To—	Subject.
✓ 553433	3/1	New Orln.	Monthly radio report. W.
558514	4/14	New Orln.	Quarterly inspection report. W.
	4/15	8th Dist. 4	Fwd 8 Dist 4/25 RB-4:30-W
559939	4/25	To IN NO	Maintenance of storage battery; reqst instrns be issued as listed
✓ 562786	5/8	New Orln.	Two prints showing location of ducts on transformers with estimates. W. Fwd New Orln 5-19 RB 6/6 W. To O. 6-9 New Orln. (T) Reqst action. 6/9 W
✓ 565310	5/17	8th Dist.	Quarterly inspection report. W Fwd Nav 6/10
570059	6/16	Y&D	Copy of letter to New Orln stating approval of credit cards will be f'ded. W.
✓ 570328	6/17	Y&D	Copy of telegram to New Orln. authorizing increase in allotment. W.
577861	8-1	To S&A	Reqst shipment of radio receiver from Wash to New Orln W 8365

NEW ORLEANS

1921

Number.	Date.	From or To—	Subject.
578973	8/1	New Orln.	Quarterly inspection report. W.
582716	8/31	To NO	Radio material recommended for transfer W New Orln- reports action taken. 9/12 W
590501 0	10/11 10/15	New Orln. Y&D	Subm estimates cov repairs to New Orln radio sta. W Fwd Y&D & Decker cc Key West 10/20
591682	10/21	Y&D	Copy of endorsement to N.O. directing repairs to quarters & dormitories be charged to Engineering 1922 W
592300 0	10/27	To NO	Maximum wave length adjustment of Givens inform test cc Dir Communication W RB 11/18 W
598387	11/29	New Orln.	Quarterly inspection of radio and radio compass stations in 8th Dist: request temporary travel orders be issued to Lt. J.M. Kirkpatrick covering. W Fwd Havigh 12/9

821 NEW ORLEANS

1921

26a

[illegible]

NEW ORLEANS

Number.	Date.	From or To—	Subject.
523098	10/8	New Orln.	Request 4 audio frequency transformers be s shipped to New Orln. Shipt order from Washn to N.O. 10/19
523328	10/11	New Orln.	Law underground over head antenna instal- two ces replace cr. with photos. W. To NO 10/18
524772	10/19	8th Dist.	Building 22 assigned to Gunner West, officer in charge. W.
535748	12/17	New Orln.	Quarterly inspection report. W.
539492	1/10	Y&D	Copy of letter to New Orln requesting inform rel to status of work on allotments listed at New Orln. and Point Isabel station.
547032	2-18	To N.Orln Tel	Rel change in meter arc wave. W New Orln- Copy- new arc wave 4650 meters. 2/19 W 8th Dist. 2/21 W.
549403	3-5	To Comdt New Orln	Comdr Hooper will visit station on March 15th W.
549563	3/1	New Orln.	Request temporary travel orders be issued to Lt. KW Kilpatrick for inspecting radio stations in 8th Dist. W. two May 3-11

NEW ORLEANS: RADIO STATION

1920

25

Number.	Date.	From or To—	Subject.	
485255	4/1	A. O'Brien	Subm report on inspection trip on New Orln Joint Isabel, Galveston Port Arthur and Mobile Sta.	876
487169	4-14	To H. Orins (T)	Poms now indicates unable to receive any Balboa traffic. account static. make temporary installn. expenditure \$50. auth. W	850
487827	4/13	New Orln	Request radio comp be assignment for use in training radio compass men.	W.
464313	4/6-15	New Orln	Subm revision of annual maintenance allow- ance. for main and outlying stations.	914
New Orln NSA 280	4-23	Fwd Y&D	New Orleans (Tropical) Radio Station Lawn mower. Re payment of.	
493989	5/12	NO	Recommends new underground antenna be installed for purpose of eliminating installn of temporary antenna. To H. Orins- expenditure of 2475.00 auth 5/19 New Orln- request special allotment \$1400. 7/19 W To H. Or. rel installn auth 7/29	

Number.	Date.	From or To—	Subject.
494784	5/18	St. Dist	Subm recommendations in con with assignment of furnishings for team engineering; radio buildings. W.
497371	6-4	To Comdt N.Orlns	Correction of arc wave length. W
	New Orln 7/3		New Orln. Report on tuning of arc transmitters. 6/10 W.
	New Orln 8/13		To M.Orlns (1) rel test 6-28
499145	To MO 9/23/20	New Orln	To M.O. advise rel test schedule was trans 7/2 Quarterly inspection report W
	6/9		
485256	6/28	N.Orlns.	Estimate covering construction of quarters 876
504288	7/6	New Orln.	Request authority to paint radio stations; submit estimate. To M.O. repairs- auth expenditure 7/14 cc Y&D Y&D- Copy of action to New Orln. 7/22 W
506606	7/17	New Orln.	Quarterly inspection report. W
507128	7/19	New Orln.	Request authority covering expenditures in connection with repair of spark plug. W. To M.O. auth granted make expd 7-28
507126	7/16	A. Lenthle	Request wiring diagram or print of Navy standard trans fitting set with charging panel W

rec 898

N. S. E. Form 134.

NEW ORLEANS: RADIO STATION.

Number.	Date.	From or To—	Subject.	
444782	9-6	New Orleans	Twis photos of Naval Shore Station.	W
422769	9/15	To S&A	Reqst shipment from Washington to New Orleans radio and chamber for use and set. W RB 4/12	
422770	9/15	To S&A	Req ship from Wash to New Orleans two radio storage batteries W RB 12/8 RB 4/12 N.	
446384	9-20	N O	P.O.M. report refers to Pt Isabel Sta. To New Orleans (T) 9/20	W
446392	9/20	To S&A	Reqst shipment from Washington to New Orleans one iron loading coil W New Orleans-Reqst additional allotment of \$1642.76 10:24 To New Orln-Auth expenditure of \$1642.76 10:31	
456679	11/10	To S&A	Reqst shipment from Boston to New Orln radio receiving cable. W RB 12/20	

Number.	Date.	From or To—	Subject.	
461984	12/4	New Orln	Subm report of results obtained with new loading coil at New Orleans. W To N.O. asks further report when alterations finally completed 12/9 copy Com	
462134	12/10	To N.Orleans (T)	Refer Major Barker one five naught naught six to major from Pt Isabel radio period telegraph estimate of cost to construct barbed wire fence defence including sand bags mentioned. W N Orleans - copy - submits estimate -12/11	
468399	12/15	New Orln. (T)	Spark set out of commission due to faulty bearing: repairs completed. W New Orln. 12/17 (T) - Spark set in commission.	
468556	1/2	New Orln.	Quarterly inspection report.	W.
468193	1/9	Y&D	Sanatorial report regarding rat proofing of New Orleans Sta: submits estimates covering: DW	615-9
471917	1:19 To N.O. 4-21	N Orleans rel install meters	Quarterly inspection report. W To N.O. 1/30	
473211	1:28	N Orln	New Orln - quarterly inspection report 2/15 W. Submits report of spark set being out of commission. W	

Number.	Date.	From or To—	Subject.	
432114	7/10	NO	Copy-Reqst instruc ref to keeping repair radio equip. as if arrangements been made concerning the performance of work.	771
434401	7/23	To S&A	Reqst shipmt from Anacostia to New Orleans one airc radio amplifier W	
443692	9/5	To S&A	Reqst shipmt be made from Boston to New Orleans 1000 feet special underground radio receiving cable W New Orln. Material recd 9/20. 12/2	
437355	8:4	NO Copy	Asks if can furn relay key. W To NO Tel 8/6 To S&A req ship from Boston to NO one radio relay key 8/11 RB 12/15	
439002	8:8	NO	Reqst auth to purchase bicycle for use at NO radio station. W To New Orleans- auth purchase of one bicycle 8/13	

NEW ORLEANS RADIO STATION

Number.	Date.	From or To—	Subject.	
439725	8/15	To S&A	Req shipment from Norfolk to New Orleans one Stahl Commutator rectifier	WRB 12/15
439914	8/15	NO	Spark gap set out of commission, coils burned out. W	
439448	7/15	To Comdt New OrL	Hint that the Im'provement Charges also be included in the weekly reports of work. Y.	774
441160	8/16	NO Tel	Spark set not in operation. W	
441652	8/23	NO	Quarterly inspec report. W To New Orleans-Recs in conn with material	8/28
443062	8/29	NO	Sub quarterly inspec report. W To NO—recommends in conn w report	9/4

1919

22 ✓

Number.	Date.	From or To—	Subject.
✓353411	5-16	To Indus Mgr NO	Yearly maintenance allowance of station should be increased to cover invoice price of various equipment furnished in connection with establishment of, and order and receiving distant control station as part of equipment allocation. Both sum of \$2,752.85 covering W
419380	5-15	New Orleans	Sub estimate of recs for repairs to New Orleans Station. W
419382	5-14	New Orleans	Sub quarterly report of repairs with estimate. New Orleans station. To NO- further info reqstd 5-21 to Trop Co 7/9
✓419298	5-19	To N Orleans Tel	To Tropical Radio Tel Co- reqstd if desire repairs undertaken and what cost of expense will assume 6-5IM NO 5/9 To NO- quotes from letter Authorized disburse use Faraday Cage radio station a. req period fwd report results obtained underground coil soon practicable period letter follows W To NO Tel 5-27
✓420620	5-23	NO Sta (T)	New Orleans-Tel-Test cannot be made unless spec allotment granted. 5-26 New Orleans-Tel-5:29 Reqstd additional allotment. To NO Tel 5-29 Rest spec allotment \$470. also auth to install electric and water meters - K-W To NO Tel 5-27

1919

Number.	Date.	From or To--	Subject.	
420502	5:17 5:21	8th Dist Com	Submits report and distant control stations placed in operation.	
422762 ser	24			
421860	5:26	New Orleans	Reqs two radio storage bat be sup to be used at New Orleans Cont Station. To NO- susn of 110 author 6-4	W
424333	5-11	To S&A	Req ship from Washn to N Orleans two radio bat W	
427653	6/23	To SA A	Req ship from Fleet Base to New Orleans one radio trans set. W RB 8:11 To NO- reqst upon receipt of material that be turned instore 7/1	
430674	7:2	NO	In con with test conducted by Lt Co Taylor on under 2nd rad system at station.	W
451792	7:8 To NO (1) 10/6 New exl 10/14 To NO 10/25	By Stand	Distant control station at New Orleans. Fwds sketch and prints with detailed report of investigation of. To NO-req descrip be expedited 8/4 fwd NO 8/7 RB 10-14 NO-fwds photos and descrip. (No ate)	W

NEW ORLEANS: RADIO

Number.	Date.	From or To—	Subject.	
402013	2:20 3:11	Lt J G Cooper Jr Com	Report of inspec of radio station 6, 7, 8th Dists between New Orleans and Wilmington N O To Comm 3-20	
403204	3:14	New Orleans	Distant Cont Station, report with sketch and sug for. New Orleans-Tel-Req authority to proceed with construc of double faraday cage. 3:20 W Sec Navy 3-10 re completion of cont station- To Dept 3:20 RB 3:28 T o NO Tel 3-27	
403935	3/15	New Orleans	Radio receiver rec without detectors W	898
405475	3-20	N O	Fwds one antenna ammeter as instilled with short wave tel set unsat rec change W 902	
409835	4:10	New Orleans Tel	Req 12 antenna current ammeters. To SEA req ship from N.London to N.O. twelve radio antenna current ammeters W SEA-4:25 To SEA req cane NO 4-15 5-10	W 4-15

Number.	Date.	From or To—	Subject.	
411248	4:18	New Orleans	Test will be conducted on Monday. To FO Tel 4-18	W
412306	4:7 4:18	8th Dist New Orleans	Quarterly inspection report New Orleans radio station. To Director Naval Com-Fwd 2:28 RB 4:30	W
411363	4-18 New Orleans 6:2 New Orleans-Weekly report 6:4	To N.O.	No reports have been recd from District 8th Dist. re: concern in improvements at New Orleans. 5:7 New Orleans-Fwd various reports with race on 5:7 New Orleans- 5:14 Weekly report. N O 5/20- Circuit used for short wave spark reception- Fwd prints w report Quarterly inspec report on NEW ORLEANS radio station. To New Orleans -Recd in con with quarterly inspec report. 4:30	W
414176	4:23 4:24	8th Dist NEW ORLEANS	To New Orleans -Recd in con with quarterly inspec report. 4:30	W
413871	4:28	TO S&A	Resqt ship from Wash to New Orleans of one medium wave receiver. RB 4/12 W	W
416922	5-10	TO S&A	Req shipment fr m New London to New Orleans twelve radio antenna current ammeters. W RB 6:10 New London Station 5:22 To N London- reqst 12 radio antenna ammeters be ship 5-24	W

1918

Number.	Date.	From or To -	Subject.
315100	6-27	To Norf	Radio station N Ors- 2 selector switches shipped to- for and 31-1-1918
315526	6/11	To N Orleans T	Reqst auth. to purchase in advance of BU approval 65 horse power motor from Weil 1917-1918. 7/11 1. request authority to install 65 H.P. motor sub. ite. estimate covering 1000. re- 31-1-1918 7/11 New Orleans submit estimate of 8:4
329300	7:17	Y&D	New Orleans reqst allotment of \$558.30 To- 31-1-1918 7/11 at St. Louis, Mo. 7/11
337441		See 337441	
353441	10-1	To S&A	Reqst shipment radio apparatus Wash to N Ors W To 10- req- acknow receipt 3-1
357219	10/11	To N Ors	Reqst info re radio equipment, S. W 352-1

NEW ORLEANS RADIO STA

Number.	Date.	From or To—	Subject.	
360446	10/11	Naval Co.	Coast Guard Oct. 19 - proposed land line connection New Orleans to Terwood - finds correspondence with recommendations in connection with To Sept 10;25 back 11;22	
360448	10-23		Fwd Dept - approves installn of land line circuit between N Ori and Pilottown	W
360445	11-27	Fwd Dir. Naval Communi.	Re construction of land line between N.O. and Pilottown, W To com 12:27 received back 1:16 To - Director Naval Com - Returns recs. 1:17	
390861	1;29	8th Dist	Req allotment for dist radio material organ to cov furniture, supplies, etc. To NO - re allotment for, 3-14	
400414	3-8 NO 6;30	To S&A	Reqst shipment from Washington to New O radio receivers, New Orleans 3;18 To N.O. - re shipment will be made 4-10	3-28
400663	3-10	To New Orleans	Reqst report all stations covering last quar of 1918 w estimates of expn for work re com which require Bu action and repts mailed regularly in future-	

NEW ORLEANS: R.DIO.

017

Number.	Date.	From or To—	Subject.
262950	11/22	Comm Office Belmar	Distant patrol station New Orleans states experiments at Belmar indicate no danger in having two wires for underground receiving—submits recommendation. W
263055	11/17	Dist Com Supt. New Orleans	Fwds quarterly inspection report. W To New OrL—Reqt ests covering work. 11/26 New Orleans 12-12 To New OrL—Appve ests as listed. 12/18 New Orleans 12-28
265002	11-14 12-4	New Orleans Marine Bar racks C&R	Gives list of Marine Corps property loaned to Navy for use in different radio stations in vicinity of New Orleans. W Fwd S&A—12/10
239964	SEE CARD 18 W O = 2nd to allotment for 2 propeller fillings To Y&D Allot. aut. for etc. 8/28		To New OrL—Instrns re running conduit. 12/18 New OrL 12-28 New Orleans 1-3 To Y&D—Makes allotts. 1/15
269071	Y&D 8/20 12/26	To 8th Dist	Recommendations requested re establishing radio repair station at Galveston, Tex. W 8th Nav Dist 1-22 Received back 6:24
292917	3-27	Y&D	New Orleans - have allotted \$41 for hot water line. W To—M akes allot. 3/30
293160	3/26	N Orleans	Reqt special allotment 1500 to cover supplies and furnishings for distant control radio station dormitory. To—Makes special allot. 4/3

4-3386

NEW ORL: RADIO.

1917

Number.	Date.	From or To--	Subject.
✓ 242933	8/8	To New OrL	Re t information re trouble reported. W RB 8/25
✓ 244699	8/17	New Orleans To--(T) No delays from owners will be tolerated. 9/27 New Orleans 10/19 To Valley Realty Co. Acknowledges offer of right of way. 10/24	Purchase of land for distant control station; states owners of property have always been willing to assist government and have held land for year and a half; recommend Bureau authorize payment for W To--Directs prepare reem. 8/25 New Orleans (T) request action 8/29 To--(T) 8/29 (T) Gives price demanded by property owners. 9/27 Reqt report and recommendation re radio station being out of commission. W RB 9/1
✓ 245588	8/24	To New OrL	
✓ 248342	9/10	To New OrL T	Reqt necessary data for sup. lyin. secondary cable Lowenstein, Grand Cooper W New Orleans (T) requested government bill of lading for shipment of trans- former 9/11 New Orleans (T) states government bill of lading being mailed to Point Isabel today 9/13 To New OrL--Ask if Lowenstein has transmitted transformer at Pt Isabel transferred to NY for repairs. (T) 9/13
✓ 249950	9/17	New Orleans	Fwd copy of proposed contract between owners of land in vicinity of Naval Res- ervation in connection with distant control radio receiving station. W Fwd Sol--9/21

NEW ORLEANS RADIO STATION. 821

Number.	Date.	From or To--	Subject.
250134	9/18	New Orleans	Distant control station; fwsd plans-W To Y&D--Directs issue specs and advertise for bids 9/27
251721	9/18 9/27	New Orleans Comm	~~Some system~~ Reqt automobile for use of officers on neutrality duty. Fwd Nav Com--10/1 RB 10.30 Fwd Y&D--10/31 Y&D copy of action taken 11/7
252239	9/29	To Norfolk T	Send 3000' standard shore station antenna wire to New OrL by express. Expedite. To New OrL--(T) Gives action. 9/29
251741			RB from New Orleans 10/9
255720	10/19	Y&D	Fwsd drawings showing receiving building and quarters for distant control station W To--Appvs plans. 10/24
256976	11/7	To New OrL	Distant control and underground Antenna. Reqt report of payment for right-of-way, and copies of contr. W
239964	SEE CARD 17		N OrL--fwsd copy of contract. 11/12
	To New OrL via Comdt--11/27		To Asst Atl Com Supt--Reqt rec as to right kind of wire to use and insulation for underground work 11/19
	New Orleans 12-5		18 New OrL via Comdt--12/11 RB 12-26
	New Orleans underground antenna sys- tem for; fwsd prints 12-6		CARD 19

1917

NEW ORLEANS: RADIO

Number.	Date.	From or To—	Subject.	
✓ 232578	5-31	New Orleans	Req additional allot. for radio sta. for 1917.W To--Makes allot. 6/11	
233471	6/13	Dist Supt T	Recommendations for distant control station completed. Lyon available for duty.W New Orleans fws prints and rec. 7/13	
✓ 233993	6/14	New Orleans	Distant controlled stations: fws recommendations covering installations involving underground receiving antenna.W To--Appls rec 7/16 (T) New Orleans (T) submits estimates 7/19	
233993	6-14	New Orleans	Underground radio system: result satisfactory; recommends be used for distant controlled station, New Orleans.	875
234372	6/19	New Orleans T	Distant control radio station: owners of land request definite reply as to whether government intends to purchase.W Fwd Sol--6/19	
✓ 23472	7/11	To New Orl T	New Orleans (T) states plans and recommendations forwarded June 12th 7/12	

NEW ORLEANS: RADIO. 821

Number.	Date.	From or To—	Subject.
238961	7/18	To SEA	Reqt shipt of receivers from Wash to New OrL. W To---Reqt. shipt. of 7/18/17 be cancelled 2/8
239482	7/19	To New OrL	Reqt information re breakdown reported July 16th. W New Orleans 8/9
239964	7/20	To New OrL—Directs complete arrangements for right of way. Instrns. 11/12 To New OrL—Directs make arrgts with J.J. Mayson for right of way for underground antenna. 10/12 New Orleans 9/13 To Dept—Reqt New OrL be auth to conclude arrgts with land owner for right of way of antenna. 9/29 RE 10/9 N OrL-11/9.W	Site for distant control station; states have received no reply relative to owners for right of way.W To Dept—Rec appvl of. 7/26 RB 8/8 To New OrL—Detailed instruction. 8/17 Relative to leave for Lt Loftin and rel- ative to distant control.W
240153	7/12	New Orleans (Personal) 632	SEE CARD 18
197222		SEE CARD 14	To New OrL—Reqt rec as to settlement of claims of owners. 7/24 To Sol—Fwds copy of above letter. 7/25
240427	7/25	To New OrL	Grand Isle. Reqt rec for radio station at. W 859
241703	8/2	To SEA	Reqt shipt of decrometer from Wash to. W

NEW ORLEANS: RADIO 821

Number.	Date.	From or To--	Subject.
221890	5/14	To S&A	Reqt shipt of six buzzer sets from Wash to.W
223403	5/15	New Orleans T	Owners of ground for distance control station are willing for government to proceed developing site; district attorney proceeding examining title.W
229943	5-17	New Orleans	Maintenance allowance; rec for.W
223158	5-24	New Orleans	Gives information relative to current available.W To via Commandant Bu reqt information.5/17
230705	5/26	To New OrL T	Directs advise H.L.Lyon, replying his telegram check covering claim mailed yesterday, care of Dist Com Supt. New OrL.
231563	5/28	M Is	States 30 KW arc set for Point Isabel was shipped to New Orleans on April 9th.W
231826	6/2	Inspr Phila	Recommends that batteries rated capacities be based on initial capacity actually delivered by battery on first official government test; based on Elec Stor Bat Co's order from the Western Elec Co for small batteries for telephone service.L
		VOID	
231880	T	New Orleans & Point Isabel	Maintenance allowance and outline of work for 1918 and 1919.W To--Gives action on work.9/11

NEW ORLEANS: RADIO

Number.	Date.	From or To—	Subject.
216709	3-3	New Orleans	Site for distant control station; District Attorney unable to handle at present time; Yard not competent to handle legal points; request instructions.
		Fwd New Orl--5/3 RB 5-8	Fwd Sol--4/11 state be taken to complete purchase of land. 5/6 To Sol--4/11 re: 15. 5/14 RB 4-19 Fwd Sol--4/11 Solicitor will inform Bureau as soon as question of title has been passed upon 4/30 W
218545	3/15	New Orleans	Distance control station: fws plan of V-Henecoart property with unexecuted deed covering same. Fwd Sol--3/21
220303	3/30	Y&D	Request location be selected for radio buildings
197079	3/30	Y&D	Request location be selected for radio buildings
222887	4/14	New Orleans T	To NY--To t only to letter C/T. 4/13 NY fws copy 4/22 To NY--(T) Ask when set ship New Or. 6/26 NY--(T) shipped June 15th. 5/27 Y Request action Dept has taken relative to purchase of site. W Fwd Sol--4/17
21367	3/31 4/16	New Orleans S&A	Request quenched gap for 2 kw set. W To S&A--7/30 1945 To NY--ask when spark gap is ship. 5/7 RB5-21 Co--Gives action. 5/7 New Orleans states spark gap was intended for the 2 kw set. 5/14 Fwd Sol--4/17
225051	4/26	Y&D	Request quenched gap for 2 kw set. W To S&A--7/30 1945 To NY--ask when spark gap is ship. 5/7 RB5-21 Co--Gives action. 5/7 New Orleans states spark gap was intended for the 2 kw set. 5/14 Fwd Sol--4/17 Fwd New Orl via Comdt. 4/30 RB 5-7 To--Appvs drawings. 5/12 To--Directs discontinue activities along above lines.

NEW ORLEANS; RADIO

Number.	Date.	From or To—	Subject.
209991	12/29	To New OrL	Reqt comment on breakdown reported Dec 26. W New Orleans 1/6
210130	12-27	New Orleans	Leading in wire insulator recently installed in accordance with instructions was cracked. W No via Comdt—Reqn will be made for new insulator and necessary material. 1/9
210131	12-28	New Orleans	Site for receiving station; fnds plans .etc. W.
210256	12-28	Lawton, PS	Gives description and price of land desired for distant control station. W
210605	12-5 1-6 And Y&D—5/24	New Orleans Y&D	Break down service for radio service; estimates for cables and motor. W Fwd Y&D—1/8 RB 1-15 To—(1) No difference in results from use of insulated or uninsulated wire. 1/12 Fwd Y&D—1/9 RB 3-13 And Y&D—1/9 RB 5-21
211322	1-9	New Orleansap	States yearly allowance inadequate. K To—Increases from \$5000 to \$5000. 1/16
211303	1/12	To S&.	Reqt shipt of audibility mater from Wash to New OrL. W

NEW ORLEANS. 821

Number.	Date.	From or To—	Subject.
211589	1-10	New Orleans	Inventory of property. W
211800	1-17	At Coast Supt	Quarterly inspection. W Fwd Dept--1/18 Fwd Bd I&S--1/18
211897	1-16	NY	5 kw transmitting set; understands part of material shipped from Seattle, Washn; still short transformers and quenched gaps W
212038	1-17	New Orleans	Request Dept Justice instruct Dist Attorney New Orleans to take necessary steps to purchase land at Harvey. W Fwd Sol--1/22
212612	1-23	New Orleans	Quarterly report of inspection; fws estimate for carrying out recommendations. W To via Comdt--Appva est. 3/7
214680	2/15 Fwd New Orleans 2/9	To Y&D RB 4-11	Re t. plans for receiving room and operators' dormitory. W Y&D fws plans of dormitory 2/20 Fwd New Orli--For consent and rec. 3/26 New Orleans fws recommendations 3/3
215076	2/17 Fwd S&A--5/14 Fwd New Orli--5/28	To S&A RB 5-25	Reqt shift of the main operating key for 30 K. S. are set from NY to New Orli. W RB 3-5
216217	2-28	New Orleans R	Request special authority for two men to enter radio station for repairs. Y To--(P) A. P. S. 3/1

NEW ORLEANS: RADIO:

Number.	Date.	From or To—	Subject.
199182	9-13	To New Orleans.	Reqt recommendations with estimates for construction of emergency antenna to insure communication when telegraph lines are cut off due to storms. W To—Appvs est for manuf of secondary aerial: 9/23
199412	9-15 Fed Co trouble with 4000 meter wave 10/3 Fwd New Orleans--10/11 RB 10-20	To New Orleans.	Reqt inf rmation as to trouble developed when the arc set was used for transmitting on 4,000 meters. W RB 9/21 To Fed Tel Co--Quotes above: reqt steps be taken to obtain transmission on 4,000 meters wave length. 9/23
200063	8-22	Dr. LW Austin	Calculations on strength signals that may be expected from. W
20511	9/7	Dept. Commerce	Commercial companies New Orleans district complain interference new Orleans station.
200740	9-22	Washn	Request Bu approval of shipment of field set single type detectors to station. W Fwd New Or--Appvd. 10/3
203072	10/20	To New Orleans New Orleans fwsd copy of letter to Y&D requesting enlargement of yd power plant to accomodate breakdown service radio station 12/5	Reqt data on breakdown of radio apparatus. W New Orleans 10-26 To—Reqt infor as to advisability of install motor generator in radio sta. 10/30 New Orleans reports on 11-9 To—Comments on: 11/28
205841	11/18	To New Orleans	Directs plans of Distant Control Radio Station be drawn up, and copies fwded to Bu. W New O fwsd tracing and prints showing proposed arret of buildings in plat at Harvey. 11-27

NEW ORLEANS: RADIO 821

Number.	Date.	From or To—	Subject.
206335	11/23	To New Orleans	Reqt serial number of Kolster Decremeter shipt by auth of Bu letter May 26th, 1915. W 13 12-18
197222	To New Or1—7/23 To Sol—7/20 CARD 13 Add Sol—1/2 23 1-22 To New Or1—Comments on 1/4 To Sol—Reqt action be taken to sec that land for radio station at Harvey is not purchased by any individuals. 5/18 To New Or1—(T) Ask if have commenced work 12/4/20	New Orleans (T) CARD 13 Comments on 1/4 Reqt action be taken to sec that land for radio station at Harvey is not purchased by any individuals. 5/18 (T) Ask if have commenced work 12/4/20	owners are willing for govt develop site immediately 7.20) New Orleans (R) gives assessed value; register's office refuses to give selling value 11/23 To New Or1—(T) Directs offer \$1500. if will not accept endeavor obtain another site. 12/6 New Orleans (T) Valley Realty Co accept Dept original offer 12-30 To New Or1—(T) Auth original offer. Disappvs CARD 17 DISTANT control receiving building for. Reqt capacity of all rotors, be made the smallest as possible. W
208122	12/7	New Orleans	Reports on calibration of Marconi wave meters at station. W To—Reqt sheets be fwded to Bu. 12/14
209087	12-13	New Orleans	Fwds copies of corras relative to purchase of tract of land near Harvy, La. for distant control sta. W
209153	12-13 12-18	New Orleans R Dept	Owners decline to sell site for \$1500; offer no counter proposals. W
209151	12/21	To S&L	Reqt shipt of one 5 K.W. wave charmer from New Or1 to NY. W

NEW ORLEANS: RADIO

Number.	Date.	From or To—	Subject.	
186007	4-21	New Orleans	Plans for distant control radio station buildings Rwds.W	
174957	2/16	New Orleans	Outline of radiowork, 1917-1918; items which will require expenditures of over \$5 00	6 04
186225	4/27	New Orleans	Request prints of all radio stores carried by Navy Yards	876
186941	5/6	To Dept	Recommends establishment of position of Expert Radio Aid at New Orleans; gives reasons for	635-3
187484	5-8	New Orleans	To Norf--Instrns. 6/8 Norf request instrns relative to disposition of motor generator from New Orleans 5/31 Reports receipt of material for 5 kw sets NY to Norf and lists missing parts. W	
188003	5-16	To New Orleans. (C)	Nor reports receipt; reqt instrns 9-26 To Norf--Radio motor generator 10/2 To NY--Gives status of material. 5/17 To NY--Rwds instrns for wave changer. 5/17 To SZA--reqt for shipment. 5/18 18 audion bulbs shipped from Wash May 8th. W	
188143	5/18	To New Orleans	Radio stock: asks whether steps are being taken to carry stock as reqd by 189880- 876; asks if stock of audion bulbs is ad- equata	876
198229	9-7	To SZA.	Req shipment condifential locker from NY to New Orleans. W	

NEW ORLEANS: RADIO. 821

Number.	Date.	From or To—	Subject.	
191880	6-24	New Orleans R	Unable to communicate with NEBRASKA.W New Orleans ditto 6-28 (T) To & NEBRASKA--(R) Directs test on arc set. 6/7 New Orleans (T) unable to communicate 6-29 New Orleans (R) gives audibility 7-12 New Orleans (T) reports 7/23 To--(R) Inform NEBRASKA test may be discontinued, 7/25	
192326	7-1	New Orleans T	Arc set will be out of commission several days. W	
192459	7-1	New Orleans	Western Union loop for, W	
196332	8/3	Wash	Request information re type of meter to be furnished for. W Fwd Wash to record of reqn refd to. 8/18 copy appended 8/22 Fwd Wash-- 9/4	RB
197079	8-18	To New Orleans. To New Orleans (T) Ask whether site worth 804 or 85 per acre. 11/22 To New Orleans (T) Reqt compl infor. 11/22 To New Orleans--(T) Instrns. 11/18 Fwd Sol--Reqt action. 11/17	Bu has reqtd shipment of 5 K.W. radio transmitting set to; reqt estimates for installation. W To SAA reqt shipment 8-19 (2) CARD 16 New Orleans recommends 9-20 New Orleans submits estimate 12/13 Recommendations and plans or simultaneous sending and receiving. W New Orleans reqt convey Fwd Dept--Reqt purchase of tract of land as recommended 9/21 To--Apprvs recommendations. 9/22	anzel223 CARD 14
197222	8-18	New Orleans New Orleans reqt action 11-11 New Orleans fws plan 9-30 To New Orleans--Comments on. 10/11 New Orleans fws prints 10-9	Recommendations and plans or simultaneous sending and receiving. W New Orleans reqt convey Fwd Dept--Reqt purchase of tract of land as recommended 9/21 To--Apprvs recommendations. 9/22	
197875	8-25	New Orleans	Recommend purchase of site 3-5 miles distant for transmitting station. W	
198129	8-28	New Orleans	Fws prints of proposed addition to radio station to provide accommodations for district supt. W To New Orleans appvd. 9-1	

1916

NEW ORLEANS: RADIO.

Number.	Date.	From or To	Subject.	
178846	2/10	Clark, G. H.	Reports on audion bulbs turned in by New Orleans	898
179211	2-10	New Orleans	Rect. that Arlington conduct tests to determine new wave length. W	
/ New Orleans	(R) 3-2	To New Orleans-3/3	To--(R) Gives wave length Tuesday test. 3/1	
			New Orleans; rect action (R) 2-28	
179849	2-21	New Orleans	To--Gives schedule. 2/28 To--(R) Repeat Tuesday and Wednesday. 2/28	
			Water leak developed in arc chamber jacket; necessary station to go out of com. W	
180779	3-2	New Orleans	Request remodeling of reaily for transmitting arc signals. W	
			To--Wash Yd auth to manuf. 3/15	
180835	3-1	New Orleans	Auxiliary antennae for new 5 kw set; iwd's plans. and estimates. W	
			To--Apprs. 3/7	
			New Orleans location of present and recommend 3-13	
181350	3-12	New Orleans	To--(R) What is maximum transmitting wave length. W	
			Replies. W	
			To NY--Rect. est for manuf. of 10 helices for use as add loading coils. 3/14	
181525	3-13	TO New Orleans	Asks if loading coils arrived from NY. W	
			New Orleans; yes and installed (R) 3-14	
181603	3-13	To New Orleans. (R)	Wave length today&s test 6000; use longest wave possible. W	

621 NEW ORLEANS: RADIO:

Number.	Date.	From or To	Subject.
181699	3-15	To New Orelans. (R)	Should motor for motor generator of 5FW radio set be single phase 60 cycle 110 volts. W New Orleans (R) recommendations 3-16
182516	3-24	To New Orelans.	Equipment of station for simultaneous sending and receiving; rect rect end- ations covering site for; directs test be, made to determine practicable of site. W
182745			New Orl in full com; unable to communicate due heavy storm. 3-26 (T)
182913	3/28	To Y&D	Distant control for Charleston, Key West and New Orleans; Bu taking steps for obtaining necessary land transfers for purpose equip- ping stations for operation by distant con- trol 807
185898	4/10	To Yds	Rect copies of shipboard standard radio plans be furnished Olongapo and New Orleans 876
184702	4-15	To New Orlans.	Plans for distant control radio station buildings; fuds for comment. W
185001	4-19	To SEA.	Rect shipment are transmitting key from wash to. W

NEW ORLEANS: RADIO:

1915

Number.	Date.	From or To—	Subject.
169523	10-27	To S&A.	Reqt shipment loading coils from NY to New Orleans. W
171162	11-13	To S&A.	Reqt shipment ~~with~~ one 6-volt 80-ampere hour Edison storage battery to New Orleans. W
V 172439	11-24	To NY.	Transmitter transformers for New Orleans & Boston; reqt be furnished transformers with radio motor generators now being furnished. W NY no suitable transformer available 12-2
174015	12-16	To S&A	Reqt shipment Telefunken motor generator to NY 12-16
174758	12/21	New Orleans	Reqt a new low power set. W To--su will furnish set for: prepare plan of installation with estimates. 12/26
175113	12-31	To New Orleans.	Unable to work arc schedule; reqt report with recommendation to prevent reoccurrence. W RB 1/15
175849	1-10	To New Orleans.	Oil engine generating set will be installed when funds permit. 1/16 RB 2/23 Canal Zone reports difficulty in receiving New Orleans arc signals; asks steps taken to correct trouble. W
175957	1-11	Fwd NY.	New Orleans asks probable date completion and shipment of extra inductance coils. W RB 1/15 Fwd New Orleans--1/15

821 NEW ORELANS; RADIO:

Number.	Date.	From or To--	Subject.
176317	1-15	To New Orelans.	5-K.W. spark set; daily report "not rec'd" may be discontinued. W
176890	1-22	To New Orelans.	Lists radio receiving equipment to be furnished station; asks what receivers now at station in excess available for transfer. W New Orleans; gives data on equip 2-1 To S&A-- Recd shipment receiver from Wash to New Orleans. 5/9
177091	1-21	New Orleans	Reports steps taken to overcome difficulty in communicating with Canal Zone. W
177327	1-28	To S&A.	Recd shipment 6 Hudson filament bulbs from Wash to New Orli. W
177518	1/26	New Orleans	Gives reasons why their yearly allowance of funds should be increased 914
177542	1-29	To S&A.	Recd shipment bulbs from New Orelans to Washington. W
178472	1-30 2-8	New Orleans Communication office	Reports difficulties in getting messages thru in explanation of duplicating commercial message Fwd Rad Ser-- 2/11
178635	2-9 To New Orelans--Gives allowance \$3,600. 2/21	To S&A.	Recd shipment copper wire from NY to New Orelans. W To New Orli--Have recd shipment of copper wire for use in constructing a ground system at station. W 2/10 New Orleans expenditures for elec current have exceeded yearly allotment 2-14
178785	2-11	To S&A.	Recd shipment 15 audion bulbs from Wash to New Orli. W

NEW ORELANS; RADIO:

1915

Number.	Date.	From or To—	Subject.
165039	9-4	To S&A.	Reqt shipment of radio condenser from Wash to New Orelans. W
165044	9-4	To New Orelans. (R)	Gives results of Saturday test. W
165239	9-7	New Orleans T	Chief Elecn Scanlin duty completed; services no longer required. W To--Have restd Scanlin be detached. 9/8 To--Have Reqt orders for temporary duty at Key West. 9/8
165254	9-3	Scanlin, J.W.	Repor s on tests, etc.
165255	9-7	Grenshaw	Reports on tests. W
165386	9-9	New Orleans T	Reqt express shipment of 4 additional inductances, coils, one audibility meter, and head telephone. W To--Have restd shipment of material. 9/10 To S&A--Reqt for shipment. 9/10
165399	9-7	New Orleans	Submits list of apparatus required for permanent installation on of new 30 kw set. W
165602	9-6	Scanlin	Reports on progress? W
165825	9-11	Scanlin,	ditto
166011	9-16	NY	Frws print of Locke insulators supplied. W To--Should be supplied New Orelans. 9/17
166218	9-2	Scanlin T	Reports results of test with Darlan and Arlington; changes necessary Federal Receiver. W

NEW ORLEANS: RADIO: 821

Number.	Date.	From or To—	Subject.	
✓ 166588	9/9 9/10	Scanlin	Reports on breakdowns at station. W	
✓ 167842	10-6	New Orleans	Chief operators quarters; furniture for; submit list; rect be placed on annual cont or furniture. W Fwd Y&D via V.C. 10/11 RB 10/20 To New Orleans 10/21	
167054 167880	9/30 10/4	New Orleans T	Damage by storm	615-9
168196	10-13	New Orleans	Low power set in commission	
168303	10-12	New Orleans	Low powered station; out of com. W	
✓ 168645	9-27 10-14 10-18	New Orleans Y&D Dept	Old radio building; rect authority to expend \$500 to make into quarters for Commandant's clerk. W Fwd NO--For comment and rec. 10/22 RB 10/28 Fwd Dept--11/1 RB 11/4 Fwd Y&D--11/5	
169481	10-23	New Orleans	List of furniture required for chief operators quarters. W Fwd Y&D--10/28	
✓ 169588	10-26 To-- 11/6	Crocker Wheeler Co	4 GREAT LAKES: 5 kw motor generator sets for; output request if other than 500 cycle output generator and will be acceptable. W To--Will not be satisfactory. 10/28	
169647	10-26	New Orleans	Understands quarterly allotment is not to cover original installation. W To--Understanding correct. 10/30	

1015

NEW ORLEANS: RADIO.

Number.	Date.	From or To—	Subject.
163699	8/18	New Orleans T	Reqt early shipment of an aerial ammeter to replace one burned out; reqt full instructions for arranging aluminum cells.W To (R) 8/19
163589	8-17	New Orleans	Reports trouble with solinoid; hot wire ammeter burned out.W condensers TO (R) substitute paper 8-18 To NY and New Orleans and S&A--reqt shipment of ammeter to New Orleans and return of one now installed to NY for repairs 8/19
163784	8/19	To New Orleans	Gives results of Thursday's test.W
163960	8/20	To New Orleans	Gives results of Friday's test.W
164231	8-21	New Orleans	Reports on test during week starting Aug 16. deficiencies, etc.W
164178	8-24	To New Orleans (R)	Reports results W Hot wire ammeter shipped 8-23 W
164433	8-24	New Orleans	Estimate and recommendations for location of station for simultaneous sending and receiving.W TO --Instructions 8-28 New Orleans fws map 9-1
164621	8-28	New Orleans	Reports on test of new radio app.W
164620	8-27	New Orleans	Reqt station be provided with modern 5 kw radio ser.W New Orleans 9-3
164614	8-25	Scanlin, J.W. Personal	To--Have reqt shipment of material for 8/31 Re tests.W To NO via Rad Ser--9/7

NEW ORLEANS. RADIO 821

Number.	Date.	From or To—	Subject.
✓ 164477	8-28	TO New Orleans	New radio station: if is operating sufficiently to carry on regular schedule
164694	8-31	To New Orleans-Darien. (T) New Orleans T	Gives results of tests. W Neither Darien nor Arlington yet heard. W Darien Replies. 9/1
164577	8-30	To New Orleans.	Auxiliary radio set: reqt recommendation re installation of 5-KW 500 cycle radio spark transmitter. W
✓ 164961	9-19	Scanlin.. J.W	Reports on progress of work, etc. W
✓ 165055	9-2	Arlington R	Darien failed to make test Sept 3
✓ 165093	9-3	New Orleans	Reports on maximum wave length of station. W
✓ 165094	9-4	New Orleans	Submits report on tests week Sept 3
✓ 164975	9-3	To New Orleans. (T)	Heard no test today. W New Orleans (T) NO test held. 9-4
✓ 165116	9-5-6	Crenshaw	Test reports W
✓ 165158	9-7	New Orleans R	Darien signals: no trouble reading: no way measuring audibility. W

NEW ORLEANS. RADIO

Number.	Date.	From or To—	Subject.
159161	6-29	New Orleans T	Power line and water line not yet extended to radio station; electrodes missing; W
	Fwd Y&D-- 7/28	RB 7/30	To--(R) Have retd shipment positive arc electrodes to 8/30
159189	6-29	To New Orleans.	To S&A-- Reqt for shipment: 6/30 RB 7/22
			Asks data on opening of new radio station; G.H. Clark will be detailed to make tests of installation. W
159289	6-30	To S&A.	Reqt shipment 5 copper positive electrodes from Wash to New Orleans. 6/30
159332	6-28	New Orleans	Reports shortages in radio apparatus received; reqt authority to remove motor from chopper. W
			To S&A-- Reqt shipment of apparatus from NY to. 7/1
			To--Missing arc apparatus taken up with M. Is. 7/1
			To M. Is.-- Re missing apparatus. 7/1
			To Brook--(R) When will insulators and lightning switch be ready shipment. 7/26
			NY (R) Shipped July 12. 7/26
159651	7-3	New Orleans R	New Orleans 8-10
			Summarizes status of deliveries, contracts, etc. in connection with opening. W
			To--(R) Gives instructions. 7/9
159738	7-6	New Orleans T	Electrodes for new radio set; found. W
160475	7-1	New Orleans	Reqt station be adjusted for 600 meters. W
	7-12	Supt Radio	Fwd NO--Instructions re adjusting. 7/19 RB 8/16
			Refo Supt. 8-17
160583	7-15	To New Orleans.	Test of new radio set; instructions re test after set is commissioned. W

821 NEW ORLEANS: RADIO:

Number.	Date.	From or To—	Subject.
161067	7-20	To S&A.	Reqt shipment of wavemeter from NY to New Orleans for use at new radio station. W
161166	7-19	New Orleans	Reports breaking of straps holding new aerial; will delay putting station in operation until a few days after Aug 15. W
161776	7-28	To New Orleans.	Leading in insulators and lighting switch were shipped from NY. W
162848	8/5	New Orleans	Elec current for radio station; relative to services called for under reqn #1; recommends competition be raised and contract awarded to the Algiers R. & L. Co. W&R
162737	8-6	To New Orleans. (R)	When will station be in operation; desire services of Scanlin elsewhere. W New Orleans (R) Will be in commission Aug. 15th. W 8/7
	8-6	To New Orleans.	Reqn #3: auth use of radio receiving sets now at station. W-R
162967	8/9	Y&D	Feds corres relative to power for station. W
163020	8/2	Chf Elec J.W.Scanlin (Personal to Mr. Hooper)	Conditions at New Orleans Station, also touches on Brownsville tests, etc. W
163434	8-6	Scanlin, J.W.	Reports on status f.

1914

NEW ORLEANS: RADIO

Number.	Date.	From or To—	Subject.
143086	12-26	Chasn	Reports inspection.W.
144393	1-12	Y&D	Fwds report stating that 300' towers and buildings practically completed Jan 1.W.
145592	1-25	Y&D 2131	Operators quarters and dormitory.Tracing. W To-- Returns appvd. 1/29
147247	2-11	New Orleans	Asks re machinery to be furnished for.W To--Have recd to Dept for decision. 2/17 to NPO-- Recd copy contract 55 be fwd to New Orleans. 2/17
147890	2-12	--Rela- New Orleans	Relative to elec power required for radio station.W To--Comments on. 3/4
148674	3-3	To New Orleans.	Have recd shipment from M.I.s of one 30-K.W. arc set. New Orleans all material on way except aerial 3-22 To--Have recd shipment of spreaders from Bost. 3/27 To Bost--3/27
149446	3-11	Y&D 2076	Additional compensation for changes to radio towers.W
150040	3-15 3-18	New Orleans Y&D	Asks probable date of delivery of insulators and adjusting blocks for towers.W Fwd Y&D-- 3/27
151004	3-25 3-29	New Orleans Y&D	Radio towers; lightning protection: est.W Fwd Y&D--auth allotment for. 4/1

NEW ORLEANS: RADIO. 821

Number.	Date.	From or To—	Subject.
/ 151299	3-30	New Orleans	Reqt Bu prepare reqn for all necessary material for radio. To--Fwds copy 152776-821. 4/23
* 152776	4-20	To S&A.	Reqt shipment of certain radio apparatus to New Orleans. W
155339	5/18	Y&D	Fwds proposals for quarters and dormitories. W Fwd Dept--Concurs in rec. 5/22 Solicitor cont awarded to L.F. Alexander 5-27 Fwd Y&D-- 6/2
155217	5-18	To New Orleans.	Chief Elec J. Scanlin: has been ordered to station in connection with installation of radio equipment. W
155423	5/14 5/19	New Orleans Y&D	Estimate for installing turret operating platform for radio towers. W Fwd Y&D--Appvs. 5/21
156971	6-3	New Orleans	List of material necessary before station can be operated. W
✓ 157013	6-3 6-7	New Orleans Y&D	Radio operating platform and lightning protection for towers: fws reqn to cover. W To--Appvs reqn for: comments on 6/15 To S&A-- Trace connectors. 6/15 RB 6/23 To Y&D-- Fwds copy above. 6/15 Fwd S&A-- 6/24
55	6-5	To N.Y. & M.I.	Arc. apparatus - send plans of 629
/ 158487	6-19	NY	Relative to delay in delivery of insulators. W
159005	6-26	Y&D	Copy of cont with L.F. Alexander for quarters and dormitories. W

NEW ORLEANS: RADIO

Number.	Date.	From or To—	Subject.	
124307	5-5	New Orleans	Modernizing of: Algiers R&L Co. can supply either DC or AC current: 2 cottages available for quarters. 1 Fwd Y&D for comment and rec. 5/7. W 5/27 Fwd Dept rec new building for housing force. 4/10. W 7/23. Fwd Y&D. 7/25. 7/28 To Y&D-- Recs submission of plans for 10/10/21 To Y&D-- Returns appvd plans. 10/24	
125094	5/15	Chas.	Report of inspection. W	
No #	5-21	Fwd Dept	SE reqn 91 two 30 KW sets for. W	
✓ 127145	6/12	To Algiers Ry & Lighting Co	Re supplying power. W To New Orleans 6/12 New Orleans Ry Co. price quoted for current subject to large discounts if large quantity used. W To New Orleans Ry--6/22	OVER
127492	6/15	Y&D 10182	N.O. gives rate for light Fwds proposals for two 300 ft. steel towers. W Fwd Dept--rec award 6/16	
128663	6/12	Fed Tel Co	Caimito: Neither South City nor Honolulu able to test June 14th. New Orleans and Great Lakes ask point of delivery power machinery for 30 kw sets. W	851
✓ 128033	6/22	Y&D 2081	Building for: submits bids: recommends award to Henry Monk. W Fwd Dept--concurs 6/23	
✓ 128827	6-29	New Orleans	Out of commission: struck by lightning. W	
✓ 128945	7-1	Y&D	& GREAT LAKES radio stations: fwsd copy of contracts 2076 and 2077 for tower: have requested inspection by Insp'r Pitts. W	
129792	7/13	At Com Co	Reqt opportunity to bid on high powered station	853

NEW ORLEANS: RADIO. 821

Number.	Date.	From or To—	Subject.
130261	7-18	Y&D 2076	Fwds copy of contract with H. Monk for tower. W
127145		SEE OTHER SIDE	To New Orleans S&G Isle Ry Co. comments as to cost for electric power. 7/24.
131336	7-28	Algiers R&L Co.	Current supply, prices, etc. W To---terms satisfactory. 8/13.
131546	8-3	Chasn	Report of inspection. W.
134559	9-15	Y&D	& GREAT LAKES: radio towers; insulators for stays; fwds copy of reqn. W
134828	8-24 9-19	New Orleans Y&D	Chief radio officer reqt quarters at station. W Fwd Dept-- 9/21
139275	11-10	Y&D 2076	Radio building; fwds print of plate glass window panel; asks size of hole required for insulator. W To-- 4-5/8" hole required. 11/14
140410	11-24	Y&D	Relative to power for W To--Instructions. 12/4
141715	12-8	Y&D 8959	Returns corres; do not intend to increase power plant at station; estimate for transformers switch, etc. in connection outside current is used. W. Fwd Dept--Comments. 12/11 RB 5/3 Fwd Dept--Recommendations. 5/19

NEW ORLEANS: WIRELESS.

1913

Number.	Date.	From or To—	Subject.	
98 ^u 26	6/9	To Dept.	& Pensacola; requests radio stations be placed under direct control of Comdt, Chas. 827	
✓ 99168	6-9	Chasn	Report of Inspection. W To---material mentioned in par 4(a) should be retained at New Or. 6/11.	
99388	6-10	New Orleans	Asks best time to shut down station to change transformer. W Fwd Chas. rotary spark gap has been ordered but shipment delayed indefinitely. 6/14. To Chas. & S&A. request shipment order be canceled. 6/20. RB 4-20	
103054	7-24 8-4	New Orleans Chasn	35 kw transformer received from Key West b short circuited. W To New Or. To S&A. request shipment of to Chas. 8/7.	
103931	8-18	Chasn	Report of inspection. W	
104034	9-20	Chasn	Transformer burned out; station out of com. W (1) to New Orleans, (R) to---15 kw transformer shipped today. Directs procure oil. To S&A. request shipment. 8/21.	
104101	8-21	Bd. Insp. Shore Sta	Recommends more efficient set be installed for transmitting messages to Gulf Mexico. W Fwd Dept via Supt. Radio. comment. 8/22	
104333	8-25	New Orleans: T	Transformer arrived; Exp. Co. refuse to del. W Fwd S&A. 8/25	

NEW ORLEANS: RADIO 821

Number.	Date.	From or To—	Subject.	
✓ 109042	10-27	New London	Estimate for repairs.W Fwd Chas. for rec. 10/29. RB To New Or. via Chas. appd. 11/10.	
109360	11/3	Dept	& PENSACOLA: reports of Bd Inspn for Shore Stations, fwds for comment	827
✓ 109686	11-1 11-5	New Orleans Chasn	Reqt. b supplied with 3 fields for motors.W Fwd Chas. appd. 11/8 directs prepare reqn. 11/8	
✓ 110672	11-15	Chasn	Report of Inspection.W	
			1914	
✓ 115659	1-17 1-20	New Orleans Y&D	Gives reasons for requiring head telephone set for radio; appears on Y&D reqn 11.W fwd Y&D comments. 1/26.	
120097	3-14	Chasn	Inspection.W	
120392	3-12 3-18	Chasn Bd Inspn Shore Sta	Report of inspection.W fwd Dept. 3/21	
✓ 120491	3-16	New Orleans; Fwd.Y&D 4/21	Report of inspection.W Fwd Supt. Radio. for opinion as to necessi- ty of improving range. 3/23. RB Fwd Dept with rec. 4/16. RB 4/20 To Charleston 4/21	
121556	4-4	New Orleans T	Reqt. authority to purchase material for packing storage cells for shipment to M. Is. W Fwd S&A. rec purchase. 4/7.	

NEW ORLEANS: WIRELESS.

1912

Number.	Date.	From or To—	Subject.
84708	12/10	To S&A	Request shipment. Washn to N.O., of a Federal telegraph Co. radio receiving set, for use in connection with tests with Arlington, W. To Washn via S&A. Request shipment. 12/12.
87816	12-31	New Orleans	1913 Description. W.
"	1/7	do	Quarterly report.
87818	1-7	New Orleans	Fwd sketches showing changes made in connection with handling commercial messages, authorized by Bureau Feb. 8th. W
88551	1/25	To Dept via Y&D	Request authority to operate the D.C. power plant at navy yard for purpose of charging storage batteries at radio station. W To New Or. directs storage batteries be placed out of commission. 2/3.
90862	2-21	New Orleans	Report of inspection. W.
91233	2/25	New Orleans	Submits estimate for placing storage batteries out of commission. W
91993	2-21 3-6	New Orleans Dept 12479-422	Report of inspection: recommends flooring of operating room be braced; new building not deemed necessary. W Fwd New Orleans. Request rec and est for work. Asks as to availability of yard coal. 3/10. P.D. 3-26 To New Or. Instructions. 3/31.

NEW ORLEANS: RADIO 821

Number.	Date.	From or To—	Subject.
94132	4-2	New Orleans	Reports on plasing storage battery out of commission.W.
✓ 94464	4-7	New Orleans	Reports transformer becomes very hot.W To--- & S&A. reqst shipment of transformer from Key West for trial. 4/10.
✓ 94882	4/12	To Washn and S&A	Request shipment of two rotary spark gaps, one to New Orleans and one to Pensacola.W To Washn. & S&A. Reqst shipment of two spark gap motors to New Or. and Pensacola. 4/16. Washn BB 7-19 Washn
✓ 94897	4/14	To Chas via Nav.	& PENSACOLA: directs quarterly inspection of material, and maintenance of stations, be assumed by Chas. yard.W
95251	4/17	New Orleans R	Request Key West be ordered to ship reactance radiator with transformer.W To S&A—Reqst. shipment 4/18
J 96061	4-22 4-29	Chasn Supt. Radio	Reqst. radio officer be added to complement of yard in order to carry out order to make inspection Pensacola and New Orleans.W Fwd Nav. appd 5/1
✓ 98885	5-5	New Orleans	Aerial mast; struck by lightning. W
✓ 98959	5-7	New Orleans R	Station in commission.W

NEW ORLEANS: WIRELESS:

1912

Number.	Date.	From or To--	Subject.
58416	1/10	New Orleans	Reports non receipt of relay sending key and volt and ammeter: rect. Nov. 29. W To---Refers to 54000-121 Dec 23. W asis in shipment has been made. 1/23. To---Quotes NY yard's endorsement. 2/3.
60239	1/27	NY	Status of wireless material for. W
60336	2/2	New Orleans	Rect. thermometer. W To NY. Directs furnish. 2/5. To---NY to furnish. 2/5.
✓ 62517	2-29	NY	Reports shipment of voltmeter and relay sending key. W
63380	3-9	WHEELING	Reports inspection of. W To---Future spec's of radio shore stations to be in accordance with Spe. Order. #9. 3/12.
63478	3-11	New Orleans	APC ammeter received registers up to 150 amperes: stations using 240. W To---32A fwd NY. Request shipment to NY. Directs NY supply ammeter registering up to 240 amperes. 3/15. W = 30
64869	3/29	New Orleans T	Wireless aerial blown down: station out of commission. W
64920	3/29	New Orleans T	Wireless station in commission. W

NEW ORLEANS: WIRELESS. 821

Number.	Date.	From or To—	Subject.
66090	4/11	To New Orleans.	Concerning allotment of \$695.50. 1st endorsement received without letter; request further information. W 4/16. directs fur. GSE, Chas. with stub reams.
✓ 69569	5-22	New Orleans	Reqt. A-C fans for. W Fwd Chas. directs furnish. 5/25. RB 6-4
72119	7-8	New Orleans	Quarterly report inspection/ W
73344	7/12	New Orleans	Request repairs to volt meters. W O 22 instructions. 7-16 TO S&A reqt. shipment 7-16 Fwd Chasn. 7-16 RB 7-24
✓ 83141	11-21	New Orleans T	Transformer broken down; stations out of com. W (1) to --- Asks if transformer can be repaired by station force. 11/21 To NY. Asks if can supply new from stock. 11/22.
✓ 83177	11-21	New Orleans	In commission. W
J 83616	11-23	NY	Transformer for: reqt. additional data re size; believes was one instock. W To --- requests that shipment of J-4 coil be not shipped. 11/27. NY transformer not yet shipped. 11-29
84356	12-4	New Orleans	Reqt. supply of Leyden jars. W To --- & S&A. shipment requested from NY. 12/7.

NEW ORLEANS: WIRELESS:

Number.	Date.	From or To—	Subject.	
48691	9/13	New Orleans	Articles required for station. Rd S&A From NY. 9/16 TO -- T. be fur. from NY except Jar rack. 9/16 RB 10-11	
48909	9/20	To NY	& in S&A in instructions for mfr of secondary coils.	827
✓ 49814	9/24	New Orleans, P.O.	Reqt. instructions re uncompleted reqn. for elec. power for wireless station. Rd S&A From NY. 9/16 TO -- T. be fur. from NY except Jar rack. 9/16 RB 10-11	
✓ 50343	10/4	New Orleans	Quarterly report inspection.W	
✓ 51387	10/18	G.H.Clark T	Battery jars not suitable; reqt. additional.W To S&A New Or. (T) to New Or. Shipment requested. 10/19.	
✓ 51893	10/23	Todd, Lt. Comdr	Report of inspection.W.	
52034	10/28	To Brook. T	Spark gap. Directs shipment Oct. 30th.	827
✓ 52456	11/1	To New Orleans.	Rd S&A Bu reqn 168, for 2 wireless spark gap blowers.	
52682	11/2	New Orleans	States received 50 jars without contacts; reqt. 100 contacts be shipped by express.W (T) to -- Contact will be shipped reqd. by wire date of completion of Jar racks. 11/4.	

NEW ORLEANS: 821

Number.	Date.	From or To—	Subject.	
52709	11/4	New Orleans	50 battery jars and 100 contacts recd. W	
✓ 53614	11/15	To Washn & S&A	Telefunken series gap and roller inductance. four leaden jars and one D.C. motor. Recd shipment to Washn W.T.Sta. for experimen- tal use.W	
✓ 54187	11/18	Clark, Geo.H.	To S&A-States two boxes and motor recd and held by Adams Exp. for charges \$32.92 addressed to G.H. Clark. 11/24.	BELOW
54887	11/15 11/27	B.F. Sturtevant Co. S&A 117219	4 PENSACOLA STA: recovering of order for wireless spark gap blowers.W Fwd Pensacola-Note and sent to N.Orleans. 12/12. RB 12/21	
54900	11/29	New Orleans	Request new relay and sending key.W To--Appd: manfd at NY. and has recd shipment of voltmeter and ammeter. 12/2. To S&A-Recd shipment of voltmeter and ammeter from NY. 12/2. To NY-Directs manf of relay sending key. and shipment of meters. 12/2.	
55428	12/7	To New Orleans	Working of relay key in station: if satis- factory on alternating current, will not be necessary to use storage batteries. W	
53614	ABOVE		BL RB 12/9 Delivery made at Washington Yard Fwd S&A-Noted. 12/11.	
56214	12/ ?	New Orleans	States relay key will work with alternating current.W	

1912

FILE No.	From or To- (Dated)	Subject	
✓ 28412 1/3	New Orleans	Quarterly report on	
33457 3/7	From	ANTENNAE: gives radiation	875
35078 3/28	N.O. W.T.	REC. & Sending: tuner & receiver: reqt specf covering in connection with preparing specs for new.	898
35975 4/8	New Orleans	Report of quarterly report inspection. W	
Survey 8/29	To New Orleans	Approves use of Telefunken tuner and receiver for experimental work. W	
43606 7/10	New Orleans	Quarterly report inspection.W.	
45387 8/2	New Orleans	Reqd oscillation transformer for use in connection with standard calling wave length. W Fwd NY. Reqst recommendation. 8/2. RB 8-10 To asks if arr. can be made to clear battery outside of station. 8/2. Reqst report on condition of battery. 8/10.	
46985 8/12	New Orleans 121	Can secure current from outside source. Commandant recommends abolishment of station. W To ask reqt continuance or discontinuance be considered. 8/12. 8/12 retain. See below.	
47377 8/25	NY 2761-5	Reqd. authority to make secondary coil for. W At---appd. 9/1. RB 9-7	
48015 9/5	NY 761-6	Will make secondary coil for transmitter: will permit use of wave length up to 1300 meters.W Ref. N.O. 9/8 RB 9-15	
46985	Tel N.O. 9/7 see above	Arrange to supply outside current	



N. S. E. Form 134.

(See War Preparations - Confiscated Radio Stations)

[illegible]

Number.	Date.	From or To—	Subject.
622084	FROM CARD 16		Improvements to ground system- subm estimate with prints. 8/23 W Fds Bu Standards 8/30 W

NEWPORT RADIO STATION

1921

Number.	Date.	From or To—	Subject.	
581936	8/19	D /N.C.	Newport Station rest change of radio operator for sending station at Melville.	W.
586949	9/22	Boston	Quarterly inspection report.	W.
586948	9/22	Boston	Quarterly inspection report.	W.
588199	9/28	Boston	Ask what appropriation shipping of decomaster to MELville station is chargeable. To Boston - Gives informal apparatus 10/8 Fwds Boston via S&A - Allotment granted 3/24/23	W.
592980	10/31	To Newport	Radio material on hand and Available for issue - Request complete list of apparatus on hand W Newport Training Sta. - Subm list of radio apprs on hand, W. 11/23	W.
601879	1/7	To Dir Naval Communications.	Status of Radio Telegraph - U.S. Naval Radio Station, Newport.	W.
612822	3/8	Ordinance	Newport Torpedo Sta request three diesel engine lines removed from 5-boats be assigned to Station for use in air compressor outfits.	629-1

NEWPORT RADIO STATION

1922

Number.	Date.	From or To—	Subject.	
621869	5/4	Boston	Quarterly inspection report, Melville Sta.	W.
621868	5/4	Boston	Quarterly inspection report, Coasters Harbor station.	W.
601879	5/11	To Comdt Boston	Eng. report on outside power for U.S. Nav Radio Station Newport.	W 623-6
622084 CARD 17	5/11	To Boston	Ground resistance unsatisfactory condition of ground system cc CO Anacostia W	RB 6/9/22 W
	Bos 5/22	Fwds photostat of map of sta	Boston - fws antenna resistance curve -	6/5 W
626546	5/9	To Navgan	mitted 6/13 to 3.5 on - 11.5 intervals 7/17 Insisted personnel for Radio Station radio tests of vacuum tube apparatus W RB 6/21 W Fwds Navgan via Dir Comm 6/28	77
531252	7/1	Navgan	Newport Training Sta will reopen 7/1	707-10

NEWPORT RADIO STATION

Number.	Date.	From or To—	Subject.	
488843	4/21	Y&D	Returns unexpended portion of allotment covering painting interior of communication door.	
481501	5/3	Boston	Fwds request cov telephone and telegraph service at Newport Trg Sta.	914
495180	5/20	Boston	Quarterly inspection report	W
495302	5/4 6/7	1st Dist. Communications	Quarterly inspection report fwd Com 6-12	W.
504538	7/10	Y&D	Copy of letter to Boston authorizing alteration at Coasters Harbor Sta.	W.
510579	8/9	Boston (7)	Best authority to issue vacuum tubes. To Comdt Boston. auth granted 8-11	W.
511052	8/1	1st Dist.	Request station to be supplied with modern spark plug for 5" transmitter.	W.
513741	8/25	Boston	Quarterly inspection report. fwd Boston 8-30 RE 9/7	W.

NEWPORT RADIO STATION

Number.	Date.	From or To—	Subject.
515290	9/9	Boston	Subm estimate for painting towers. W.
534763	12/13	Boston	Quarterly inspection report. W.
558774	1-8	To Comdt Boston	Request date discontinuance of loose wire serv between Newport and Water Pk 1 W Boston 1/12 W.
552545	3/19	Boston	Quarterly inspection report Newport radio station. W.
552542	3/19	Boston	Quarterly inspection report Melville Sta. W.
563788	4/20 5/13	1st Dist. Y&D	Addtl communication facilities between Newport Torpedo Station and communication building— Recommendation covering. W. fwd Y&D via S&A 5/27 RB 6/22 W. fwd S&A 6/30
571664	6/24	Boston	Quarterly inspection report. W.
571662	6/24	Boston	Quarterly inspection report. W.
573837	7-9	To Hammond Radio Resch Lab.	In conn with install of trans set at Melville station w copy Order CO NEWPORT W To Hammond Lab 8/3 and w transmittng system being installed at Melville. P W.

Number.	Date.	From or To—	Subject.	
461653	12/3	Boston	Quarterly inspection report.	W.
461830	12/9	To Comdt Boston	Anti \$900.00 W copy Y&D Boston - 12/15 Fwd Boston. 12-20	
466022	12/15 12/29	1st Dist Com	Melville Station- Quarterly inspection report. Fwd Communications. 12-30 W.	
467934	1/6 1/8	1st Dist Communications	Quarterly inspection report.	W.
478228	2/27	To Comdt Boston	Info request if Stahl rectifier furnished for use Coasters Harbor Island is required, or can be used elsewhere W Boston 3/4 To Cdt Boston 3/8	
481221	3/8	Y&D	Sum estimate covering cost of instn of elec meters at Melville station. To Y&D- Allotment \$275. made copy to Boston. 3-11	Y

822 - Newport Radio Station.

-1920-

Number.	Date.	From or To--	Subject.	
481619	3/15	Bost T	C W 933 vacuum tubes needed for issue to Newport Radio Sta. - none available at Bost - W To Boston (T) 3/17 copy Wash	
482463	3/17	Bost	Coasters Harbor radio station quarterly inspection report - W	
481557	3/18	To S&A	Reqst shipment of transformer from Fleet Base to Newport, Coasters Harbor Island.	W
485399	4/1	Boston	Quarterly inspection report	W.
486515			And Comm- communication from station Newport furnished by Western Elec Co. 2:38 is call BB 4/24 W of Western Elec Co ex'r station Montauk W 4/12	
486976	4/9 4/12	1st Dist Communications	Quarterly inspection report And Comm: contents noted- quarterly inspection report. W 4/13	W

NEWPORT RADIO STATION.

Number.	Date.	From or To—	Subject.	
437191	8:1 8:4	Y&D Dept	Contract cov masts at Melville Station due for completion before 20th.	W
440274	8/15	Y&D	Contr. to cov rny 150 ft steel pipe mast at radio sta Melville due for completion in 30 days; 11	623-6
441843	8:25	1st Dist	Sub cable Coaster Isl to Naval Torpedo Station, fwis sketch and request that repairs be made at once. W To Com - 8:28 Newport 9-5 (copy) Telephone Co's repair figures unsatisfactory - Rec install new at \$1400. Boston - Request action. 11/14 and Com 11/21	
443524	9-2	Boston	Submits quarterly inspection of radio transmitting Sta, Melville.	W
443576	9-3	Boston	Coaster's Harbor Island Receiving Sta. Fwds quarterly inspection.	W

822-NEWPORT RADIO STATION:

Number.	Date.	From or To—	Subject.	
445036	9:8 9:10	~~Nav~~ 1st Dis Boston	Request instructions re disposing receiving apparatus not required. To Comdt Boston- Lists receiving equipment auth to be turned into store. 9-13 Boston 9:27 To Boston 10/4	
449572	10:4 10:6	1st Dist Com	Quarterly inspec report of Newport, Melville Station. W To Boston-Fwd 10:6 To Naval Com-Reqst quarterly inspec report. 10:8 Fwd Director Nav. Communicat. ons 10/18	
450146	10/6	Newport Radio Station	Req info as to disposition of sound detector horn Y 730	
451803	10:11 10:14	1st Dist Boston	Reqst fittings and springs be furnished. Fwd Director Naval Communications 10/18 To Boston-Auth furnishing stand bunks. 10:22	
453243	10:18 10:18	1st Dist Boston	Reqst disposition of surplus radio lab of Coaster's Harbor Isl. To Comdt Boston- Stahl req to be turned in store nos for issue 10/24	W
454161	10:25	1st Dist Copy	Five kw sets now in commission at Newport.	W
458048	11/12 11/14	1st Dist Boston	????	

NEWPORT RADIO STATION:

Number.	Date.	From or To—	Subject.	
✓ 420745	5-19 5-23	1st Dist Boston	Reqt auth to ship radio phone outfit recd at Melville to Boston for storage - W	
J 421903	5:26 5:27	1st Dist Boston	Reqt two stand Underwood typewriters be sup Coasters Harbor Isl Station fuded Communications 6-3 RB 6:5 fnd Boston 6-10	
✓ 426278	6:12 6:17	1st Dist Com	Sig towers Newport Station, recs searchlights be installed.	
		To Sec Navy - fnd 6:22 RB 8:28	fnd Boston 7/5	
		fnd Boston 9/2 RB 4/29	Boston Tel- Reqt orders for Lt W G Geller to be processed from Boston to Newport to obtain data. 7:9	
	12/3	Boston- Quarterly inspection report	fnd Naven rel orders for Lt. Gawler 7/11	
			To Boston - 7:25 RB 7:30 RB 8:21	
426499	6:18	Boston Tel	fnd Atl Fleet 8/5 Reqs permanent estab of present organ at Newport station.	W
			fnd Secty 6-20	
✓ 429554	6:10	Boston Tel	Reqt station in con with to station caps for 5 lvy lvy at Melville station. To Boston Tel 7/1 Boston 7:18	

Number	Date	From or To	Subject
430853	7:1 7:5	Report Y&D	Recd allotment \$350. to cov cost for masts at Melville. fwd Y&D 7/12
434911	7:23	Y&D	Fwd spec cov 150 ft steel pipe mast at Melville Radio Station. W
435150	7:19 7:22	1st Dist Boston	Recd disposition of excess radio app at Melville Sta. W to SEA Reg ship from Melville to Boston. one radio telephone 7/31 R B 9-20
Boston NSA	214 8/4	Fwd Boston	Returns regn without action, for distant control and receiving station Coasters Island. W
NSA 207	8/2	Fwd Boston	Req calling for one spare gap of Wireless Spec Ap Co returned without action. W

NEWPORT RADIO STATION

11

Number.	Date.	From or To—	Subject.
405734	3-27	To Y&D Boston Generator will be installed at Seasconsett. W 5:2 Boston-Reqst authority to ship two power units, to Boston. 5:8 Boston 5/22	To Boston- reqst report show dispos 5-12 Reqst efforts be made to expedite all Public Works activities in conn with the re-establishment of radio station at- To Boston- confirms phone conversation author removal 4-2 Boston 4:12 To Post n- author installn 4-17
405735	3-27	To Boston	Sum of \$500.00 chargeable to "Engr. 1919" allotted installn of radio equip at Melville
405971	3-31	To Comdt Boston	Disapproves reqst letter 3-23, for equipment Surfsidebe assigned to Coasters Harbor is as action previously taken supply equip for reception on short waves from Washn-
406693	4-1	To S&A	Reqst shipment from Washn to N ewport, one radio receiver, R B 5/24
407927	4:1 south mast	1st Dist and opr bldg 4-4	Req additional masts be erected at Melville station, submit estimate cov. W To Boston- masts will not be author at this time, antenna can be built supported between
407700	4-3	To S&A	Reqst shipment from Washn to Newport, four radio storage batteries W R B 5/24

NEWPORT RADIO STA

Number.	Date.	From or To—	Subject.	
410505	4;11	Boston	MELVILLE Radio Station-Recs that another mast be installed to accommodate proper arrangement of antenna. To Boston - disapproval of letter 4-9-4-17	W
410352	4-14	To Naval Communications	Advises transmitting station, Melville distant controlled from receiving stat at Coasters Harbor, placed in oper. 4-10	W
410397	4-14	To S&A	Request from Washn to Newport material for install in Coasters Harbor and Melville W R B 5/24	
417186	5;7	Boston	Reqt Melville Radio Transm Station be supplied with one high kw coil assembly. To Boston - disapproval of recs 5-12	W
416919	5;11	Boston T	Will complete remote control instal 15th. To Boston Tel 5-9	W
419008	5;16	1st Dist Boston	Masts and patrol facilities for Melville Station, recs. To Y&D - recs provide mast at Melville 5-26 Boston - Recs disapproval. 5;14 To station - recs disapproval, so no mast apply to station consulting public works 5-20 Y&D 5;27	W for

NEWPORT RADIO STATION:

Number.	Date.	From or To.	Subject.	
398135 <i>I</i>	2:20	2nd Dist	Req radio equip for Melville and Coasters Harbor Isl radio stas. To Newport- re shipment 3-8	
398849	3:3	Y&D	Sub estimate cov cost of cable between Melville and Coasters Harbor for distant cont of radio sta. asks if allotment will be made. To Newport- Coasters Harbor 3-8 To Y&D- author expend of \$5,314.00 3-8	
359827	3/4	To Newport Radio	Requack recpt of radio apparatus shipt to Newport reqst of Lot 12th to SO NF	898
401199	2:27	Insp'r Brook	Req switch be furn in con with remote cont sig and tel cond between con bldg and transm station Melville. To Boston- reqst shipment 3-11 Com Super Newport-Tel-Req Boston be instruc to ship 2 switches for rec and transm station at Melville. 3:20 To Boston Tel 3-21	
402310	3:11	2nd Dist	Req instru listed be fwd for Coasters Harbor Isl sta Melville. Request shipt of material from Rhode Island to Phila. 3-17 Phila - 3:24 Ph-Req descrip of ammeters. 3:26 To Phila req supply two ammeters to complet item B of Ship or M Azonh 27th 4-5 To Comdt Phila- reqs info re status of SO of 3-17 3-10	W

Number.	Date.	From or To--	Subject.	
403244	3:14	2nd Dist	Estimate on cost of instal DC feeders from 2 nd Station power house Coasters Harbor Isl to Com Bldg. fwd Y&D 3-21 R B 4:10 To Y&D- allotment of \$945 4-11	W
403158	3:13 3:15	2nd Dist Com	Req allotment be secured cov service of janitor for Coasters Harbor Com Bldg. to Secy 3-18 Request for janitor.	
403681	3:21	Boston Tel	Date of completion New ort Station 4. Date of completion Boston - Boston 3:21 to Boston 3-19 Tel: Newpt radio station be placed in commission as soon as possible W	
405971	3:25	1st Dist	Req rec app be sup. Com Bldg Coasters Harbor Isl. W	
404781	3-25	To 3&A	Req shipment from Phila to Newport. for Melville Station complete radio transmitting set- R B 5/24	

NEWPORT RADIO SECTION

Number.	Date.	From or To—	Subject.	
380969	12-30	To SEA	Boats shipment from Philadelphia to Coasters Harbor Newport RI 1 battery charging unit	W
381043	12-30	To SEA	Boats shipment from Wash to Coaster Harbor Newport RI 1 audion battery charging panel	W
381365	1-2	To 2nd Dist	Has arranged to ship to Coasters Harbor battery charging unit for Distant Control Station	W
387677	1:14 1:22	Newport Station Y&D	Req allotment cov erection of radio masts Newport Station. Cov Y&D 2-5	
387926	1:14 1:20	New York 2nd Dist	In con with strength of steel masts Newport Radio station.	
391288	1:29 2:3	2nd Dist Y&D	Replacement of deteriorated wireless at Melville, submits estimate cov. Fwd Secretary of the Navy 2-8 Fwd Y&D 2/17	tower W

Number.	Date.	From or To—	Subject.
394385	2-14	To S&A	Reqst shpmt from NY to 2nd District, 3, 32 volt radio telephone storage batteries- W
397321	2:18 2:21	2nd Dist Com	Rea all stand radio transn and motor gen be sup Melville Transm Sta. To S&A req shipment in New York port radio transmitter contr 30864 with Marconi 3-1
397205	2:20	2nd Dist	Asks if clocks for radio room are to be replaced or repaired under flat rate charges of \$25.00. To 2nd Dist- advises flat rate radio workman does not ever repair or replace of clocks in radio rooms on merchant vessels 3-3
397599	2:20	2nd Dist	Req two 10 motor gen sets. To Lorr- Dec 2 copy of prints be fwd Newport 3-1 To 2nd Dist- advises is to dining lo of 3-1 Com Rectifiers for operations 3-1
397490	2:21 2:24	2nd Dist Com	Req buzzer set be fwd. To S&A req ship from Washn to Newport radio buzzer set 3-10 RS 4:29

NEWPORT RADIO STATION

Number.	Date.	From or To--	Subject.	
319240	6/1	Newport Radio Sta	Sup. report of investigation in 2000 W. of station in vicinity of radio tower station	30,000 9.8
335198	8/5	2nd Dist	Reqst radio apparatus for radio sta at Newport Radio Sta	882
337050	1-6	To Cdt Trainstation Newport	Lists radio app. r. oted shi ped in SE shipment recd of Aug 15th for Dist control Station Casters Island	
336217	8:28	2nd Dist	Shipment order of 15th back 1:13 Avds report of inspec of and inactive radio stations owned by National Radio Co To---Re report on radio station. 9/9	
238943	9/10	Envd. Cavite & Olongapo	Re improvements of Rad.Sta. Olongapo.	
6434	8/16	Inspr Brook	Gasoline engines for radio for NEWPORT status R	629
353650	9:25	2nd Dist	Relative to antennae and ground rec steam casters, Newport. To--- 3 wire aerial 200' long; between spreaders Sho ld be satisfactory- als if this can be manfd at Newport 10-15 2 Dist 10-21 W	

NEWPORT RADIO STATION:

Number.	Date.	From or To--	Subject.
364849	10:30 10:31	DSS NEWPORT Com	Req a. ropiration covering furniture and equip for Newport Station. To Narransett, re furniture for. 11-5
364174			To D-1-1-1 Du be authorized to send living quarters for 1st Lt. Irving To D-1-1-1 re 11-1 Coast Guard - 2:11 To USCG-Rqst advise bur when work can be completed- 2/13
365419	11-4	To SEA	Rqst ship radio apparatus Wash to Newport W
365524	11-7	To SEA	Rqst ship radio apparatus Wash to Newport W
367859	11:9	2nd Dist	Furniture and household equip for operations res. and quarters for res at Melville radio station. sub estimate for. W 2nd and Dist 11-16
373906	12/3	To SEA	Reqs. ship of steel masts from Wash. Newport.
376388	12-11	To SEA	Rqst shipmt 5 transmitting sets NY to Newport W Re 4:29

NEWPORT RADIO STATION

Number.	Date.	From or To—	Subject.
> 306101	5:6 5:9	Second District	Fwds quarter report of inspection of radio station. " " To 2d Dist, approving recommendation, 5-15
322451	6:20	Second Dist.	Submits report of test to district static charges on piping system of vicinity of Newport station. "
324083	6:22 7:6	Pg 3d Naval Communication	Fwds quarterly report of Newport radio station. "
33337	8/14	To 2d	Re: ... of ... from NY to Order of 8-14 RE 10-5
33337	8/14	To 2d	...

1917

NEWPORT: RADIO STATION.

Number.	Date.	From or To—	Subject.	
225039	4/13	Dist Supt	Torpedo station, report of inspection W	
225118	5/11	Narragansett Bay	Not necessary to revise maintenance allowance. W	
229115	5-17	Newport	Fwds expenditures rec. for 1918 and 1919. W	
231315	5-22	Newport	Recd certain radio apparatus f.r instruction purposes at training regiment.	876
234049	6/15	Narragansett Bay	Newport Radio Station; request special allotment to cover radio compass. W To—Appvs allot. 5/22	
234737	6/19	Newport Torp Sta	Reports installation of a set on Lose Island, set loaned by amateur; will establish school of instruction. W	
235749	6/25	Newport Radio Sta	Buzzer signalling outfit not yet received. W To—Have not procured one. 7/3	
236332	6/20	Newport	Reports on inspection of north and south radio towers; require painting. W To—Appvs est. 7/2	
237311	7/5	Dist Supt, Newport	Fwds quarterly inspection. W	
253819	10/5	Newport	Quarterly inspection. W To—Gives action. 10/11	Newport 11/7

NEWPORT: RADIO STATION: 822

Number.	Date.	From or To—	Subject.
✓ 254094	10/11	To S&A	Reqt shipt of spark gap from NY to. W To—Reqt amend shipping reqt. 10/12
260485	11/12	Dept Agri Comm	~~Request~~ Request permission to make certain changes in signal system at Newport Torpedo Station. W
272351	12/31 1/8	Newport Radio Sta Navgn	Fwd's report on tubes on hand. Fwd Navgn—1/15
280537	2/7	Inaprr Pitts <u>VOID</u>	Request authority to make changes in Curtiss OXX prints for use in connection Pitts— burgh Model Engine Company's machine. DA
280502	2/6	Newport	Newport Radio Station inspection report. W To 2nd Dist. Appvs recommendations as listed. 2/12
283919	2/21	Ordinance	Recommends radio station at Newport be removed from Goat Island to Coasters Island. W Ordinance-recommends radio station at Goat Island be removed to Coasters Island. W To—1/8 - 2-11 To Newport—Instrns. 2/28 RB 4-27 Fwd Ord—3/12 *Port will make recommendations in *Ordinance 2-11
301474	2-21 4-25 2-25 8	2nd Dist Comm's 2nd Dist. Oct. 22 - Telegram req. est copy of letter 9/27 To—Fda above let 10-24	Recommendations re change in location of towers and radio apparatus in Newport radio station. W FWD Y & D—5-2 Fwd. Dept. 7/1 received back 7:17 Fwd. YD 7/19

NEWPORT: RADIO STATION.

Number.	Date.	From or To—	Subject.	
185048	4-14	At Coast Supt	Report of inspection: fws.W Fwd Newport— For comment and rec. 4/20	
186418	4/17	Newport Radio	Fws unsatis audion bulbs	898
184190	4/8	NY	Radio equipment on vessels at Torp Sta; care and preservation of, etc	139-6
191678	6/26	To Bost and Narr Bay	Transfer of 10 kw radio transmitter from Newport to Bost	843
193276	5-28	Newport	Impossible to complete concrete foundation for radio towers by June 30; request \$275 next fiscal year. W To— Makes allotment to cover. 7/14	
193271	7-7	Newport	Recommendations for distant control.W Fwd Dept— Rec appvl. 7/13 RB 7/20 To— Via Y&D— Approvs rec and authorizes work; gives installation required. 7/21 Fwd Y&D—7/22 RB 8/5	
194685	7/20	Supt Bost Dist	Recommends buzzer signal outfit be furnished.W To— Will purchase apparatus for. 7/31 Newport buzzer sig. set not yet received. 5/15 To Newport via Bost—5/24	

NEWPORT RADIO STATION. 822

Number.	Date.	From or To—	Subject.
✓ 196328	8/4	Narragansett Bay	Distance control; makes recommendations for; reports on experimental antennae between flag stations— staffs on administration building.
196776	8-19	TO N&A	Reqt shipment detector, bulbs, etc. to from Washn To—Reqt shipt order be traced. 4/30 RB 5-14
198721	9/6	Newport	North mast struck by lightning; time ball platform ladder rusted; request special allotment to make repairs, etc. To—Appvs allotment. 9/12
199127	8-15	Bost Supt	Report of inspection. W
206289	12/11	Y&D VOID	Copy of contract for sea wall. W
✓ 209173	12-6 12-15	Bost Radio Supt Newport	Narragansett Bay radio compass at Newport; reports installation completed 4/2 Quarterly inspection. W To via Bost—Gives action. 12/21 RB 2-17 To via Bost—Reqt report on efficiency of antenna at Newport and on War College Administration Building for receiving. 3/17 Newport estimate for installing radio compass in administrative building 2/37 Inspection report; fwds. W
209486	12/6	To Newport—Appvs install. 3/9/47 Bost Supt	
✓ 216904	3/20	To Newport	1917 NSE 25-B and Bu records differ. Reqt further information. W Newport no record of receipt. 4/23

NEWPORT: W.T. STATION

191

Number.	Date.	From or To—	Subject.
150236	3-18 3-20	Newport Supt	Reports on unsatisfactory condition fo 10 kw Fessenden set. W
	Newport in operating 5-4		To Newport-- Will furnish apparatus to place in satis condition. 4/2
	To Newport-- Best sets be in satis condition by May 1st. 4/22		To Supt-- Ritts 4/2
151073	3-31	To NY.	Lists radio apparatus to be shipped Newport. W To S&A-- Reqt for shipment. 3/31
154544	5-5 5-8	Newport Torp Supt Radio	Fessenden set placed in satis operation except new starting panel required. W Fwd Radio--Noted 5/11
157215	6-10	To Newport.	Replacement of Newport 5-K.W. radio set by 2-K.W. set; reat information as to the advisability of. W RB 6/22
158065	6-16	To Newport. (R)	If 5-K.W. radio wave changer installed and ready for use with Fleet communication? W Newport ready 26th; 6-18
163410	8-14	To Newport, S&A	Reqs. shipment of wave changing switch from New York. W
164435	8-25	Narr Bay	Reqt allotment to cover 5 kw wave changer. W To -- appvd 8-25
165448	8-30	Newport Sta	Submits estimate for installing Mark V wave changer. W To Bozt--Appvs estimates. 9/10
167028	9/8 9/30	Newport Torp Sta Supt Radio	Reqt. that radio station be moved to some other location. W Fwd Dept-- Recommendations. 10/4 RB 10/25 Fwd Rad Ser Via Ord--Noted 10/29

NEWPORT: W.T. STATION

1913

Number.	Date.	From or To--	Subject.	
101427	6-21 7-1	At. Flt Newport Radio	Reports delay in transmitting messages: Rosen in Charge court martial on account of absence. W Fwd Supt. Radio. 7/14.	
102996	8-2	Newport Torp	Rewind armature 5 kw motor generator: reqt. additional all tment \$210.00 To---attd. C/S Newport; estimates. 8-19	
106879	8/20	At. Fleet	Recommends increase in power to carry on Fleet work, also BOSTON & NY.	843
✓ 112637	12-10	Newport Torp	Reqt. telefunken receiver. To---attd. C/S Newport; estimates. 12/13.	
1914				
✓ 115109	1-10 1-15	At Flt Supt Radio	Recommends service at Newport be improved. W Fwd supt. comments. 1/17	
122055	4/10	To Newpt. & NY	10-kw set at NY yard removed from SALEM; request estimates for installing at Newport. Asks if space available. 2-kw set now at Phila. will replace present 5-kw set. W Newport room 4-15 NY report status 4-15 To Newpt. NY and 344 request shipment; reest estimates be expedited. 4/16. NY 4/17 10-kw set will be fwd 20th inst. W	

NEWPORT; RADIO STATION. 822

Number.	Date.	From or To—	Subject.	
✓ 123361	4/23	Newpt	Fwds prints and estimates for installing new radio apparatus.W Fwd Dept:reost appr.4/25. BB4 and To---appd.5/4.	
✓ 124028	5-1	Newport	Gives new wave lengths.W	
✓ 126647	6/5	Newport	Submits estimate for improving ground by using chicken wire net extending over sea wall and into water.W To---6/20	
✓ 130323	7-16	Newport Torp Sta	Reqt authority to retain I-P-76 receiver. W. To---request forms N.S.E.25-1. 7/22. Newport gives list of receivers on hand 7-30 To---and SIA request shipment to New York for repairs.8/4	
✓ 131945	8-7	Newport Radio Sta	Reqt inspection by Lt. Lowell be postponed until installation of 10 kw set.W To---desired be inspected to Lt. Lowell and Ens. Le Clair.8/10.	
132740	8-17	Lowell	Measurements	843
✓ 135013	9-19	Narr Bay	Reqt elec driven air compressor for 10 kw set. Fwd NY-- Reqt reqt be submitted. 9/23 rbl Newport erect action 2-8 Fwd NY-- 2/15 080	121
✓ 135573	11-12	Narr Bay	Reqt allotment \$1400 be granted for use during 1931-32 for work on station.W To--- allotment made. 11/17	

NEWPORT: W.T. STATION:

Number.	Date.	From or To--	Subject.	
✓ 52205	10/26	New Fort	In commission; messages have been exchanged with Colon. W To Narr. Bay. Noted. 10/31.	
56124	12/13	Newport Torp. Sta.	Requests authority to turn in wireless apparatus for shipment to New York for use of Electrical Class. W To--Has recd shipment. 12/18. To NY-- Advises and gives instrns. 12/18. To S&A. Recd shipment from Newport to NY. 12/18. To Narr. Bay. asks if set was shipped to NY yd. 4/9. To NY asks if recd. 4/9. B.B. 4-10	
			1912	
✓ No #	2/17	To Newport Torp. via S&A	Material charge "To of Vessels, 1912" for Jan. Stub recn 21. and contract 12/99. Requests credit to offset charge be made. A	
74379	7/27	To Narr. Bay, Newpt	Clark to report for testing and re-tuning radio installation, etc. W	
75078	8/5	Eck Dynamo & Motor Co.	Fwd's copy of letter to Newport relative to armature for wireless generator. W	
79112	8-26	Clark, Geo. H.	Reports adjustment in. W.	
80819	11/8	To Newpt, NY, S&A.	Shipment of Donitz, wave meter from NY.	914
82494	11/9	Newpt	Estimate for repairs to. W To--Appd. 11/13.	

NEWPORT: RADIO. 832

Number.	Date.	From or To—	Subject.
83687	11-26	Hill, Guy	Reports alterations being made to comply with Dept. order to send on 600 meters.W
83933	11-26 11-27	Hill, G.W. Newport	Suggestions for alterations to send at 600 meters. W. To Newpt. changes appd. 12/2. 1913
87815	1-13	Newport Torp Sta	Reqt. prints of a Telefunken 2-1/2 kw set To---Fwds prints. 1/17.
88115	1-16	Newport Torp. Sta	Reqt. new aerial. W Fwd NY Request be referred to Sub-Insp Hill for comment and rec. 1/21.
88293	1-20	Newport Torp BELOW	To 1/29 Wave meter; reqt. be sent to NY for re-calibrating. W To NY & S&A. Asks original cost of Donitz wave meter: instructions for charging. 1/23 To NY & S&A. Request shipment of Pierce. 1/23.
88494	12-20	Newport Torp	Description. W.
88293		SEE ABOVE	NY 1/28. Reports. W To Newpt Torp. & S&A. Reqt shipment Donitz wave meter to NY yard. 1/30.
89107	1/25	Newpt Torp. Sta. 24-154	reports repairs to radio plant. W To---estimates appd. 2/5.
90486	2/3	Newpt Torp. Sta.	Reports completion of new antenna Jan. 24th. W
95284	4/22	Fwd Dept	Telephone connection, 615-23

822

FILE No.	From or To— (Dated)	Subject.	
29212 1-20	To Narr. Bay	Cont. 104. motor for driving A.C. generator; Reqtst to be advised when received.	629
✓ 29927 1/23	Newport W.T.	Reports receipt of 10 HP motor under contract 104.	
✓ 30372 1/26	Newport	Reports receipt of induction motors with exception of fuses and panel. L	
✓ 30593 2/1	Nat.E.Sig.Co	Relative to non delivery of spare parts for 10 hp motors. Contract 204.W	
✓ 34451 3/22	Newport 24-42	Reqt. that additional \$1000 be allowed for construction of foundation for wireless mast.W Ret -- Will be made as necessary. 3/25.	
37951 5/3	Newport 24-58	New 5 kw Telefunken set not received; will submit estimates on receipt.W	
39048 5/17	Newport Tor.Sta	ANTENNAE: gives radiation	875
41522 6/17	do	Reports completion and erection of the north wireless tower. W Ret NY. Directs yard furnish material. C/19. R.R. 7-21 ✓ To --- Bu desires only type 1-1-76 receiving set be transferred to Eckman. 7/22.	
✓ 43105 7/1	Newport	Quarterly report. W	
45695 8/3	Newport	Reports receipt of Telefunken set; reports shortages; calls attention to wood insulation between terminals of coils.W Ret --- Shipment of receivers has been recdtd. C/9. Ret NY. Reqt information con- cerning shipment. C/22. R.R. 9-11 To made recn. 9/12	



Number.	Date.	From or To—	Subject.
✓ 631903	7/14	To Comdt New York	Reduction in number of radio shore stations of 3d Nav Dist. W Communications— Fwds letter from N.Y. rel to possible closing of Amagansett and Yards stations. 8/5 W
✓ 635724	8/1	N.Y.	Reduction of land standardization of operation cost at shore radio stations, - Fwds Dir Commns CC NY 8/11 RB 8/17/22 W - 8/15 - Y N.Y. - Request traffic reports on Sayville Station be furn. 9/15 W. 920 - 8/15 Fwds Dir Commns CC NY 9/19
✓ 645106	10/4	N.Y.	Desk transmitters and receivers and bell boxes - request be furn New York telephones. 7 To Mr. Lockyer was issued gives inform rel 11/29 NY 11/8 ask if bureau will supply desk transmitter and receivers W
✓ 645145	9/29 10/11	3d Dist. Y&D	Reports on coal shortage in 3d Dist. Fwds New York via Nav Communications 10/12 W RB 10/28 W Fwds Dept via rds & Docks 11/6

NEW YORK STATION

1922

Number.	Date.	From or To—	Subject.	
579333	9/27	NY	Rqst auth covering labor at Buffalo Sta and Manasquan. W	1046
646248	10/19	New York.	Request auth to permit visitors to Yard radio stations on Navy Day, 10/27. W.	
647055	10/25	Y&N	Copy letter NY returning saving of over allotment W.	
652722	12/7	NY	Type H. F. stuffing tube and connection panel for illumination set. Rqsts prints W	

1922

4-3881

NEW YORK RADIO STATION

1922

Number	Date	From or To	Subject
6219621		from over file	To Inspr mat Boston (T) Four motor generators recd NY Trace and advice co Inspr mat Pitts- NY 4/24 W Inspr Pitts- 4/25 Contract number and name of contractor 7/28 To Inspr mat Pitts- Given inform 5/3
621959	5/5	Y&D	Copy of letter to New York directing expedite reports on status of work under allotments chargeable to Engineering 1922. W.
✓ 628445	6/16	New York	request auth to move telephone set from C. D. Supt office to Varas To NY- no action taken 7/13

NEW YORK RADIO STATION

1920

Number.	Date.	From or To--	Subject.
520163	9/22 9/30	N.Y. Y&D	Estimate covering repairs to radio mast at N.Y. station. Y&D 10/5 Y&D 12/11 Copy of action to L.V. W
540312	1/8	Communication Capt	Copy of letter to NY showing diagram of connections of remote control for radio telephones installed at N.Y. W.
547799	2/21	1921 Y&D	Copy of letter to Pole & Tube Co. in Co. with payment cov mast loaned to N.Y. and damaged. W.
554461	3/29	Y&D	Copy of letter to N.Y. stating allotment cards being fwded cov work. 4/21 W Y&D Copy of action to N.Y. 4/21 W
563840	5/13	N.Y.	Subm outline of radio work, fiscal year 1922. W
563838	5/13	N.Y.	Subm outline of radio work, fiscal year 1922. W.
563824	5/13	N.Y.	Lists receiving eqript required for control station. W. To NY 5-18
581344	8/16	New York	Request prints of 200KW red. arc apparatus installed at Sayville. W. To Comdt NY- 8/24 N.Y.- Rqst prints of Cathode Sheaths-9/1 W To NY Fwds Plan 9/10

NEW YORK

1921

Number.	Date.	From or To—	Subject.
✓ 588363	8/28 9/3	3d Dist. CO communications	Request new transmitter be furn for N.Y. Yard station. W. To Dir Communications- Will install tube set- 10/7 Communications 10/19 W. To Dir Communications- Given Action 10/22
✓ 596305	11/19	Fwd NY	Miscellaneous Data for data book "Public Works for the navy" concerning Radio Station- W
601946	12/28	To NY	Request Status of tube set W To NY Billings 1/10 W Authorized 1/14/22 at temporary starter N.Y. 1/13 W To NY (7) Billings 1/13 W N.Y. 1/20 N.Y. - (2) Transformers and starter hot road: Bar Harbor transformer ship by express 1/23. 1/25 W

NEW YORK RADIO STATION.

Number.	Date.	From or To—	Subject.	
462139	12/10	To S&A	Reqt shipmt from Washington to N.Y. radio appr. W RB 2/26	
463211	~~12/11~~ 12/12	3d Dist Com	Quarterly inspection report. Fwd D.N.C. 12-18	W.
466148	12/30	N.Y.	Quarterly inspection report. p	W.
✓ 485170	3/22	N.Y.	N.Y. radio station- quarterly inspection report	W
484498	3/29	N.Y.	Transmitter installed at N.Y. Radio St. to avoid interference on Commercial waves. To IM NY 4/2 N.Y. - gives name plate data of transmitter. 4/8 W	W.
✓ 485381	4/3	N.Y. Copy	Request authority to expend \$20. covering telegraph relays. Dept 4/8 NY. To Secty - \$20.00 auth 4-12 Fwd NY 4-12 copy Com and DCCS 3rd RB 5/4	KW. W

823

-1920-

Number.	Date.	From or To—	Subject.	
492112	5/6	NY	Submits quarterly report of expenditures at San Juan radio station - W	
493384	5/11	N.Y.	Reqst for increase in maintenance allotments of radio stations in 3d Dist. To N.Y. addtl allotment made 5/15 To N.Y. increase authorized 5/19 N.Y. - 5/28 W.	K
493553	5/13	NY	Report on radio apparatus on hand and required to complete building program in Dist.	W
493314	5/29	N.Y.	Fwds quarterly report on expenditures for shore stations in 3d Dist.	K
499953	6/5	N.Y.	Quarterly report of expenditures at stations listed.	W
508835	7/31	N.Y.	Quarterly inspection report. W.	
507611	8-4	To H NY	Reqst drawings listed re Radio Tel W. N.Y. - Fwds prints. W. 8/17	
511335	8/11	Y&D	Re reqst allotment of needed funds for repairs to radio masts. Fwd Y&D 8/18 Y&D - Copy of instrs to N.Y. 8/23 NY - Quarterly inspection report 10/21 W	

NEW YORK RADIO STATION

9

Number.	Date.	From or To--	Subject.	
415520	5:3	TO S&A	Reqst shipment from Washington to Brook of radio transm and control boxes.	W
416930	5-10	To S&A	Reqst shipment from Brooklyn to Norfolk radio material W RB 6:14 BU 7:10 To S&A reqst cancellation of 5-15 BU 7:10	W
418553	5/10 5/14	3rd Dist N. Y.	Quarterly inspection report, Brook. radio Sta.	W.
424931	6-12	To NY Tel	Expedite estimates maintenance allowances for radio stations ensuing fiscal year NY-Tel 6:16	W
427768	6:20 To N Y-New parts for radio tel at Guantanamo Bay 10:10 NY- 10:22	NY	Estimate and reqsn for instruc of remote cont station sub. To NY- reqst name of proposed remote contr station and if possible copies of corresp NY-Sub estimate 7:10 To NY 8:1 RB 8:4 To Guantanamo Bu decided not to undertake work in con with Guantanamo Radio Sta. NY-Subs estimate of spark gap equip. 9:26	7/1 8:23
435355	7:23 7:24	3rd Dist Com	Quarterly inspec report Bush Radio Sta. fwd NY 7/30	

Number.	Date.	From or To--	Subject.	
444580	9-6	N Y	Rqst auth to renew receiver and audion control box. To NY- re shipment 9/11	W
446502	9-20	D.N.C.	Rqst from NY for installation of 10 KW alternator taken from LEVIATHAN. Recommends against.	W
452025	10, 15	N Y	Quarterly inspec report N Y Radio Station. W To NY-Regarding efficiency of radio station and auth instal of antenna switch. 10:21	
46112	10/20	To NY	Rqst wiring prints, rest installn of motor generators be made immediately upon receipt of W S 829	
459887	11-17 11-24	NY Comm.	Rqst temporary loan of 6 stage amplifier in conn with small receiving coil in the center radio control room.	W

NEW YORK RADIO STATIONS

Number.	Date.	From or To—	Subject.
387439	1-22	To S&A	Re ts shipt from Phila to NY Radio compass coil-house-switch-control New York - 1-23 Fwd S&A 2-1 S&A-Fwds copy of tel to NY giving routing of radio apparatus shipped for Marathon. 2-3 W
387443	1-22	To S.A	Re t shipt from Wash to NY I radi o compass receiving equipment Received back 4;16 W
392693	2-4	3d dist	Comm 2-6 recommends condenser units of transmitter be changed from Hayden to those of Dubilier type D Fwd Director Naval Communication 2-10
394581	2-13	To 3d District To International Radio Tel Co- 1-20 Insp'r Brook. 6/3 W. To Internatl RT Co. reget return of shipt to Washn 6-11 copy Washn Insp'r Brook- 6/28 To Insp'r Brook. action taken in letter of June 11th 7/8 copy S&A	Re st inform Bur when matrl loaned Internatl RT Co is ret'd to stock at NY Yd- W To S&A- Reget shipt from Wash to NY 1 audion control box type SE-1071- 2/13 To Internatl Radio Tel Co-Advise if finished with apparatus. 1-9 Internatl. R.T. Co. 1/12
394473	2-13	To S&A	Reget shipt from Wash to NY 1 Audion Battery charging panel To N.Y. 3-15 Request acknowledge receipt of shipt. RE 4;29
397524	2-25	To NY	Re t purchases be discontinued parts of transmitters type SE 148. Replac RE31F-123B original type SE 148 will find socket is type SE 148 plan RE31F-149A by type SE 1484 plan RE31F-149A (Old Number)
400628	3;29	Boston	

NY RADIO STA

Number.	Date.	From or To—	Subject.
398890	3-3	To S&A	Re: t shipment from N Brunswick to NY 30 KW arc set complete with power apparatus switches rds meters etc— New Brunswick-Req comp sets. 3:12 To N Brunswick- advises list previously fwded 3-24 Re: t shipment from Pitts to NY 30 KW arc set to be to Ohio Brass Co
399909	3-7	To S&A	
399911	3-7	To NY	Re: t 30 KW arc set type high tension insulator
399912	3-10	Insptr Pitts	RB To S&A- reqt shipment order of 3-7 be cancelled. 3-21 New York- States that all arc radio material formerly carried at Yrd has been transf to Fleet Base. W 4:1
401622	2:28 3:11	3rd Dist Com.	Quarterly inspec report. To N.Y. 3-15 recommendations in connection with quarterly inspection report.
404383	3:20	NY COM SUPER	Req infor re short wave trans and rec tel. needed for fleet arrival at NY To S&A- req ship from Phila to NY radio trans set 3-25 To Com Supt 3rd Dist- has reqt 30 Phila to ship radio set. tel as req disapproved 3-27
c ard 12	NY 4-5	Tel Phila. refuses to ship on acct of set being in- complete. W To NY- reqt disposition made of transmitting set 12/31	

NEW YORK RADIO STATION:

Number.	Date.	From or To—	Subject.
327815	7:6	5th Dist.	Reqt new spark gear for radio station. P.d. NY 7/22
329918	7/25	To S&A	Reqs. shift. of quenched spark gap from NY to NY for Rad. Sta. " "
338487	7/2	To NY	Author to purchase 30 sets of remote control eqpt 900
336723	8:9 8:13	3rd Dist Naval Com	Fwds report of breakdown of elec service from yard radio station to bldg 220 W 7/1
365298	11:1	NY	3rd Dist quarterly inspec report at Brooklyn W
337427	11-20	To NY	Shipping refts. made out to cover delrv destinations as listed—Gas engine generating units to radio compass stations W

1918

NEW YORK RADIO STATION:

Number.	Date.	From or To—	Subject.
378408	12:17	Atl Fleet	Copy— ~~XXXXXXXXXX~~ NY to nav 226 under act from 1:12 to 1:12 12:12 Silver Copy 1:12
379159	12-20	To NY	(T) For D.C.S. fifty dollars c 2 geable eng ~~XXXX~~ 1:19 auth radio control forty four Whitehall St GRANITE STATE W
382194	1-6	To SAA	NY Recls shipmt from Phila to ~~XXXXXXXXXX~~ 3 radio compass coils and radio compass houses for troop transports W
385877	1:18	To SAA	Req shipment one complete set equip from Navy 1rd Washington to NY. RB 6:3
385878	1:18	TO SAA	Req shipment radio coil from Phila to NY RB 2:11 To NY- recd acknow receipt of 1 per 3-

NEW YORK RADIO STA.

Number.	Date.	From or To—	Subject.	
231753	6-2	NY	Quarters for Chief Petty Officers: reqt auth to direct two story for office room and provide quarters for personnel else- where. W Fwd Nav Com—5/6 RB 6/9 Fwd YED—5/13 RB 6/20	
231977	6-2	NY	Require radio receiving set for listening in station to be established NY City; fws quotation from Adams, Morgan Co.	919
235441	6/18	NY	Radio station at the Battery: request detector W To—Instructions re procedure to follow. 6/29	
260288	11/12	NY	Fws report of inspection W Fwd Nav Com—11/14 RB 11/19	
262073	11/17	NY	Quarterly report inspection W	
304165	5/3 5/4	Communication Office NY NY	Request station be supplied with audion detector and bulbs. W Fwd NY—5-14	

NEW YORK RADIO STA.

Number.	Date.	From or To—	Subject.
314032	5/27 5/5	Dist Comm Supt N Y Naval Communications	Reqt receive ant listd be supplied for receiving station 44 Mitchell St N Y. W
314648	6:6	New York	Reqt increase in allotment for radio station. W
17505	5/10	to Am	Reqt receive ant listd be supplied for receiving station 44 Mitchell St N Y. W
319198	6:21	Naval Communication	Reqs reqt of controll station N Y for radio apparatus. W To NY Equip: was reqt. shipped from Wash. 6/25
322949	4:16 7:2	Third Dist New York	Reqt radio antenna be raised to allow blocks more space. W To NY. The sum of \$105. author. for raising of guy anchorage for antenna mast. 7/10 Y&N makes allotment 7:17

NEW YORK RADIO STA.

Number.	Date.	From or To—	Subject.
201223	9-27	At Coast Supt	Inspection report. W Fwd Bd I&S--10/7 Fwd Aid for Mat--10/7
204945	11-8	NY	Estimate for installation single wire antennae. W To--Appvs est. 11/13
205546	10-27	NY	Submit a list of supplies required. W To NY--Appvd. 11/16
280180	11/27	NY	Request certain stores. W To--Reqt auth. 12/14
209156	12-18	NY	Request Navy standard double stand detector. W To--Issue of auth. 12/12
210632	12-20	Dist Supt	Quarterly inspection. W Fwd Dept--1/8
210673	12-27	Dist Supt	States certain items of new equipment assigned by Bureau should not be charged against expenditure allowance; also recommends expenditure allowance be raised \$1,000. K To NY--Not charged to allowance; raises to \$1,000. 1/12

NEW YORK RADIO 823

1017

Number.	Date.	From or To—	Subject.
✓ 210946	12-26	NY	List of supplies required.W. To—Appvs. 1/10
✓ 210961	1-8	NY	Fwds recommendations that Elec School Power Plant be arranged to provide stand by power for operation in case of need.W Fwd Dept—1/16 R3 1-22 NY request action 2/9 To—Appvs plan and est. 2/13
216958	3-5	NY	Report of inspection.W
✓ 216909	2/20	To NY	NSR 25-B and Bu records differ. Reqt further information. W NY 3-28 To—4/7
✓ 219973	3-17	NY	Establishment of radio operating room building 42; Communication Office.W.
✓ 226474	5/3	NY	Gives outline of radio room work for 1918-19.W To NY—Gives action on.9/7
✓ 227233	5/7	NY	Recommendations for Fire Island & New York.W
✓ 227385	5-9	NY	Fwds sketch showing change in remote control for Ids and stations.W

1015

4

Number.	Date.	From or To—	Subject.
165433	9-9	NY	Reqt shipment from Washn of Edison batteries for use audion W To--Have restd shipment of. 9/10 To S&A--Reqt for shipment. 9/10
167962	10-11	NY R	Station out of commission 1/2 hour for repairs
168563	10-14	NY	States allowance made by Bu is insufficient.W
175401	1-5	To Newport Via NY.	Radio traffic between New York and Newport; direct communication between stations; restd re difficulty experienced in. W RB 1/26 Rwd Rad Jer-- 1/28 RB 2/2
178369	2-7	To NY.	Kolster decemeter; asks disposition of. W NY is on charge; being used radio Lab 2-12
178634	2-7	NY	Submits request for supplies for.W Retd--Appvs. 2/11
181664	3-9 3-13	Nickola - Tesla Co NY	Rqt description. Cross to Publicity Rwd NY--Information confidential; cannot be furnished. 2/17 RB 3/25 Tesla protests against 4-20 To Nickola Co--d will be glad to coo operate in connection with. 4/24 Tesla; gives reasons for 4-28 To Tesla--Further: 5/13 Tesla 5-16 To Tesla--Further data: 5/22 Tesla further 5-24

1916

23 NEW YORK RADIO SAT:

Number.	Date.	From or To—	Subject.	
✓ 163119	3-31	To S&A.	Reqt shipment audion detector and bulbs to NY for use of Elec Class. W	
163804	3/22 4/4	Dist Supt Supt Radio	Reports inspection. W	
174957	2/23	NY	Outline of radio work, 1917-18; items that will require over \$500 expenditure	604
186422	5/5	To NY	Drawings of coordination plan; reqt certain prints to bring file up to date	876
188277	5/18	To NY	Standard stock catalogue; class 16; radio apparatus and accessories, not classified elsewhere; S&A reqt proofs returned; reqt drawing numbers of	876
✓ 190660	6-7	NY Radio Sta	Request 2 variable condensers. W Fwd S&A--Rec be furnished from Wash. 6/13 NY Reqt action. 7/7 Fwd S&A-- 7/10 RB 7/19 Fwd NY-- 7/21	
191853	6-24	NY	Replacement of present spark gaps. W To-- authorized. 8/30	
✓ 195555	7/29	Atl Coast Supt	Quarterly report inspection. W	
	9-22	To NY.	NY Survey 34-86; asks which garwood receiver was survey. W-Y	

NEW YORK: RADIO

1913

Number.	Date.	From or To—	Subject.
110854	11-13	NY 69-61	Reqt. that Telefunken set with weeding out attachment now in store be issued to.W To---authorized.11/21.
111130	11/24	To NY	Proposed installing one of 10-kw sets to be removed from SALEM and BIRMINGHAM. Asks as to supplying 120 volts D.C.current.W
111643	11-28	NY 3054-855-10	Can supply D-C 120 volt current thru cables now run to station.W
115569	1-17	NY	Have supplied additional inductance to get wave length 1600 meters.W -- 128 Fwd Supt Radio.1/26.
116029	1-24	NY	Fwds description.W
119804	3-12	NY 3054-855-4	Aerial for radio station; estimate for building new to replace one damage recent storm.W To---appd.3/14.
120199	3-14	NY 3054-855	for San Juan Receiving set; states was issued to NY radio Sta; reqt instructions re shipping after survey or purchase of new receiver.W To---retain Telefunken receiver for use at NY.3/16.
120552	3/23	To Phila,NY and S&A	10 kw set removed from SALEM; request shipment from Phila to NY for installation at NY radiostation. 384-6

NEW YORK: RADIO 823

Number.	Date.	From or To--	Subject.
121068	3-25	NY 960-51	Recommends cancellation of JO for mfg wave changing switch.W
136117	5/13 5/27	NY NY	Submits estimate for installing 5-kw Lowenstein set.W Fwds Dept -- req appvl. 6/2 To NY 6, 8
129029	7-2	Supt Radio 5234-204	Recommends installation of 5 cycle set; present set cannot be distinguished from ataid. W To Arlington. Bu has taken steps to install high frequency 5-kw set at NY yard. 7/7
✓ 132837	8-29	Lowell & LeClair	& PHILADELPHIA; fwds measurements.W
✓ 133919	9-4	NY	Lowenstein sets; reports receipt of 3 from testing room; one assigned to Phila; Comptant recommends installa' on of one set at NY Yd Contract 20615. W To N.Y. appvd. if will operate on 120 volts 9-9. NY have installed 5 kw Lowenstein Sent 20615 9-18
134109	9-2	NY	Radio; estimate for repairing antennae and ladders, masts, etc.W 1916 To -- Appvd. 9/11
15479E	5-12	To NY.	Pierce wavemeter and Kohster decrameter; asks disposition if .W NY reqt return of wave meter shipped wason by mistake 5-25 Fwd S&A -- Req't shipment of. 5/4
✓ 164666	8-30	NY	Req't authority to turn in obsolete articles. W To -- Appvs. 8/31

1912

2✓

Number.	Date.	From or To—	Subject.	
62407	2/29	NY	BLDG. Station, recommends Yd station & testing station be entirely separate	913
63421	3/11	NY	APPARATUS: inspn of at Yard: takes exception to Clark's report and reqt that he be censured for derogatory statements which are not based on fact or investigation.	876
63851	3/18	NY T	APPARATUS: test of Telefunken appa. at 3.00 and 3.15	876
64516	3/25	To NY	TESTS: directs repeat sending test MARCONI set the 26th at 3.P.M.	903
70864	6/3	NY Radio Sta	TESTS: Reports on, Radio Laboratory, Lu. Stds.	903
78192	9-9	NY Radio Sta	Reqd. new antennae. Wswitch. W To NY appv. 9-17	
78256	9-12	NY 3054-116	Repair signature and solenoids. W To NY a. pvd. 9-18	
78861	9-28	NY 3054-120	& FIRE ISLAND: suggestions for modernizing. W To NY. Funds not available for any thing but urgent repairs, instructions re test in connection with dropping Fire Island. 9/27	

NEW YORK STATION 823

Number.	Date.	From or To--	Subject.	
83998	12/2	NY	Will send long distance signals Dec 4th, with Lowenstein transmitter delivered under contract 17471, reqt Bu. Standards Listin	in. 898
			1913	
✓ 87021	12/21	NY	Annual report on library.W	
87793	12-31	NY	Fwds description.W.	
88096	1/18	NY	Reqd detector tester and compressed air condenser for use testing laboratory in connection with new specs. for radio.	671--8
88675	1/27	To Lt. Comdr. A. J. Hepburn	Instructions to confer with Comdt Yd. re advisability of establishing a radio laboratory at that station.	632
✓ 93902	3-20	NY 299-2	Estimate for additional inductance coils and switches for and fire island stations.W To---Noted. 4/3.	
94774	4/11	To Dept	Reqd permission to transfer radio 20 Kw set from Salem to New York.	384--6
99686	6/17	NY	Fwds prints, and photographs of radio sta.	876
106879	8/20	At. Fleet	Recommends increase in power to carry on Fleet work, also New port, Boston.	843

NEW YORK W.T. STATION

FILE No.	From or To— (Dated)	Subject.	
✓ 28155 12/31	NY	Quarterly inspection, report	
✓ 28839 1/10	NY	Reports books now on hand at sta. Fwd Nav. 1/12.	
33382 3/4	N.Y.	ANTENNAE: gives radiation	875
34379 3/18	NY	ANTENNAE: gives radiation:	875
36179 4/14	To Dept	ELDG: W.T. reqt Y&D incorporate in estimates amount sufficient to erect at Guantanamo & NY	913
36392 4/17	TO NY	Directs installation of 10 kwset from BIRMINGHAM OR SALEM.	
40879 6/12	To NY	Directs Wireless Spec. receiver be issued to Station, and older type be shipped to BULLY. CCB	
✓ 48725 9/6	NY 3054-51	Reqt. authority to renew conductors, insu- lators, etc., on aerial.W 10 -- appd. 9/16	
58472 1/4	NY 3054-76	1912 Reqt. repairs to break key and window panes.W	
60960 2/13	To NY	Intended to eventually install the 10-K.W. set of either the SALEM or BIRMINGHAM in W.T. station at yard.	384-6
61401 2/16	To NY	TEST: directs sent test letter D for ten minutes 3 p.m. using Wireless Improvement Co's r. nel set. Report radiation: inform commercial stations	903



N. Y. HERALD RADIO STATION

N. S. E. Form 134.

(See War Preparations - Confiscated Radio Stations)

[illegible]

Number.	Date.	From or To—	Subject.
654627	12/23	Norf 876	Fwds special report on New method on simultaneously increasing output of arc transmitters and eliminating short wave harmonics and mush by use of a current transmitting filter circuit W To Norf - Rel cost of transmitting set 1/10 To Norf - transfer authd 1/12/23 To Norf - reqsta status of transmitter 3/21/23
655262	12/29	Norf	quarterly inspection report W

[illegible]

NORFOLK RADIO STATION

1922

Number.	Date.	From or To—	Subject.
642137	9/18	JAG	Report of board of Inquest in case of L. G. Caldwell late radio man 3d class, due to electrocution. W. JAG- further report covering death of Caldwell. 9/22/22. Fwds Navign 10/25 Fwds Navign 10/25
642569	9/23	Y&D	Fwds specificat ons cov painting towers at Norf. and Phila. W.
644377	10/6	Y&D	Additional allotments made to Norf. and Phila. cov painting radio towers. W. Y&D- copy action to Phila. 10/6 Y&D- copy action to Norf. 10/6 W.
647983	10/31	Dept	Copy of encorsement to 5th Dist rel to quarters for radio personnel. W.

NORFOLK RADIO STATION

1922

Number.	Date.	From or To—	Subject.	
648747	11/8	Y&D	Repairs to roofs of buildings completed with savings under allotment W	
651292	11/27	Norfolk	Wave installed on tube transmitter and discontinued on afo. W	
652917	12/8	Norfolk	Quarterly inspection report W to Norfolk -- Addnl funds have been allotted to S&A Regt shipment of rheostats from Washn to SO Norfolk 1595 12/11	12/12
645578	12/22	Norfolk	Rheostats allot of \$225 Accoy to transformers at Norfolk Sta. W	876

NORFOLK RADIO STATION

1922

Number.	Date.	From or To—	Subject.
635495	7/31	Norfolk. (T)	Radio sets grounded. Lynners Hill line out of commission due to electrical storm. W
		CANCELLED. see 919-24	
635505	8/7	Norfolk. (T)	AC Tube transmitter placed in commission W To Nav Communications. Details of report will be fwd upon receipt 8/15 W
636484	8/9	To S&A 550	Request shipment of arc key from Washn to Norfolk W
638500	8/22	To Norfolk	Naval Radio Sta Norfolk Wave Length measurement for 5 Dist Shore Radio Station. W
641185	9/12	Norfolk.	Request Drill press be shipped to Virginia Beach, Cape Hatteras and Morehead City. W Fwdg Dept 9/15 To S&A Request shipment of tools from Hamp Rds to Virginia Beach 1111 9/22 To S&A Request shipment of tools from Hamp Rds to Cape Hatteras 1112 9/22 To S&A Request shipment of tools from Hamp Rds to Camp Glenn 1113 9/22 RB 10/2 Y To Cape Hatteras— Ask if shipment recd 1/17/23 RB 1/20 Y

NORFOLK RADIO STATION

1922

Number.	Date.	From'er To—	Subject.
✓ 641290	9/13	Norrf. (T)	Specifications and plans for projects at Cape Hatteras and Norfolk have been fwded to Y&D - ask when proposal will be issued. W. Fwd'd ltr & ltr's to Norrf 9/13
✓ 641527	9/14	Norfolk	Quarterly inspection report W To Norrf - addnl funds are not now available to allot on project SB 44-E-23 10/18
✓ 641281	9/16	re S&A 1079	request shipment of material from Phila to Norrf W.
✓ 642008	9/19	Norrf. (T)	Are chamber for transmitter recd - door hinge broken. W.
✓ 642014	9/19	Y&D	Copy of letter to Phila. rel to specifications cov painting of towers at Norrf. and Phila. KW.

Number.	Date.	From or To--	Subject.
628315	6/15	Norfolk	Quarterly inspection report W To Norf- comments 6/28
628484	6/15	Norfolk	Norfolk distance control sta. Quarterly inspection, fwds report W
629515	6/23	Norfolk T	Motor generator parts shipped to Wash Yard Wire service, P. O. nears Hill, Cape Hatteras interrupted W
630080	6/27	Norfolk	Recd. at two new receivers and 2 amplifiers for control station. To Norf- Receivers for 6/29

NORFOLK RADIO STATION

1922

Number.	Date.	From or To—	Subject.
632294	6/29	N.Y.	Confirms telephone conversation re: to transfer in appropriation charge of 1/2 K.W. transmitting sets to be drawn from store. W.
632312	7/11	Norfolk	Gives reasons why truck was required for use between transmitting station and control station. W. Norfolk 7/17 W. Norfolk (T) Report on repairs being effected 7/18 W.
632779	7/14	Norfolk (T)	Electric storms interrupted station operating. request action on requisition #56 cov repairs to typewriters. W.
632670	7/10 7/14	Han. Rs. Communications	Quarterly inspection report, radio stations and radio compass stations in 5th dist. W.
633211	7/17	Norfolk (T)	Land lines between Cape Hatteras and Boyners Hill out—recommends instn. of 1/2 KW spark transmitter at Boyners Hill; land line from Virginia Beach to Hog Isl. out. W.
Cancelled—		see 919-28	

NORFOLK RADIO STATION

1922

Number.	Date.	From or To—	Subject.
✓ 61299	3/9	Norfolk (T)	Control lines out of commission due to plumber severing cable wires' W.
✓ 614286	3/17	Norfolk	Request auth to loop in Navy yard transmission station on 2nd circuit. W. Fwd Dir Comm cc Norfolk 3/24 AB 3/29. 7. Fwd Norfolk 3/31 RB 5/16 W
✓ 615335	3/24	Norfolk	To Norfolk- Request inspection report and use of truck between Norfolk Recg and Control stations 3/31
✓ 616073	3/29	Norfolk	Quarterly inspection report. W. To Norfolk- Advd as far as practicable to absorb charges 4/4 W
616388	3/31	Norfolk	Modifications to 30 KV arc anode holder fuses points with comments on. W.

NORFOLK RADIO STATION

19:2

Number.	Date.	From or To—	Subject.
618526	4/14	Y&D	Copy of letter to Norf. stating contractor cannot be required to make repairs to gutters under roofing warranty.
620297	4/24	Norf. (T)	Control lines and telephone lines from Base to Yard out of commission—due to submarine cable trouble.
620679	4/26	Naval Communications	Copy of letter to 5th Dist submitting comments on quarterly inspection reports radio stations in 5th Dist.
620765	4/26	Norf. (T)	Only 3 control lines at transmitting station and distant control stations working satisfactorily. 7/26
624302	5/22	To Norf	Spare arc chamber W K
625178	5/24	Norf (T)	Control station relocated on 2nd floor of demonstration building—trenches for ground station started at Virginia Beach; bid on motor boat at Royners Hill opened.

NORFOLK RADIO STATION

1922

Number.	Date.	From or To—	Subject.
603133	1/4	Y&D	Copy of telegram to Norf. asking reason for poor condition of boiler and necessity to replacement.
603700	1/9	Y&D	Copy of letter to Norf. station approved credit card will be fwded. Gov saying under allotment, char cable to engineering 1922.
604116	1/11	5th Dist.	1st auth for gasoline and oil for special transportation of communications personnel. Wd 5 Dist 1/30
604905	1/18	To Norf	Failure of central and communication lines in 5th Dist Norf 1/31 W
607888	2/3	Norf. (T)	TD set arrived at Va Beach—transmitter too large for door. Batteras fuel oil engine arrived at Yard. To 1st Dist sheets of Norf's inventory. If left material is from cc Norf 2/11

Number.	Date.	From or To -	Subject.
608297	2/4	Y&D	Copy of letter to Norf. approving repairs to piping of cooling tanks for arc. %
609642	1/15	To S&A 9715	Report shipment of material from Norf to SO Norf W
611651	2/27	Norfolk	Request list of block numbers furnished radio station, 5th Dist, to perform shipment on Govt bill of lading W Fwd S&A 3/3

Number.	Date.	From or To—	Subject.
571462	6/23	Norf.	Calls attn to cooperation and assistance recd from coast guard 5th Dist. especially from CO SEMINOLE. 7/1 W. To Coast Guard 7/1 Last Guard- 7/18 W
571460	6/23	Norf.	Calls attn to excellent cooperation and assistance from light house service in 5th Dist. W. To Dept Commerce 7/1 Bureau Lighthouses-7:8-W
572246	6/23	Norf.	Quarterly inspection report. W.
572467	6/29	Norf/	Quarterly inspection report. W.
582471	6/29	Norf.	Quarterly inspection report. W.
581717	8/19	Norf.	Request are chamber be expedited. W. To Norfolk 8/22 W. Norf- Dist Action 11/16 W. To Lorr- Gives Action 12/23
586585	9/21	Norfolk	Cannot submit monthly radio report for Sept due to shortage of personnel W

1921

Number.	Date.	From or To—	Subject.	
567542	9/27	Norfolk	Quarterly inspection report. W.	
569589	FROM CARD 15		Norfolk 10/21 W Fwd Director Cannon 10/28 Fwd Norfolk 11/22 Norfolk—Further test will be made. 2/6 W.	
602294	12/28	Norfolk	Quarterly inspection report. W.	
9230	12/30	Norfolk	Fwd estimates cov cost of manufg of castings for N.Y. Yard—rust opportunity to furnish all castings needed by Navy up to 15,000 pounds R	706

Number.	Date.	From or To—	Subject.
547621	2/20	Norfolk Copy	Report on small fire in Norfolk transmitting station. W.
		Communications extracts from report of board of file. 3/8 W	Norfolk Copy. Are set out of commission due to fire in cupolo. W. 2/21 615- 12
		Navigation. Fwd. Jap. report on fire at station. 3/11 W	Norfolk Subm report of fire with estimate of repairs. 3/4 W.
		Fwd Navign 3/19	To Norfolk 3-5
547805	2/21	Norfolk Copy	Lookout compass out of commission due to contractor installing radiator in coil room W
548234	2/24	Norfolk Copy	Arc transmitter in commission. W.
548234	2/24	Norfolk Copy	Transmitter in commission. W.
549277	3/2	Chasn. Copy	Arc transmitter in commission. W.
552477	3/15	Guantanamo	Copy of letter to Atl. Coast Communication Supt submitting report on audibilities of arc signals from Norfolk. W.
552937	3/15	Guantanamo	Report covering audibilities of arc signals from Norfolk station. W.
	3/22	Communications	Fwd Standard bu 3/25 RB 3/28 W
		Byd Guantanamo via HM NY cc Comm	To Norfolk 3/26
RB 6/14		Fwd Guantanamo cc HM Norfolk 4/15	To Guantanamo 4/2 RB 6/21 W
552649	3/25	Norfolk	Quarterly inspection report. W.
	4/29		To HM Norfolk Request from 4/16
554654	3/29	Norfolk	Quarterly inspection report W.
			To HM Norfolk Gives inform re cooling tank 4/20
			Norfolk Subm estimates. 5/7 W.

1921

Number.	Date.	From or To—	Subject.	
554849	4/2	To IM Norf	Instln of home on receiving circuit, Regst Inform W To IM Norf 4/14	
556835	4/12	To IM Norf	Regst, corr report be prepared and fwded to BU W Norf-4/26-W	
NOB3703	4/6	To Ind Mgr, Norfolk	Request for and Invoice of shipment ashore. WR	
559612	4/25	To IM Norf	Desires meter wave assignd to Norf Arc Transmitters be changed to 2400 meters cc Cam W Norf- 5/1 W.	
563028	5/9	Norf.	Subm estimates cov pipe railing around arc loading coil of marine barracks station. W. To Norf 5-19	
566464	5/25 5/27	Norf Y&D.	Subm estimates cov cost of construction of cinder road way. W. fwd Y&D 7/1	
569589	6-16	To Norfolk	Control lines between trans and distant control station 8/25 W	
1016	6-16	Norf- Recommends proposed circuits be installed. 10/12 W	To Norf- Gives instrns cc 5 Dist 10/12	
570514	6/18	Dept of Public Safety Norf	Ask if can obtain radio set from Norf for instln at police headquarters. W	898

NORFOLK

Number.	Date.	From or To—	Subject.
499757	6/15	5th Dist.	Recommends lease for room occupied by Dist. Communication Supt. be discontinued and space be provided in Hydraulic Office W. 1st Col 7-17
505994	7/16	Norf.	Improvement of antenna system at Marine Barracks statistics- Rds prints with estimates. W
506307	7/19	Norf.	Recommends radio accounting clerk be authorized in com. with accounting of expenditures, light vessels, compass and radio shore stations. W. 1st Col 7-20 Col Norf RB 7/8 W
506306	7/19	Norf.	Request radio stations be authorized to purchase fuel from nearest local agency, securing contract. W. 1st Col 7-28 SAC Copy of action to Norf. 8/10 W.
511120	8/3 8/11	Ham Bds. Norf.	Calls attn to port ventilation of sound proof booths. W. To Norf. appvl recs 8/17
512273	8/17	Y&D	Copy of letter to 15th Dist stating allotment of \$1,000 covering boat house at Balboa station should be for Cape Hilo Sta. W.

NORFOLK

Number.	Date.	From or To--	Subject.
524294	10/19	Norfolk	Recommends 3 pairs of cables be leased from C & P telephone Co. Fwd copies of contractors letter in conn with. W. And SAA 10/22
526394	10-29	Norfolk	Report on adjustment of wave lengths for arc and spark signals: W To Comm. Bureau 10-29-21 To Bur Standards- request compass bearings Is in En 11-9 Bur Stand. Labr. Fwd schedule and report of test. 12/3 To Bur Standards 1-8-21
532201	11/27 12/1	5th Dist. Communications	Fwd data sheets on test. W 12/8 W And Bur Standards 12/4
534740	12/13	Norfolk	Calls attention to improper addressing of 685 request for information concerning material under cognizance of supply officer- specific instance- Bu's letter 521581-898 Nov 30 re chd C.O. Dec 7th. R
537050	12/27	Norfolk	Quarterly inspection report. W. To Y&D 12/31 To SAA 1/4/21 Y&D- Copy of action to Norfolk Fwd Y&D 2/10/21
544624	2-8	To Norfolk Tel	Advise when adjustment wavemeters made W
546488	2/11	Y&D	Copy of letter to Norfolk authorizing installn of winches on foundations for radio towers. W.

N.S.E. Form 134.

NO. 101K

Number.	Date.	From or To—	Subject.
458011	11/17	To S&A	Reqt shipment from Washington to Norfolk radio appr. W RB 12/18 Norf. 1/12 In I.M. Norf- 1-19
460586	12/3	To S&A	Reqt shipment from Washington to Norfolk 100 radio batteries. W RB-1:10
462138	12/10	To S&A	Reqt shipment from Washington to Norfolk radio appr. W RB 2/9
462480	12-12	To S&A	Reqt shipment radio helmets from Chi to Hampton Rds. W RB 2/20 W. Inspr Chie- Copy of action to Ham. Rds. 12/17
~~46~~ 472047	1,26	Comm	Have informed 5th Dis that the suspension of 2400 meter watch has been disapproved. W and Norf 1/28 cc to Command RB 2/7
474203	2/4	Norf.	Quarterly inspection report. W. To Norf- reqst further report rel install 2/6

NORFOLK

Number.	Date.	From or To—	Subject.	
484522	3/29	Norrf	Quarterly inspection report. To IM Norrf- reqst further details- 4-7 Norrf- Test under way to improve efficiency of transmitter. 4/12 W.	W.
485919	4/6	Norrf (T)	Subm report on audibility using underground antenna.	W.
486359	4/8	Y&D	Request allotment covering up-keep of grounds at Marine Barracks Station, Norrf. To Y&D \$3200 made 4/10 copy IM Norrf Y&D- Copy of action to Norrf. 4/13 W.	W.
464310	4-6	Norrf	Outline of radio work Marine Barracks radio sta; W	604
488578	4/14 4/20	5th Dist Communications	Quarterly inspection report, transmitting station, Marine barracks, Norrf. Ev Comm 4-21	W.
490238	4/27	Norrf	Subm recommendations covering rearrangement of antennas.	W.
495914	5/1	To IM Norfolk	Supervision of radio material activities within various naval districts in accordance with general order 519- instructions cov- ering copy Comdt Charleston W	914
497271	6/1	Norrf.	Southern Gas Assn. request authority to visit Marine Barracks, radio station, during inspection of yard. To Norrf- grants permission to visit Marine barracks with inspection 6-4	W.

1919

12 ✓

NORFOLK:

Number.	Date.	From or To—	Subject.	
442755	8:6	Norf	Mfg of shock coil 30 kw arc transm req. regist action. W To Norfolk, Contract awarded to Fed Tel Co 8/4	
443048	8:29	Norf	Sub plans of wiring Norf Radio Station.	W
443477	9-5	Norf.	New arc and spark plug report.	
446064	9-17	Norf.	Fwds summary of progress of establishment of new arc and spark sta at Marine Barracks and Naval Operating Base.	W
449120	10:2	Norf	Sub progress report on new arc and spark station. W	

Number.	Date.	From or To—	Subject.
452711	10, 18	Dept ?	Sub progress report on establishment of new arc and spark station at Marine Barracks and distant control stations. W
456029	11, 4	Norfolk	Sub progress report on establishment of new arc and spark station. W
456029	11/7	To Norfolk	Infor reqd date of operation may be expected station Norfolk, cc to Com DCS 5th Dis Norfolk- New Radio Station will be in complete operation by 12/15. W. 11/17
456818	11/7	Norfolk.	Request shipt order be issued covering emergency receiving equipt for radio Sta Marine Barracks. W.
458495	11/18	Y&D	Contract 3546 covering radio building at Norfolk, complete August 1919. W.
458505	11/17	Norfolk.	Subm progress report covering establishment of new arc and spark station at Marine Barracks and District control Sta, Naval Operating Base. W. To Norfolk and no further progress reports 11/20

1919

11

NORFOLK:

Number.	Date.	From or To—	Subject.	
434429	7:21	5th Dist	Quarterly inspec report Norf Radio Station.	W
434899	7:23	Norf	Arrangements for power, feds prints.	W
434871	7:21 7:23	5th Dist Com	Quarterly inspec report Norf Station.	W
435861	7:28	Norf	Proposed arrangements for antenna leads for na Norf radio station, feds prints.	W
436109	7:29	Norf	Feds prints showing proposed arrangements of	W

Number.	Date.	From or To—	Subject.
437323	8;4	Norfolk	Sub summary of progress of estab of new arc and spark station. W
438575	8;7	Norfolk	Transm station at Marine Barracks, Twds prints showing arrangement of. W to Norfolk approval of installn 8/18
439732	8/16	To S&A	Req ship from Wash to Norfolk one radio and meter W
440234	7/31 8/16	CC Dept	Reports damage to pro-llers, while proceed- 62-14 ing to Norfolk, request spares to ship. Snd- calls attention to shallow channel to Norfolk - Y.
440743	8;19	Norfolk	Estab of new arc and spark station, report cov. W
440218	8/19	To S&A	Req ship from Wash to Norfolk one radio and for installn Hampton Roads W R.B 10;22

Number.	Date.	From or To—	Subject.	
416294	5-6	To Norfolk	Info request apparatus reed Norfolk, shipment by freight 4-14 and 4-15. W Norf 5;16	
416423	5-9	To Norfolk	Request install and testing of antenna arrangement at Norfolk. W Norf 5/23- Request vandykes listed - To Norf- three prints 6-28 Norf 6, 7- Sub revised plans of antenna arrangement. To Norf 6-12	
416918	5;10	Norfolk T	App received, not yet installed. To Ports- Tel 5-9	W
419304	5-20	To S&A	Req ship from Washn to Norfolk two radio selector switches. W	
421891	5-31	To S&A	Req ship from Washn to Norfolk five audion charging panels. W. RB W;15	
424185	5/15 5/8	Norfolk Operations	Report of bd of investigation on lack of co-operation between industrial and Supply Departments at Norf Yd. States conditions can not be made satisfactory until a large storehouse and suitable administration building is supplied. Recommends removal and transfer of certain shops of cateria	615912

N 700

Number.	Date.	From or To—	Subject.	
426320	6;16	Norfolk	Fwd summary of progress on estab of new arc and spark station.	W
425971	6-13	To Sui	Tele in from Smith Brook to Norfolk for instal in Norfolk. RB 6;18	W
425971	6-21	To Norfolk	Auth expend of \$500.00 W	
433144	6p22	Charleston	Asks when Treasury will turn portable house.	W
433957	7;18	Norfolk	Reqst auth to draw from stock one radio tel set and instal same at Norfolk rd. fwd Comm 7/22 RB 7;24 To Norfolk cc to DNC- req not approved 7/25	W
433898	7;17	Norfolk	Sub progress report on estab of new arc and spark station, at Marine Barracks.	W

NORFOLK.

Number.	Date.	From or To—	Subject.
399771	3-3	Norfolk	Establishment of new arc and spark station- fwd's progress report on- W
	Norfolk- Rel to wave lengths to be provided. 12/2		To Norfolk- notification of gen fwd 3-13 Norfolk- fwd's report on status of work. W 3:20 To Norfolk- Fwds Fed Tel Co drawing 3-31 To Norfolk. concurs in recs 12/8 copy DMC and DCS 5th Dist Fwds report of material shipped cov antenna. fwd Norfolk 3-12 R B 3:19
400502	3:7	Fed Co	
401086	3-10	To Dist. Com Supt Naval Base Norf..	Advises re shipment of radio material contract 1345 2-5th-18- To Norfolk- returns BLs 4-17 RB 4:50 fwded H Rds 5-14 Hampton Roads-Asks what instruments were shipped. 5:18
401061	3-13	To S&A	Req shipment from Washn to Cape Hatterson N/C. radio receivers-
✓ 404449	3-22	To S&A	Req shipment from Fleet Base S Brook to Norfolk five 5-KW spark gaps - R B 5/31
406658	3:27	Y&D	Cupola of radio station, req Bu expedite delivery of glass. To Y&D- author alterations 4-2 Norf - 4:26
401091	2:13	To S&A	Received back 4:7

1030

Number.	Date.	From or To—	Subject.	
> 406860	3:29	Norf	Req provide pedestal type porcelain insulator for new radio station marine barracks.	W
37008	4/2	Federal Tele Co.	Power and control circuits for Norf. 30 KW apparatus—fnds print. W	625
407713	4-3	To N ^o rfolk	Advise re shipment of radio transmitters asks installn of. W	
		To N ^o rfolk shipmt made from Pitts to N ^o r about 11-11-19 12/5	To N ^o rfolk will ship ap r in 60 days for transmitter. 4-9	
			Norf-Ask when motor generator set will be available. 12/2	
409234	4:5	Norf	Req authority to change dimensions of shaft to cupola, submits estimate.	W
	4:9	Y&D	To Y&D- allot of 142.00 4-11	
415443	5:1	Norf	Sub progress report of estab of new arc and spark station at Marine Barracks. 5-5	W
			Norf 5:19	
415291	5:3	To N ^o rfolk	Under gr antenna rec sta. Hampton Rds. will send rep.	
	Norf 6:27	To N ^o rfolk- rel to ship	Norf-Recs for improvements with prints and estimate 6:18	W
	of receiver 7/3		To N ^o rfolk- regst work be undertaken 5/24	
	To N ^o rfolk Tel 7/17		expend of 4500 with	
	Norf-All work stopped due to exhaustion of appropriation. 7:18		Req ship from Washn to N ^o rfolk three sets transmitting. W	RB 5:28
415821	5-5	To S&A		

1919

Number.	Date.	From or To--	Subject.
394472	2-13	To S&A	✓ Rqst shpmt from Wash to Norfolk 1 short wave meter type SE-392 - W To Norfolk -15 Request acknowledge receipt of material. RB 3;21
394822	2-14	To Ind Mgr Norf To Norfolk- acknw receipt of in- from Phila re radio antenna materi New York 5;8 To Norf- fwsd copy Norfolk 6/12 of lstr 3/25/19 6/30	Fwds copy of report from Insp Federal Telegraph re 30 kw arc transmitters- W To Norfolk fwsd copy of letter 3-18 3-25 To NY- reqst survey of material 3-25 NY-Material not in stock. 3:21 New York 4;5 To NY- asks info if material can be purchased in NY and shipt to Norf 4-8 RB 4;15 Fwds summary of progress of estab of new arc and spark sta at Marine barracks. W
395833	2;17	NorF	
395886	2;15	Y&D	Copy of letter to Y&D stating comp of work on cont 3546 due on or befor 5;14.
397326	2-25	To Norfolk Mgr	Rqst W&D's to be discontinued for parts of insulators type SE 948 dr. ins. R-13 LCB To Norfolk- fwsd print 3-13
399657	3-4	Federal Teleg. Co.	Fwds 3 vandykes and 3 blprt copies of the Norf 30 KW land station - W

NORFOLK:

Number.	Date.	From or To—	Subject.
391914	~~12-30~~ 12-30	~~From S&A~~	Norfolk-Aids req for supply of furni ure. Furn Dept 11-13 To Norf-Beats that restdn for furnisture be made out as usual purchase in advance of aprl Norfolk-Progress report 1:4 Beats shipment from Phila to Norf- Radio compass coils-switches 2 controls W
377364	12-14	To S&A	
377365	12-14	To S&A	Beats shipment from Wash to Norf Radio app as listed in talln on ANELGONE and . BRUCH W
379069	12-24	To Norf	Fed Tel Co informs that entering insulators completed cannot change diameter of holes 20 W Arc transmitting Station To Federal Tel Co in re above-No further action will be taken 12-24 W
382537	1-6	To S&A	To Norf-Tests to be completed Jan 10th 1-5:5 Beats shipment from Phila to Norf 2 radio coils and houses for troop transports W RB - 2:12
382968	1/6	Norfolk	Finished plan of present yard radio station, wiring of transm apparatus, fms prints. W.

NORFOLK:

Number.	Date.	From or To—	Subject.	
385035	1:13	Fed Co	Fwds prints giving overall dimensions part equip to be mfg by G E Co.	
384747	1-14	To SEA	Reqs shipment from NY to Norf- 1 Genco Gas engine battery charging unit	W
384119	1-13	To SEA	Re ts shipment from NY to Norf 1 Genco gas engine battery charging unit RB 5:5:19	W
385713	1:15	Fed Tel Co	Asks if company shall endeavor to have Genl Elec Co make earliest deliv of two motor generator sets for Norf Station. W To Norf- gives info re installn of arc, equipment 1-28	
386137	1:16	Norf	Submits summary of progress of estab of new arc and spark station at Marine Barracks. W	
389980	1:29	Fed Tel Co	Fwds copy of Genl Elec Co drawings gives wiring diagram of motor generator sets at Norf. W To Norf- fws print and report 2-28	

LOG ON

Number.	Date.	From or To—	Subject.
28903	10/1	To S&A	Repts. shipmt. of radio apparatus from NY
28903	10/7	To S&A	Repts. shipmt. of radio apparatus from NY to Norf. for stock. RB 8,8,19
291914	SEE CARD 5	To Norf. Re establishment of new arc and spark set 11-7	To Norf. RE type of antennas rec in their let Norf Oct 7th re-acts that new transmitting station be expedited to completion
To Norf. Re reeqn for new arc and spark stations, 11-14	1:2	Norf-summary of prog.	To Norf. In re above 10-25 Norf-arg Rep 11:18
✓ 356621	10-15	<u>Case 7</u>	Norf-Sub report 1:16 Fwd Y&D- RE outriggers for towers-Nav Radio Sta -Norf
✓ 359649	10-21	To Norf	To Norf- Authorized to draw from store and install on CAVEN 1 short wave receiver W
✓ 359826v	10-19	To S&A	Repts shipmt from Wash to Radio Lab Norf radio app for installn on CAVEN -cancelled W ~~Western Elec Co 1:10~~ Norf-arg 1:10

NORFOLK:

Number.	Date.	From or To—	Subject.
356621	10:7	Norfolk	Req reconsideration against powers. W
364207	11-1	To SAA	Reqs shipment from Wash to Norf- 100 batteries for stock Shipment order Nov. 21 R.B. 12/16 W
373171	11:29	Elm Dist	Transm out of commission, control and circuit transferred to So Dakota. W
374211	11:7	To Port.	Red Tel Co-Installation drawings for Norfolk 30 kw station fwd. W 1:3 To Norf- This prints as lists applying to Federal arc installn 1-14
375782	12:7	Fed Tel Co	Red Tel Co-Installation drawings for Norfolk 30 kw station fwd. W 1:3 To Norf- This prints as lists applying to Federal arc installn 1-14

NORFOLK.

Number.	Date.	From or To—	Subject.	
292073	3/26	To S&A	Reqt shipt of audion batteries from Wash to Norf. W	
292063	3-26	To Norf.	Shipment order RB 4-8 Appx to have amn from Radio Lab accompany boat trips when there is a radio set under flying test. W. 918.	
278372		QARD 5	Norf-Gives situation relative to power supply system for new Norfolk radio sta. W To Norf—Gives action taken. 3/30 To Y&D—4/1 RB 4-8	3-26
295387	3-31	Norf	Station routine. W	
295385	4/6	Norf	Reports reason for delaying station broad casts.	
300908	4-23	Norf	Reports 5 kw radio motor generator in store received from C&I - request disposition. To S&A-Rqst shipment from NY to Norf radio apparatus--5-3 To Norf--Motor generator to be held at Norf-5-6	
300910	4-23	Norf	Request new spark gap for station. W Ship Order 5;3 received back 3;21	17 Rec 8/6

NORFOLK

Number.	Date.	From or To-	Subject.
261623		See Card 5	To Y&D. Allots funds for relocation of To Y&D re increase of allotment for bldgs 11-8
351050	7/2	To Western Elec. Co.	Asks if any trace found of 3 megohm tor charging sets. for Norf. W Western Elec Co 8/17
372812	11;17	Fed Tel Co	Outline of drawings for Norf. W
359826	12/5	To Norf.	Re t. for ct. for radio appr tub shipped.
375464	12;5	Fed Tel Co	Req information re wiring switch board equip for Norfolk land station. W
375166	12-7	To S&A	Repts shipment from Phila to Norf-1 radio compass coil W
375167	12-7	To S&A	Repts shipment from Wash to Norf radio app for C.G. Sta 168 12-7 W Shipment order back 1;4

NORFOLK

Number.	Date.	From or To—	Subject.
254183	10/10	Norf	Fwds prints showing operating station wiring diagram.W
261693	11/17	Y&D	Norf contract awarded Aetna Steel Products CO.W Y & D Fwds blue prints in connection with increase cost foundations. W 6:24
261673	11/20	To Y&D	Will withhold allotting money for radio tower foundation until discussion on location of an arc radio set at Norf is settled. W
251623	To Y&D 11/21 nd ests and submit to Bu.1/19 To Y&D 1/21--RB 1-30 SEE CARD 6. To Norf--Reqt complete ests.2/2 Norf-proposed modifica towers.2/19	To Y&D 2/16 To Norf To Bu.1/19 To Y&D 1/21--RB 1-30 SEE CARD 6. To Norf--Reqt complete ests.2/2 Norf-proposed modifica towers.2/19	To Y&D 2/16 Fwd Y&D 2/26--RB--3/2 OVER Arc set for. Reqt submit plans of new radio building, etc.. Spark set will be at Jamestown.W Norf--12/20--fws prints.W Fwd Y&D--Reqt ests and recommendations.1/10 To Y&D--Directs prepare modifications to plans Ask where location is to be of new 30 KW arc transmitter set at Yard. W Norf 1-16
266914	12/14	To Norf	
278372	To Norf--appvs ests.3/12 2/2 To Norf Director Nav Com--appvs.W 3-4 Norf--3-5 Norf--Revised estimate... 3-6 To Norf--Fws Description of Instrns for transmitter 2/21	To Norf To Nurf To Nurf To Nurf To Nurf To Nurf	Distant control apparatus. Fwds Vand kes as listed with detailed comments re install. W Norf--2/14 To Nav Com--Detailed recommendations.2/26 CARD 6 To N av Com--2/27 To--Directs expedite manu and install of panels. Reqt shipt of trans set from NY to Norf, W To NY--Instrns re shipt.2/21 received back 7:22
282964	2/21	To S&A	

NORFOLK. 824

Number.	Date.	From or To—	Subject.
284039	2/25	To Nav Com	Long range airplane radio test. Instrns in connection with. W
251623	OVER Fwd Dept. 4/13 RB 4-27 Fwd Y&D 5/2 received back 7:17 Fwd Dept. 5/29		To Norf. Fwds Antenna blueprints. 3/2 Fwd Norf. via Y&D 5/5 Norf. fws prints 3/11 Fwd S&A 3/18 Fwd Y&D. Request furnish Bu ests. 3/18 Fwd Y&D 3/17 RB 4-12 Y&D have written Norf. for detailed info as to proposed location. W 4-1 Norf. fws prints 3/11
290073	3/15	Y&D	Increased estimate for alterations and new installations. W To Y&D. Makes allot with comments. 3/25 Y&D makes addtl money allotment. 3/27
289437	3/18	To S&A	Reqt ship of trans set from WASH to Norf. W To Norf. Instrns re material to ship. 4/2 To Norf. Gives action. 4/2 Fwd S&A 4/29 S&A 7/11
291914	3/11 3/23	Norf CARD 5 & 7 Y&D	Proposed relocation of radio towers and modified antenna arrangements—fws drawing and map of Norfolk yard. W To Norf. Bu arranging to furnish generator sets for new location—5-2 Norf. fws prints re radio allotments Norfolk asks number of generators to be instal in radio station at Marine barracks. 8:26 work on foundations will be completed in about three weeks (10/19)
CARD 6 dup		Norf—fws copy correspondence Y&D rel to final location. 4/18 To Crocker-Wheeler Co. Repts. drawing showing mounting dimensions. 9/6 To Norf. Advises re motor generators. 9/6	
		To Fwds. blueprint copy of drawing. 9/26 To Fwds. blueprint copy of drawing. 9/26	

NORFOLK YARD RAD O

Number.	Date.	From or To—	Subject.
200721	9-12	Diat Supt	Report on inspection.W Fwd Norf--With recomm and est. 10/3 RB 10/28 To Norf--Gives action on. 10/30
202090	10-3	Dept	Inspection report, W Fwd Dept--10/17
209054	12-12	At Coast Supt	Report of inspection.W Fwd Dept--12/22
209018	12/22	To S&A	Reqt shipt of ultraduion from Wash to Norf. W
213132	1-3L	Norf	Fwds inspection report.W Fwd Atl Coast Supt via Nav Com--Noted. 2/15 RB 2-20
215490	1-27 2-19	Norf Director NC	Recomm ds location be changed to administration office, building.W Fwd Dept--Concurs in. 2/23 RB 3-10 To--Change auth. Reqt map and rec.3/12
224215	4/19 4/21 5/31 To Y&D--6/5 To Y&D--7/10 Y&D quotes telegram from Norf stating work discontinued 7/14 To Capt Todd--8/25	Norf Commandant Norf rec. for location of tower To Y&D--6/5 To Y&D--7/10 Y&D quotes telegram from Norf stating work discontinued 7/14 To Capt Todd--8/25	Change in location of station at yard: submits estimate, plans, etc.W To--Reqt further ests.4/26 Norf fws print and estimate for changing location 5/10 To Y&D--Gives action taken.5/21 To--Appvs ests as listed.5/21 To Norf--Reqt recommendation of old gen now in use after install of new. 5/25

NORFOLK YARD RADIO. 328

Number.	Date.	From or To—	Subject.	
✓ 24463	1/24	To J&N	Reqt. shift of radio practice by user and blinder set from 2400 to 2000 per. W	
237472	7-9	To Atl Fleet.	JAMESPORT Reqt recom endations relative to establishment of a radio station at and continuance of radio station at Norfolk, etc.	615-19
✓ 238837	7/14	Norfolk	Recommends distant control be installed and the work of remodelling building 33 for radio quarters be proceeded with. W To Appvs rec. 7/18	
✓ 239973	7/20	Norfolk	Submits estimate for installation of distant control radio circuits from building 33 to radio station. W To Norfolk Appvs est. 7/26	
✓ 247668	9/7	To Norfolk	Outline of radio work 1918-1919. Lists expenditures auth. W	
224215	OVER		To Y&D Reqt proceed with work on Norfolk towers. 9/28	
251747	9/28	Y&D	Radio - remodeling of.	
✓ 252825	10/4	To Nav Com	Report of messages received and sent at Norfolk. Fwds. W	

NORFOLK: RADIO

1914

Number.	Date.	From or To—	Subject.	
115868	1-24	Norf R from NY rush.W	Clark reqt that 20 condenser jars be shipped (R) to--telegraphic request made for shipment. 1/24. To S&A. request shipment. 1/24	
✓ 117091	2-6	Norf	Reports installation of tune shifters and oscillating transformers; asks re disposition of old material.W. To--S&A request shipment to NY Primary variometer coils to be shipped to FLUSSER. 2/9 421 Norf.	
✓ 134019	9-5	Lowell, Lt	Measurements. W	
141863	12-5	Comdt.	List of vessels reqs. be sent to Yard	774
156962	5-19 8-4	Norf Supt Radio	Re failure to communicate with merchant vessel; relative to wave length used.W Fwd Rad Ser--Will install new apparatus. To Norf--Have reqd shipment wave changing switch from Wash; reqt est installation. To S&A--Reqd for shipment. 6/23	6/23 6/23 RB 7/2
158565	6-17 6-21	Norf Supt Radio	Reports inability to shift from long to short wave rapidly; reqt new tune shifter. Fwd Rad Ser-- See 156962-824. 6/23	W
158957	6-24	Norf	Reqd station be given new model tune shifter.W To--Will provide. 6/28	
164137	8-21	Norf	Change in spark gap; recommended.W To--S&A approved 8-24 Norf est 9-22 To--Appvs est. 9/3	

824 NORFOLK: RADIO:

Number.	Date.	From or To—	Subject.
178370	2-7	To Norf.	Telefunken wavemeter; asks disposition of. W Norf shipped NY June 6 2-12
179561	2-19	Norf R	Out of commission; present crystal not sensitive. W
181683	3-14	Norf	Quarterly inspection. W
182233	3-9	Dist Supt	Report of inspection. W Fwd Norf--For comment and estimates regarding installation of 11/4 K.W. charging motor generator 3/27 RB 4/11 To Norf--Comments on. 5/15
174957	2/11	Norf	Outline of radio work, 1917-18; items that will require expenditures of over \$500 604
190769	6-13	Supt Radio	Inspection; fws report. W Fwd Norf--For comment and rec. 6/16 RB 8/21 Fwd Y&D Via Communications--8/31 RB 9/16
190809	6-13	Norf	Recommends duplicate frequency changer sets be submitted and that the 125 volt circuit be extended to yard radio station as emergency source of supply. W To--Have rec'd Y&D to arrange for. 6/20 To Y&D-- 6/20 Norf transformer generator last; recommends rewinding 7-10 To Norf--Appvs; submit estimate 7/18 Y&D Copy of letter to Norf directing in- stallation of 125 volt circuit into radio station 8/1

Norf submits estimate 9-15
To Norf--estimates app'd 8/22To Norf--Funds not available for
pneumatic tube. 9/18

NORFOLK WIRELESS STATION

Number.	Date.	From or To—	Subject.	
40780	6/7	Norf.	Recons 290: relay & key have passed inspection: rept instrns. re payment.	629
33226		See Card #1	Relocation of station. And Norf. Directs proceed with installation. 6/9.	
✓ 46745	8/17	Norf.	Wds reports and photos of apparatus installed in connection with calling wave lengths. W To—Comments. 10/2.	
✓ 50541	10/5	Norf.	Actual work of installation ^{to} start Oct. 16. To—Directs proceed with installation: Clark will be ordered in about 4 weeks. 10/28.	
			1912	
74335	7/26	To Norf.	Log: ack receipt with favorable comments: instructions re making entries in. W	
75811	8/12	Norf.	M. & W. Kerosene engine #6006: asks if Bu has prepared requisition to replace gener- ator which was removed for shipment to Colon. W To—Norf. reserved for light ship #71. 8/15	
76624	8/12	Norf.	Requests spare motor. W To—Directs submit reqn. 8/26.	
80619	11-4	TO	Appvs installation separate arial.	914
85854	12-9	Norf.	Reqt. thermometer. W 1913	

NORFOLK WIRELESS STATION. 824

1913

Number.	Date.	From or To—	Subject.
✓ 87003	1/7	Norrf.	Requests Western Union code book.W Fwd Nav. 1/10
88532	1-24	Norrf	Description.W.
105081	9-2	WYOMING	Report of inspection by Lt. Hooper. W Ref. Supt. 9-8
1914			
✓ 114334	1/7	To Norrf.	Signals suggest some detrimental changes; asks if any metal structures or buildings with metal roofs have been erected close to station.W
✓ 115056	1/15	To NY (R) To Norrf, SEA	Report shipment material from NY to Norrf. for LOUISIANA and NEW HAMPSHIRE.W NY asks what transformer is to include. 1-16 (R) to NY directs refer question of appa- ratus to be shipped to Sub Insp. 1/16
115309	1-16	Norrf	Reports on conditions surrounding station; no metal structures adjacent.W
115378	1-17	NY R	Will ship transformer, etc. by Jan 17th boat.W
✓ 115573	1-20	NY	Gives list of material shipped to.W

FILE No.	From or To— (Dated)	Subject.	
32402 2/23	Norf.	TARGET PRACTICE: recd interpretation on re-lative to damage to wireless d.ring experiments with SAN MARCOS	749
✓ 33226 3/8	Clark, Geo.H.	Submits report on relocation of station. W. Fwd Norf. for comment and rec 3/8. RRB 8 12 To Norf. Asks if Bldg 53 is available; di-rects estimates be prepared. 4/27 To Norf. re st. est. for preparing room in bldg 51. C/17. RRB-2 Fwd Nert via Y&D rec appr. 8/30	See Card #2/
33244 3/8	To Norf	TESTS: directs certain: be carried out with station and ships at Yd and Hampton Roads	903
33335 3/9	To	METERS: wave: recd 245: fwd c ry of: to be used for purposed at Stations in vicinity	893-4
33903 3/14	Norf.	ANTENNAE: gives ~~note~~ radiation	875
33882 3/15	Dept	WASHINGTON: communication to be suspended with until dispersal of At.Flt	840
✓ 35910 4/11	TO Norf & NY	Shipment of lightning switch to Norf. W To NY Switch to be of type C - 18306-A. 4/12	
✓ 35912 4/11	TO Norf	Fwds copy of recn. 290 oscillation transformer. W To S&A. Recd shipment of lightning switch NY to Norf. 4/11. To S&A Recd point of del. be changed to Norfolk. 4/14. To Norf. agst. that item I be changed from Wash. to Norf. Yd. 4/15.	
36081 4/12	TO Norf, NY & S&A	Directs shipment as of insulators. W	
39241 5/12	Norf.	MESSAGES: corrects position given by SS City of Montgomery in connection with message from.	892



POINT ARGUELLO

1922

Number.	Date.	From or To—	Subject.
✓ 617089	1/3	Y&D	Copy of letter to LI approving development of water supply.
✓ 623494	4/24 5/13	Mara Isl. JAG	Water right for Point Arguella station- fwds proposed contract with Sudden Estate Co. cov. Fwds Judge Advocate General 5/17 RB 6/3/W Fwds LI 5/7
✓ 653250	12/7	M.I.	Fwds photographs of water projects at Point ARGUELLO W

Number.	Date.	From or To—	Subject.
584003	9/1	MI	Request 2 KW generator in lieu of Delco lighting set. W.
0		To MI- Gives comments 10/5	To MI Authd 9/12
584311	9/2	Pac-Coast Supt	Propose closing Point Arguella and Faralone. W. MI- Copy action to Communications 9/22 W San Diego- 9/22- Recommendations. W. Fwd Dept via Dir communications 10/8
584093	9/8	To LI	Boundaries of radio station reservation: Regst prints W MI- Fwds prints showing boundaries of radio station reservation. 9/15 W. Dept 10/21 Fwds letter from Dept of Commerce W To Secy of commerce- expresses appreciation for action taken 10/29 To MI- Fwds correspondence re Pacific Coast Com - 11/2 With list. Fwds charts. 11/1 W To MI- Regst data be forwarded 11/19 MI 11/30 W
583341	10/6	To MI <i>V. D.</i>	does not authd withdrawal from store the second 2 K W back shunt type of key- W
600987	12/9	MI	Quarterly inspection report. W. To MI 1/2 W Lare 1/2 W

POINT ARGUELLA

RADIO STATION

Number.	Date.	From or To—	Subject.
605520	1/20	Y&D	Copy of endorsement to MI rel to status of new work at Point Arguella. W.
609875	2/19	MI	Fwds copy of letter from Sudden Estate Co. Requesting station develop sufficient water supply for their needs. W. Fwd's Y&D 2/18 W cc Y&D- copy action to MI 2/23 W
613391	3/7	MI	Request descriptive books for Point Arguella and Faralona Island be ret'd for correction. to MI- returns books 3/16
615775	3/22	Maro Isl.	Fwds copy of letter from Dept of Commerce also print showing location of springs and proposed pipe lines and tanks at station- re me. t with to proceed with work. W. Fwds Y&D & Dock 4/1

Number.	Date.	From or To—	Subject.	
464310	3-10	~~Point Arguello~~ 12th Dist.	Outline of radio work Point Arguello Sta; W	504
488828	4/21	Mare Island	Re vest authority to issue amplifier to Point Arguello and Eureka Stations. To M.I. (C) auth report contract serial references 4-22 Mare Island lists receiving equipt assigned to Point Arguello and Eureka. 4/26 W	W.
491237	4/26	Mare Island	Copy of letter to Point Arguello Sta. submitting diagram of connections in conn with addtl receiving facilities. W.	
484400	5/6	Mare Island	Instln at Eureka completed 5/1; Point Arguello, 5/3	771
501965	5-28	To M.I. (T)	mail photom. bs PT ARGUELLO. Mare Island photo. 6/30 W.	
502179	6/22	Mare Island	Quarterly Inspection report W.	
505712	7-16	Y&D	Copy of letter to M IS authorizing expenditures listed for various work. W	

829 POINT ARGUELLO

Number.	Date.	From or To—	Subject.
517447	9-9	Mare Is	Quarterly inspection: W
520607	10-4	To S&A	Reqt shpmt of wave meter from Washn to Pt Arguello W RB 1-11
532977	11/29	Mare Island	Quarterly inspection report. W. To Co. Mt Mare Island 12/6
539030	12/31	Mare Island	Fwds correction sheets to be inserted in descriptive book for Point Arguella sta. 7
551025	3/12	MI	Fwds addtl sheets for Stien descriptive book. W
555239	3/28	MI	Quarterly inspection report. W.
562625	5/3	L	Instln description and operating instrns for Point Arguella-fwds. W.
579933	8/9	Y&D	Copy of letter to Mare Isl. directing work on 3 ster. keys. 8/18 W MI- Fwds plans and estimates. 8/18 W
580610	8/9	MI	Fwd Y&D books cc 1- 9/82 Quarterly inspection report. 7.
583341	8/26	MI	Eureka & Point Arguella- post shipt from Washn Yd of uni wave keys. W. To MI 9/14 W MI- Reqt authority to ship to keys from store. 9/14 W To MI not summarized 10/6

POINT ARGUELLO:

Number.	Date.	From or To—	Subject.	
329884	7:1	Point Arguello	Log quarter ending 6:30	
326054	7/24	Fwd. Mare Is. via P.O. Com. S. pt.	Re td. th t all quarterly inspect. report for r. stat. by Fwd. via Com. Received back 9:5 To Mare Is. Author. improvements. 9/6	
	7:5		Received back 2:3	
395294	2:10	12th Dist	Arguello Station, sub req for any 15 hp gas engine. To 12th Dist- Rqst disapproved- 2/19	W
415337	4:22 5:1	MI Com	Quarterly inspec report.	W
437375	7:24 8:1	MI Com	Quarterly inspec report Point Arguello Station. Fwd Secty 8/11 RB 8:18 To MI- desired held in abeyance until rec sub covering major projects during ensuing fiscal year 8/20 To Y&D- req undertake work, allots 1650 8/21 Y&D 8:25 MI-Quarterly inspec, radio station Arguello 10:27	

POINT ARGUELLO

Number.	Date.	From or To—	Subject.	
436741	8:2	MI	Naval Radio Station Point Arguello. quarterly inspection report.	
455406	10/29	Mare Island.	Quarterly inspection report. W.	
459060	11/20	Y&D	Work covering painting of buildings and masts completed.	W
468864	12/30	Mare Island	Fwds photos of point Arguello Sta.	W.
475664	2/4 2/12	12th Dist- Communications	Quarterly inspection report. Ad Com 2/17	W.
477161	2/11	Mare Island	Quarterly inspection report.	W.
479218	2/14	Mare Island	Fwds photostat photograph of longer binding screws for use in assembling descriptive booklet.	W.

1917

POINT ARGUELLO:

Number.	Date.	From or To—	Subject.
216569	3-7	To M. Is.	Disa pvs M. Is. Shipt reqt 1914. 2/12/17 Short range trans sets previously shipt to M. Is. for St. Paul and Pt Arguello, are required at Aero Sta. Shipt of has been requested. 847
216916	4/3	To M. Is.	NSE 25-A and Bu records differ. Req't further M. Is 4/16
224176	4/15	Pacif. Coast Supt.	Avds print and requests authority to erect new mast and operating house W To Sec Commerce--(Sec Sig) Rec permission be grant- ed to Navy Dept for extension of present radio site to include new location. 4/27 To Avds copy of letter to Dept Commerce. 4/27 Dept Commerce is being investigated 5/5
230041	5/22	Dept Commerce	Grants permission to install mast and house on Lighthouse Reservation, Pt Arguella. W To--(Sec Sig) Acknowledges. 5/28 To M. Is. via PCS--Req't ests for proposed improvements. 5/1
247538	9/5	Marine Corps	Request allotment for semi-permanent har- racks at Point Arguello W To--9/8
325054	6:29 7:12	San Diego Naval Communication	Report of Arguello station. Report of Arguello station 11:1

POINT ARGUELLO RADIO STATION. 82

Number.	Date.	From or To—	Subject.
✓ 256102	10/22	M Is T	Request authority to issue pass to Gutleben Bros. contractors for barracks, to enter station.W To—(T)Grants auth. 10/23
258662	10/26	M Is	Quarterly inspection; fwds report.W
264065	11/20	M Is	Request authority to erect two masts in lieu of one.W To—(T)Two masts auth. 11/30
✓ 270983	none	none	Contracts for radio buildings, Point Arguello and Farralona Islands.W
275929	1-11	M Is	Inspection report; fwds.W
281761	2/14	M Is T	Request authority to have working part put under Port Arguella Station - W To—(T)Grants auth. 2/16
✓ 282314	2/16	M Is T	Request authority ~~to~~ for working party to enter station.W To—(T)Grants auth. 2/19
292354	3-23	Y&D	Point Arguello and Farralones - have allotted \$190 for installing ranges. W To—Jakes allett. 3/28
299773	4/11	M Is	Quarterly inspection fwds report.W To—Jakes allett. Requis. will be app-4-25

POINT ARGUELLO:

1914

Number.	Date.	From or To--	Subject.
✓ 122081	4-9	Dept Commerce, Navgn	Marconi Co. station at San Luisobispo claims interference: not properly adjusted. W To---Ack.---Fwd M. Is. instructions. 4/11 B B 57 TO M. Is 5-20 m 76
143570	12-22	M. Is	Report of inspection. W.
Sur 22-23	1-12	To M. Is.	Comments on survey. W-Y
164154	8-19	Pac Coast Radio Supt	Recommendations for installation new 2 kw set. W
175795	1-9	M. Is	Reqt authority to issue orders to working party to make repairs. W.
182715	3-16	M. Is	Report on radio installation. W
184999	4-21	To M. Is.	Have recd shipment of wave changer from NY to M. Is for Point Arguello: recd estimates for installation. To M. Is. recd for shipment. 4/21 ~~To M. Is. recd for shipment of wave changer for installation~~
187147	4-29	M Is	Wave changer; estimate. W To---Authorized. 5/11

POINT ARGUELLO: 829

Number.	Date.	From or To--	Subject.
200675	9-20	Pac Coast Supt	Quarterly inspection.W To M. Is. -- Gives action to be taken. 10/5 To S&A -- Reqt shipment of ultraudion detector to M. Is. 10/5 ✓ M. Is. relative to changing assignment of receivers CORDOVA. 11-2 To M. Is. via Supt Pac Coast -- Change auth. 11/15 Date of delivery of set; reqt 847
204996	10/30	M Is	
205514	11/15	To S&A	Reqt shipt of one Kolster meter from Phila to M. Is. for. W
210676	1/5	To S&A	Reqt shipt of 2 arc radio sets from Wash To M. Is. for. W To Wash -- Gives action. 1/6
213224	1-26	Pac Coast Supt	Quarterly inspection.W To M. Is. -- Gives action on. 2/15
214939	2/7	M. Is.	& Pt. Arguella: Sperry transmitter sets received are not provided with any source of direct current power; reqt appl reqd for Edison batteries. W 847
215356	2-10	M. Is.	Submits estimate in connection with installation direction finder.W To -- Appvs ests. 2/26

FILE No.	From or To (Dated)	Subject.	
✓ 32588 2/23	M. Is 125	Reqt. authority to contract for telephone line. W Fwd Dept. Rec. auth. be granted 3/6. R.B. appd 3/11 Ret -- 3/11.	
36629 4/14	M. Is 374	Quarterly report inspection. W	
✓ 47330 8/23 8/25	Commerce & Labor Dept 7014-155	Aks if Navy Dept. will bear half expense of railroad siding. W Act Dept. in's opinion that small cost would warrant building. 8/31. R.B.O. appd. ref. Dept. with letter for signature 9/6	
✓ 47776 8/28	M. Is 623	Reports quarterly inspection. W.	
48247 8/28	M. Is 623	Quarterly report inspection. W.	
49013 9/8	M. Is.	Submits estimates for improving: etc	895
		1912	
		1913	
92538 3/1	Pac. Flt.	Radio communication in Pacific. reports communicating by Pt. Arguello.	903
102601 7-23	M. Is.	Report of inspection. W	
✓ 116554 1-23	M. Is 848	Report of inspection. W Fwd Dept rec approval of estimates for repairs and alterations. 2/3 To---estimates appd. 2/7	



Number.	Date.	From or To—	Subject.
637401	8/12	M&D	Copy of letter to S&A requestin New Orleans be directed to ship mechanical engines and hose reels to station. W.
637606	8/14	S&A	Copy of shift order cov fire apparatus from New Orln. to Point Isabel. W.
636959	7 from card 33	#898	To NO Assignment of personnel Rads cc BU Nav letter 8/22 W 8/26 To Comdt New Orlns- Quarterly inspection report for quarter ending 30 June 1922. W 8/29 To S&A Rads shipment of killing machines from Charleston to Point Isabel 9/1 R Y Rb 11/15 Y To NO- Rads inform rel cutters cc Asst Dept 9/11

POINT ISABEL RADIO STATION

1922

Number.	Date.	From or To—	Subject.
643350	9/27	New Orln.	Recommends approval of transfer of \$300 from allotment for concrete walks for painting buildings. & W. Fwds Yds & Docks 10/5 Y&D- Adv action to New Orln. 10/7 W
647216	10/25	Yarda and Docks	33A reqd to transfer Ford truck from Great Lakes to ISABEL to replace old trucks W Fwds New Orleans 11/31 St. Dist 11/2 W Fwds Yds & Docks 11/11
630910	FROM CARD 32		Y&D- Recommends towers be repainted in regular way 11/4 To Y&D- reservation of towers 11/13 W ccCommunications LI PH Guam Cavite 11/13 W Y&D 11/25 W

Number.	Date.	From or To—	Subject.
✓ 631633	6/30	New Orln.	Request special allotment to cov purchase of fire hose. WK to New Orleans- Spec allot cannot be made. 7/12 W
631820	7/7	New Orln.	Recommends total amount of electrolites on requisition 41 be purchased to make renewals in all Edison cells W.
✓ 631491	7/7	To S&A 660	Request shipment of Shaper from NO to Point Isabel F RB 3/19/23 YN To Point Isabel Ask if shipment recd 3/9/23
631634	7/12	To S&A 668	Reqs shipment of receivers from Washn to Point Isabel W RB 8/25 W.
✓ 633627	7/12	New Orln.	Request expedite return of diagram fwd'd to Washn for repairs. W. To W O- Rel shipment of decremeter 7/29

Number.	Date.	From or To—	Subject.
633820	7/19	Y&D	Copy of estimates public works 1924 recreation building. 7/29 was as & Decks 7/29
633821	7/19	Y&D	Copy of estimates. Public Works 1924. officers quarters. 7/29 was as & Decks 7/29
635773	7/28 8/1	New Orln. Y&D	Request authority to ship fire fighting apparatus to Point Isabel. W. New Orln. (T) Request action rel to ship of fire apparatus. 8/7 To Sea-Request can be cancelled cc NO 8/9 was as & Decks cc NO 8/10
636959	8/1	8th Dist. card 34	Quarterly inspection report. W. To Navign- Assignment of personnel. 8/15 Quotations from report. 8/15 To Ids & Decks- Quotes from Comdt. N. let 8/1 8/18
637322	8/11	Y&D	To Asst Sec of Port- Quotes from report. 8/18 Nayen. 8/22 W Copy of telegram to New Orln. authorizing making adaptors. 8/11 W

POINT ISABEL

1922

Number.	Date.	From or To--	Subject.
619-57	4/6 4/11	Point Isabel 8th Dist.	Request Holster Accrometer be repaired; To MO- Gives Inform 5/13
624538	5/20	Y&D	Work cov walks completed at saving under allotment. W.
573451			Fwds S&A - Drinking water for marine Detachment. W. 5/26/22 W. To MO-- Requests cc invoice cc Marine Corp 6/10 Fwds S&A via Marine Corp 6/28

POINT ISABEL

1922

Number.	Date.	From or To—	Subject.
624301	5/22	To NO	Spare arc chamber W K
628227	6/13	8th Dist	Request Bureau secure delivery of standard rain gauge W To NO weather instruments for 7/13
630910	6/26	New Orln.	Quarterly inspection report: W. To Yis & Dicks- notes from report 7/13 To NO- Quarterly insp'n report for third quarter ending 1921-22 7/15 Also recommends crude oil be actually tried 7/29 W To John Simmons Co- heavy oil- reqs comments 8/8 recommends Point Isabel be given radio telep. set. W To New Orleans- Approves assignmt 7/7 W
630909	6/29	New Orln.	
631634	6/30	New Orln.	Shipping of type 1420 F receivers to replace old type W

4-3581

1922

Number.	Date.	From or To—	Subject.
580515	FR M CARD 29		Point Isabel- Copy action to Navy Sup Depot. 3/9 W. Navy Sup Depot. 3/22- Ask if Bureau will prepare ship order cov issue of loading coils. To S&A Reqt shipment of Coils from SO Brook to O-I-C Point Isabel 3/28 Fwd S&A 3/29
615157	3/15	8th Dist.	Quarterly inspection report To 8 Dist- Give inform re shipment of batteries. 3/28 No. 1000 of 10 water system and batteries for 1000 line. 4/7 Fwd S&A Docks 4/25 13 4/27 To New Orln- Concur in decision not to use 11 salt water line 5/8 W. X&D- Copy action to New Orln. 9/20 W.
615447	3/27	To S&A 9942	Reqt shipment of Batteries from Phila to Point Isabel W

POINT ISABEL

1921

Number.	Date.	From or To—	Subject.
585921	9/17	Y&D	Man hole and trench— reports increase in contract price. W. Fwd Y&S & Docs 9/23 Y&D— Copy action to New Orln/ 9/30 W.
586074	FROM CARD 28		Y&D 9/22 Recommendations covering allotment W Fwd NO cc Y&S & Docs 10/1 Sth. Dist— Report on cost of work 11/29 W to NO. 12 of money listed at 12/27
587894	9/30	To NO	Maintenance of Edison Storage battery at W New Orln. 10/18 W.
588585	9/26 10/4	New Orln. S&A	Request auth to ship furniture listed for dormitories to Point Isabel. W. Fwd S&A 10/8 ~~No to S&A— Informal use of radiators cc Y&S 10/8~~
589085	10/8	To NO	Re manufacture of water cooling radiator for— Reqst. Inform cc Y&S & Docs W. New Orln. 10/18— Recommendations. W

1921

Number.	Date.	From or To--	Subject.
590125	10/.1	8th Dist.	Acceptance test of tenerator set W To NO- Gives instrs 10/15 To Dir comm- Gives inform Rel Gen equipment 10/20 To Insp Cinn- Gives extract from Comdt 8 Dist letter 10/11 10/22 cc Insp Baltimore- O-1-C Pt Isabel- Comdt 8 Dist 10/28 New rln. 10/27- Request copy of letter 10/26 W To NO Fwd cc 1st April 28 11/3 Insp Cinn- Report on checking of temperature rise. 11/21 W New rln- Fwds diagram of wiring for charging batteries with comments on. 11/19 W. To NO- power battery apprd 1/29
596305	11/17	Y&D	Fwds sheets to be filled out cov misc data for data book, Public Works of the Navy. W.
601629	12/22	Y&D	Copy of letter to New Orin. auth expend- itures cov preparing railroad material for snip to Point Isabel.
602325	12/25	8th Dist.	Subj. report on weather observations at Point Isabel with recommendations. W To Navin- reassignment of meteorological instruments cc 8 Dist 1/7/22 1/13 To Navin Give Instrs cc Aeronautics cc Comdt 10 1/24

POINT ISABEL

1921

Number.	Date.	From or To—	Subject.
569666	6/2 6/13	New Orln. Navigation—	Report of inspection. Y
570083	5/13	New Orln.	Recommendations in conn with awarding contracts for fuel oil for use at Point Isabel. RW.
	10/18	report on test W	To NO no action taken 9/3
	10/26	To NO— Reest. comments 12/7	New Orln. Recommends tank cards go direct to station. 9/12 W
		ex. Orln— tel. on requisition cov purchase of kerosene. KW.	
571966	6/27	Y&D	Copy of letter to New Orln stating approval credit cards will be fwded cov purchase of ties for railroad connection to Point Isabel. KW
			Y&D— returns balance from allotment. 6/27 KW
571967	6/27	Y&D	Copy of letter to New Orln stating approval credit card will be fwded cov savings from allotment. KW
			Y&D— Returns savings. KW. 6/27
572470	4/19 5/2	Pearl Harbor Mare Isl.	Radio quarterly expenditure report, 3d quarter— fwded. K
573452	6/17	Point Isabel	Radio quarterly expenditure report, 3d quarter— fwded. K
		Fwd S&A via Q. Washn cc NO 10/19	Fwd Marine Corp 7/9
		To NO— Reest. Invoice cc Q.	To NO. 7/9
		Marine Corps 4/8 RB 5/15/22 W	New Orln— Post maintenance allotment be credited with 278. 10/12 W
576656	7:22	Y&D	Estimate for Public Works 1923 project No. 3
			two sets of officers quarters.
			Fwd Y&D 7/27

POINT ISABEL

1921

Number.	Date.	From or To—	Subject.
✓ 578761	7/28	New Orln.	Quarterly inspection report. W.
<i>Transl. To S&A Reest salmt of mat from</i> <i>CARD # 51 From Pt Isabel- 8/21 8696</i> <i>To S&A Reest salmt of mat from Phila to</i> <i>Pt Isabel 8695 8/31 RB 10/24 W</i>			
✓ 582371	8/24	Y&D	<i>Short in condition of fuel tank</i> <i>Order from Phila to Pt Isabel 8/18 8532</i> <i>Phila- wave changers ordered shipt to Point</i> <i>Isabel was shipt to Chasn. 6/27-rqst instrns</i> <i>8/26 W</i> <i>Copy instrns to New Orln rel to location</i> <i>of main hole in fuel oil stg tank. W.</i>
✓ 583248	8/30	New Orln. (T)	<i>Ask date on which generator will be sh. pt. W</i> <i>Fwd nspr Cincin cc S&A- NO 9/2 RB 9/9 WS</i>
✓ 583726	8/28 9/2	New Orln. Y&D	<i>Request motor truck W.</i> <i>Fwd Yds & Docks 9/13.</i> <i>S&A-Copy shipt order cov Ford truck from</i> <i>New Orln to Point Isabel. 9/23 W.</i> <i>Y&D-Copy action to New Orln. 9/24 W.</i>
✓ 583409	9/3 Y&D 10/17	To Yds & Docks W.	<i>Water Circulating system for oil engines W</i> <i>Y&D-Rqst chemical analysis of water 9/7 W</i> <i>Fwd Yds & Docks 9/13 RB 9/21 W</i> <i>Fwd Yds & Docks 9/29</i>
584110	9/3 9/6	St. Thomas. (T) Y&D	<i>Reports balance of \$367 from painting</i> <i>last. WK</i> <i>Fwd Yds & Docks cc NY 9/14</i>

POINT ISABEL

1921

Number.	Date.	From or To—	Subject.
555942	4/6	Y&D	Fwds drawings and specifications for water supply system and carpenter shop. W.
556308	4/4	New Orleans	Request special allotment covering painting of tower. W. Fwd Y&D & Deale cc M NO 4/14 Y&D- Copy of action to New Orln. 4/16 W
556746	4/7	New Orln.	Copy of letter to Disbursing Office recommends charges covering transportation of Fairbanks Morse engine to Point Isabel be paid. W.
557893	4/7 4/12	New Orln 8th Dist,	Quarterly inspection report. W
558596	4/18	Y&D	Water supply distribution system and machine and carpenter shop- believe funds allotted sufficient. W.
Y&D- Copy action to New Orln. 6/21 WK			Y&D- 6/10 W Fwd Y&D 6-16 S&A- Copy of action to Y&D 4/21 W.
558735	FROM CARD	26	

POINT ISABEL

1921

Number.	Date.	From or To—	Subject.
559590	4/20	8th Dist.	Quarterly inspection report. W. To 8 Dist Request inform re Y&D Decks S&A 4/27 RB 5/11 wd de Decks cc 8 Dist 4/27 Y&D Copy of action to New Orln. 4/30 W.
560298	4:25	S&A	Copy of shipment order covering tanks from GULFPORT training camp to Pt Isabel station. W
562622	5/7	Y&D To Hermance Machine Co.-5/17	Letter from Ray and Egan Co. and Hermance Mach Co. resting specifications covering wood working machinery for carpenter shop at Point Isabel. To J A Ray & Egan Co 5-17
563962	5/13	New Orln. (T)	Engine at Point Isabel permanently disabled— due to cylinder cracks; reqst express shipmt of replacing generator W.
566074	5/23	New Orln. 8th Dist. To New Orln Ins 8/18	Transportation of materials to Point Isabel station. Recommends allotment be made as an inducement to install spur track by New Orleans Railroad. Fwd Y&D 6-1 Y&D Copy action to New Orln. 7/3 W
567169	6/1	Y&D	Copy of letter to New Orln. resting report as to whether what authority requisition 373 for painting towers was prepared. W. Y&D Copy action to S&A ? W
563509	from card 27		Fwd N.Orlns 6-9 RB 6/20 W To Dearborn Chem Co. reqst advice in re treating water at station Pt Isabel 6/21 to Dearborn Chem Co- 8/17 Dearborn Chemical Co.- Fwds copy correspondence 8/23 W

Number.	Date.	From or To—	Subject.
492361	FROM CARD 24		New rln. progress report. 1/28 W. To S&A- advise rel shipt of gen set 2-3
544484	1/31	New rln.	Request authority to have 25 KW generator re-located at NEW rln. W.
CARD 31			To HQ 2-7-21
545240	2/5	New rln.	New rln. recommends approve renewing of generator. 2/16 W. To HQ 2-23
547499	2/16	New rln.	Fwds progress report now install of Fairbanks Morse oil engine. W.
549399	3-5	To Pt Isabel	Comdr Hooper will visit station on March 17th W
549894	3/3	New Orla.	Subm report on test install of underground antenna. W. To HM NO Gives comment 4/1

N. Eng. 131

POINT ISABEL

Number.	Date.	From or To—	Subject.
549948	3/4	New Orln.	Subm plans and estimate for instln of suitable stg arrangement for fuel oil. W.
Y&D-Coy of action to New Orln.	4/18		Fwd Yds & Decks 4/15 To Y&D- 6-20
Y&D-Coy action to S & A 4/19 W.			Advise arrival of Comdr Hooper Brownsville etc. W
550251	3-10	To Key West Tel	
551795	3/15	Y&D	Fwds specifications coy water supply system and carpenter shop. W.
553184	3/19	Pug. Sd.	Quarterly inspection report. W.
553509	3/21	New Orln. card 28	Recommendations rel to purification of water used for cooling gas and oil engines. W.
TO CARD Bur Standards 4/25 W.			28 Bur Standards Report of test of water to Dir Bu Standards. Regst report of analysis submitted 4/15
554728	3/26	New Orln.	Proposed oil tank lay out- fwds print. W.
New Orln. 4/15 W.			Fwd Yds & Decks 4/6 RB-4:8-W
Fwd Yds & Decks 4/19			Fwd Yds & Decks cc IM NO 4/15
554848	4/2	To IM NO	Adonl set of married quarters; Regst matter-listed be investigated and further records submitted with est and sketch of changes to be made cc Yds & Decks W
New Orln-Proposed addition to old constrn office and converting same into mess-hall- fwds prints with estimate. 5/19 W			Regst shpmt of switches from Washn to SO Point Isabel 6876 W RB 5/3 W.
554854	4/5	To	to S&A Regst shpmt of Antenna wire from Boston to SO Point Isabel 6875 W
			S&A-Boston asks if shall maintain stock. 4/22xW
			Fwd S&A 5-4
			Fwd S&A 5-4
			S&A 5/7
			Fwd S&A 5/17

19 20

4-2361

N. Eng. 134

PT ISABEL

1921

Number.	Date.	From or To--	Subject.
✓ 538735 TO CARD 28 Y&D- Copy of action to SGA 1/19 W SGA- Copy of split order cov steel tank from Galveston to Point Isabel. 1/21 W 539146 1-11 fwd Y&D	1/4 To Y&D 1-17 New Orln- (2) Suggest tank at Galveston be delivered to Point Isabel. 1/15 Y&D- Copy of action to SGA 1/11 W. SGA- Copy of split order cov steel tank from Galveston to Point Isabel. 1/21 W	New Orln.	Ask proposed used of tanks recd at Mobile station from Frankfurt Arsenal. W. fwd Y&D 1-8 Y&D- Copy of action to SGA 1/11 W. SGA- Copy of split order cov steel tank from Galveston to Point Isabel. 1/21 W Truck for Point Isabel W RB 1-19 Point Isabel- 12/27- New Orln- 1/6- Request new motor truck be furnished with pneumatic tires instead of solid tires. W fwd N.Orlns 1-25
✓ 540877	1/15	Point Isabel New Orln.	Request substitution of Ward touring car for motor car made for motor cycle. W. fwd Y&D 2-19-21 Y&D 1-22 copy NO RB 2-16
541130	1/18	Y&D	Can. of letter to SGA requesting Ward truck to Point Isabel. Refraining; Sta. Jackson, Miss.
✓ 541345	1/19	Y&D	Copy of letter to SGA requesting Ward truck to Point Isabel. Refraining; Sta. Jackson, Miss.
541719	1/20	SGA	Copy of split order covering Ward truck to Point Isabel. W.
543303	1/25 New Orln 2/17 W.	New Orln.	Recommends retaining 4 cars at Point Isabel and 1 car and 1 gain by contract. W. To N.O. 2-1-21
543972	2-1	To New Orlns.	Advise why station placed out of commission for instam of uni-wave key for arc W RB 2/12/21

POINT ISABEL

Number.	Date.	From or To—	Subject.	
504287	7/6	New Orln.	Request authority to furnish stores; submit estimate. To HQ auth granted furnish 7/14	
504400	7/9 r	Y&D	Copy of letter to New Orln authorizing a drill expenditure for testing of fresh and salt water capacity of drill well.	
504541	7/6 7/10	5th Dist Y&D	*Wds list of furniture and fittings for quarters. Ask if allotment will be made. W.	
504464	7-12	To S&A	Request shipment of schlt from Chasn to Pt. Isabel L RB 9/1 L	
504775	7-13	To S&A	Request shipment of amplifier from Washington to Pt Isabel W RB 8/9 W.	
507449	6/7 7/24	New Orln. Y&D	Submit list of furniture for outfitting quarters for officer in charge at Point Isabel. W Wd Y&D 7/29	
509445 6	8/3	Y&D	*Wds copy of Public Works estimate cov project of water supply system Wd Y&D 8-11	
6449	8/6	To Ordnance	Radio telegraph- radio station Pt Isabel oil engine for. WH	706

POINT ISABEL

Number.	Date.	From or To—	Subject.
515940	9/7	SEA	Point Isabel- motor generator set - r wds copy of letter from Eck Dynamo Motor Co. rel to cancellation of. W. And NO 9/9 RB 9/23 W
516747	9/8	New Orln	Fuel oil for M7 engine- r quest be supplied, w And SEA 9/15 RB 10/14 WF. And S.A. 10-16
517472	9-13	New Orleans	Statement of yard for chipping and painting steel tower: To NO appvl of method auth expd 9/18
517474	9-13	New Orleans	Heavy duty oil engine; request be shipped broken down; W
517477	9-10	New Orleans	Request instructions and print for installing heavy duty engine and underground antenna: W To NO 9/24
516649	9/22	Jno. F. Grant Lumber	Co. Copy- Request final settlement for material furnished contractors for building erected at Point Isabel. W. To see instructions on 10/2 W.
520863	9/22	New Orln.	Quarterly inspection report. W. To Y&D rel truck 10/6 To NO 10/30 RB 1-11 And New Orln 1-13-21
523751	10-18	To IM N.Y.	120 HP Diesel engine for station Pt/ Isabel W

CINT ISABEL

Number.	Date.	From or To—	Subject.
488833	4/19 4/21	Navigation Communications	Subm list of material for recreation facilities which will be shipt to station. Navigation- Fwds copy of telegram from 8th Dist. in conn with. 4/26 W.
490260	4/29	New Orln.	Quarterly inspection report W.
487615	5/5	To SEA	Reqst shipt of engine lathe from New Orln to Cint Isabel. 2659 915.
492361	5/3	N Orleans	Submits yearly recommendations and estimates covering improvements, with prints - W
TO CARD 27	10 L O Best report of repro		New Orln- Fwds prints showing re-arrangements. 7/20 W
492064	5/8	New Orln (T)	New Orln- Report covering shipt of 10 HP air motor generating unit. 12/7 W Cylinder partially bored. To N.Orln T/ 5/8 rel status To H.O.- modify instructions 5/13
493225	5-14	To SEA	Reqst shiptmt be expedited gas engine generator set Norf to - Pt Isabel. WS
495219	5/19	New Orln.	As if Bar intends to furnish searchlights W To H.Orlns. will supply searchlight 6-9
495118	5/19	New Orln	Recommends st tions be turn with one or lighter and emergency antenna. To H.Orlns- asks if amplifiers at H.O. cannot be trans or loaned for Pt Isabel 6-8 New Orln- 6/15 W.

Number.	Date.	From or To—	Subject.	
✓ 495609	5/22	New Orln.	Request special allotment of \$1975. cov increased consumption of gasoline and spare parts for Buffalo Gas engines.	WK
	5/22	New Orln.	To New Orln. cannot authorize at present asks if funds available sufficient to cover until fiscal year 6-4	
✓ 495610	5/24	New Orln.	Recommends machine tools listed be shipped to Point Isabel.	WR.
	8/14	Point Isabel	To New Orln. appvl of assignment 5/2 Shipt order from N.O. to Pt Isabel 6-1 To Pt Isabel 10/9 RB 10/19 Y	
✓ 495795	5/22	New Orln	Copy of letter to industrial manager subm addtl yearly recommendations for Seepage wheels, field tanks and screening.	W.
497000	5/28	New Orln.	Addtl yearly recommendations, seepage wheel filter tank and screening- subm print. W	
✓ 498742	5/28	Buffalo Gasoline Motor Co.	And Y&D 7/3 copy N.O.	
	6/5	New Orln.	Y&D copy of action to New Orln. 7/9 W to Point Isabel. And SCA 6-11	W.
499146	6/9	New Orln.	Quarterly inspection report New Orln- Addtl report 8/31 W	W
✓ 502309	6/29	Y&D	Request make allotment covering determination of fresh and salt water capacity of present drill well. To Y&D- additional allotment of \$18.00 made 7/6	

1920

POINT ISABEL

Number.	Date.	From or To—	Subject.	
467155	12/31	New Orl	Quarterly inspection report. Y&D N.O. 1-7 18- No action to be taken by bu. on recommendations. Referred to D.N.C. 1-7 RB 1/9.	W.
468658	1/8	New Orlin.	Subm information rel to damage of 100 hp oil engine.	W.
470047	12/23 1/17	New Orlin Com.	Subm report of inspection mainly in conn with stable, dormitory and garage. Y&D N.O. New Orleans. 1-22 RB 3/8 New Orlin 3/5	W.
470446	1-20	To New Orleans	Report on antenna current of the 30 K.W. arc set. Point Isabel. Y&D N.O. 3/1 New Orlin- Subm report on test of 30 KW arc set. 4/13 W.	
471280	1-24	To Y&D	Reqt for small truck. W Y&D-1:29 To D.N.C. 1/31 S.A. C. of ship order covering Ford truck from Great Lakes to Point Isabel. 1/31	
477308	2/16	New Orlin	Subm report of recommendation for 100hp engine at Point Isabel Station. Y&D N.O. 2/25 To Nav via Com 2/25 New Orlin- Request special allotment for completion of repairs to oil engine. 7/15 To N.Orlins. repairs to engine. with expd 7/25	W.

1920

Number.	Date.	From or To—	Subject.	
485255	4/1	J. O'Brien	Subm report on inspection trip to New Orln Point Isabel, Galveston Port Arthur and Mobile Sta.	876
487164	4-14	To Asst Secty	Transportation facilities. Pt Isabel- Considers motorcycle could be used for same W Yad. Have requested Coast Guard to turn over motor cycle. 4/29 W	
487628	4/13	New Orln	Request special allotment \$315. cov 10 Dutillier Condensers to replace present Leyden Cars/	W.
487824	4/12	New Orln	Request allotment of \$800 in excess of maintenance allowance cov furnishing house- hold equipt for Marine Officers quarters W	
488185	4/14	New Orln	25 KW generator is partly broken and re- quires spare parts; manufacturers will turn same withing 30 days.	W.
487611	4-19	To S&A	Reqt shipmt from Boston to Pt Isabel Dup condensers 8 W New Orleans: 10-21: W 3-11-10-26 RB 11/5 W Shipmt order from Pt Isabel to Boston condensers 11-17 RB 2-23	

POINT ISABEL

Number.	Date.	From or To—	Subject.	
457232	11/11	New Or1 (T)	Larger antenna installed, working satisfy.	W
420835	FROM CAR D -20-		Y&D- Subm information rsl to estimated cost of suitable plant. 11/19 To Y&D- Request comments and estimates 11/25 Y&D 11-26 Submits estimates. To Y&D 12/1 cc NO	W
459371	11-20	New Or1	Asks if Marine Corps should be furn with drinking water, gasoline, electric light power, food for mules etc. AND Marine Corps 12/25 etc. 12/12 Fwd I.M. New Orleans. 12-13 RB 1/2	W
460352	11-25	New Or1	Quarterly inspection report. To Adv. via Com 12/1 cc to M.O. 12-10 New Or1- Post stove be expedited. 12/10 To I.M. New Orleans- 12-15 copy to Y&D & 8th Dist.	W

Number.	Date.	From or To—	Subject.
461705	12/6	New Orln. <u>632 -1</u> copy	Request machinist mate with oil engine experience be ordered to Point Isabel. ^{WT} Fwd Nav via Com 12/11 copy N.O. ^{BB} 12/19 Fwd I.M. New Orleans. 12-22, ^{BB} 1/2
462684	12-13	To Marine Corps	Defenses. Gives detail comment. ^W copy to I.M. New Orln-D.H.C. 8th Dist- Officer in charge Point Isabel. ^W To New Orleans (T) 4760 auth etc. 12-13
462684	12:9	Marine Corps	Submits list of material necessary for defects of Point Isabel station. ^W
464376	12-20	To S&A	Recd shipment 2 25K.W. generator sets from Wash to Point Isabel. ^W Subst order from Norf to P. Isabel 5/10 ^{BB} 7/19 1
465201	12/24	New Orln. C. ^W	Connecting rod and crank case on oil engine broken. ^W
466501	12/27	New Orln.	Subm report of operation on station during storm. 9/14. To- copy to 8th Dist and Communications. ^W 1-5

N. S. E. Form 134.

POINT ISABEL.

Number.	Date.	From or To—	Subject.	
445500	9-10	New OrL.	Pt. Isabel- Calls attention to necessity for additional additions to bldgs and grounds. To New Orleans- with expd of 350.00 9/19 cc to IAD To NO- increase of maintenance all expense of Pt Isabel station from 5000 to 7000 9/30	
445611	9-15	New OrL (T) New OrL- Report of storm. damage. 9:30 To NO 10/6 fwd Nav via DMO 10/7 cc to IM NO RE 10:9 To N O Machinist mate assigned to Point Isabel. 10:10	Pt. Isabel. Both antennas carried away. Bridles and antenna ship from N. O. N O 9-15 (Copy) Antenna and 600 meter antenna carried away by storm. Out of communication. N O 9-20 (T) Pt Isabel out of commission. NO Point Isabel out of commission. Tel 9:20 NO 9-25 (T) Report of inspec will be fwd 9/29 To NO (T) 9/28 Take immediate steps place six hundred meter antenna Point Isabel in temporary commission and large antenna as soon thereafter as possible period delay of fifteen days not understood period Radio Point Isabel comm. Nav. Sta. New Orleans. N O 9-17 (T) 600 meter antenna in commission. W N O 9-18 (T) Pt Isabel states large antenna will be in condition 36 hours after receipt of matrl ship from N O on the 16th.	W
445648	9/16	To Point Isabel (T) To New Orleans (T)		
446384	9/20	NO	POM report refers to Pt Isabel Sta W	821
451084	10:9	New OrL	Fwds photos of Point Isabel Station.	W

Number.	Date.	From or To—	Subject.
451203	10:10	N O	Sub report of delay in completion of repairs. W
452061	10:11 10:12	8th Dist New Ori	Quarterly inspection report. W To Com-Fwd. 10:21
452383	10/14 10/17	8th Dist Com	Quarterly inspection report. W. To Com-Fwd 10:21
453965	10:20	N O	Sub reqst for allotment cov storm damages and spares. W Fwd Secty 10/28 To N.O. with expd of 2871.00 11/7 cc N.O. RB 12/5 Fwd Y&D 12/6
453208	10/24	To S&A Phila- (T)-Batt chrg unit, ship to New Ori. 11/14 12/30. New Orleans (T)-12-31	Reqst ship from Ph to Pt Isabel batt chrg unit with gasoline tank and spares. W cc Phila (T)- Reqs trace and expedite delivery shipment order 10-24th. 12-29 copy to I.M. New Orleans. New Orleans SE 19 Fwd Y&D 10-31. copy to I.M. New Orleans. Co vering services at.
456110	11-5 Fwd 11-12	Marine Corps copy to I.M. New Ori and Director Nav. Communications. RB 12/17	Reqst elec light be installed in Marine barrack at Point Isabel. W fwd NO 11/10 RB 12/8.

POINT ISABEL:

Number.	Date.	From or To—	Subject.	
420434	5:19	Y&D	Married quarters for C O Marines, reqst approval of SE for construction. fwd Secty 5-23 RB 5:2 ✓ Y&D- allot 4000.00 5-4	W
419973	5-22	To S&A	Req ship from Washn to P Isabel, radio material for station W	
419950	5-23	To NO	Reqst Dept to auth funds to cover cost of painting bldg and chipping scaling painting towers as reqst tel reqst report be sub W fwd S. cty 5-23 RB 5:29 To N Orleans 5-31	
420835	5:1 5:22	8th Dist New Orleans	Sub quarterly inspec report for Point Isabel. To New Orleans- asks sub estimates 6-10 To New Orleans- cc to Comm- reqst fwd report covering stations being out of commission 7/7 fwd Sep 7/15	
TO GARD #22	To Y&D- has approved req re tra orders for Mr Hoyt 7/21 To New Orleans- req reply to prev corresp 7/22 New Orleans 7:28		7:16 -Y&D-Asks if funds available To NO- req new set off travel orders 8/21 To NO Tel 8/20 Reqs present air pump be replaced by combination unit. To NO- reqst sub reqn 6-4	W
✓ 421621	5:24	To Seco- NO		
425845	6:12 6:16	8th Dist Com	Quarterly inspec report.	

Number.	Date.	From or To—	Subject.
✓ 425963	6-17	To Sacy via Nav Intel 85 ✓	Bur rgsts be auth to rent an available bldg on Wallupe site for purpose of establishing temporary sta at rental of \$75. per month W
226	6/24	New Orle.	Encls copy of contr ct with J. McCoy cov- 629 giving painting work at Radio Sta. point Island. W.
✓ 433948	7;16	N O	Reqst spec allotment be made to cov antenna trans. switch. W To NO- auth expenditure of \$155.53 7/23
✓ 856 434585	7;21	N O	Reqst additional allotment be auth cov, gas, oil and distilling water. W To 1st New Orleans- sum of 471.50 authorized in excess of PTA allow 8/1 To NO should be charged against approp enpr for years 1919 and against allow for station 7/31 N O- 7;21

POINT ISABEL.

Number.	Date.	From or To—	Subject.
298061	4-1	N Orl	Point Isabel - quarterly inspection. W To Directs submit tests. E reque. 1/18 Y&D 4/22 - Recommendations. 4/19 New Orleans - RB 4/24 - 4/18 To N Orl via N Orl - 4-27 New Orleans 5:15 To N Orl - 5 proves switch for 5-EE To N Orl - Via Commandant - Allots - in re repairs Point Isabel - 6-7
34664	4/5	To 33A	To t. To t.
357091	10/8E	To Marine Corps.	Barracks for Marine Detachment at Point Isabel. Request allotment covering re- quisition. W Fwd Y&D 10-14 To Y/ & D. Oct. 14 back 18 Fwd Dept. via Operations, Chief of, 10-22 Received back 10:31 Fwd Y&D 11-4
357091			
404815	3-22	Y&D	Request additional allotment to cover erection of apparatus at Point Isabel Radio Station. W Fwd Secty 3-26 RB 4:1 To Y&D - Allotment of \$3,344.00 4-4

853

Number.	Date.	From or To--	Subject.	
✓ 409047	4:4	Y&D	Copy of letter to Dept stating contract cov marine barracks, stable and garage, at Point Isabel let to James McCoy.	W
✓ 413118	4:23	Y&D Cont 3725	For Marine barracks and garage, Point Isabel, reg allotment. NO Y&D ant. orig. signal of quarters for 1st Sgt Marine Barracks Point Isabel. 4:25	W
> 416853	5:5	New Orleans	Point Isabel Station be furnished with new 5 kw quench spark gap. W	
416988	5-10	To N. Orleans	Bureau has reqstd shipped from NY to Point Isabel one spare gap for use trans at sta. W	
417390	5-12	To S&A	R eqsy shipment from Bro k to Point Isabel Texas. radio material W R B 5/31	
417950	5:21	New Orleans	Point Isabel-Reqst special allotment to cover painting of bldg, towers, etc. W	

1917

POINT ISABEL.

Number.	Date.	From or To—	Subject.
✓ 240082 Fwd	7/23 S&A—10/11	To M. Is. T RB 10/13	When was Pt. Isabel's arc radio set shipt. W M Is (R) arc set shipped April 9th 7/24 To New OrL—Reqt status of set. 7/25 To New OrL—Reqt reply. 8/24 New Orleans 8/30 To New OrL via Comdt—Ask stations & status of arc radio set for. 9/20 New Orleans 10/8
✓ 243265	8/2	M Is	Request plan of switchboard wiring. W
248785	9/12	To Y&D	Directs take steps to provide auto truck for. W Y&D 9/18
249089	9/13	Pt Isabel (Bean) personal com.	Writes relative to trouble with equipm. W To Lt. Comdr Fawell—9/17
249628	9/15	Naval Communications	Communication with Guatamela City; fws correspondence about difficulty of get- ting into communication with Point Isabel, etc. W Fwd Nav Com—9/19
254723	10/8	New Orleans	Quarterly inspection .W Fwd Atl Com Supt—10/25
256370 To Y&D— Auth. 1/7 To New OrL— whistle. 1/9 NH-Y&D 1-11	10/19	New Orleans —Lists repairs and alterations Directs submit reqn for	Quarterly inspection report. W Fwd Atl Coast Supt. 10/21 Fwd New OrL. 10/26 New Orleans fws prints and estimates 12-8 To—Have rec appvl of plans. 12/14 Fwd Dept—12/14 RB 12-25

OVER

POINT ISABEL. 853

Number.	Date.	From or To--	Subject.
257518	10/30	To S&A	Reqt shipt of antenna transfer switch from NY to. W
267949	12/14	8th nav dis	Seaplane-request 5 kw quenched spark gap. W To S&A--Reqt shipt of spark gap from NY to Pt. Isabel. 12/31
269810	12-27	New Orleans Cupt R	Reqt Nav C. M. 12/31 Arc set in commission; test completed and satisfactory. W
256370		Over	N Orleans - submits estimates. W 1-22 To New OrL Appvs ests. 1/29 N Orleans-1/30
285980	3/1	To S&A	Reqt shipt of audion control box fr m. Wash to Pt. Isabel. W To Rad Sta Pt Isabel--Asks if rad apparatus recd 8/3
291500		Y&D	Contract for distilling plant for Point Isabel.
292914	3-26	Y&D	Point Isabel - lowest bid received for water system is \$42,500 - original estimate was \$25,000. W To--Disappvs est with comment. 3/30

POINT ISABEL

Number.	Date.	From or To—	Subject.	
224835	4/25	Y&D copy	Directs continue work on well-W	
225589	4/16 4/30	P. Is Y&D	Requests a parapet wall on power house for defense purposes. Fwd Y&D—5/8 33 5/31	
227527	4/26 5/7	Pt Isabel New Orleans	List of estimates for supplies required for 1918.W Fwd New Ori via Comdt—5/14	
228977	5/18	M.R.Hutchison, Inc.	T Quotes price for additional charging panel.W Hutchison confirms telegram; states manfrs should be impressed that this material is for government use 5/18 To—5/25 M R Hutchison quotes price for charging panel 5/26	
229935	5-23	Y&D	Artisian well; Point Isabell: reqt allot/ to covert tubing.W To--Allotts \$500.00. 5/26	
230749	5/28	Y&D	Copy of letter to Point Isabel, requesting that every effort be made furnish contractor to furnish material as soon as received.W	
231563	M in 5-25	M Is	State's 30 Kw sets for Point Isabel was shipped to New Orleans on April 9th	821
231880	?	& New Orleans	maintenance allowance and outline of work for 1918 and 1919	821

POINT ISABEL. 853

Number.	Date.	From or To--	Subject.
✓ 231975	5/12	Guatemala (W.R. Mac Donald)	Relative to efforts to establish communication with Point Isabel. W
✓ 233453	6/13	Y&D	Fwds telegram from Point Isabel stating tubing received. W
✓ 234310	6/18	Y&D	Artesian well; relative to date on which payments to contractors should begin. W
✓ 234594	6-20 0	Y&D	Artisian well; increase contract price \$450. W
✓ 237095	7/5	New Orleans T	Requires two secondary windings. W Fwd S&A 7/10
✓ 237420	4-3 6-7	New Orleans Y&D	Point Isabel, repairs. to. W Y&D has auto repairs. 7/13
✓ 237586	7/11	To Y&D	Y&D estimates for supplying distilling plant for fresh water 7/17
		To Y&D	Regt ship of trans set from NY to 7/12 W
		To Y&D	S&A quotes telegram from NY relative to Lowenstein transformers; has directed them to ship Marconi transformers 7/14
		To Y&D	To New OrL via Comit. Ask action taken. 9/21
		To Y&D	New Orleans, 10/1
		To Y&D	Fwd S&A 10/5 RB 10/1
237985	7/12	To S&A	
		Fwd S&A 11/8	

- 9 7

POINT ISABEL.

Number.	Date.	From or To--	Subject.
214241		CARD 15	Y&D submits estimates 2/26 To Y&D--Reqd Y&D make certain arrgts. 3/21
✓ 215850	2-24	Y&D	Copy of telegram to New Orleans auth digging well in excess 1000'. W
✓ 215869	To New Orl--10/30 2-23	Reqd submit form 25A. New Orleans	RB 10/15 10/3 Fwd New Orl--10/4 RB 10/29 Rearrangement storage battery units. W. To--Appvs rec. 3/13 RB 5-7 To--Regn 31 amended as listed. 6/6 New Orleans request rheostat be supplied 8/13 H.R. Hutchinson has print-rec install 250 volt dynamo. Copy of contract for artesian well. W
216134	To H.R. Hutchinson-- on rheostats furnished for Sta. 9/11	Submits re ort Y&D	
216715	2-22 3-1	Point Isabel New Orleans	Submits list of furniture desired. W. New Orleans furniture ordered under cont 27141 3-29
217007	2-21 Fwd Y&D--4/6	Point Isabel	Fwds progress reports on Artisan Well and accessories: NO auth to continue boring additional 400'. W To New Orl--ask results of boring and 2-21/4 RB 3-23 Fwd Y&D--3/26 RB 4-4
✓ 217688	3-3	Point Isabel	Asks what disposition to make of co mission paid by Western Union Co for handling messages for them. Fwd Nav Comm--3/13 RB 3-15 Fwd via New Orl & Supt--3/16

POINT ISABEL. 853

Number.	Date.	From or To—	Subject.
✓ 219129	3-22	Y&D	Copy of contract Snyder & Sampson for station buildings..W
NO 319	3/27	To New Orl	Ask infor re apparently excessive amount of alcohol reqtd, also whether space available for storing such an amount. WR
220859	3-22	Point Isabel	Radio buildings; increasing capacity tanks; contractors price considered excessive.W Rwd Y&D--4/6
221092	3-23 4-1	Point Isabel New Orleans	Furniture for; submits list with estimates.W. Rwd Y&D--4/19 R.B. 4-23 Rwd New Orl--4/21 RB 5-7 New Orleans Reqt. Action. 4/23
✓ 221804	4-9	Y&D	Changes in oil tanks, buildings, well contracts 2 letters..W
✓ 222035	3-30	Point Isabel	Artesian well; report of progress.
222148	4-7	New Orleans	Submits sketch of proposed system of routing reqns. and corres, etc..W
✓ 223481	4/6	Point Isabel	Reports on drilling artesian wells Rwd Y&D--4/20
224432	4/13 4/23	Point Isabel Y&D	Weekly report on progress..W

POINT ISABEL.

Number.	Date.	From or To—	Subject.
210834	?	Béan, Gunner WC	Point Isabel; postal card showing bird's eye view."
211166	1-3 1-9	New Orleans S&A	Wood purchased by Elecn; request reqn be made.
211349	1/13 To New Orl via aa listed. 2/7	To S&A Comdt--Appvs items	Reqd shipt of one 30 K.W. arc radio set from Pt. Isabel. WRS 1-24 To New Orl--Reqd plans and est covering install. 1/13 RB 2-3 To--Reqd shipt of one 30 K.W. arc radio set from Pt. Isabel to Pt. Isabel 1/26 To--Reqd shipt order 1/13 be cancelled. 1/26 Fwd S&A--1/26
212062	12-29	Pearl Harbor	Request annual allotment \$1200 be increased to \$3000. K To--Auth allott of \$3,000. 2/12
212626	1-26	Y&D	Artisan well; copy of contract with GC Curry.
213305	1/25 2/2	New Orleans Y&D	Plans for radio station buildings; lists changes; asss. if satisfactory to Bureau. W Fwd Y&D--2/15
213320	1/29	Dist Supt New Orleans	Relative to modifications switchboard volt meter. W To nd. Mgr. New Orl via Comdt.--Appvs change. 2/7

POINT ISABEL 653

Number.	Date.	From or To—	Subject.	
✓ 213421	2/3	To N.Is. T	Directs expedite direct Pt Isabel and New Orl description 30 K.W. arc set on contr 784. W Is description of 30 kw set mailed New Orleans; Federal Co state ship- ment power equipment has been made by GE; cannot give date when may expect delivery 2/5 (T) To GE— Directs trace shipt. 2/7	
213873	2/7	To Y&D	Rec award be made to Snyder & Sampson, for construction of new receiving building, quart r etc., at. Y&D Specns 2302. W	
✓ 213984	2-7	Y&D	Artisan wall; contract to be completed May 1. W	
✓ 213961	2-5	Point Isabel	Reqn 203; states necessary to use Vacuum Oil Company's Oil A on M&W engine at station; have purchased in advance Bu approval. W	
✓ 214241	1-31	New Orleans	Quarterly inspection; Avds with estimate for work recommended. W To--Appva reqs for Pt Isabel except constr of wood and coal shed. 2/15 To Y&D--Avds copy of quarterly report with action taken. 2/15	CARD 16
784	2/10	GE copy	Point Isabel; motor generator and switch- board, etc; reports shipment Jan 5th	629
✓ 215511	2-15 2-19	Point Isabel New Orleans	Progress of work on well. W Handed to Y&D Re 2/28	

POINT ISABEL. 853

Number.	Date.	From or To--	Subject.
✓ 206627	11-4	Carroll Elec Co	Oil engines; request settlement for. WS
206732	11-24	New Orleans	Request authority to prepare reqn for furniture and rugs, for chief operators quarters. W To--Appvs items listed. 11/29
✓ 206829	11-28	Y&D	Changes in contract. W
✓ 208123	12/7	New Orleans	Request furniture. W Fwd Y&D--Reqd be furnished. 12/14
✓ 208766	12-15	Y&D	Copy of letter to John Wannamaker for furniture. W
✓ 209233	12-20	Y&D	Fwds bids for Artisan well. W To--Rec of award. 12/22
209810	12/19	New Orleans	Material returned from Brownsville to NY; have been requested to price invoice; unable to furnish. W Fwd NY--1/17 RA 2-15 Fwd New Or via Comdt. 2/17
210098	12-30	Y&D	Contract for artisan well awarded to GC Curry. W New Orleans returns papers 3/17
210364	none	Y&D	Fwds copy of specifications for radio station buildings. W

POINT ISABEL:

1816

Number.	Date.	From or To—	Subject.
197407	8-17 8-21	Point Isabel Y&D	Fwd's bills J. McCoy for extra work radio buildings. K Ref. Y&D 8-28
197477	8-19	New Orleans	Request Bureau secure furniture for Chief Petty' officers quarters thru Y&D. W TO — instructions 8-24
197891	8-12 8-25	New Orleans Supt	Reports on inspection of; calls attention to defects. W C Dept fws letter for Secy Sig to War 9-2 RE no further action necessary 9/7 To New Ori—Lists action taken. 9/7 To Y&D—Reqt building for officer-in-charge as provided for. 9/9 fwd New Ori— 9/11 RB 9/18
198022	8-24	Point Isabel	Y&D Artesian well; print and estimate 9-21 To Y&D—Fws sketch of locations of quarters. 9/21 To Y&D—Appvs b/p. Get bids. 10/6
198065	8-15	Point Isabel	Oil engine; reports machinist of M&W Co left station; engine running on 3 cylinders only; submit list of spares. W
198125	8-11 8-24	Point Isabel New Orleans	Request instructions re handling messages for Western Union Co. Recommends independent telephone line for station. W To New Ori—Gives proposed arrangement. 8/31
198264	9-1	Y&D	Repairs to recording ammeter. W To New Orleans—Directs prepare reqn covering repairs to. 11/15
			Power house building and operators quarters; inc on account emergency work. W

POINT ISABEL. 853

Number.	Date.	From or To—	Subject.
✓ 199212	9-3	Point Isabel	Request audibility meter; also certain hours of schedule be left open for test with Guatemala. W
✓ 199249	9-13	Y & D	Allows increased cost to Midland Bridge Co for Supt and Watchman services. W
199296	9-11	T	Personal letter to Chief Gunner Bean re completion of buildings, water system, etc. W
199474	9-13	Y & D	Radio towers; foundations; allows contrs additional compensation. W
199509	9-16	Y & D	Allows additional charges in connection with transportation of steel. W
✓ 199502	9-16	To Mietz & Weiss Co.	Report report of representative who inspected oil engine installation be fwd to Bu as soon as practicable. W
200271	9-25	New Orleans T	Request parts for M&W engine; shut down until received. W To S&A—Req parts be obtained from NY and shipped to Pt Isabel. 9/26
✓ 200686	9-24 9-27	Point Isabel New Orleans	Reports break central bearing shell M&W oil engine.

POINT ISABEL.

1918

Number.	Date.	From or To—	Subject.
193813	7/17	Pt Isabel T	Reports turning work over to Chief Gunner Bean.W
193780	7-17	To Pt.Isabel. (R)	Wire when ready transmit messages: Edison expert returning Isabel to reconnect battery switchboard. W
194055	7/16	Pt Isabel	Chief Elec reports status of work.W
194184	7/21	Pt Isabel T	Station in commission: audion receiver will arrive from Brownsville July 21st.W
194490	7/23	DIXIE R	Covers delay about 5 hours, each message.W
✓ 194726	7/21 7/26	NY S&A Fwd Pt Isabel--9/7	Asks relative to return of radio apparatus to NY, from Brownsville. W Fwd Pt. Isabel--Ship to NY. 7/31 S&A rec't action 8-29
✓ 194964	7/17 7/25	Point Isabel New Orleans	Fwds diagram of proposed alternative arrangements suggested.W
✓ 194998	7/21	Point Isabel	Personal Relative to delay in going into commission.W
✓ 195381	7/29	Point Isabel	Comments on schemes for charging battery.W To New Orleans--Reqt rec as to best method of charging. 11/25

POINT ISABEL.

853

Number.	Date.	From or To—	Subject.
✓ 195760	8/7	Pt Isabel	Request Mietz & Weiss send representative for installing engine and adjusting same. W Point Isabel (R) gives reasons why Mietz & Weiss should send representative to adjust engine 8/9 to— (R) Asks if instruction book sufficient to insure satis operation. 8/8 to Mietz & Weiss Co--Reqd estimate for cost of services of expert to assist in installation. 8/8 To New Ori-- (R) Representative of Weiss Co leave NY Aug. 12 to make adjustments. 8/12 Mietz gives cost of expert 8-15 S&A expert left 8-12 8-17
✓ 196360	8-11	To Pt Isabel. (R)	Representative Mietz & Weiss will leave NY Aug. 12th to make adjustments to oil engine. W
✓ 196419	8/9	Pt Isabel	Reports on Mietz & Weiss oil engine. W
197188	8-19	S&A	Copy of telegram sent New Orleans relative to receipt of gas engine and motor from M. Is. W
197356	8/19	Pt Isabel R Copy	No serious damage to radio station. W
197355	8/12 8/21	New Orleans Naval Communications	Sickness among personnel at station; recommendations for prevention. W

POINT ISABEL:

1916

Number.	Date.	From or To—	Subject.
✓ 191862	6-27	New Orleans T	Diagram connection between engine, generator and switchboard urgently needed: NY cannot furnish.W To—(R) Have mailed diagrams: Gummer Bean ordered charge of station: 6/27
✓ 191991	6-26	New Orleans	Sends print showing location radio apparatus.W To—Appvs. 6/30
✓ 191985	6-24	New Orleans *ersonal	Sends photos showing progress, prints, etc.W
✓ 191984	6-26	Westinghouse E&M Co	Copy of letter to station forwarding instructions for erecting generators.W
192458	6-24	New Orleans	Western Union loop for.W
192543	6-26	New Orleans	To—(R) Expedite arrangement for telegraph connection: take up local representatives. 7/6 To Pt Isabel—(R) quotes above. 7/6 Pt Isabel (T) temporary connections made 7/7
192538	7-3	New Orleans	Recommend use of gasoline engine for temporary operation.W To New Ori—9-5 To S&A-9/5 To New Ori—Have recd shipment of engine from M. Is. 7/7 New Orleans estimate 9-11 To S&A—Req for shipment. 7/7 To New Ori—Appvs est. 9/16
✓ 192636	7-6	To Edison SB Co. (T)	Copy of letter to contractor to construct wooden tower and install steel tank on.W Req action be expedited services expert connection installation storage battery: New Ori reqn 17. W Edison Co expert leaves New Ori for Pt Isabel today. 7/6 Edison Co (T) expert leaves July 6 7-6 To—Ack receipt. 7/10

POINT ISABEL 853

Number.	Date.	From or To--	Subject.
✓ 193043	7-5 7-6	Point Isabel New Orleans	Recommends purchase without competition Oakland auto at reduction \$170 in price.W To New Ori-- Disappvs. 7/11
193101	6-10	Point Isabel T	Both towers completed; storage battery installation approved; having trouble starting gasoline engine.W
193116	7-10	Y&D	Extends date of completion towers and foundations
193165	6-30	New Orleans	Inspection report.W
		To Y&D--Reqt Bu prepare specfns for water supply system. 7/29	Fwd New Ori-- For comment and recd 7/21RB 7/24 To--Re heating system for operator's dormitory. 7/29 Y&D are holding letter for Civil Engineer Cunningham's personal attention 8/1 Both radio towers now completed.W Fwd H&D-- Noted 7/14
183254	7-9	Point Isabel T	
✓ 193390	7/11	Westinghouse E&M Co	Copy of letter forwarding additional wiring plans.W
193592	7/14	Pt Isabel T	Started oil engine July 13th; will adjust and charge stor battery.W

POINT ISABEL.

Number.	Date.	From or To--	Subject.
189814	5-30	Point Isabel	Engineer Officer complains insufficient military protection. W Fwd Dept-- Concurs in 6/5 * Dept Regt additional guard 6-10 wd Y&D-- 6/17
189815	5-30	Point Isabel	Recommends contractors install apparatus in power plant and erect ante nae; based on cost plus 10%. W To Y&D--Rec arrangements as recommended be made. 6/6
189818	6-5	To New OrL. (R)	Bu has arranged for shipment five K.W. Lowenstein radio transmitting set; make arrangement prompt installation.
190144	6-1 6-5	Point Isabel New Orleans	Regt definite instructions for setting up and operating engine. W Fwd Y&D--Regt arrangement be made with contr r to provide for ork. 6/9
190335	6-7	Y&D	Copy of letter to contractors covering ventilators for building. W.
191070	6-17	To-Brook.	Chief Machinist's Mate C.J. Christman, USN. has been ordered to Insp for temporary duty regarding oil engine under contract 192. W To Christman Via Nav--Fwds copy above 6/17 To New OrL--(R) Has Christman reported for duty. 7/6 New Orleans (T) Arrived July 2nd 7/7
191073	6-17	To NY. (R)	Mail Officer in charge prints and description 5 K.W. radio motor generators. W

POINT ISABEL 853

Number.	Date.	From or To—	Subject.
✓ 191266	6-17 6-20	Point Isabel T Y&D	Cannot be commissioned before Aug 1; recommends purchase of gasoline engine. W To—(T) Do not wait completion est tower; construct semi vertical antenna from west tower; gives arrangements for cooling water. 6/20 To New Ori--(R) Ditto 6/20 New Orleans (R) can be com by July 15 6-22 New Orleans completion July 15 6-21 To New Ori--(R) Instns rising of antenna. 6/22 To Pt Isabel--(R) Quotes above. 6/22
191371	6-21	To M.Is.--Guantanamo. (R) To M.Is.--Not necessary to make temporary installation. 6/24 To M.Is.--(T) Appve estimates over-haul gas engine. 7/6 M.Is will turn into store. 7/14	Asks gas engine available at yard for in- installation; submit estimates. W Point Isabel (T) copy of tel sent New Orleans stating possible to get station ready by July 15 6-21 M.Is (T) recommends using Union eng from motor boat 7500 6-23 M.Is can assemble 5 kw set by June 26 (T) 6-23 To M.Is--(R) Installation not at Pt. Isabel. 6/24
191394	6-20	Y&D	Extends time on power house quarters to Aug 1. W
191467	6-21	Y&D	Fencing of station; sketch and proposals. W Retd--Appva. 6/23
✓ 191466	6-21	Y&D	Tower for water tank; sketch and proposals. W Retd--Appva. 6/23
✓ 191477	6-22	To S&A.	Reqt shipment ultradion bulbs from Wash to Point Isabel/ W
✓ 191689	6-24	Point Isabel T	NY state plans of 5 kw in lieu of 50 kw sets sent; request correct be expedited. W Brook (T) cannot furnish wiring diagram 626 To Pt. Isabel-- prints mailed 6-26 To Inspt. CE & Bkl. - furnish data 6-26 (T) Brook Westinghouse will mail diagram 6-27 CE fnds print of connections to Pt Isa 6-28

POINT ISABEL:

Number.	Date.	From or To—	Subject.
187091	5-5	Y&D	Fwds copy of contract awarded to HC Fitch
187510	5-10	Y&D	Recommends material provided for hoisting winches be used to make storehouse for gasoline, oils, etc. W Retd—Req est for erection of storehouse for gasoline. 5/16 RB 8/4 Fwd Y&D—Appva estimates. 8/8
187703	4-7	Y&D	Copy of letter to contractor making changes in contract to provide erection and connection oil engine, screening, etc. W
188024	1-19 1-21	Brook Washn PO	Cont 192; oil engine generator; interpretation of test requirements. S
188411	5-19	Point Isabel T	Engine arrived; request setting plans, etc. W To Brook—(T) Req plans and instructions for installation. 5/20 Brook Mietz will send papers to 5-22 To—(T) Mietz will send prints. 5/25
188406	5-19	Tp New Orleans.	Storage battery installation; suggests make requisition for inspection of by Edison Co. W
188528	5-21	Cunningham, T	Piping, nipples, elbows, flanges for muffler
	To—(T) Obtain from New Or 5/23		connections to engine not received.
	To New Or 1—Furnish nipples 5/25		Brook contra not recd to supply 5-22
188581	5-12	Edison Storage Bat Co	To Brook—(T) Expedite shipment matl. 5/22 Batteries; suggested arrangement. W

POINT ISABEL, 853

Number.	Date.	From or To—	Subject.
188666	5-20	Y&D	Fwds list of contractors tools with prices; recommends purchase of .W ~~Reqt Bu arrange to purchase.~~ 5/24 Y&D fwds copy of reqn covering tools 5-27
186647	5-22	August Mietz	Fwds copy of letter to Inspector Brooklyn; fwds prints of gen set:W
188744	5-15 5-23	Point Isable Y&D	Estimate and specs for fencing station. W Fwd Y&D— 5/25
188724	5-15 5-20	Point Isabel Y&D	Fwds contractors proposal for moving office building nearer operations building. To New Orleans—ask location. 5/26 Fwd Y&D—Necessary for moving not apparent. 6/8 To New Orli—Fwds copy above corres. 6/8
188832	5-22	Point Isabel	No source of power for originally starting engine. W
Pt Isabel 189217	To Via New Orli—Quotes letter from Mietz Co. 6/8 (Personal) 6/11 5/24	New Orleans	To Brook; reqt obtain from Mietz & Weiss information as how to start engine 5/27 Brook fwds sketch hand pump 6-5 Oil engine for; relative to reservoir for starting.W To (D) shipment from NY Apr 28th in- cluded air tank for oil engine 5/31 New Orleans (T) air tank received with engine 6-7
189631	5-31	Y&D	Battery room ventilation; fwds plans W To—Reqt change contract to cover in- stallation of ventilators. 6/8
189695	5-29	New Orleans	Recom ends radio supt visit station to determine position for apparatus.W

POINT ISABEL:

1916

Number.	Date.	From or To	Subject.
183584	3-7	Point Isabel	Recommends surface well dug by contractors for his own use be accepted at price of \$2.00 W Fwd Y&D--Post change order be issued covering 4/5 To Y&D--asks provision necessary for. 4/13
183636	3/28 4/3	Pt Isabel Y&D	Water and fire wood for radio station; fwd correspondence to and from W To Y&D--New Ori directed to provide for water supply. 4/7 To New Ori--make arrangement for. 4/7
182402		CARD 7	Brook quotes letter received from August Mietz 4/5 Brook gives analysis of oil used 4-10 To Brook-- 4/14
184468	4-11	Y&D	Contract for chief operator's quarters, awarded to H.L. Fitch. W
184686	4/13	Y&D	Relative to delivery of engine. W Retd--Post copy of inclosure mentioned be fwd Bu. 4/17 RB enclosure previously omitted forwarded 4/20
185415	4-15	Point Isabel	Submits list of contractors material which it is recommended be purchased by Govty. W Fwd Y&D--Rec change be made in contract to cover. 4/28
185483	4-21	To Brook. (T)	Oil engine gen set; engine acceptable if ins action satis. Brook (T) Reports results regulation test; unsatis; can operate if wireless sets are made less sensitive 4/24 To--(T) Bu directs acceptance oil gen sets. 4/25

POINT ISABEL. 853

Number.	Date.	From or To—	Subject.	
185976	4-21	Brook	Oil engine and generator; fwds curves. W	
186196	4-27	Y&D	Radio towers; report of board on changes in contract. W. Retd-- Approv changes. 5/3 Y&D will be completed July 1 5-5	
186197	4-27p	Y&D	Fwds letter from Civil Engineer relative to water supply; disapproves recommendations for drilling well. W Retd-- Water will be obtained from Rio Grande RR for the present. 5/3	
186230	4-28	Y&D	Radio installation; equipment in power house; contractors offer to install at cost plus 15%. W Retd New OrL--For recommendation. 5/3 BB 5/13 To Y&D--Arrangement satis to Bu. 5/20 To New OrL--Fwds copy above. 5/20	
Fwd New Orleans re fuel oil 5-24 at Point Isabel until delivery of oil under 1917 contract can be made 6/1				
186229	4-28	Y&D	Towers; contractors offer to erect antennae at cost plus 15%. W Retd-- Satis to Bu. 5/3	
186690	5/2	Carroll Elec Co	Fwds copy of original bill of lading covering shipment of oil engine and engine generating set shipped by August Mätz. W	
186777	5-3	Y&D	Recommends fire arms and ammun. on be supplied. W Fwd Dept--Rec appv. 5/12	
187032	5-4	New Orleans	Ventilation of battery room. S To Y&D--Comments on Bu considers it advisable to increase ventilation. 5/15	
187069	5-6	Y&D	Reports arrival of first steel for towers. W Retd-- 5/10	

POINT ISABEL.

Number.	Date.	From or To—	Subject.
181527	3-13	TO Brook R	Request status of generator for, cont 182. Brook (R) ready for test 17th 3-13
181513	3-13	To Nav.	Reqt detail of Machinist's Mate 1st or 2d Class, qualified to operate a 100 H.P. oil engine plant to Point Isabel. W
181668	3-14	Brook	Oil engine and generator; cont 182; gives result of test of engine. W To--Auth deficiencies be waived. 3/15
181843	3-1 ₀	Point Isabel	Oil house; operator request provision be made for oil storage. W Fwd Y&D 3-21
181821	3-14	New Orleans	Submits list of mess gear, furnisutre and tools, etc. required. W To -- submit reqns 3-21
181829	3-12 3-15	War Dept Dept	Fwds copy of telegram from Brownsville directing station to be protected during Mexican trouble. W Fwd Dept via Supt Radio 3/2 0
192	3/15	To Brook	Oil engine for Point Isabel; reqt shipment be expedited
181792	3-16	To New Orleans.	Directs commissioning of set be expedited owing to present unsettled conditions on the border; allows allowance of \$1,000 for maintenance. W-K

629

POINT ISABEL: 853

Number.	Date.	From or To—	Subject.
181859	3-16	Brook	Status of work gen set and engine. Br ok reports on status 3-22
182158	3-18	Y&D	Chief operators quarters; fwds plan. W To--Appvs. 3/27
182402	3-22	New Orleans T	Brook no further info 4-14 Brook re flash pt 5-4 Brooklyn oil used from Pure Oil Co 3-27
	3-23	New Orleans copy of letter to CE3 To Brook--(7) says oil required for engine; also date shipment. 3/23 Brook Navy standard fuel oil can be used 3-24 to New Or--No oil for to New Or--Re pine for masts and Y&D	Request information re oil engine, question oil stowage, tank for, tank for engine cooling water; contract for gen set, etc. W New Orleans (H) temporary masts and guys can be pre-ared at station and shipd. 3-24 CARD 8 4/25 To--(17) Gives status on contract. 3/27 Guys. 3/25 to Brook--Re oil used for. 3/27
182362	3-17 3-22	Point Isabel Y&D	Recommend providing fire extinguishers. W Fwd S&A-- 3/27
182520	3-18p	Brownsville	Army operator request ultra audion bulbs. W To S&A--Reqt shipment of bulbs from Wash to. 3/27
182908	3-27	Brook R	Recommends rejection of gen set. W To--Reqt further data on. 3/29 Brook fwds test sheets; generator unsuitable 3-30 To--Instructions. 4/1 Brook 4/13
183586	3-25	Point Isabel	Request that reqns of material to be delivered at station cover the unpacking and installing of same. W Fwd Y&D-- 4/5
183585	3-26 4-1	Point Isabel Y&D	Renews request that screens and shades be fitted by contractor for office building. W Fwd Y&D--Reqt change order be issued covering. 4/5

POINT ISABEL:

Number.	Date.	From or To—	Subject.	
175407	1-5	Y&D	Status power house ready for installation oil engine Feb 1. Y Fwd Y&D--Comments on. 1/11 RB 1/24	
176305	1/11	U.S.S. Senate	Senate Bill 2377; for establishment of medium powered radio station Galveston; fws for comment	604
	1-26	To G ⁴ .	Reqn 40; generator panel with instruments reqt prints of. L-S	
	1-29	To GE.Co.	Generator panel with instrument; gives change in specfns; asks change in cost to cover. V-R-S	
177757	1-31	Y&D	Changes in contracts covering buildings and water systems, etc. W Fwd Bell--Rec contract be changed to cover. 2/2 Y&D copy of supplemental agreement 2-5 Y&D supplemental agreement for sewer and water system 3-13	
178580	2-8	GE	Generating panel; company holding up awaiting action on substituting double for single pole switch. L	
178664	2-8	GE Co	Quotes \$40 inc for changes in generator panel. W To--will include in contract. 2/11 To Wash via S&A--Rec be included in contract. 2/12	
178766	2-9	Brook	Oil engine and generator; reqt interpretation of test records; request action. WS	
179616	2-18	New Orleans	Have submitted requisition for kitchen utensils; reqt Y&D order furniture under annual contract W Fwd S&A--2/24 New Orleans recommends local purchase 3-1	

853 POINT ISABEL:

Number.	Date.	From or To	Subject.
180112	2-28	To N.I.s. VCID	
180268	2-28	To Y&D.	Chief operator's quarters; funds now available for construction of; rect award be made under original contract. W Y&D estimate for quarters excessive; recom be advertised 3-16 To -- A. PWS. 3/21
180801	3-4	GE	General or panel with instruments; fwdslaph. W Fwd New Ori--3/16
180780	3-2	New Orleans	Submits comment on contract; does not give size of generator, no switchboard, etc. W To--Gives status of. 3/6
180811	2-28 3-4	Point Isabel Y&D	Relative to installation of oil engine. W Fwd Y&D--Recommendation re transportation of oil engine. 3/16 RB 4/3 Fwd Y&D--Rec change in order to provide for installation oil engine. 4/5
180799	3-6	To S&A.	Rect shipment receivers from Wash to Point Isabel. W To S&A--Rect shipment wire and insulators from NY to Point Isabel. 3/6
192	3/6	Brook T	Oil engine for Point Isabel; satisfactorily tested Feb. 29th
161233	3-10	To S&A.	Rect shipment of all apparatus delivered under contract 577 from NY to Pt. Isabel. W To NY--Rect description of apparatus be Fwd to Point Isabel. 3/14 To S&A--Rect shipment be expedited. 3/14 Rect shipment apparatus from Brownsville to Point Isabel. W Point Isabel will hold appat Brownsville until permanent station is ready 3-18 Fwd S&A--2/3
NY reports fwdng b/p to Me Or 3-22 S&A insulator wire 3-27 RB 4/13 161234 3-10 To S&A.			

629

POINT ISABEL:

Number.	Date.	From or To -	Subject.
✓ 170376	11-5	To Carroll Elec Co.	Information re direction of rotation of oil engine; obtain from contr. W
✓ 170915	11-10	Carroll Elec Co	Oil engine gap set; fws plans. W To--Ack receipt of 11/12
170827	11-10	To S&A.	Reqt shipment of insulators from NY to Point Isabel. W NY asks if storage battery shall be shipped Pt Isabel 11/16 Fwd S&A--11/22
171033	11-12	To Y&D.	Drawings for use in connection with station; foundations and exhaust piping; fws. W
✓ 171981	11/15	Carroll Elec Co	Quotes price on switchboard panel and fws print. W To--Ack receipt of. 11/26
172142	11-25	Y&D	Sewer and water systems. W To--Gives system proposed. 11/26 Y&D fws prints 12/10 To appd 12/14
✓ 172254	11-16 11-24	Point Isabel S&A	Relative to routing shipments. W Fwd S&A--Noted. 11/27
172434	11-26	Y&D	Foundations for oil engine and power house; plan. W To--Appys. 11/29 Y&D fws plan 12-2
172646	11-30	Y&D	Fws plans, contract, etc. for towers; reqt arr'ts be made for erection. W Fwd Pitts--Directs inspection. 12/3 To Pitts--[X] Wire status of. 4/15

POINT ISABLE. 853

Number.	Date.	From or To--	Subject.
173332	12-7	NY	Edison storage battery: fwas report on condition of by expert from Company.W To 12/14
✓ 174158	12-17	Carroll Elec Co. To S&A--	Reqt inspector be instructed as to proper specs under which engine is to be inspected.WS Fwd S&A-- 12/23 RB 1/3 To 12/23 To P&P 5d--Reqt copies of specs. 2/6 ?
174170	12/13 12/17	Point Isabel Y&D	States building will probably be ready for machinery about Feb. 1st; recommends no machinery be shipped until building is ready.W Fwd Y&D-- 12/24
174346	12/20	Y&D	Fwd report of Board on Chnages in contract 2173, radio buildings.W Fwd Dept--Rec apvl. 12/21
174626	12/18 12/23	Dent S&A	Fwd bill for material used in connection with alterations. Brownsville.W Fwd S&A-- 12/27. RB 1/10 Fwd radio-- 1/11 RB 1/14 Fwd S&A-- 1/17
✓ 174681	12/22	Carroll Elec Co	Submits list of engine parts for oil engine gen sets W To--Letter of 21st not rec'd; reqt copy 12/28 Co. fws copy 12-30 To--Do not desire purchase spare parts. 1/6 Reqt copy of contracts and other data on proposed installation.W To--Instructions on completion of station. 1/7 To Nav--Reqt travel orders for Radio Gunner W.C.Bean. 1/7 To New Orli--2/10
174759	12/21	New Orleans To NY-Y&D--	Reqt certain information be furnished station. 1/7 To Wash--Reqt contract be furshd. 1/7
✓ 174864	12/24 12/27	August Mietz Brook	Oil engine; states have no facilities for making combined test generator and engine.W&S
192	12/24	To S&A	Apparatus for station; reqt arrangements be made with contr so that material will not be delivered before buildings are completed 629

1915

POINT ISABEL:

Number.	Date.	From or To—	Subject.
161068	7-20	To Chief Signal Officer Brownsville.	State recent tests show that the 5 K.W. radio transmitting apparatus will not be necessary for transmitting work between Brownsville and ships in Mexican waters; but change in masts, antenna, etc. necessary. W RB-5-26 To Dept--Have directed that 5 K.W. radio transmitting sets be not installed. W To--Further. 7/22 Dept--approves 7/23 En. letter of 7/20 to Chf. Sig. Off. Brownsville RB 8/16 Army list of material stored 8-11
161259	7-16	Lt Blankship T	Material arrived and brought to army post.
161263	7-20	War Dept	Copy of telegram ~~from~~ to Ft Sam Houston permitting increase aerial. W
161632	7/25	E. J. Blankenship T	Leaving for M Ia; services no longer required. W
161656	7-27	Y&D.	Foundation for columns and bases; fwd prints of. W Y&D revised details of foundations; fwd plan 8-11 To--Approve plans. 7/28
162112	7-30	To Y&D.	Spreaders for antennas; recd certain additions and modifications in contract for the towers. W Y&D re design towers; plan 8-11 To Y&D approved 8-12
162593	8/4	NY B	Storage batteries for Brownsville passed inspection Aug 4th, variable condensers due Aug. 23rd. W
162610	8-5	To War Dept.	Brownsville radio station; expresses its appreciation of the excellent cooperation of Dept in connection with the re-building of station. W

POINT ISABEL. 853

Number.	Date.	From or To—	Subject.	
163020	8/2	J. W. Scanlin	Remarks on station, Brownsville	821
✓ 164613	8-30	Y&D	Fwds proposals for building. W Wd Dept-- Concurs in 8/31 Solicitor cont to J McCoy 9-2 Fwd Y&D--9/7	
166274	9/20	War Dept.	Variable condenser ordered shipped for Brownsville not yet recd. W To Will ship without delay. 9/30 To S&A--Recd for shipment from Wash. 9/30	
✓ 168424	10-6 10-13	St Louis Brownville, Mexican Ry Y&D	Re inability to make thru shipments/ Fwd Y&D via S&A 10-18	
169482	10-26	Y&D	fws copy of contract with J. McCoy for building. W	
✓ 169730	10-26-5	Carroll Elec Co	Fwds print of Mietz oil engine direct coupled to Westinghouse generator. W To--Ack receipt of 10/29	
169866	10-28	To Y&D.	Dimensions of oil engine foundations; fws	
Co fws	plan 11/6	To CO--Ack recpt 11/9	print of. W To Y&D-- Fws print. 11/9	
		To Carroll Elec Co--Fws print	Y&D returns print for certain info to	
		for certain info. 11/4	be marked thereon 10-1	
169939	10-29	NY	Brownsville; request that winches, etc be returned to NY. W	
			To War Dept--Have recd shipment of. 11/15	
			To S&A--Recd for shipment. 11/15	
✓ 170076	11-2	To Carroll Elec Co.	Recd quotations for switchboard for use with 100 K.W. generating set. W	

POINT ISABEL:

Number.	Date.	From or To—	Subject.
✓ 157368	6-11	To NY.	Apparatus for temporary radio station at Brownsville, Texas: lists certain apparatus to be prepared for shipment to W
		To Phila--Ship mast rope. 6/22	To--List additional material for. 6/17
		NY speed of engine, recom inc in antennae wire 6-16	To Phila--Re material to be shipped. 6/17
		S&A--reports shipment of radio material to Brownsville via JASON 6/21	To S&A--Reqt for shipment of material to Brownsville. 6/17 (3)
158228	6-16	NY	Brownsville radio: reqt instructions re base for generator, top of antennae, etc. W
			To--(R) instructions. 6/18
			To--ditto. 6/18
			NY belting and pulley ready for shipment to Phila June 25/ 6-23
✓ 158299	6-18	NY R	Brownsville: gives dates when material will be ready for shipment. W
157800	6-10	War Dept	Copy of telegram to Commanding General Southern Dept re Navy using Brownsville radio station. W
✓ 158535	6-18 6-21	War Dept Dept	Grants permis on for temporary use of Army Radio Station at Brownsville. W To War Dept--Socsig Expenditures by War Dept will be transferred to Navy. 6/23
✓ 158830	6-24	To Chief Signal Officer, U.S. Army.	Improvement of radio equipment at Brownsville, Texas: gives data on. W
158989	6/26	To Nav	Reqt orders Chief Elec J.W. Scanlin from New Orleans to duty in connection with Brownsville Radio Station
157250	6-29	Y&D	Edis print showing buildings. W To--returns apvd: reqt Operator's quarters and operating house be delayed owing to shortage of funds. 7/3

532

POINT ISABEL. 853

Number.	Date.	From or To—	Subject.
159930	7-8	Y&D	Fwds copy of contract with Midland Bridge Co for towers.W
159891	7-8	To Signal Corps. To Nav Operations 8/13 To S&A—directs shipment 8/13 reqts	Notifies of further shipment of radio apparatus to Brownsville. W To S&A-- Recd for shipment. 7/8 To NY--(R) Asks when material will be ready for shipment: 8/2 NY--(R) will be shipped 5th. 8/4 War Dept reports non recpt storage bat 8-10
160327	7-12	Point Isabel T	Recd test argrt be made for Brownsville.W To Brownsville--7/12 Test arranged gunboats now in Mexico. 7/12 To SACRAMENTO--Gives schedule of tests. 7/12
160436	7-12	War Dept	Quotes message from Brownsville requesting test be arranged for with ships in Mexican waters.W
160456	7-10	New London S&E Co	Fwds proposition for engine set.W To--Ack receipt of. 7/15
160723	7-11	WHEELING R	Results test with & MACHAIS. W
160773	7-15	WHEELING	Reports on test.W
160958	7-17	WHEELING	5 reports on test. W
161009	7-17	MACHAIS	ditto
160986	7-19	To Lieut Blakenship (T)	Results show 5 K.W. Lowenstein set now necessary but merely to change masts and antenna; recd recommendation. W Blakenship-Replied (T) 7/19 To--(T) Rec not install set apvd; proceed erection new masts and antenna. 7/20

POINT ISABEL,

1914

Number.	Date.	From or To--	Subject.
135817	10-1	S.S.Dobbs. (T)	Req data for foundation work. W Fwd Y&D-- Req name be placed on list to receive proposals when advertised. 10/2 To-- (T) site not yet secure; work de- layed. 10/2
140739	11-24 11-28	NY S&A	Material now at Brownsville in hands of Southern Pacific RR: no Govn rep to accept delivery. W Fwd S&A-- Rec material be sent to Chas. 11/30 Fwd S&A-- Satisfactory to have material retained at NY. 1/2
142233	12-19	To J.H.Garner, M.O	Ask receipt of letter in regard to site of radio station at Point Isabel. W
143171	12-23 12-28	Dept Justice Dept 12479-692	Site for radio station: fws reports on examination of title, etc. W Fwd S&A-- Comments. 12/30
143229	12-28	To J.N.Garner, MC	Understands Dept Justice has appvd title papers for; expect matter to be settled in short time.
143593	1-4	To Y&D	Reqt advertisement for towers; believes advisable to erect only two towers. W
145353	1-23	To NY.	Care of Edison storage battery purchased for radio station; reqt examination and report on. W
151273	4-2	To Y&D.	Towers; returns appvd five tracings of. W

853 POINT ISABEL:

Number.	Date.	From or To—	Subject.
152467	4-16	To Y&D.	Y&D tracing #64136: location plan of 300-ft steel towers; returns aplyd. W
✓ 153318	4-26	Marconi Co.	Reqt authority to bid on apparatus. W To--Already purchased. 5/7
✓ 156404	6-1	Y&D 2156	Fwds bids for tower foundations. W Fwd Dept--Concurs in rec. 6/5 Solicitor placed with Midland Bridge Co 6-7
✓ 156529	5-14 6-1	At Flt. Cruiser Squadron Supt Radio	Radio communication with ships in Mexican waters: gives range of vessels and reqt pt is bel be furnished with temporary set if permanent installation is no delayed. W Fwd Dept Via Rad Ser--Comments on 6/4 To Dept Via C&R--TENNESSE is supplied with modern radio equipment. 6/28 RB 7/3 Reqt information as to cost and best type of engine to be installed in 30-K.W. radio set the motor generator to be driven by a 75 horsepower oil engine. W
156983	6-7	Fwd Dept-- 7/3 RB 7/15 To Ports--Apch inc heights masts on ships. 7/15 To Firms.	
157156	6-8	Y&D	Contract awarded to Midland Bridge Co. W
157172	6-9	To NY & Phila. (R)	Have you generator for delivering 125 volts, shaft of to be long enough to accomodate pulley in order to be belt driven. W Phila (R) Not available. 6/9 NY-(R) Have available. 6/11
✓ 157323	6-10	Memo to Operations.	Following unofficial discussion between Bu and Signal Corps on subject Brownsville Radio station it is suggested previous corres on subject be fwd War Dept. W
157051	6-8	TO Supt Radio	To remove 50 Kw from Arlington and install at

891

1913

Number.	Date.	From or To—	Subject.	
91861		Supt. Radio	Recommends small station in TEXAS.	899
103553	8/13	Hepburn, Lt. Comdr	Site at Point Isabel reqt auth. to Expend \$50.	899
105397	9/2	Hepburn-Carlson Board	Submits report on proposed site at Point Isabel, Texas.	899
113123	12/19	Laguna Vista Club	Mailed proposal for sites 5 miles from Point Isabella on the 17th	899
113265	12/12	do	Have decided to donate proposed site.	899
113266	12/2	do	Can furnish 25 acres at satis. price	899
1914				
114987	1/14	To J.L. Wells	Lt. Comdr Hepburn will meet in Brownsville Monday re Texas sites.	899
115015	1/14	From	Only half owner, etc	899
116087	1/27	Lt. Comdr Hepburn	re Purchase of site at Point Isabel, Tex. fwds Dept.	899
118078	2/19	Fed. Tel. Co. T	Reqd. information re. acts desired for Boston, Guantanamo and Pt. Isabel	876

POINT ISABEL. 853

Number.	Date.	From or To—	Subject.	
✓ 120101	3-13	Grant, J.F.	Reqt opportunity to submit quotations on lumber, etc. W Fwd Y&D 3-17	
✓ 124248	5-6	At Communication Co.	Asks if station is to be erected W To--question now pending as to suitable site. 5/7.	
✓ 125341	5-20	TO Y&D	Proposed stations at: power and radio installation; gives what is contemplated. W	
✓ 126934	6-9	To Dept.	and San Diego - complains of delay in acquiring titles to sites. W	
✓ 127166	6/11	Elec. Storage Bat. Co.	Relative to batteries bid on for station. rec. 325 W To--6/12	
No #	7/2	To S&A via Dept.	Bu. recn. 325; bids for 600 volt, 300 ampere hour storage battery for; recommendations W-3	
✓ 129792	7-13	At Com Co.	At New Orleans, San Diego: reqt opportunity to bid on high powered stations. W TO -- replies 7-15	
131480	8-3	Edison Stor. Bat. Co.	Battery control board - fwds. prints	882-1
✓ 133809	9-4	Edison Storage Bat Co	Battery and switchboard installation; asks what method of assembling of cells was de- cided upon. S To--Prefer the assembly upon the floor. 9/10	

JOINT LOMA changed to SANDIEGO.

1912

[illegible]

POINT LOMA

1 ✓

FILE No.		From or To— (Dated)	Subject	
36834	4/13	M. Is	Quarterly report inspection. W.	
35882	5/24	To M. Is.	Regat reqn. be fwd for masts. W	818
✓ No 7	6/7	To Dept	& M. Island: Regn. C95. Regt auth. to have bids for erection of lasts ref. red. to Commandant. M. Is. for rec. as to award. W	
45873	7/29	M. Is.	& M. Is.: report status of cont. for new mast	818
46730	7/21 7/28	Point Loma M. Is 661	Regt. tent for Chief operator and wife. W Ret M. Is. issue of a tent not appd. C. 95. W C. 95 appd	
47775	8/28	M. Is 624	Quarterly inspection. W	
48179	9/7	TO M. Is	Necessary to delay action on mast; suggest arr. no guides under aerial. W Tel M. I. location masts approved - change guys 9/8	
✓ 48192	9/8	M. Is T	Practicable to swing southern guide 28° Northern 45°. W Tel. M. I. proceed 9/9	
49013	9/8	M. Is.	Submits estimates for improving: etc	895
✓ 49194	8/25	M. Is	Fyda print and recommendations re location of masts. W. Ret--rect duplicate prints showing new climits of station. 9/30. B.L 3-28	



Number.	Date.	From or To--	Subject.	
38075	12/27	Pacific Coast	Wireless stations and radio stations vessels controlled by and in the recommendations re, to Bureau of Commerce	5
37831	1:25	None	Copy of letter to Coast Guard re make further investigation.	

TUCKERTON.

DUPLICATES.

Number.	Date.	From or To—	Subject.
294282	4-1	Communications	Inspection report - recommends recommendations contained therein be carried out. W
294630	3-30	Phila	Forwards inspection report. W
292782	3/30	Fwd Phila	A dd'l loading coils for. Reqt supply to station in accord with plans attached. W To Philadelphia 3:20 received back 5:23
292783	3/30	Fwd Phila	Loading coils for. Fwds specs covering. W
294904	3-30	Tuckerton	Weekly report. W
294888	4/2	Tuckerton	Proposed riveted ground system-fwds prints. W To Phila--Reqt submit est. 4/9 3 5/29 Phila 5/7.
292371	4/2	Fwd Y&D	Quarters for marine detachment, Tuckerton. Disappvs rec. and gives action. Wppvs est. as outlined. WRB 4-8 Fwd Dept--4/11 RB 4-22 TO Y&D-- in re above--4-26

4-1301

[OVER.]

TUCKERTON.

Number.	Date.	From or To--	Subject.	
✓ 278543	2/2	Gregory Elec. Co T	Motor shipped to Tuckerton by express 2/1 - W Phila 2/1 - W The Gregory Elec Co - 1/31 - W	
278592	1/26	Tuckerton	Weekly report.W	
278963	2/1	Phila	Copy of telephone conversation re to expense of working party on installation work at Tuckerton.W	
279290	1-31	Tuckerton	Report on inspection.W	
✓ 279367	2/2	Gregory Elec Co	Motor for Tuckerton shipped Feb.1st.	
280202	2/2	Tuckerton	Reports on temporary installation of 100 KW arc convertor, etc - W	
280385	1/28 2/5	Tuckerton Phila	Requisition 431 for a motor for use in connection with operating in parallel.	
259166	2-1	Tuckerton	Phila submits estimate and plans for lighting grounds of Tuckerton Sta with searchlights 2-1	708

TUCKERTON. 891

Number.	Date.	From or To—	Subject.
281401	2/9	Tuckerton	Weekly report - W
284053	2/16	Tuckerton	Weekly report.W
284412	2-25	Y&D	Necessary to drill artesian well deeper - gives estimated cost. W To—Makes allott. 2/27 Y&D—3/2
284463	2/21	Tuckerton	Reports completion of installation of any 1-kw arc converters.W
285061	2-23	Tuckerton	Weekly report. W
285312	2-26	Phila.	Asks if Bu Bagn 4341 covers separate arc equipment from that on contract 32668. W
285352	2-27	GE Co	Forwards specifications, prints, and quotations for equipment for melting sleet on antenna. W
285416	2/28	QCR	Letter 202-1163 received from QCR about 875 11-2

TUCKERTON.

Number.	Date.	From or To—	Subject.
265602	12-7	Y&D	Have allotted \$2500 to cover cost of installation of wall-W
265801	12/7	Federal Telegraph Co	States radio equipment for was shipped on December 4th.W To Phila—Fwds copy of above letter.12/10 To Phila—Reqt information re progress of install of arc converter. 1/5
265857	12/11	To Phila	Repairs to arc chamber at. Ask if can be repaired at Phila, after installation of new arc converter. W Phila 12-18 To Phila—12/21
265851	12/13	To Phila	Report on exchange of words between Tuckerton and European Station. Reqt information in connection with. W Tuckerton 12-13
267392	12/14	Federal Telegraph Co	Instrns book for 100 kw arc converter being fwded to Tuckerton-fwds copy.W
268709	12/13	Federal Co	Arc converter ans signalling system under contract 32568-fwds prints.W
269982	12/26 12/27	Tuckerton 4th nav dis	Goldschmidt alternator control panel-fwds reqt and recommendations for alterations to.W To Dist Com Supt Phila via Phila—Grants auth for making changes.1/5
270939	12/27	Tuckerton	Request authority to return screws to Wallace Barnes Co shipped in error in 1913. To—Grants auth.1/4

TUCKERTON. 891

Number.	Date.	From or To—	Subject.
✓ 270872	1/3	To S&A	Reqt shipt of radio head telephones from wash to. W
✓ 271155	1/4	To Nathan Klein Co T	Reqt quotation delivery Tuckerton of 100 H.P. motor with slide rails and rheostat for field. W Nathan Klein & Co 1-7 Gregory Elec Co 1-8 Nathan Klein Co quotes prices 1-4 and 1-5
271344	1-4	Gregory Elec Co T	Quotes price for 100 HP GE motors. W
✓ 273920	1-9	Phila	Installation of 100 kw arc set at Tuckerton; reports status of plans now in preparation. W Phila W - T-22 Phila Directs expedite installation. 1/17
274179	1/17	To Tuckerton	Ask if there is an automatic Kleinschmidt transmitter with regulator at station. W Tuckerton request Kleinschmidt transmitter 1-18
✓ 274308	1/19	To Phila	Outlines work and directs accomplish as soon as possible. W Phila 1-25 Rwd Phila - 2 1/6 Philadelphia - 6/6
278162	1-30	Phila	Confirms telephone conversation relative to Requisition 451. W

TUCKERTON.

Number.	Date.	From or To—	Subject.
✓ 251257	9/17	Tuckerton	Submits list of civilian employees, ratings and pay and suggests adjustment of wages to taken up with Wage Board, Phila Id. Wk Fwd Dept—9/28 RB 12-11 Fwd Nav Com—12/13
251622	9/28	To S&A	Reqt shipt of wave meter from Wash to Phila for W
✓ 254303	10/10	Tuckerton	Request storage cells and separators. W To—Directs submit reqn for. 10/22
254300	10/10	Tuckerton	Request litz wire. W Fwd S&A—10/16
✓ 254301	10/10	Tuckerton	Fwds copies of correspondence with Matthews Bros. relative to sinking of fresh water walls. W Fwd Y&D—10/16 RB 11/23 Y&D—11/61W Fwd Dept—11/27 RB 12-5 Fwd Y&D—12/6 Y&D replies to tracer 1-30
✓ 254302	10/10	Tuckerton	Fwds copy of letter from officer in charge, stating present water supply unfit for use in boiler; recommends evaporating system be installed. W Fwd Y&D—10/16
256338	10/20	Tuckerton	Fwds tax notice for 1917. W Fwd Sol—10/29 RB 11/5 Fwd Phila 11-6 RB 12-1
✓ 256877	10/17 10/18	Nikola Testa Co Tuckerton	Reqt information as to status of their claim against former owners for infringement. W Fwd Nav Com—10/29

TUCKERTON. 891

Number.	Date.	From or To—	Subject.
258304	10/23 11/1	Phila Communications	Relative to furnishing water supply.W
259048	11/6	Tuckerton	Fwds corrected drawing of the arc system.W
260937	11/15	To Tuckerton	Fresh water supply for. Ask what is being done in connection with. W Tuckerton 11/17 Phila 11/22
261519	11/15	Tuckerton	Request 2 spare carbon electrode holders.W
261275	11/19	To S&A	Reqt shipt of carbon holder for radio set from Wash to. W To Tuckerton 11/19
261763	11/20	To S&A	Reqt shipt of carbon electrode holder from Wash to Tuckerton. W To S&A Reqt shipt of radio arc set from Wash to Tuckerton. 11/21
262811	11-24	To Phila	100 KW Arc converter for TUCKERTON STATION. Directs make arcrts for install of. 855
263669	11/27	Federal Telegraph Co	States 100 kw arc converter and signalling key ready for shipment Tuckerton.W Federal Telegraph Co-reports shipping arc converter. 12/6

1917

TUCKERTON

Number.	Date.	From or To—	Subject.
232667	6/1 6/5	Tuckerton Phila	Reports difficulty in securing duplicate receipts from owners of property as not knowing who owners are. W
232296	6/1 6/6	NY S&A	"aquisition 4-1/2 Tuckerton, for telephone service 1918. W Fwd S&A—6/9
232523	5/8	Phila	Gives amt required to operate station. W
233181	5/31	Tuckerton	Recommends building additional cesspool. W Fwd Y&D—6/14 RB 6/20 Fwd Y&D—6/22 RB 9-12 To Y&D—Makes allot. 9/17
234620	6/16	Tuckerton	Fwds bills against subst. tion at Portland. Me. W Fwd Tuckerton—6/22
234736	6/19	Tuckerton	Fwds inventory of station property. W
237505	7/7	Tuckerton	Closing of station necessary unless coal is received within 3 weeks. W To—7/12 Fwd S&A—7/15 RB 7/16 Tuckerton station coal received; no danger of shortage 7/13 Fwd S&A—7/19 RB 7/23

TUCKERTON/ 891

Number.	Date.	From or To--	Subject.	
238859	7/15	Tuckerton	Gives number of words handled Sept 9, 1914 to April 15, 1917. W	
241427	7/31	Tuckerton copy	Request information relative to allowing digging of mosquito trenches. W To--No objections. 8/2 Tuckerton 9/10	
241657	8-1	Fwd Tuckerton Via Phila.	Bureau will pay no bills contracted Radio station Portland, Me.	733-5
242444	7/27	Tuckerton	Fwd description of radio set. W	
234511	8/13	To Phila	Ask power available at Tuckerton. Propose to install 60" anti-aircraft searchlights.	708
244643	8/17	Marine Corps	Marine Detachment; request additional quarters and boat for, at Tuckerton. W	
	To--Will not be furnished at this time. 10/30			
	Marine Corps request action 10/31			
749	To--11/5			
	8/29	To S&A	Reqd ship of 12" incand searchlight from NY to Tuckerton.	629
247718	?	Communications Supt. Phila	Reports on inspection of station. W	
250913	9/22	Marine Corps	Report on inspection of Marine Detachment at W Fwd Phila--9/28 Marine Corps request action 10/16 Fwd Marine Corps--10/19	

TUCKERTON.

Number.	Date.	From or To—	Subject.
220084	3-15	Tuckerton	3 stage audion amplifier; request be sent Wash for repairs. To--Ask necessity for an add'l ultraudion. 3/20 Tuckerton amplifier not absolutely essential. 3/31 To S&A--Re: shift of ultraudion detector from Wash to Tuckerton. 4/4
220546	3-25	Tuckerton	Poulsen set at station is property of Fed Tel Co; Homag Co. pay royalty; recommends Navy purchase or lease in event war. W Re: Dept--4/4 NB 4-12
221541	4-9	Tuckerton T	Request regn 15 and other be filled earliest possible date. R To--Under cog of Phila. for supplies, etc. 4/10
221996	4-7	Tuckerton T	Request Cohen or Navy standard receiver. W
221988	4-7	Tuckerton T	Request Master rigger be ordered to inspect tower and rigging. To Dept--Re: Phila be auth to send. 4/10
221471	4/11	To S&A	Re: shift of long range receiving set from Wash to T. To--Ditto. 4/19
222115	4/11	Phil N. Com	Instrns re maintenance of Station under cognizance of Phila. Instrns in connection with have been issued. W

TUCKERTON.891

Number.	Date.	From or To—	Subject.
✓ 222115	4-7	Tuckerton	Status of Homag; personnel; part removed by Dept. Justice; re. instructions re maintenance charges 4-7
✓ 223859	4/9 4/16	Tuckerton Phila	Requests search light for protection station W To Phila--Auth purchase of.4/26
224446	4/19	Tuckerton	~~Fnds requisition for pay of civilian employees and requests that approval of same be expedited. K&W~~ ~~and 5/1/24~~ ~~and 4/24~~ S&A fnds copy of requisition 5/1 R
Tuck 27-30	4/21	To Phila	Fnds acct of regn. mtr. to acct of material to be returned. R
33	5/9	To Tuckerton	Tuckerton station; placed under Phila. Regn. apvd. W
✓ 227929	5/3	Federal Telegraph Co.	Request distribution Navy Dept wishes to make of their arc set W
✓ 229105	5-17	Tuckerton	Have discontinued weekly report of operation.W
229100	5-16	Tuckerton	Fnds inventory W To Phila--Rec'd duplicate signed receipts from owners of property.5/23

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Number.	Date.	From or To—	Subject.
191729	6-22	TUCKERTON	Report week ending June 11
192154	6-28	Tuckerton	d.tto June 18.W
192651	7/3	Tuckerton	Weekly report.W
193180	7-7	Tuckerton	Weekly report June 25.W
193668	7/7	Tuckerton	Weekly report, week ending July 2nd.W Ditto for July 9th. Ditto for July 24 Ditto for Aug. 1. Ditto for Aug. 9

891 TUCKERTON:

Number.	Date.	From or To--	Subject.
199836	9-20	To Tuckerton.	Bu has no objection of Dr. F.S. Wheeler of Crocker-Wheeler to making a visit to station. W
201425	10/7	To Tuckerton	Reqn #7 Oct 2, 1916, ultra-amion bulbs. Disappvd. 10/7. WR
209298	12-9 12-18	Kennedy, C Dept	Clima Homag Co. should be reimbursed from earnings of the station for royalties used due on apparatus used. W Add Oct 11/8
212864	1/29	Crocker, Wheeler Co	Request permission for representative to visit Tuckerton station in connection with examination high ~~freq~~ frequency generator 882-3
213460	2-3	Tuckerton	Have requested aliens to remain away from station; reports on present arrangements. W
Bu 125	2/27	Fwd S&A	Expert radio aid at, at \$6.00. Rec accept of W.A. Graham's proposal. R
36	3/19	Fwd S&A	Re Portable house for TUCKERTON STATION. R
219008	3-20	Tuckerton	Reports number of paid words sent during Feby. W
219222	3/21	Marine Corps	Request suitable store room be provided for use of Marine Detachment; fws correspondence. W Fwd S&A--4/24 3 3 4-20

1918

TUCKERTON:

Number.	Date.	From or To—	Subject.
182781	3-24	Tuckerton	Weekly report. W
182790	3-24	Tuckerton	Weekly report. W
183788	3/28	Tuckerton	Weekly report. W
185411	4-21	To Dept.	& Sayville: Engine ring personnel: if Dept takes over stations it will be necessary to appoint civilians to assist censor in material matters: Bureau will make prelim arrangement to take over stations if Dept wishes. W Dept makes prelim attgt to take over including appointing expert aides 4-22 Fwd Dept Via Nav. -- get authority for appointment of radio aids for. 4/25
186156	4-27	Tuckerton	Coil for arc; Government property; should be paid for by Navy Dept Fwd S&A-- 5/9
186869	4-30	Tuckerton	Weekly report. W
187574	4-30	Tuckerton	Weekly report. W
188170	5-15	Tuckerton	Weekly report. W

TUCKERTON: 891

Number.	Date.	From or To—	Subject.
188421	5-17	Tuckerton	Request permission to purchase audion bulbs and other material from Navy Dept. W Retd via S&A 5/29
✓ 189494	5-23	Tuckerton	Marine Detachment expenses for supplying quarters, etc to be charged to SE. W
190090	5-24	Tuckerton	Weekly report
190054	6-6	To Phila.	To Marine Corps--Reqn for portable house made October 2nd. 11/6 Y&D fwds reqn for portable house 8-21 Regt recommendations covering quartering of Marine Detachment stationed at. W BLHS 7-18 To Y&D--Regt provide house for 9/17 To--Regt recommendations for above. 7/17 RB 7/25 To Y&D--Regt Bu provide for construction of housing for Marine. 7/26 Fwd Mar Corps--Asks if proposed quarters are satis. 8/9 RB 8/14 Fwd Mar Corps--8/9 RB 8/14 Fwd Tuckerton--8/16 RB 8/19 To Y&D--Reqn should be advised. 8/16 Fwd was print of proposed portable house 8/2
190179	6-6	Tuckerton	Weekly report. W
190300	6-8	Tuckerton	Weekly report Apr 30. W
190560	6-9	Tuckerton	Weekly report May 7
190677	6-10	Tuckerton	Weekly report May 14
✓ 191024	6-16	Tuckerton	ditto May 21
191096	6/17	Tuckerton	Weekly report week ending May 28th. W
191426	6-18	Tuckerton	Week June 4. W

MERCHANT SHIPS & STA.

Number.	Date.	From or To--	Subject.
170422	11-4	Tuckerton	Weekly report.W
170691	11-8	Tuckerton	Reqt. decision re cutting down number of routine repairs.W
170972	10-13 11-10	Tuckerton Supt Radio	Weekly report: daily efficiency reports; reqt size and amount of information called for be reduced.W Fwd Tuck--Appvs reo; gives information desired 11/13
171217	11-12	Tuckerton	Weekly report.W
171873	11/17	Tuckerton	Weekly report.W
172618	11-30	Tuckerton	Weekly report.W
173213	12-5	Tuckerton	Weekly report.W
174067	12-15	Tuckerton	Weekly report.W
174265	12/16	Tuckerton	Weekly report.W
175078	12-29	Tuckerton	Reqt arrgt be made for securing audion bulbs and other material for operating plant whenever needed.W Fwd S&A via Rad Ser--Comments on. 1/5 RB 5/3 Fwd S&A--Arrangement satis. 5/5

Tuckerton

C91 MERCHANT SHIPS & STATIONS:

Number.	Date.	From or To--	Subject.
✓ 175254	1-3	To Dept Via Rad Ser.	Transfer of Navy's radio apparatus from Tuckerton to Arlington; rect auth to transfer 100-K.W. radio motor-generator set. W Dept auth 1-8
175780	1-8	Tuckerton	Weekly report.W.
✓ 176318	1-15	To S&A.	Rect shipment radio apparatus from Tuckerton to Washington for installation at Arlington.V
Tuckerton (T) roads impassable 2-1			Tuckerton will ship Jan 31 1-24
176969	1-15	Tuckerton	Tuckerton condition of roads bad 1-26 Weekly report.W
178408	1-31	Tuckerton	States motor generator shipped Arlington was accompanied by spare bearing not furnished with original installation.W Fwd Wash-- 2/9 RB 2/16
179934	2-23	Tuckerton	Weekly report, W
180355	2-26	Tuckerton	Weekly report. W
180531	2-29	Tuckerton	Weekly report. W
180971	3-4	Tuckerton	ditto
181277	3-8	Tuckerton	Weekly report
181912	3-16	Tuckerton	Weekly report

MERCHANT SHIPS & STATIONS.

1915

Number.	Date.	From or To--	Subject.
163265	8-10	Tuckerton	Weekly report.W
163817	8/16	Tuckerton	Weekly report.W Fwd Radio 8/20
163825	8/16 8/19	Tuckerton Supt Radio	Homag Co reqt that Navy Yard transmitter be retained until after Sept. 15th; Supt recommends against.W Fwd Radio--to be removed Sept 1st 8/20
163978	8-18	Tuckerton	Req permission to move portable house in connection with antennae experiments.W To Supt appvd 8-23
163893	8/20	To Tuckerton	Asks status and condition of the Navy's hot wire ammeter and whether there is an additional one available for use in event of removal.W Tuckerton's navy hot wire ammeter; belongs to Homag Co 8-24
164298	8-24	Homag Co (Per Kennedy)	Urgent retention of Navy Dept arc set until Sept 20. W Fwd Dept recommending removal 8-26 Dept disap reqt Homag Co 8-27
164436	8-24	Tuckerton	Weekly report.W
164933	8-31	Tuckerton	Weekly report. W
165311	9-6	Tuckerton	Weekly report.W
165405	9-7	Tuckerton	*wds bill for hauling.W Fwd S&A-- 9/10

Tuckerton

891 MERCHANT SHIPS AND STATIONS:

Number.	Date.	From or To—	Subject.	
165876	9-15	To S&A Via Rad Ser.	Tuckerton recons 11-12 for supplies; asks what items should be supplied. W-R Fwd S&A-- 9/21	RE 9/21
✓ 166289	9/18	Tuckerton	Weekly report. W	
166363	9/18 9/21	Tuckerton Supt. Radio	Rel to securing of a new location for the horizontal antennae for receiving signals. W Fwd Rad Ser--Comments on. 9/22	
166547	9/22	Tuckerton	Weekly report. W	
166855	9/25	Tuckerton	Reports receipt of new arc. W	
✓ 167405	10-2	Tuckerton	Weekly report. W	
167805	10-8	Tuckerton	Weekly report	
✓ 168021	10-9	Supt Radio	& SAYVILLE; recommends purchase of portable house for sleeping quarters during winter. W To--Comments on. 10/13	
168326	10-13	Tuckerton	Weekly report. W	
168639	7/26/14	Hooper, Lt. S. E.	Reports on generating plant at Tuckerton	882-3
169212	10/20	Tuckerton	Weekly report. W	
169728	10-28	Tuckerton	Audion bulbs; reqd 12; reqt be expedited. W	
169705	10-27	Tuckerton	Weekly report. W	

MERCHANT SHIPS & STATIONS.

1915

Number.	Date.	From or To—	Subject.
158007	6-7	Tuckerton	Reports changes in sending schedule.W
158117	6-15	Tuckerton	Weekly report
158357	6-17	Tuckerton	Weekly report.W
158660	6/21	Sayville	Gives constants of umbrella antenna.W
158664	6/22	Sayville	Reports on progress of work.W
158748	6-21	Tuckerton	Weekly report. W
158874	6-24	Tuckerton	Elvase will be ready to resume sending in few days.W
159139	6-26	Tuckerton	Revised schedule Elvase.W
159362	6-29	Tuckerton	Weekly report
159361	6-30	Tuckerton	Report's change in sending schedule.W
159458	6-30	Sayville	Reports on progress of work. W Fed Rad Ser-- 7/2 RB 7-12

Tuckerton
MERCHANT SHIPS & STATIONS. 891

Number.	Date.	From or To--	Subject.	
159823	7-6	Tuckerton	Reqt copper radiating plates be expedited. Fwd S2A-- Expedite 7/9 RB 7/19 Fwd Tuck-- 7/20 RB 7/24	W
160232	7-9	Tuckerton	Weekly report.	W
160703	7-14	Tuckerton	Weekly report	
160911	7-16	Tuckerton	High frequency machine out of com.	W
161099	7-20	Tuckerton	Weekly report.	W
161412	7-20	Tuckerton	Horizontal antennae does not improve receiving from Eilvase.	W
161939	7/27	Tuckerton	Weekly report.	W
161782	7-28	To Phila.	Radio station placed under Yd for maintenance supply and upkeep. W To Tuckerton-- Station placed under control of Phila Yd. 7/28 Fwd Tuckerton-- asks if bill is chargeable to Station. 3/25	
162474	8/3	Tuckerton	Weekly report.	W
162775	8/4	Tuckerton	Reqt loan of 2 40-ft field sets masts for experimental purposes. W To Tuckerton-- furnish masts within time specified. 8/9	
162726	8-6	To Rad Ser.	Reqt Dr. L. W. Austin be permitted to visit the SAYVILLE and TUCKERTON radio stations.	W

Tuckerton

MERCHANT SHIPS & STATIONS

Number	Date	From or To—	Subject
153907	4-27	Tuckerton	Reqt authority to buy 100# ice daily. W To--Submit reqn for: 6/8
153914	4-30	Tuckerton	New schedule with Ellvose.W
153915	4-30	Tuckerton	Reports nothing received from Ellvose during past week. W
154268	5-5	Tuckerton	Weekly report.W
154458	5-8	To SAA.	Reqt shipment from Wash to Tuckerton of 1 tone wheel; 1 rheostat, 4 coils. W
154800	5-11	Tuckerton	Weekly report.W
154791	5-12	To SAA.	Reqt shipment of 2 Baldwin head telephones from Wash to Tuckerton. W
155023	5-12	Tuckerton	Reqt for misc supplies: 4 letters.W To--Make reqts on rcn instead of letters. 5/19 to SAA-- Reqt supplies be furnished. 5/19
155441	5/16	Tuckerton	Weekly reports operations.W
155891	5-24	Tuckerton	Reports Ellvose not sending.W
156017	5-25	Tuckerton	Weekly report. W

Tuckerton

MERCHANT: SHIPS & STATIONS. 891

Number.	Date.	From or To	Subject.
156099	5-24	~~Wash-~~ Tuckerton	Reports Eilvase not sending. W
156152	5-28	Crenshaw	Honolulu test schedule. W To H. Is--(R) Gives schedule of test-5/28
156316	5-29	~~Tuckerton~~	Eilvase will not send for one month. W
156537	6-1	Tuckerton	Weekly report.
156592	6-3	To Supt Radio Service.	Sayville Radio Station; reqt be furnished with monthly reports of progress of the construction and experimental work at. W
157145	6-7	Tuckerton	Change in sending schedule. W
✓ 157051	6-8	To Supt Radio Service. To--Asks when remainder of apparatus will be available for transfer. 11/20	Removal of Navy's 60-K.W. arc transmitter from Tuckerton; will be necessary to re-move 30-K.W. set now in use at Arlington to install at Point Isabel; set at Tuck will be transferred to Arlington. W Supt Recd 60 kw for Isabel, etc 6-12
157256	6-8	Tuckerton	Weekly report
✓ 157822	6-9	At Com Co.	Hauen; gives wave length used at different times. W

Tuckerton
MERCHANT SHIPS & STATIONS.

Number.	Date.	From or To—	Subject.
✓ 151659	4-2 4-5	Dept State Supt Radio	Re-arrgt for test radio station in Guatemala. W To NY-- Fwds correspondence in connection with test. 4/7 To Dept-- Fwds copy above. 4/7 NY 4/20; returns correspondence.
151751	4-6	Re Tuckerton	Reqt wire door mats. W To S&A-- Reqt be furnished 4/13
151935	4/6	Tuckerton	Weekly report. W
152077	4/10	Tuckerton	Reqt audion bulbs. W To S&A-- Reqt shipment from NY. 4/13
152270	4-13	Tuckerton	Reqt transmitting key, etc. W
152446	4-14	Tuckerton	Weekly report. W
152509	4-11	Tuckerton	Reqt stationary, etc. W Fwd S&A-- Reqt be furnish 4/19
152757	4/17	Tuckerton	Reqt radio phones. W
152830	4-20	Passs Supt Radio	High frequency sets; recommends Homag machine be repaired in this country and navy arc set be withdrawn from station. W Fwd Tuckerton-- Take up with Hom ag Co re repairs to machines 4/22
152831	4-19	Tuckerton	Reqt asbestos board. W To-- Reqt needs of station be anticipated and correct calling for 1 or 2 items be eliminated 4/20
152851	4-19	Tuckerton	Reqt asbestos blocks, bakelite, packing. W
✓ 152946	4/20	Tuckerton	Reqt letter paper. W

Tuckerton

MERCHANT SHIPS AND STATIONS.

891

Number.	Date.	From or To--	Subject.
152931	4/21	Tuckerton	Weekly report.W
153241	4-23	Tuckerton	Rwds. bill for hauling poles.W Swd 3&A-- 4/29
153255	4-23	Tuckerton	Removal of arc set will cripple efficiency of station 50%. W
153106	4-24	To Y&D.	Lighting protection for new radio towers: rect work of providing above be not undertaken until after July 1 owing to the depleted condition of appropriation. W
152859	4-24		Reqt shipment certain supplies to Tuckerton.W
153498	4-27	Tuckerton	Reqt audion bulbs.W To S&A--Reqt be furnished from NY. 4/30
153500	4-27	Tuckerton	Reqt Wireless Spec transmitting gear and head phone.W To--Have reqt'd shipment of from NY. 5/24 To S&A-- Reqt for shipment. 5/24
153781	4-29	Smith, H.J.	Reqt payment for bill for photo amounting \$64.94.W To--State will be made. 5/3
153736	4-30	To NY. (R)	Inform Hill & Clark orders issued for them proceed Sayville and witness and report operation high frequency generator. W
153891	4-27	Tuckerton	Asks disposition to be made of worn out audion bulbs. W To--Invites attention to 141818-898. 5/5

Tuckerton
MERCHANT SHIPS & STATIONS.

1915

Number.	Date.	From or To.	Subject.
✓148983	3-1	Fed Tel Co	Tuckerton-Honolulu tests: reqt copy of report on from Dec 9 to completion. W To--Will fwd when prepared. 3/25
149326	3-8	Tuckerton	Weekly report. W
149422	3-10	Tuckerton	Reqt electrolyte. W To S&A-- Reqt be furnished 3/15
149462	3-11	Tuckerton	Reports shipment of 60 kw generator to Boston. W
149845	3-15	Tuckerton	Fwds bills for hauling gen sets. W Fwd S&A-- Fwds appvd. 3/20
149958	3-16	Tuckerton	Reqt Audion bulbs and Tungsten lamps. W To S&A-- Reqt be furnished 3/18
149998	3-17	Tuckerton	S&A 4/17--corres re shipment of Audion bulbs and lamps. W Fwd NY--4/26 RB 5/7 Fwd NY-5/12 To--Have reqt'd shipment from NY. 4/25 Weekly report
149999	3-17	Tuckerton	Re t supply of cleaning gear. W Fwd S&A-- Reqt be supplied 3/19
✓150014	3-16	Dept Commerce	Try City Laboratory: reqt recommendation re grant license. W To--Comments on 3/24
150067	3-15	Tuckerton	Fwds description of radio installation: reqt Bureau make smooth copies for station and Mr. Meyer. W To-- 3/26

Tuckerton

MERCHANT SHIPS. 891

Number.	Date.	From or To—	Subject.
✓ 150436	3-17	Fed Tel Co.	Tuckerton: ara set: proposed modifications.W
✓ 150655	3-19	Cl rk, G.H.	Marconi High power station at Bolinas, Cal.: description of.W.
✓ 150652	3-19	Clark, G.H.	Federal Co. South City station: report on inspection.W
150878 VOID	3-27	Weaver, J.H. Co.	Adv copy of letter to S&A relative to reverse comments on their coal by MAINE
✓ 150909	3-23	Fed Tel Co.	"Continuous Wave in Long Distance Telegraphy" Adv copy of proposed article which embodies results Tuckerton-A lington Honolulu. W
150876	3-25	Tuckerton	Reports on signals. W
150933	3-29	Tuckerton	Reqt Edison storage battery.W To S&A--Reqt be supplied from NY. 3/30
151121	3-30	Tuckerton	Reqt fire extinguisher and supply of consumables.W To - Reqt fire extinguisher be furnished. 4/2
151506	4-3	Tuckerton	Reqt dry batteries.W To S&A-- Reqt be furnished from Ny. 4/12

Tuckerton

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MERCHANT SHIPS & STA.

Number.	Date.	From or To—	Subject.	
✓ 146875	2-10	Hepburn T	Sayville: make arrgt for test with Tesla coil. W	576-1
146894	2-10	Tuckerton	Reports injry to boiler. W To--Noted. 2/16 RD 2-11	
146895	2-9	Tuckerton	Reqt alcohol W To SIA-- Reqt 100 gals be furnished. 2/11	
✓ 146972	2-11	Austin, Dr. L.W.	Synopsis of reports on trans-Atlantic work with Eilvase. W.	
1 6981	2-12	Tuckerton	Eilvase: resumed operations. W	
147066	2-12	To Tuckerton.	Reqt weekly reports number of messages sent and number of repeats the work of arc and of the machine be separated. W	
147213	2-12	Washn	Repts on test with Sayville. W	
147380	2/15	Tuckerton	Weekly report. W	
✓ 147480	2-16	Fuller, L.F. T	Reqt authority to publish data relative to Tuckerton and Honolulu tests. W To--(T) No objection to. 2/17	
147620	2-17	Tuckerton	Eilvase out of sending commission. W	
147727	2-19	Tuckerton T	Eilvase in sending commission W	

Tuckerton

891 MERCHANT SHIPS & STA.

Number.	Date.	From or To—	Subject.
147716	2-19	To S&A.	Reet shipment of ultradion bulbs from Wash to Tuckerton. W
148127	2-23	Tuckerton	Reports on relative work between arc and high frequency machines. W To-- States itemized "reports" for arc and machine be not submitted. 2/27
148128	2-22	Tuckerton	Weekly report. W
148244	2-24	Tuckerton	Carbons for 60 kw arc set: reet. W Fwd S&A-- Reet be supplied by Wash. rd. 2/27
148210	2-17 2-24	Tuckerton Supt Radio	Reet authority to install steel structure on tower in lieu of wooden mast: will not interfere with sending messages. W To Tuck-- Satis to Bu. 3/1
148433	2-23	Fed Tel Co	Fwds copy of a message from Tuckerton copies at Honolulu. W To-- Ack receipt of. 3/2
148551	2-27	Tuckerton T	Arc set out of commission for installation 100 kw generator. W
148712	3-4	Tuckerton	Weekly report. W
148927	3-4	Tuckerton	Reet office supplies. W Fwd S&A-- Reet articles be furnished. 3/6
148966	3-6	Tuckerton T	New 100 kw generator installed 3-3: will ship old generator Mon 10: W

1915

MERCHANT SHIPS AND STATIONS.

Number.	Date.	From or To—	Subject.
144911	1-19	To Tuckerton.	Fwds GE Co print of 100 k.w. motor-generator which will be shipped to to replace present 60 k.w. generator. W
145017	1-19	To M. Is. (R)	In future reports on Tuck schedules distinguish by name between operation or arc and high frequency generator; further observations on commercial schedules desirable. W
145169	1-20	Tuckerton	Fwds inventory. W
145194	1-21	Supt Radio 8080	Recommends permission be granted to place high frequency alternator of the Homag Co out of commission for 5 or 6 days. W To--Rec permission be granted. 1/23
145408	1-25	Tuckerton T	Nauen will send on 94 NW length starting Jan 26. W
145489	1-25	Tuckerton T	High frequency machine out of commission; require 8 days repairs after receipt of Bakelite. W.
145515	1-25	M. Is T	Recd information as to time arc is used; cannot distinguish between arc and generator audibility. W Fwd Tuck-- For above. 1/27 1022 Fwd M. Is-- 2/10 1029--(R) Gives data on 2/2
145670	1-26	Tuckerton	Recd supply of kerosene. W. To S&A--Recd be furnish. 1/28
145671	1-26	Tuckerton 634	Electrode for 60 kw arc set; repairs required. W Fwd NY via S&A--Repairs auth. 1/28
145672	1-26	Tuckerton	Weekly report. W

Tuckerton

CAIMITO--RADIO-MERCHANT SHIPS & STATIONS. 891

Number.	Date.	From or To--	Subject.
145794	1-29	GE T	Generator ready for shipment; asks if motor starter shall be shipped Tuckerton or Arlington. To--(T) Ship to Arlington. 1/29
145963	1-29	Tuckerton	Reqt 16 ebony asbestos blocks. Fwd S&A-- Reqt be manuf at NY for. 2/3
✓ 146085	1-30 2-1	Ducker Co Washn PO	Portable buildings for: reqt letter authorizing furnishing of their standard construction. Fwd NPO Wash-- Satis to Bu. 2/3
146126	2-2	Tuckerton T	Eliverse will not send but can receive. W
146165	2-1	Tuckerton	Weekly report. W
✓ 146267	2-3	Tuckerton	Reqt supply of chemicals for boiler water testing outfit. W. Tuckerton reqt be cancelled. 2-8 Fwd S&A-- Reqt be furnished. 2/8 To--Reqt cancelled. 2/18
146764	2-9	Tuckerton	Eliverse will resume sending Wednesday. W
146801	2-8	Tuckerton	Weekly report. W
146802	2-8	Tuckerton	Reports loan from Western Union Tel Co. of a 26 typewriter: reqt large size carbon paper. W To NY--Reqt amount of radio material on hand. 2/11
146803	2-8	Tuckerton	Fwd S&A-- Reqt carbon paper be furnish. 2/16 Reqt battery cells and audion bulbs. W Fwd S&A-- Reqt supplies be furnished. 2/11

Tuckerton
MERCHANT SHIPS & STATIONS.

1915

Number.	Date.	From or To--	Subject.
143449	12-31	Tuckerton	Reports on trouble with antennae Dec 30; Elivese has resumed schedule. W
143421	12-23 12-30	Kennedy, C. Supt Radio	Proposal of owners of Tuckerton for returning alternator to Germany for repairs; question of cost to be handled in final settlement. W Fwd Dept--Appls. are if Dept could secure safe delivery and return of. 1/5
143492	12-21	Tuckerton	4 audion bulbs received; reqt shipment remainings be expedited. Fwd SA--Reqd be supplied. 1/7
143527	1-2	To Tuckerton.	Report of receiving conditions; reqt for Bu Standards; also number of messages rec'd and set Elivese since taken over by Government. W Tuckerton gives number 1-5
143524	1-2	Tuckerton	Elivese schedule. W
143625	1-2	Tuckerton	ditto
143303	12-2	Supt Radio	Marconi radio station Astoria, Oregon is within prohibited distance North Head. recommends be allowed to remain. W Retd-- Comments. 1/6
143733	1-4	Tuckerton	Weekly report. W
143793	1-5	Tuckerton 50	Reqd 50 220 volt carbon lamps. W. Fwd SA-- Req be supplied. 1/7
143890	1-7	Tuckerton	Reqd boiler compound. M to-- Have reqd shipment of. 1/8 To SA-- Req shipment. 1/8

Tuckerton

MERCHANT SHIPS & STATIONS 891

Number.	Date.	From or To—	Subject.
143942	1-5	Tuckerton	Reqt underwood revolving duplicator. W Fwd Radio Ser-- For recommendation. 1/9 To-- Have recd shipment of supplies. 1/21 To S&A-- Reqt for shipment. 1/21 Reports on Tuckerton. W
143899	12-31	M. Is	
144048	1-7	Tuckerton	Reqt. paint. W To S&A-- Reqt be furnished. 1/9
144011	1-8	Tuckerton	Fwd form of transmitting log sheet and reqt Bureau have same printed. W. Tuckerton 2/16-- reqt action.
143959	1-8	To S&A	Reqt Tuckerton be furnished with nuts and taps from Phila Id. W
144167	1-8	Tuckerton	States Federal san francisco signals are so strong as to interfere with Ellvase test. W
144273	1-4	M. Is	States commercial schedule between Tuckerton and San Diego, and Tuckerton and San Francisco, entirely practicable. W Fwd Radio Ser-- 1/14 bills
144361	1-5	Fed Tel Co	Detailed report on test Couth City honolulu. W
144442	1-12	Tuckerton	Weekly report. W
144538	1-13	Tuckerton	Reqt stationary. W Fwd S&A-- Reqt supplies be furnished. 1/15
144761	1-16	Tuckerton	Ellvase schedule; reports on. W
144948	1-18	Tuckerton	Weekly report. W

Tuckerton

MERCHANT SHIPS & STATIONS.

Number.	Date.	From or To -	Subject.
143016	12-24	Tuckerton	Honolulu test: daily report.W
142998	12-23	Tuckerton	Daily report.W.
143085	12-24	Tuckerton	Elivese: schedule. W
143090	12-21	M. Is	Fwd a copy of Tuckerton message copied.W.
143093	12-19	M. Is	Tuckerton-Honolulu tests: reports stations results W
143105	12-19	M. Is	Fwd a copy of message received from Tuckerton via San Diego. W.
143106	12-19	M. Is	Tuckerton-Honolulu tests: fwa reports.W
143187	12-27	Tuckerton	Magnet spools: explain request for.W To--Instructions. 12/31
143222	12-22	Tuckerton	Fwd a print for G.H.Clark.W
143291	12-28	Tuckerton	Daily report.W
143330	12-30	Tuckerton T	Elivese: have not transmitted since Dec 25 Y

Tuckerton

891 MERCHANT SHIPS & STATIONS:

Number.	Date.	From or To—	Subject.
143256	12-29	To M.Is. (T)	Tuckerton-Honolulu tests discontinued until further notice: inform Federal Co. W To Tuckerton--Discontinue tests. 12/29 To Colon--(R) Discontinue test. 12/29
143366	12-29	Tuckerton	Honolulu; daily report. W
143367	12-29	Tuckerton	Reportswater at station poor for boiler purposes; calls attention to corrosion arc W Cwd Rad Ser--For recommendations. 1/2. 0112 To-- 1/2
143368	12-29	Tuckerton	Reqt copper tube for arc set. W. Cwd SEA-- Reqt material be supplied 1/2 Fed Co (R) gives understanding 1-19
143339	12-30	Fed Tel Co	Reports on Honolulu-South City tests; reqt action on drawing 30 kv sets be expedited. W. To--(R) Sketch mailed today: prefer manu- switch for Westinghouse satis. 1/14 own type wave change switch: wire reduction in bid for omission that item. 1/4 To--(R) Will rec acceptance with omissions. 1/8
143380	12-23	M.Is.	Reports on resuls. W.
143385	12-29	Tuckerton	Weekly report. W
143334	12-30	To Fed Tel Co.	Comments on performances of arc and high frequency generator of Tuckerton-Honolulu tests. W To Tuckerton--Gives performance of tests with Ellivese. 12/30 To--Gives memo re tests reld to above. 1/6 To Tuckerton-- ditto. 1/6
143389	12-30	To M.Is. (R)	Desire Point Loma take audibility on machine and arc at Tuck during commercial transmission to Ellivese; also Arlington. W

Tuckerton

MERCHANT SHIPS & STATIONS.

Number.	Date.	From or To—	Subject.
142297	12-15	Tuckerton	Honolulu daylight tests. W
✓ 142321	12-17	Fed Tel Co.	Reports on Honolulu tests. W
142363	12-16	Tuckerton	Honolulu: daily report. W
142314	12-17	To Colon. (R)	Gives change in Honolulu-Tuckerton signals. W
✓ 142388	12-15	Tuckerton	Fws photos made by C.H. Clark for use in his report. To--(R) receipt of. 12/19
142441	12-17	Tuckerton	Honolulu: daily test. W
✓ 142517	12-19	Tuckerton (Hepburn) (T)	Will listen South City 2:00 AM to-night. W To Fed Tel Co--(T) Gives schedule. 12/19
142521	12-20	Tuckerton	Quotes request from Fed Co. at San Francisco requesting official business be conducted between stations. W To--(R) Now considering. 12/22 To Fed Tel Co--(T) Ditto. 12/22
✓ 142524	12-17	Tuckerton	Fws photo from Clark. W
142595	12-21	Tuckerton T	No test with Ellipse Sunday probably nor Monday. W

Tuckerton.

MERCHANT SHIPS & STATIONS. 891

Number.	Date.	From or To—	Subject.
142603	12-18	Tuckerton	Honolulu: daily report.W
142666	12-19	Tuckerton	Honolulu: ditto
142726	12-22	Tuckerton T	Reqt permission to cancel all tests for Dec 25 and 26, 31st ant Jan 1. W To-- Cancells: 12/22 To Fed Co--(T) Notices of cancellation. 12/22
142761	12-21	Tuckerton	Weekly report.W
142754	12-21	Tuckerton	Fwdg list showing shipment of relays and 30 kw ara set to Washn.W
142782	12-23	Fed Tel	Repts on result of Honolulu-South City test.W
142879	12-22	Tuckerton	Daily report.W
142902	12-21	Tuckerton	Daily report.W
142914	12-24	Tuckerton T	Reqt magnet spools for 60 kw set. W. To--(T) Now under manuf at Phila. 12/26 To Phila--Expedite manuf. 12/26
142912	12-24	Tuckerton T	Proposed new Ellipse schedules. W
142956	12-24	Tuckerton T	Reports power to be used Honolulu Dec 24. W
142909	12-24	To Tuckerton.	Have reqt shipment to Wash of relay key which is to be remodeled. W To S&A-- Reqt shipment. 12/23

Tuckerton

MERCHANT SHIPS & STATIONS.

Number.	Date.	From or To—	Subject.
141901	12-12	Tuckerton T	Honolulu test; will not carry out to-day; gives suggestions for Monday. W To Fed Tel Co--Gives schedule 12/14 To M. Is-- Gives schedule 12/14
141892	12-11	Tuckerton T	Gives Ellverse and Lanan schedules for Dec 12. W
141917	12-12	Tuckerton T	Ellverse: see- schedule commences 4:PM Monday instead of 2 PM. To--(T) Carry out as suggested. 12/14
141898	12-11	To Tuckerton. T	Desire run Honolulu schedule at 10,000 meters on arc; begin when ready. W
141947	12-11	Tuckerton	Recd rubber stamp. W. Fwd SEA-- Recd samp be furnished 12/19
141949	12-11	Tuckerton	Honolulu; daily report. W.
142094	12-12	RTuckerton	Recd authority to modify coupling for commercial receiving. W. To--Authorizes. 12/17
142095	12-12	Tuckerton	Recommends 60 kw motor generator be left at station until replace of 120 kw set intended for Arlington. W.
141913	12-12	To Tuckerton,	Tests with Ellverse; recd certain data be fwd with daily report. W

Tuckerton

MERCHANT SHIPS & STATIONS. 891

Number.	Date.	From or To--	Subject.
142092	12-12	Tuckerton	Reqt supplies. W Fwd SEA--Reqt be supplied. 12/19
142141	12-15	To Tuckerton. (T)	Maintain maximum radiation on both arc and machine Tuck-Honolulu schedule. W
142148	12-15	To Tuckerton.	Reqt recommendation re shipment of material no longer need at station to Wash Yd. W Tuckerton material requested no longer required except Layden Jars 12-18 Tuckerton fws shipping list 12-22
142155	12-14	Tuckerton	Weekly report. W.
142150	12-16	Fed Tel Co T	Reports on Honolulu San Francisco test
142198	12-14	Tuckerton	Honolulu; daily report. W To--Instructions. 12/16
142252	12-15	NY	Fws request from Censor at for protable receiving set. W
To S&A-- For shipment. 12/22			Fwd NY--Authorizes issue of. 12/22 12 25
Tuckerton gives necessity 12-30			To -- Have rectd shipment of. 12/22 fwd NY-1/11
142273	12-17	Fed Tel Co. T	Reports on results of Honolulu-San Fran test. W
142274	12-16	Tuckerton T	Gives mount of power used on Honolulu tes. W
142289	12-11	Fed Tel Co.	Summarizes Tuckerton-Honolulu daylight tests. W

Tuckerton
MERCHANT SHIPS AND STATIONS.

Number.	Date.	From or To--	Subject.
141161	12/3	Tuckerton	Reqt spare magnet spools for 60 kw arc transmitter. W
	To--Will	manuf at Phila. 12/24	Fwd Phila--For reestimate on. 12/7
141162	12/2	Tuckerton	Fwd Phila--Appvs estimates. 12/16 Reqt an audion bulb. W
141164	12/2	Tuckerton	Fwd S&A--Reqt NY be directed for furnish. 12/8 Honolulu tests; daily report. W
141091	12/3	Tuckerton (T)	Gives radiation. W
140774	11-24	Fed Tel Co.	Honolulu; daylight test; detailed report. W.
141203	12-3	Tuckerton	60 kw arc set; reports alterations rear door of arc chamber; blew out during carrying out of Honolulu schedule. W
	To NY--Fwd	copies of corres. 1/20	To Fed Tel Co--Quotes comments of Tuck in regard to mod of arc apparatus. 1/16
141204	12-3	Tuckerton	To M. Is--Fwd copy above to comment. 1/20 Daily report. W
141323	12-4	Tuckerton	Honolulu; daily report. W.
141304	12-5	Tuckerton T	Gives power used; test delayed due to burning out copper electrodes. W
141490	12-1	Fed Tel Co	Honolulu; daylight test. W.

MERCHANT SHIPS & STATIONS. 891

Number.	Date.	From or To—	Subject.
141525	12-8	Tuckerton	Weekly reports.W.
141503	12-8	Tuckerton T	Honolulu schedule; power for; also reqt shipment asbestos rope. W To S&A-- Req't be furnished. 12/9
141321	12-4	Tuckerton	Fwds draft of operators check sheet; reqt. 610 form be printed
141682	12-8	Tuckerton	Req't insulating tape and typewriter ribbon. W Fwd S&A-- Req't be supplied. 12/12 r 12 20 Fwd S&A-- Noted. 12/29 r 1 15
141683	12-8	Tuckerton	Honolulu; daylight test. W
141630	12-8	To Tuckerton.	Schedules with Kauai & Ellipse; reqt Bu be informed of any changes in. W Tuckerton gives data 12-8
141817	12-9	Tuckerton	Honolulu; daily report. W
141785	12-11	Fed Tel Co T	Reports on results; satis. W.
141186	12-4	Tuckerton T	Gives radiation.W
141635	12-9	To Tuckerton.	Relay keys and motor-generators; have req'd shipment to Wash; gives instructions.W To S&A-- Req't shipment. 12/9 To -- Re shipment of. 2/13
141887	12-10	Tuckerton	Honolulu; daily report.W
141801	12-29	To S&A Fwd Gycr Fwd S&A-- 2/3/23 002 1	Fwds bills for truck hire & drayage; pay- ment recommended R. 6115 Fwd Tuckerton - 1/13 56115 Fwd Rad Ser- for comment. 1/20 r 1 42

Tuckerton

MERCHANT SHIPS AND STATIONS.

14

Number.	Date.	From or To--	Subject.
140627	11/27	Tuckerton T	Honolulu; gives power used on test.W
140634	11/25	Tuckerton	Reqt alcohol.W wd inills-- Reqt 100 gals be furnished. 11/28 148
140635	11/25	Tuckerton	Reports shipment of modified relay key to Washington, by express.W
140637	11/25	Tuckerton	Weekly report .W
140639	11/26	Tuckerton	Honolulu; daily report.W
140592	11-27	To Tuckerton. (T)	Gives radio laboratory reports Wednesday test. W
140640	11/28	Tuckerton T	Honolulu schedule; gives power used; ack receipt of telegram discontinuing Sunday schedule.W
140708	11-27	Tuckerton T	Daily schedule; Honolulu.W
140760	11/30	Tuckerton T	Honolulu schedule, gives data; machine period incomplete account relay trouble; Reqt rush kerosene.W To S2A-- Reqt shipment of kerosene. 12/1
140789	11-30	Tuckerton	Reqt supplies.W wd S2A-- 12/3 12 22
140790	11-30	Tuckerton	Weekly report.W
140804	11-28	Tuckerton	Honolulu; daily report.W

Tuckerton

MERCHANT SHIPS AND STATIONS. 891

Number.	Date.	From or To—	Subject.
140847	12/1	Tuckerton (T)	Gives radiation used in test.W
140851	12/1	Fed Tel Co T	Tuckerton signals; reports on South City and Honolulu.W
140855	11/30	Tuckerton	Honolulu tests; daily report.W
140863	11/30	Tuckerton	Requests supplies .W
140844	12-1	To Tuckerton. (T)	Has Givess begun transmitting? What schedules. W
140993	12/1	Tuckerton	Honolulu tests; daily report.W
140972	12/2	Tuckerton T	Gives radiation.W
141021	12/1	Tuckerton	Reqt arc set repairs and spares.W Fwd NY Via S&A--Authorizes manuf of. 12/8 2086
140849	12-1	To Colon. (R)	Directs daily report on Tuckerton-Honolulu tests; directs Darien to listen. W
140856	12-2	To Fed Tel Co.	Gives summary of Tuckerton-Honolulu tests from Nov. 18th to 25th. To Tuckerton-- Fwds copy above. 12/2
141153	12/1	Tuckerton	Reports on quarters for enlisted force.W Fwd S&A--Reqt coas be furnished. 12/10 12/23
141801	12-9	Tuckerton	Fwds bill for truck hire.W

MERCHANT SHIPS & STATIONS.

Number.	Date.	From or To—	Subject.
140187	11-16	Fed Tel Co.	Mails copies of messages copied at Honolulu sent out from Tuckerton.W
140173	11-22	Tuckerton	Honolulu schedule.W
140210	11-28	Tuckerton	Honolulu tests: daily report.W
140267	11-17	Fed Tel Co.	South City and Honolulu tests: summarizes States Darien is receiving South City messages.W
140299	11-23	Tuckerton T	Honolulu schedule; rect. difference in time Honolulu and Washington.W.
140300	11-23	Fed Tel Co. T	Reports on Tuckerton, South City, and Honolulu tests.W.
140310	11-22	Tuckerton	Daily test Honolulu. W
140311	11-21	Tuckerton	ditto
140370	11-24	Tuckerton T	Honolulu schedule; gives amperes used. W
140429	11-23	Tuckerton	Honolulu: daily report.W

MERCHANT HIPS & STATIONS 891

Number.	Date.	From or To--	Subject.
✓ 140471	11-19	Fed Tel Co.	Honolulu daylight test; reports.W
140499	11-26	Tuckerton	Gives power used on Honolulu Test. W.
140447	11-24	Tuckerton T	Honolulu schedule. W 2 Fed Tel Co--TWI will prepare weekly summary Honolulu Tuckerton tests. 11/27
✓ 140451	11-25	Fed Tel Co. T	Reports on Honolulu, South City and Tuckerton.W
140544	11-24	Tuckerton	Electrode insulators; fwds reqt for; and sample W Fwd NY via S&A-- 12/1/10
140503	11-24	Tuckerton	Honolulu; daily report. W.
140517	11-25	Tuckerton	Honolulu; daily report.W To--(T) Discontinue Honolulu schedules on Sundays. 11/28
1030, Norf VOID	11-11 11-24	Brook Brook	Nuts shipped without inspection.S
118, Ports VOID	11-24	Ports	HANNIBAL; boil r tubes; reqt inspection be expedited. S
141455	12-5	Tuckerton	Honolulu; daily report.W

Tuckerton

MERCHANT SHIPS & STATIONS.

1914

Number.	Date.	From or To --	Subject.
✓ 139204	11-10	Fed Tel Co T	Reports results of Tuckerton test. W To Tuckerton-- Quotes above tel. 11/11
139236	11-9	Tuckerton	Weekly report. W
139237	11-9	Tuckerton	60kw motor generator at station will answer all requirements: 100 kw set not required. W
139363	11/5 11/10	NY S&A	Relative to high frequency indicator for Tuckerton. W Fwd S&A-- 11/13
139292	11-11	To Tuckerton. (T)	No objection test electrostatic coupling in Mayers presence; not to be used for commercial work; Rustin will fwd des- cription. 11/11
139292	11-11	Tuckerton T	Asks if permissible to test Conen coupling in presence of Mayer.
139415	11-1	Tuckerton	Reqt supplies of carbon electrode. D
139422	11-12	Tuckerton	Reqt supply of copper wire. W Fwd S&A-- 11/13
139643	11-13	Tuckerton	Reqt supplies, canvas, etc. F Fwd S&A 11-13 10:15

891 MERCHANT SHIPS & STATIONS.

Number.	Date.	From or To—	Subject.
✓ 139671	11-14	To Fed Tel Co. (T)	Quote price and earliest delivery 1000 carbons for 30 kilowatt arc set. W Co can ship quotes price 11-18(T) Fwd S&A-- 11/21
139713	11-7	Tuckerton T To Fed Co--11/20 (T) To Tuckerton (T) 11/20	Reports on operation of alternator and arc; suggests schedule. W To Fed Tel Co. (T) Gives schedule 11/17 To -- (T) Proceed with test as suggested. 11/17 Tuckerton detailed 11-18
139822	11-17	Tuckerton	Intend using RF alternator one period. W
139861	11-16	Tuckerton	Reqt kerosene. W Fwd Phila--directs furnish 11/19 to 123
✓ 139924	11-18	Fed Tel Co. T	Reports satis test with Tuckerton; reqt amount of current used. W To--11/18 11/20 (T)
140046	11-18	Fed Tel Co. T	Reports good signals received at South City; suggest using longest waves for Honolulu. W To-T- 11/20
140121	11-19	Tuckerton	Honolulu test daily report. W
140118	11-19	Tuckerton	Weekly report. W
✓ 140024	11-20	Fed Tel Co T To Tuckerton -11/21	Proposed change Tuckerton inconvenient. W To--(T) Will test as heretofore. 11/21
140033	11-20	Tuckerton R	Honolulu test; impossible to tune alterna- tor for longest wave length. W To-- (T) Continue schedule. 11/21
140170	11-21	Tuckerton T	Test with Honolulu late starting; gives radiation. W

Tuckerton

MERCHANT SHIPS AND STATIONS.

1914

Number.	Date.	From or To--	Subject.
✓ 138687	11-4	Fed Tel Co T	Reqt Nauen and Eliverse schedules: reports that South City, ships Yale and Harvard, Honolulu, etc are receiving signals from W. To Tuckerton-- For rec as to schedule. 11/5 To-- (T) Gives schedules. 11/5
138730	11-3	Tuckerton	Fwds bill for alcohol purchased to meet emergency. Retd-- For certifications. 11/9 10 11 12
138736	11-3	Tuckerton	Fwds bill for hauling, etc. Retd-- For certification. 11/9 10 11 12
138775	11-5	Tuckerton T	Reqt shipment of 50 carbon lamps. To J&A-- Reqt shipment from NY. 11/6
138894	11-5	GE Co.	100 kw motor generator: submits outline print. To Radio-- Fwds print. 11/7
✓ 138944	11/7	Tuckerton T	Reqt Honolulu schedule be postponed on account installation high frequency alternator now in Tuckerton. W
138848	11-6	Tuckerton T	Suggestions for schedule Honolulu Nov 9; Reqt full comment on signals to Nauen, etc W To Fed Tel Co-- (T) Gives data Honolulu test. 11/6
138899	11-5	Tuckerton	Reqt supplies.

Tuckerton

MERCHANT SHIPS & STATIONS. 891

Number.	Date.	From or To—	Subject.
138901	11-5	Tuckerton	Asks what his position will be made of 60 arc set after installation of high frequency alternator. Mr. Mayer rec'd that set be retained at station for use with high frequency alternator. To-- Instructions. 11/7
138904	11-5	Tuckerton	Rept errgt be made with Mr Mayer to pay transportation charges out of current revenue. W. Fwd Dept via Radio Ser--Satisfactory 1* legally allowable. 11/9 BB 11 18 appd Fwd Tuckerton 11/19
138991	11-6	Tuckerton	Propose to install 60kw motor generator; also rec'd decision use of 60 kw set with new alternator. W.
138992	11-6	Tuckerton	Relativeto test with Honolulu, H.
138993	11-6	Tuckerton	Rept supplies. W. (1) rec'd action 11-11 Fwd S&A-- Rept shipment be expedited. 11/10 for Honolulu ship. fly to Cal. rec'd. 11/11
138994	11-6	Tuckerton	Rept re. wood bushings for 60 kw. set. To Fed Tel Co-- (1) Honolulu test posponed. 11/7 TO -- will be sup from Phila 11-18
139079	11-4	Federal Tel Co.	Submits reports on hearing station by YALE and HARVARD lying in San Pedro. W. Fwd Tuckerton-- For its information. 11/11 BB 11 18 To-- Acknowledges receipt. 11/11
139114	11-7	Tuckerton 195	Submits list of labor and material furnished by Mr. Mayer during time of installing 30 and 60 kw sets. W. Fwd Dept via Radio Ser--11/12
139115	11-8	Tuckerton	Statement of running expenses paid by company Sept 9 to 30. W. Fwd Radio Ser-- 11/12

Tuckerton

MERCHANT SHIPS AND STATIONS:

1914

Number.	Date.	From or To--	Subject.
✓137930	10-26	To L.F. Fuller. (T)	Procedure in sending Tuckerton bills NPO Wash is satisfactory; will endeavor expedite payment. W
138037	10-28	Tuckerton T	Reqt spare magnet tips; arc broke down. W To Wash-- Reqt manufacture of 10/28 To-- (T) Where can tips be obtained 10/28 To Phila-- (T) Repair coil fwd from Phila. 10/28 To S&A-- Reqt shipment from Wash to 10/28
138066	10-26	Tuckerton	Will prepare spare relay for shipment but will hold further advice. W
138022	10-27	To S&A	Reqt shipment from Wash to Tuckerton "Every Ready" dry cell battery.
138103	10-28	Tuckerton T	Reqt spare magnet tips be mfg at Washn Yd. W
138148	10-27	Tuckerton	Weekly report; Nauen copied every day with fair success. W
138245	10-28	Tuckerton	Reports steps taken to prevent overheating of magnet coils. W
138234	10-29	Tuckerton	Believes relay key question settles; recommends key to be shipped to Arlington be modified before shipped; lists material required. W To-- Have reqt'd shipment from NY to Tuckerton. 11/2 To NY via S&A-- Reqt shipment. 11/2

From
MERCHANT STATIONS. 691

Number.	Date.	From or To--	Subject.
138236	10-26	Mayer, E.E.	Reqt. to be furnished with copy of Mr. Clark's report on tests made at station. W To-- Formal report not yet rec'd. 11/3 To Tuckerton-- Fwd a copy above letter. 11/3
138477	10-30	Tuckerton Fwd S&A-- 11/30	Reqt thermometers, stationary, bulb for audion detector. W To-- Have rec'd shipment of. 11/3 To Wash via S&A-- Reqt shipment to. 11/3 To NY via S&A-- Reqt shipment. 11/3
138522	11-2	Tuckerton T	Clark making extra copy report; recom. Officer in charge use own discretion re examining files; reqt asbestos, copper wire, brass nuts, etc. W To S&A-- Reqt for shipment of material from NY to. 11/4
138526	11-2	Tuckerton T	High frequency alternator arrived NY absence consular invoice, and delay reqt Dispatch Agent be instructed to arrange shipment. W Fwd S&A-- For action. 11/3 To-- (1) U.S. Dispatch Agent repta. 11/3 S&A will be shipped by exp 11-4
138545	11-2	Tuckerton	Reports for week ending Oct 31. W.
138537	10-29 10-31	Tuckerton S&A	Vouchers covering set delivered by Fed Tel Co. WK Fwd S&A-- Recrms payment be made. 11/4
138528	11-2	Fed Tel Co. T	Tuckerton; asks schedule. W To-- (1) Transmits every night 6 p.m. until 1 a.m. Wash time. 11/3
138525	11-2	To Tuckerton.	Permission for Dr. Louis Cohen to visit Tuckerton; Bu desires to grant this request provided Mr. Mayer has no objection. W Tuckerton 11/2-- would be objectionable to Mr. Mayer. W

Tuckerton

MERCHANT SHIPS AND STATIONS.

1914

Number.	Date.	From or To—	Subject.
137109	10-16	To Tuckerton (T)	Gives results of test: discontinue Arlington schedule at discretion. W
137248	10-16	Tuckerton	Reports arrival of Federal Company are set; proposed manner of installing operating platforms, etc. W
137322	10-19	M. Is T	Tuckerton signals not heard since 13th. Asks if schedule still in force. W To-- (T) discontinued 14th pending installation target set. 10/19
137361	10-17	Tuckerton	States first shipment reported as received not complete; balance received Oct 17. W
✓ 137425	10-20	Westinghouse E&M Co.	Bu reqn 36; reqt interpretation of spares required for motor field. W
137567	10-19	Tuckerton	Submits weekly report. W
137569	10-20	Tuckerton	Reqd asbestos rope for packing and chamber. W Fwd S&A-- For compliance 10/23
137736	10-23	Tuckerton T	Outlines test to be arranged with Bu Standards for Saturday afternoon. W To-- (T) test today unsatisfactory. 10/24
137770	10-22	Tuckerton	Fwds bill for hauling Federal Co. apparatus from Station. W Fwd S&A-- Req't payment be made. 10/27

Tuckerton
MERCHANT SHIPS & STATIONS. 891

Number.	Date.	From or To—	Subject.
137794	10-24	Tuckerton T	Reqt cable be sent to radio station near Hanover to listen in Monday night W To Dept-- Reqt cable be sent 10/24 - 10 28
137819	10-25	Tuckerton T	Relative to test of grounded towers. W
137848	10-24	Tuckerton T	Reqt transformer oil: are not using 60 kw set for maintaining schedule at Hatten and Ellyerse. W Pwd S&A-- For compliance. 10/26
137887	10-15 10-19	Fed Tel Co. M.I.s	Edws report from station San Fran catching Tuckerton. W
137817	10-24	To Tuckerton.	Asks if relay key for 30-k-w arc set can be spare; desire to have shipped to Arlington. W Tuckerton (T) one relay key under repairs; other required at station 10-26 To S&A-- Reqt shipment of. 10/27
137933	10-22	Tuckerton T	Will send Ellyese schedule Monday night. W
138009	10-27	Fed Tel Co T	Tuckerton; asks if open for commercial business. W
137926	10-26	To Tuckerton.	Payment for apparatus delivered under S.E. reqn #3471918; reqt report when payment is in order. W. 10/26 Tuckerton payment for Fed Co set satis except relay key 10-24

Tuckerton

MERCHANT SHIPS & STATIONS.

1914

Number.	Date.	From or To—	Subject.
136488	10-1 10-7 10-9	Fed Tel Co. Supt Radio Dept	Relative to establishing commercial stations in Philippines in connection with establishing communication with China and East: Reqt recommendations for their apparatus with which to solicit business from firms on Pacific Coast. W Fwd Dept-- Comments. 10/12
136452	10-9	To Tuckerton. (CONT 269)	Fwds bill for arc material: reqt statement from Clark as to whether payment is in order. W Tuckerton fws B/L, lit etc covering delivery 10-17 Fwd Wash Yrd-- 10/21 p 11 12
136456	10-9	To Tuckerton. (T)	Call Arlington one thirty pm Saturday and make arrangement by radio for regular schedules. W
136587	10-9	Key West	Tuckerton; no signals received. W
136577	10-10	Tuckerton	Received word from Ellvorse stations received signals. W
136686	10-12	Tuckerton T	Reqt test signals be arrgd with Arlington and Bureau Standards. W
136788	10-13	Tuckerton R	Reqt supplies. W Fwd SAA-- For compliance. 10/13
136837	10-12	Tuckerton	Weekly report of operations; particularly on results obtained thru use of Federal Tel Co receiver in communicating with Ellvorse and Nauens. W

Tuckerton

MERCHANT SHIPS & STATIONS. 821

Number.	Date.	From or To—	Subject.
136903	10-14	M. Is T	Reqt use 7,000 meter wave length on next test. W
136904	10-14	Tuckerton T	Suggested arrgt for test with Bu Standards; reports results. W
136915	10-15	Tuckerton	Eilverse sending schedule discontinued; reqt authority to discontinue Arlington; change time of receiving from Eilverse to 3:00 PM. W
✓136927	10-14	To Tuckerton.	Notifies of proposed visit of chief engineer of Federal Tel Co to Tuckerton; inform Bu as to whether there are any objections to said visit by commercial company's representative. W Tuckerton Mr Mayer has agreed 10-16
136977	10-10	Tuckerton	Submits list of supplies required. W Fwd NY-- Reqt furnish. 10/16 Fwd-- For information. 10/24
✓137049	10-15	Tuckerton	Proposed test with Bu standards. W
137106	10-16	Tuckerton, T	Mayer objects to Fuller visit; suggests consultation at Tuckerton; Bu Standard tests cancelled. W
✓137104	10-15	Fed Tel Co.	Suggestions to aid installing their apparatus at. W. To Tuckerton-- Fwds copy above. 10/16 10 20

Tuckerton

MERCHANT SHIPS & STATIONS.

1514

Number.	Date.	From or To—	Subject.
136058	10-5	Tuckerton T	Hill ordered to NY with relay key: req Commandant be instructed to do necessary work; unable to carry out schedule. W To NY-- (R) Reqt Hill be afforded labor and material reqt by him. 10/6
136049	10-5	To dept.	Reqt authority to purchase from Federal Tel Co apparatus for Tuckerton. W To Tuckerton-- (T) Negotiations in progress toward purchase larger set. 10/5 To Fed Tel Co-- (T) Reqt quotation for purchase of apparatus. 10/5 To Fed Co-- (T) Have reqt acceptance. 10/7 To S&A-- Reqt order be placed for above. 10/7
136147	10-7	Tuckerton T	Report ofn efforts to maintain schedule; suggestions for further schedule. W To-- Instructions. 10/7
136199	10-1	Clark, G.H. T	Tuckerton; reports on status of repairs. W
136252	10-5 10-6	Fed Tel Co. T Fed Tel Co (Letter)	Quotes price and description of apparatus proposed; reqt payment \$15,000 on delivery. W To-- notes above corres. 10/7 Clark reports on 10-8
136183	10-6	To S&A	Reqt shipment of ~~relay~~ relay keys purchased from Wireless Specialty Apparatus Co under Bu reqn 46 from Wash to Tuckerton. W
136263	10-7	Fed Tel Co T	Reports results of test with Tuckerton and South City. W. To-- (T) Acknowledges. 10/8 To Tuckerton-- Results of test. (T) 10/8 To H. Is--m(T) Gives time of Tuckerton tests. 10/10

Tuckerton

MERCHANT SHIPS & STATIONS. 891

Number.	Date.	From or To--	Subject.
✓ 136264	10-7	Fed Tel Co.	Tuckerton; set boxed ready for turning over to express company Palo Palo Oct 9; reach Tuckerton Oct 15. W
136261	10-7	M. Is	Tuckerton; test; reports results. W
136253	10-7	Tuckerton T	Radiation 1:130 Pa; test 78.W
136353	10-8	Tuckerton T	Reqt cable be sent to German station near Hanover to listen for signals. W. To Dept-- Submits cable to be sent 10/9 NB 10 11 11 11
136356	10-8	Key West	Unable to hear Tuckerton. W
136386	10-7	Tuckerton	Reqt stationery, stamps, etc. W Fwd S&A-- Reqt be furnished 10/12
136388	10-7	Tuckerton	Re payment of E. E. Mayer, manager for labor, material, etc. W Fwd Dept-- Comments. 10/9
136456	10-9	Tuckerton	Suggested new schedule on account of experimental work. W
✓ 136480	10-10	Fed Tel Co. T	Fuller due NY Oct 12. W
136518	10-8	Tuckerton	Reports on status of Experimental work undertaken by Mr. Clark, etc. in connection with proposed test schedule. W

1914

Number.	Date.	From or To--	Subject.
✓ 135239	9-26	To NY	Rec shipment of certain radio material to Tuckerton. 10/10 S&A-- Rec shipment from NY to Tuckerton. 9/26 To Gygar-- Informs certain will be shipped, inform Bu when rec'd in order that Radio Aids may be directed to proceed. 9/26 Fwd NY-- 10/10 Tuckerton fws bill for express charges 10-13 Fwd S&A-- Rec payment. 10/19
	9-28		Are set arrived and delivered except generator; delay latter due to no truck. W
135563	9-29	Geo H Clark T	Tuckerton: loading coils at Annapolis not enough; reco mends shipment from NY. W
✓ 135530	9-29	To Nav Acad. (T)	Direct Clark proceed Tuckerton immediately. To NY-- (T) Direct Hill proceed Tuck immediately. Expedite shipment material ordered. 9/29
135699	10-1	Gygar, Lt (Tuckerton) T	Reqd 200' copper wire be rushed to. W
135714	10-1	Gygar, F. (Tuckerton) T	Reqd 10 gals grain alcohol be rushed to. W To S&A-- Req for shipment from NY to: 10/1
135732	10-1	To S&A	Req shipment of 200 feet copper wire from NY to Tuckerton. W
135909	10-3	Gygar (Tuckerton) T	Reports electrodes burning rapidly; reqd rush shipment of misc articles; new system working well; expect to make official report by the 5th. To S&A-- Req shipment radio material. 10/3 To Wash-- Reqd manuf and shipment of radio material to. 10/3 To-- Req report. 10/3

Tuckerton
 MERCHANT SHIPS & STATIONS. 891

Number.	Date.	From or To	Subject.
135943	10-3	Gygax (Tuckerton) T	Unable to maintain 110 amperes on account of heating of magnets. W
135944	10-4	Gygax (Tuckerton) T	Poppet valve leaking. W.
135945	10-4	Gygax (Tuckerton) T	Relay key failed; unable to carry out schedule. W
136033	10-4	Tuckerton. T	Can maintain 100 amperes for 15 minutes out of every hour; expert states 110 required for communication; impossible to handle continuous schedule with present apparatus. W
136036	10-5	Tuckerton T	Gives proposed schedule for to-night; reqt schedule be arranged by Bureau not to interfere with receiving schedule morning until noon. W To Colon-M. Is.-San Diego-Key West-Federal T Co--- (T) Notifies on test to be held. 10/5
136037	10-5	Tuckerton. T	To--- Gives time tests to be held. 10/5 (T) Req insulation material from NY to repair relay key. W Fwd 32A-- Req shipping instructions. 10/5 Rb 10 ?
135927	10-3	To Tuckerton.	Req weekly reports on operation of Station. W
136056	10-5	Federal Tel Co. (Tuckerton) T	Quotations and specs for 60 kw set sent to Beach Thomson; will list in for. W

Tuckerton

MERCHANT SHIPS AND STATIONS.

Number.	Date.	From or To—	Subject.	
123166	4/13	Fed Tel Co	Writes relative to establishment of a high-powered radio station on Guam and in the Philippines	813
123856	4/22	Fed Tel Co	Guam & Philippines, sites for merchant stations; requests cooperation of Navy Dept in securing permits	813
123962	4/28	Fed Tel Co	San Diego and El Paso; offers to lease or their station at El Paso, Texas	sell \$0
125061	5/18	Supt. Radio.	Instructions for the calling of merchant vessels. W	
✓ 125469	5/21	NY	Fwds report of inspection of the Goldschmidt radio station at Tuckerton, N.J. W	
125435	5/21	To E. E. Meyer	Please furnish Bureau with schedule and wave lengths transmitted by the Tuckerton radio station, that Bureau may make observations on their signals	903
✓ 125601	? 5/23	NY Dept.	Request orders for Sub Insp Guy Hill to accompany Lt. Comdr. Peppern on inspection trip to Marconi Co's high power station and Brunswick, N.J., and Goldschmidt station, Tuckerton, N.J. W	selman
132274	8-10	N.Y.	European War- reports on Wanamaker's Marconi Sta. and German Sta. at Sayville	787
133929	8-31	Phila.	Tuckerton, N.J. - re telephonic com.	902

1914

Tuckerton
MERCHANT SHIPS & STATIONS 891

Number.	Date.	From or To—	Subject.
✓ 133956	9-8	TO Gygar, Tuckerton Sta & S&A	Is shipping Audion amplifier, audion detector, condensers, and Baldwin receivers; directs methods of operation be given only to persons in Naval Service. To S&A-- Req shipment of material to Tuckerton. 9/11 Gygax recd be expedited 9-14 Fwd S&A-- Req Baldwin head sets be shipped from Wash yard. 9/12 To S&A-- Req shipment of mess gear. 9/14 To-- Baldwin phones will be shipped from Wash. (R) 9/14
134485	9-15	To Gygar.	Fwds copies NSE form 25-A and rec same be filled out showing description of Radio installation.
135171	9/24	Dept 26283-779	Record of proceedings of a court of inquiry which inquired into the circumstances connected with the accident to the machinery of the radio station at Tuckerton, N. J., 9/18. To-- Recma findings of Court be apvd; Bu can install a 30-kilowatt Arc Set now on hand at Tuckerton, if so directed. 9/24 To S&A-- Directs shipment from Arlington to Tuckerton. 9/26
135175	9-24	To Insp. GE Co. (T)	Inform Bu possibility obtaining immediately by purchase or rental one 500 volt 100 kilowatt direct generator, etc. W
135253	9-25	Insp GE (T)	Quotes price for rental of generator; sale preferred. To-- Will probably obviate necessity of purchase; another machine available. 9/26 GE further 9-25

MERCHANT SHIPS & STATIONS.

1912

Number.	Date.	From or To—	Subject.	
86030	12-23	Norfolk	Marconi Sta at Norfolk abandoned; Virginia Beach handling business. W.	
✓ 89112 ²	1/31	United Fruit Co.	1913 Writes 4-page letter re erecting wireless station at Colon. W To---Fwd Supt Radio for consideration. 2/7. Makes appt. 14th. 2-11	
✓ 90105	1-31	Dominican Republic	Desire to open radio station and reqt data re handling messages. W. To---Fwd Supt Radio for reply. 2/13.	
90325	2-11	NY	Atlantic Communication Co. station at Sayville, L.I. Reports on inspection by Sub-inspector Guy Hill. W	
✓ 90832	2-18 2-20	United Fruit Co Dept	Fwds draft of letter to be presented to Republic of Panama re failure to construct radio station due to objection of US Gov'n. W To--acknowledgement 2/26 Fwd--Supt. 2/26	
93606	3/28	To ARLINGTON via Supt.	Desires permission be granted Mr. Lemke Rep. of Goldschmidt, Hanover, German. to carry out test of receiving signals.	903
98202	5/21	At. Flt.	States Atlantic Communication Co. Station at Sayville, L.I. can and probably does intercept all of fleets official messages including those in code. Thinks probably that German navy is stationing officers at Sta. to get in touch with method of signalling, code, maneuvering of fleet, etc. Recommends officer be detailed to act as censor for Station or that Germany allow US to erect similar station in Germany.	881

Tuckerton

MERCHANT SHIPS & STATIONS. 891

Number.	Date.	From or To--	Subject.	
✓ 98568	5-19	P&G.Sd 10322	Fwds description and prints of radio installation ships Patterson and Explorer.W	
✓ 98718	5/23 6/4	Federal Telegraph Co. Dept. 990C-132-1	Request permission to establish commercial wireless station Midway Islands.W Ret Dept. comments. 6/9.	
✓ 99636	6/17	To Atlantic Communication Co.	Generator installed at Sayville station. G.E. Clark directed to witness operation.W To NY. directs instruct G.E. Clark to witness. 6/17.	
104043	8-18 8-20	Dept Commerce C&R 2083-16	Goodyear Rubber Co. station at Detroit, Mich. Fwds description.W	
104620	8-30	Supt Radio	Marconi Station, Point Judith, R.I. closed to public service after Aug. 31. W	
105592	9/6	Federal Tel Co.	Great Lakes Training Sta. asks if Bu. will lease their station.	899
108635	10/23	At. Com. Co.	Solicits business for H.P. quenched gap sets, particularly for Lake Bluff Sta.	876
✓ 110798	11-3 11-19	NASHVILLE: Supt Radio	Reports that Zummary SS Co. intend erecting high powered station at Ocala, Monturas.W To S. Z. Murray comments as to what would be most satisfactory. 11/26	

Tuckerton

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MERCHANT SHIPS & STATIONS:

Number.	Date.	From or To—	Subject.
61232	2-12	NY 3333-3	Reports on inspection of station erected Sayville, in charge of German who conveniently forgot all English when asked questions. W
61881	2-21	Nav. Intel	Reports removal of wireless station from roof of Fore River Ship.Co.W
✓ 65037	3-30	Atlantic Communication Co	Wireless station at Sayville. Extends invitation to Adm. Com. or any officer of Bureau to inspect. W To---Apr. 4/2.
✓ 67522	1-25 4-29	C&L Dept 12479-515	Report of Wireless Ship Inspector New York on steamers Hamburg-American Line; asks for 2 generators, 2 operators, additional receiving set on merchant ships due to large part of time sending; on 1st wave in order to get these reports; this is reason Titanic help call not received by certain vessels. W Ret--- 5/4.
✓ 69277	5-17	Frien. S.	His private station; asks if new legislation will prevent operation; also call letters. W To---Must obtain license from C&L. 5/21.
✓ 69417	4-30	Commerce & Labor	Bwde report on United Fruit Co. stations at New Orleans. W
70617	6/7	NY	FREE ISLAND: reports on station being erected at Sayville, L.I. Will seriously interfere with operations of. 812

Tackerton

MERCHANT SHIPS & STATIONS 891

Number.	Date.	From or To—	Subject.	
✓ 71729	6-8	Southern el. School	Get information re best type mast and apparatus for installation in station, Nashville, Tenn. W To---Gives information. 6/21.	
✓ 72289	6-24 C-26	State Dept Dept	Reports establishment by United Fruit Co. station at Santa Marta, Columbia, W Ret Dept. 6/28.	
74728	7/22	M.Ia.	Requests copies of merchant vessels of the United States and Lloyd's register.	895
78441	9-9	Colon	Commercial station Royal Mail Dock, Colon; reports resumption of operations. W.	
78707	-924	TO Nav. Intel	Exls letter from C&G re changes in United Fruit Co. systems. 9-24W	
✓ 79215	9-30	Atlantic Communication Co	(SAXVILLE) Co. reports opening for business Oct. 1st. Trans-Atlantic service; deferred until completion of tower at Nauend, Germany. W To--10/3 Fwd Dept. recom. At. Flt. designate officer to visit. 10/3	
✓ 84104	12-2	University Michigan	Asks if Bureau will test out plant just completed. Fwd Radio. rec appr. 12/4.	
✓ 85818	12-23	Telefunken Co	Fwds copy of article to be published in Elec. World re range shore stations. W. To---Ack. 12/26.	

MERCHANTS SHIPS & STATIONS:

Number.	Date.	From or To.	Subject.	
✓ 47728	8/31	Navgn	Gives list of stations equipped with wireless at Galveston. W	
✓ 49994	9/6	Robison, S.S.	Reports inspection of Marconi Sta. South Wellfleet, Mass. Glace, Nov. Scotia, also Navy Station Cape Elizabeth. Chief To ports. quotes re part 9/2	
✓ 49001	9/19	Nav. Intel	Reports from Consul at Colon on establishment of United W.T. Station. W	
49344	8/24	Australasian Co	TUTUILLA: fnds information re wave lengths, power, etc of their wireless stations in connection with station at.	846
✓ 49998	10/2	TO Federal Tel. Co	Reqt. description of their El Paso commercial station. W	
✓ 51484	10/19	Federal Tel. Co	Gives description of their El Paso station: and reports on commercial work of other stations at San Francisco and Los Angeles. Offers to sell apparatus to Govn. W Ewd CINCINNATI WEM 10/27. B.B. 11-48	
✓ 56620	12/20	To Phila & NY	Marconi apparatus on stores of John Wanamaker; reat information concerning working, wave length, etc. W	
✓ 57202	12/27	NY 206-8	Reports on working of Marconi apparatus in stores of Wanamaker at NY and Phila. work almost continuously from 3 to 6 PM practically cutting out NY Sta. W	

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Tuckerton

MERCHANTS SHIPS & STATIONS. 891

Number.	Date.	From or To	Subject.
✓ 57891	1/4	Phila 4501-5	Marconi apparatus: on stores of Wannamaker stores: reports operations gives considerable interference. W.
✓ 58072	1/9	To Telefunken W.T.Co.	New station at Sayville, Long Island: Requests data as to extent, power and purpose for which being erected. W
	1/9	To NY	Directs nominate suitable person to visit station. W Not being erected by that company. 1/11 Lt. Comdr. Kimberly will visit. 1/10 to telefunken Co. Ack. 1/10. 10 Nov. Request on data for station in connection with inspection. 1/12 to W.C. Frank. 12/3 purpose for which being erected. 1/12.
✓ 58875	1/17	Frank, Dr. W.G.	Gives data on new station being erected at Sayville. W. To---Ack. 1/19.
60036	1/30	Chas. W	Commercial Station Jacksonville, Fla. reports never having heard Palm Beach working. Fernandina has a man in charge. Will report further. W
60016p	1/30	To Chasn W	Asks if stations at Fernandina and Palm Beach operating, and if handle many messages. W
60348	2-3	Chasn	No commercial stations in operation at Fernandina Palm Beach and Fernandini. W

MILITARY SHIPS & STATIONS. W.T.

FILE No.	From or To— (Dated)	Subject.
✓ 55909 4/11	TO Narr. Nav. Sta	Directs Nantucket light ship carry opt test with steam ship LA PROVINCE. W BB 4-21
✓ 37058 4/18	Branch Hydrographic Office Phila.	Reports on wireless system on British ships. W
✓ 41003 5/3	Tacoma-Roche Harbor Line Co.	Offers use of their station at Roche Harbor as relay station for Tatoosh and other Govn. stations on Pac. Coast in lieu of erecting station at San Juan Island. W
✓ 41003 6/10 6/12	Jones Sen. W.L. Dept	Yvds proposal from Tacoma Roche Harbor Line Co offering use of their station as relay for Tatoosh Is. Station. W
✓ 41813 5/29 6/20	Seattle Gas Engine Machy Co. Dept 12479-421	Reqt opportunity to bid on wireless station to be erected on San Juan Islands to act as relay station for Tatoosh. W Ret Dept. Loted. 6/23.
✓ 45982 7/31 8/1	TO New Orleans & Pensacola To Navigation.	Reqt. list of all merchant vessels equipped with wireless, entering port. W BLRB 8-14-15. To Nav. Coast number of ships equipped with wireless trading with port of Galveston. 8/15.
✓ 45531 7/3	Pensacola	No vessels entering port carry wireless. W
✓ 45539 8/2	United Fruit Co.	Yvds tariff schedule for receiving and transmitting messages. W To---Acknowledgment. 8/2.
✓ 46622 8/16	Hydro. Office	Submits list of, equipped with wireless at Galveston. W



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MERCHANT SHIPS & STATIONS: W.T.

FILE No.	From or To— (Dated)	Subject.	
✓ 28453 1/5	Hydro. Office	Reports establishment on ships Rel. Navn. 1/9	
✓ 30510 1/30	United Wireless T.	Reports contemplated abandonment of Key West and Charleston Stations. W Fwd Per West. Chas. Nor. for comment 2/2. R. B. 2/14 re hire of clerical help at Sta. Fwd Welt 2/17.	
31503 1/3	Tutuila	Invites attention to great advantage in having Tutuila in wireless communication with new station erected at SUVA	846
✓ 31692 2/4	Branch Hydro Office San Francisco	Submits list of Merchant vessels equipped with wireless outfits. W	
31926 2/18	To Navigation	CODES: reqt Br. H.O. obtain information re merchant vessels entering Port. of New York	879
33744 1/16	Tutuila	Fwds data on wireless stations in vicinity in connection with proposed station at.	846
✓ 34649 3/25	TO United Fruit Co.	Reqd copies of wireless telegraph regulations. W	
34979 3/27	Nav.	International Bureau of Telegraph Union. Circular No. 25: reqt list of names of managing companies and operators for vessel owners. W To Int. Bu. of Tel. List of W.T. Stations of World fwd. 5/8.	
✓ 35171 3/30	United Fruit Co.	Forwards books on rates, rules, and regulations of wireless Department. To -- Acknowledges 4/4.	



ARKANSAS: PONS. ETC.

1912

Number.	Date.	From or To—	Subject.
72151	6-25	C&R 25273-L.71	Many specns; rect. duplicates ba sent to S.C. Adams, N To Constr. NYS. Fwds specns. 6/27. Ret---6/27.
82092	11/8	To C&R	& WYOMING. Full specns; request copy, which include electrical specns, be fwd to NY yard.L
			1913
232358	11-21	USE WYOMING	1917 Reports boats transferred to the ARKANSAS. 611-1
			1918
286116	3-2	Refrigerating Engrng Co 276-1	Request be put on list of bidders for ammonia refrigerating equipment. L
			1922
630153	6/22	Pac Fleet	Returns specifications for battleship WYOMING & ARKANSAS D

Number.	Date.	From or To—	Subject.
286323	2-28	CO	Standardization curve of May 30th - request copy. M fwd gunnery Exercise and Eng Performances. 3-6
411528	4:13	Chief Observer	Submits report on full power trial with comments on unsatisf. feed water del. though S&K feed heaters necessitating use of aux. feed pump D (cross to 10)
548643	2:6	Battleship Div 6	Submits report covering de-arrangement of machs on D&Y
591493	9/21 10/20	CO WYOMING O&R 4.1	Error in speed revolution curve of ARKANSAS or WYOMING or both, involving detriment to WYOMING's relative score- report cov. DM fwd Opns 10/27

ARKANSAS: TRIALS: PAYMENTS.

1913

Number.	Date.	From or To—	Subject.	
✓ 104179	8-22	NYS 1031-961	Fwds contractors bills for extra elec. work.	K
✓ 105563	9-12	NYS	Fwds contractors bill for changes to galley equipment.	N
107585	10/10	Dept.	Empires report on full power trials of	766
✓ 111647	12-1	NYS 2781-2508	4 JARVIS: reqt. log and summary sheets; standardization trial.	D
			Fwd Bd IAS. requests furnish. 12/3	DD 128
✓ 113140	12-19	Dept	Report A: Fwds. F Fwd At. Fleet request report of coal used from this cargo on other ships. 12/20. 36 Fwd. Dept via S&A. summary of comments on coal. 3/7.	
✓ 115290	1-19	NY C&R	Work for which responsibility has not been determined. Ret C&R. chargeable to govt. 1/18.	
✓ 117394	2/10	To Gen Insp of TEXAS.	4 WYOMING: fws speed curves plotted from standardization data.	D
✓ 131598	8-5	Dept	Report B: fws. F Fwd Dept. rec be referred to C&R. 8/13.	

ARKANSAS: TRIALS: PAYMENTS:

Number.	Date.	From or To—	Subject.	
139372	11-12	To Dept. JOINT	Final acceptance and settlement; reports on.	
139829	11-16	Solicitor	Finally accepted Nov 16. Y	
139993	11-16	Dept 27235-49	Directs final acceptance and settlement. W Fwd C&R-- Vouchers have been appvd. 11/21	
140736	11-28	Dept	Full power trial; F Retd-- Noted. 11/30	
141790	12-10	Dept	Report A Retd-- Noted. 12/11	
146344	2/4	NYS	OKLAHOMA; preliminary trial; test of gages; inspector states requirements too severe; recommends easier test; fwsd result of ARKANSAS test	522-2
149102	3-6	C&R	Curves of effective HI; fwsd.D	
157072	6-8	Dept	Report B Retd-- Noted. 6/12	
169282	10/25	NYS	Phila Yd reqt loan of weight sheets.DR	

ARKANSAS: TRIALS: PAYMENTS.

Number.	Date.	From or To—	Subject.
94850	4-11	NY 370-820-10	Estimates on recommendations of trial board.N Fwd Dept. comments & recommendations 4/22 To---& NYS.aprd.4/26. (J) Fwd Dept.with rec.5/3. ED 5-10 Fwd O&R 5/12
94852	5-4	NY 370-820-5	Estimates on elec. items, recommended by trial board. To---aprd with exceptions.4/21. Fwd Inspr NYS- 5/8
✓ 95298	4/17	NYS 907-2320	Gate valves: fws tracings of as called for by Trial Board's report.N
96829	5/8	NYS	Monthly report.N
✓ 97675	5/17	NYS 1154-2254	Defects and deficiencies: forwards con- tractors' comments on reabbaiting I.P. turbine.N
99026	6-7	NYS	Monthly report.N
✓ 99361	6-11	Kinney, R.D.	States item of boiler tubes called for on list of spare parts were delivered to vessel as called for and error reported to have been made by writer in weight sheets does not exist.N
✓ 99804	6-5 6-16	CO At.Flt	Full power and endurance runs: vessel can reach assigned speed only by keeping 175# pressure in low pressure receivers; met condition only thru efforts of chief machinist J.A.Oliver in fire rooms and recommends commendatory notice be placed in his record.F Fwd Nav.comment.6/21.

ARKANSAS: TRIALS: 121-2

Number.	Date.	From or To—	Subject.	
✓ 99982	6-18	NY 375-820-23	Reports work chargeable to contractors. N To---inform as to responsibility. 7/1.	
✓ 100432	6-27	Dept	Company accepts charges. 6-30 To---asks if installing augmentors is completed. 6/4. To C&R. reservations. 7/3. Eng. Comp. Fwds report. F Ret---7/3.	
✓ 101087	7-8	NYS	Monthly report. N To---item (13a) "circ. pumps for dynamos too small" need not be included in future reports. 7/29.	
101313	7-11	TO CO	Engine log; Cummings type; reqt. report on operation. D	665-2
101851	7/19	Dept.	Engrg Comp. Report B.	766
			103798 B-	
103798	8-15	NYS 1825-1501	Fwds contractors bills covering steam connections to bath room. K	
103797	8-16	NYS	Fwds contractors bill for extra work on foundations for forced lubrication settling tank. K	
103824	8-16	NYS	Fwds contractors bills for elec. work in connection ward room bath. K	
104138	8-21	NYS	Contractors bills for change in heating. fuel oil system, forced draft blowers. K	

ARKANSAS: TRIALS: PAYMENTS.

1913

Number.	Date.	From or To—	Subject.
91019	2/24	NYS 431-2254	Submits list of uncompleted work in connection with final trial. N Fwd Bd I&S 2/25
91001	2/24	Solicitor 27235-326	Copy of order to Trial Board. N
91174	2/26	Dept. 27762-32	Fwds tactical data reports. F Fwd C&R 2/27
91363	2/25	Dept.	Reports damage done by striking uncharted coral reef. Y Ret---3/1.
91927	3-6	NYS	Monthly report. N
91928	3-6	Bd. I&S	Final trial; fws report. N To--NYS- reqt comment 3/25
92285	3-3 3-10	Bd. I&S cpt 27235-371	To NY request estimates on certain items. 3/31 To NY work authorized. 4/1 Final trial; fws report of board. N Fwd C&R. 3/14.
✓ 92477	3/14	To NYS	Final weight sheets show overweight of machinery of 75.74 tons. N
92894	3-19	C&R 25315-E.21	Final trial; fws b/p copy. N To-NYS fws copy 3/26
92867	3-19	NY	Bailey counters; will be completed Sat. 22nd. D.

ARKANSAS: TRIALS: PAYMENTS. 121---2

Number.	Date.	From or To—	Subject.
93498	3/27	NYS	Fwds letter from contractors requesting to be relieved of all penalty for over weight of machinery; inspr recommends.N Fwd Dept via C&R.rec appr.7/2.BB 8-1 Fwd Dept.comments.8/19 #15 8-8 To--remittance of penalty 9/26
93583	3/27	NY Comdt	Requests action on report of Board on final trial.N
91928		SEE OTHER SIDE	Report of Trial Board for final trial. To Nav.re certain items.4/1. To NY gives list of articles and asks if received.4/1.
93827	4/1	To NY T	4 ONTARIO: SONOMA: Directs proceed with Eq.S.E.work.L
94433	4-8	NYS 805-2314 Un	Finished work: fws contractors letter reporting shipment of spare propellers and spares,etc.N To CO.Asks if contractors furnished check plates for furnaces 4/10. Check plates on vessel 4-14
94552	4-8	NYS	Monthly report.N
94556	4-8	NY 370820-7	Appropriation to which certain job orders are to be charged.L To---states what is satisfactory.4/10.
94740	4-11	NYS 855-2314	Final trial; contractors recommendations on report of deficiencies.N To-C.O.--Reqd comment 4/16

ARKANSAS: TRIALS: PAYMENTS.

1913

Number.	Date.	From or To--	Subject.
✓ 87163	9-16 17/16	NYS Co. C&R	Requests extension of contract time. F (J) Fed Dept. Rec appd. 1/10. ~~RE 1-10~~ Fwd C&R Vouchers have been appd. 1/16.
87633	1-15	NYS 119-2254	Reports on status of uncompleted work. N
87635	1-15	NYS 70-6115	Uncompleted work: hold receipt from Paymaster of ship for certain spares on turbines. N
88206	1-21	NYS 176-2314	Fwds memo of shipment covering cleaning lenses reported on list of shortages. N.
✓ 88413	1-23	Bd. I&S	& WYOMING: final trials; reqt. that Bailey or Smith-Cummings counters that Bureau intends to install permanently, be installed before trial. N Fwd NY. Regt. est. for mfr of gear for Bailey counters. 1/27. ~~RE 1-27~~ To NY. mfr appd. 2/3. To ~~NY~~ mfr appd. 2/3.
88868	1-29	NYS 232-1501	Fwds bills covering items, changes in cost. N
88881	1-29	NYS	Bill for authorized changes, elec. N
88985	1/30	NYS 162-6116	Shortages electrical States GSK New York, has been requested to check and return receipted memorandum. N

ARKANSAS: TRIALS: PAYMENTS: 121-2

Number.	Date.	From or To—	Subject.
89604	2-6	NYS	Monthly report. N
✓ 90056	2-12	At. Flt	Struck coral head Guantanamo bay; water in 5 compartments. Y
90280	2-14	At. Flt W	Expect to get Guantanamo to-day; will send NY for investigation. Y after
90615	2-18	At. Flt R	Reports on damage. Y
90643	2-19	Dept	G-in-C authorized to send to Hampton Roads. Y
90730	2-20	Bd. I&S 276	Final trial; reqt. status of work. N To NYS. Reqt list of uncompleted work. 2/21.
✓ 90925	2-22	Anderson, E.B.	Trial trip; reqt. permission to attend in behalf of Parsons Marine Tur. Co. N
✓ 90989	2-24	Solicitor 27235-326	Final trial; reqt. machy specs. N To— fws 2/25
91024	2/24	Dept.	Directs repairs after arrival at New York: Bd I&S will join vessel at Hampton Roads. Y

ARKANSAS: TRIALS: PAYMENTS.

1912

Number.	Date.	From or To—		Subject.	
83491	11/25	To NYS		Uncompleted and unsatisfactory work for which contractors are responsible. Previous reports appear to have been incomplete. Gives instructions as to what is required. N	
83576	11-25	NYS	2303-231	Weights sheets: fws. D	
83712	11/27	Dept		TRIAL TRIP: date	764
84006	12-21	NYS	2429-2314	Uncompleted and unsatisfactory work; explains in detail inspectors' interpretation of Bureau's instructions relative to reporting on and apparent discrepancy between his reports. N. To --- comments and ins'ns. 12/14.	
84505	11-30	NY	370-755-6	Uncompleted work; reports on items for which contractors are responsible. N. To NYS. Quotes items for which contrs are relieved of responsibility. 12/9.	
84621	12-9	Dept	27225-S.330	Details for taking President to Canal Zone; dir directa fitting out at Norf. Y	
84624	12-9	NYS		Monthly report. N	
84643	12-7	NY	370-755-7	Gives actual cost for fitting extension rods to valves and drip pans under air compressors; chargeable to contractors. N. To NYS. Gives cost, chargeable to contrs. 12/10. Were completed by contractors, and did not appear in list. 12-11. If NYS line "All boiler try cocks" will be omitted from report to be reported to contrs. 12/12.	

ARKANSAS: TRIALS: PAYMEN S. 121-2

Number.	Date.	From or To -	Subject.	
84819	12-11	Dept	President will embark Key West 21st. Y	
85256	12-16	NYS 2546-2311	Weight sheets; fwds corrected. D.	
85297	12/17	NYS	Copper exhaust piping, replacement of: contractors claim must have been subjected to abnormal pressure and refuse to be held chargeable for cost of repairs.	121--15
85557	12-18	Bd on Changes, NYS	24 hour trial; omission of bagging of coal. Dec. cost. N Fwd. Dept rec. appr. 12/20. B1 - appd to NYS. appd. 1/3	
85511	12/19	Dept.	Final trial date	764
85925	12-23	NYS 2624-2320	Booklet plans; reports, delivery of: arika from list uncompleted work. N	
86998	12/17 1/6	CO Dept. 27762-19	1913 Engineering Competition. Standard speed required 22.08; 1-1/2 knots in excess of contract speed; and will required over 140% of designed power to attain. Requests be reduced. F Ref Dept. 1/15.	
87086	1/9	NYS	Monthly Report. N	

ARKANSAS: TRIALS: PAYMENTS.

1912

Number.	Date.	From or To--	Subject.
77933	9-12	NYS 1790	Contractors bill for items extra work: Steam machinery. N
77934	8-31	NYS	Submits bill; for extra work: Elec. N Fwds letter of transmittal. 9-13
78160	9-16	NYS 1092-6116	Revised list of unfinished work with estimates for reservations. N
78243	9-17	NYS 1821-2313	Unfinished work; revised statement of. N
78571	9-21	NYS 1121-6116	Submits contractors comments on unfinished work. N.
		OVER	TO -- reservation for 10-7 RE 10-10 TO CO 10-7 TO C&R 10-7 TO NY 10-7 Fwd Dept 10-7 To --- quotes Dept's action. --- To C&R. Resrvh. 10/12
79403	10-3	NYS 946	Estimate ded cost. omission of bagging coal on 24 hour trial. N.
79384	10/2	Dept	Reqt report on all uncompleted work at time of departure from Phila. together with est. of time to completed work at New York Id. 121--8
79829	10-9	NYS	Monthly report. N
79834	10-9	NYS 2026-2313	Uncompleted work; submits revised recommendation for reservation. N To --- appd. 10/12.

ARKANSAS: TRIALS: PAYMENTS: 121-2

Number.	Date.	From or To	Subject.	
79896	10-9	Solicitor	Prelim acc pted Sept. 14th. N	
80196	10-14	NYS 2072-2313	Strike item of blade lengths for turbines off list of unfinished work. N	
80816	10/20	U ah	EMERG COMPET. full power trials, 22 knots, vary from 1-1/4 to 1-1/2 knots more than contract speed, unsafe.	766
78571	10-22	OVER	(J) TO Department; recommendations re deductions, penalties, etc. 10-22. Fwd C&R 10-28 To NY. instructions 11/9. To NYS. 1/11. CO reports on items not yet completed 12-29	
81082	10-25	NYS 2153-2308	Omission of bagging coal on 24 hour trial; decreased cost. N Fwd Sept recom. 10-28 R.L.H. 5-11-24 To---appd.---To Gen Insp. for dec cost. 11/16.	
82020	11-7	NYS	Monthly report. N To---Gives status of items. 11/9.	
82202	11-9	NYS 2265-2311	Penalty for excess water consumption; fws contractors & appeals against. N Fwd Dept via C&R rec by remitted. 3/1. R.H. 8-21 To---penalty remitted. 3/22.	
82637	11-16	NYS 2321-2314	Shortages; fws memo shipment covering spare parts. N	
83225	11-21	NYS 1395-499	Fws list of elec. stores shipped to Phila were included in list of shortages when vessel left builders. N Fwd Phila. Asks if items received. 11/22.	RP 12-9

1912

Number.	Date.	From or To—	Subject.
✓ 74207	7/23	NYS 902-6116	Unfinished work: fwda list---lighting diala. mounting telephone and galvo Jacks. wire leads to emery grinder, etc. N To---Requirements. 8/2.
74285	7/23	C&R 25513-E.16	Report of Board on Prel. Trial: fwda. N For 7/23. Lists what will be required in form of general data for 8/30 lists. N To NYS. Fwda copy of report. 7/26. To---NYS. will include "General data" 7/30
✓ 75006	8/3	Wm. Y. Avery	Builder's Trial: report of observations. L
✓ 75167	8/5	NYS 1588-2254	Monthly report. N
✓ 76633	8/28	NYS 1692-2313	Contractors request authority to deliver vessel on 29th inst. N
76876	8/29	Dept. _____	Telegrams to Phila. authorizing delivery and acceptance of when finished to satis- faction of inspectors. N
76969	8/29	Solicitor 27235-279	Have authorized delivery on completion of satisfaction of inspectors. N To---NYS. instruction 8/31
76936	8/29	Phila	Delivered and accepted subject to verifi- cation of inventory at 2.30 Aug. 29th. N

ARKANSAS: TRIALS: PAYMENTS. 121---2

Number.	Date.	From or To—	Subject.
77045	8/29 8/29	Phila. Dept.	Vessel delivered and accepted.N
77007	8/28 8/30	NYS C&R 250P3-E.1	Delivery of. Recommends that date of preliminary acceptance date from completion of repairs to bottom of ship.N Fwd Dept. concurs 8/31 To Dept (J) re com prelim accept. 10-8
77176	8/30	Solicitor 27235-281	Delivered Phila. 29th. N
77461	9/6	To NYS	Machy weights; request for.
77599	9-7	NYS	Monthly report.N
77699	9-9	NYS 1067-6116	Fwds list of uncompleted work to be done at Navy Yard after delivery; also recommends certain additional work to provide for additional lighting, etc. N Cory; agrees to change if not already made; helm transmitters. -26 To Cory; Son. re change helm angle indicator 9/25
77700	9-9	NYS 1066-6116	Submits list of unfinished work for which contractors are responsible.N. O -- submit revised 9-14
77704	9-9	NYS 1760-2313	Unfinished work; means to be provided for removal of cooling coils of ice machine; under C&R and reqt. be taken up with that Bureau.N Fwd C&R 9-14 RB 10-5 Ret C&R desires. 10-7
77705	9-9	NYS 1769-2313	Unfinished work; submits list to ether with estimates of amount to be reserved.N. TO -- re certain items not listed. 9-14 TO C&R shift bilge suction 10-7

ARKANSAS: TRIALS: PAYMENTS:

1912

Number.	Date.	From or To—	Subject.	
69779	5-25	Solicitor 26834-288	Trial: machinery specs. reqt.N To: copy fwd 5/27.	
69845	5-27	Dept 26834-288	Prelim trial: orders to board.N	
69893	5-28	NYS (J)	Prelim trial: reports on inspection of coal bin ers, fuel oil tanks, etc.N	
69823	5/23	Dept	A. LYCKING: probable date of delivery:	488--2
70322	6-4	Dept	Copy of telegram reporting ship grounding and damage to bottom plating.N	
70475	6/6	Dept. T	Completed standardization trials averaged 21.202. Examination shows nothing to prevent further trials.N	
70532	6-6	NYS	Monthly report.N	
70956	6-11	NYS 1238-2321	Reqt. list of unfinished SE work for use trial board.N	
71119	6-13	NYS 1250-2308	Galley counters: req. instructions re dispo- sition of those used on trial. N To: Mr. J.A. Shipment to NY requested. 6/14.	

ARKANSAS: TRIALS: 121-2

Number.	Date.	From or To—		Subject.
✓ 71768	6-21	NYS		Uncompleted work; recommends item, mica in boiler peep holes be stricken from list. N To---apd. 7/6.
✓ 71769	6-21	NYS	1314-2321	Dynamo condensing plant; reqt. be stricken from list and to satisfactory operation during recent trial. N To---Held in abeyance. 7/6.
71992	6-21	NYS	1313-2321	Uncompleted work; defective check plates in boiler furnaces; contractors claim that they cannot be required to repair or replace parts impaired during prelim trial when such parts have been supplied under change in contract. N To---Requirements. 7/19.
72108	6-24	Bd. I&S	1255	Prelim trial; fwds report. N To---Reqst list of uncompleted work. 7/6.
72351	6-28	NYS	1355-2321	Uncompleted work; relag fuel oil pipes; contractors object to doing work. N To---lagging of pipes not apd. 7/6.
72396	6-26	Dept	27235-260	Reports prelim trial; fwds; issue instructions re unfinished work. N Ret C&R 8/7
72714	W-3	NYS		Monthly report. N
73228	7-11	Bd. I&S		Post trial machy; fwds report. N
73628	7/17	Q&R	25313-E.16	Post trial examination of machy; reports. N Ret---7/18.

ARKANSAS: TRIAL PAYMENTS:

1912

Number.	Date.	From or To—		Subject.
64030	3-18	C&R	25313-E.1	Fwds notice from contractors prelim. trial will be held May 1st. N Fwd Dept noted. 3-20
64664	3-26	NYS	733-2308	Recommends ink copy of nopsis Hull and Mechy data be not furnished trial board. N To---Instructions. 3/27.
65840	4-6	NYS		47th payment; application. N Fwd Solicitor 121 4/8.
65960	4-9	NYS		Monthly report. N
67576	4-30	NYS	986-2308	Contractors reqt. trial June 4th. Recommends. N Fwd Dept. via C&R and 3d I&S. rec appr. 5/3.
67803	5-2	C&R	25813-E.3	Fwds reqt. from contractors to hold trial June 4. N Fwd Dept via Ord and 3d I&S. rec appr. 5/3.
67797	5-2	NYS	993-2308	Synopsis machinery and hull data; fwds for trial board. N To 3d I&S. Fwds copy. 5/4.
68269	5-7	NYS	1022-2309	Prelim trial; fwds plans showing location of instruments to be used on. N
68317	5-8	NYS		Monthly report. N

ARKANSAS: TRIALS: PAYMENTS: 121-2

Number.	Date.	From or To--	Subject.
68638	5-10	NYS 1050-2308	Prelim trial: fws print showing result of main engine shafting calibration and horse-power constants. N Fwd Nav. 5/17.
68692	5-13	NYS 1058-2308	Prelim trial; reqt. list of members of trial board. N
68693	5-12	NYS 1056-2308	Prelim trial; submits list of attaches of office who are to go on vessel. N Fwd Nav. 5/17.
68656	5/13	To NYS	Requests copy of machinery specifications for use of trial board. N Fwds specns. 5-14
69223	5-15	NYS 1092-2302	Trial: fws print showing shaft calibration for use trial board. N
69276	5-20	NYS 1095-2308	Recommends Chief Boatswain M. Fritman witness trial. N Fwd Nav. in conn. with 68693-121e2 of 17th. 5/22.
69280	5-18 5-20	Bd I&S Dept 961	Prelim trial: directs draftsman be detailed and necessary counters, etc. be fitted. N To NYS. Instructions. 5/22.
69373	5-21	NYS 1107-2308	Prelim official trial; contractors reqt. action on letters asking for list of officers and men who are to witness. N Fwd Nav. 5/23.
69577	5-24	Grampa T	Trial: reqt. names of officers, etc. who are to attend Fwd Nav. 5-24

ARKANSAS: TRIALS: PAYMENTS:

Number.	Date.	From or To--	Subject.
✓ 59060	1/19	NYS 154-2708	Prelim trial: fws contractors comments on report as to meeting requirements of Bu.N. act. changes: 1/122 To---Changes appd. (3 page letter). 1/26.
✓ 59196	1/20	NYS 161-2253	43rd payment: application. N (2) Fwd Solicitor. 1/22.
59655	1/26	To S&A, NY, NYS	Bailey counters for use on trials; shipment of. NY to NY. N - B. 2-13 Ret S&A. Shipment not required. 2/14.
✓ 60352	2-1	NY 3706-603	Bailey counters for trial: only 4 now on hand; these have been shipped; have 2 old type at yard; recd. instructions re shipment. N To---Shipment of a fifth will not be made. 2/8. To NYS. Same. 2/8.
✓ 60666	2-7	NY 314-2253	44th payment: application for. N Fwd Dept. (3 endorsements) 2/8.
✓ 60750	2-8	NYS	Monthly report. N
✓ 60846	2-9	NYS 336-2322	Prelim trial: asks if Bureau desires to recommend any particular brands of oil for use on turbines; understands "Texaco" gives better results than Vacuum Company's. N To---Fws copy annual contracts for oil; states what are satisfactory. 2/16.
✓ 61948	2-23	NYS 464-2308	Reports on operation turbines main air pumps, boilers, etc. during dock trial. N Fwd 3d l&s 2/26. R B 7-8
✓ 61947	2-23	NYS 460-2308	Fws contractors comments on instructions for final trial: particularly on measuring water rate gen. sets. and fuel oil. N To---Comments and requirements. 3/1 To---Fws curves of water rates. 3/5.

ARKANSAS: TRIALS: PAYMENTS: 121-2

Number.	Date.	From or To--	Subject.
✓ 62174	2-26	LYS 497-2308	Prints showing proposed arr. for measuring water during trial.N To---apd as mod.2/2.
✓ 62312	2-28	NYS 513-2308	Dock trial: furnace mouth cheek plates burnt out; contractors claim caused by poor firing; think defect is in arrangement plates: suggests be remedied before trial.N To---Approves rect that altering be deferred.3/18.
✓ 62311	2-28	NYS 513-	Dock trial: air pumps: show excessive vibration: have requested remedy: N
63010	3-6	C&R 25067-E.42	Constructors progress report Feb. N Fwd Dept. 3/6. R 3-18 Fwd NYS for compliance.3/18. R 3-18 Fwd Dept. 3/18.
63026	3-7	NYS	Monthly report.N To---approves substitution of steel studs for bronze in bonnets of main air pumps.3/9.
63036	3-6	NYS	45th payment; rect. N (2)Fwd Solicitor.3/8.
✓ 63345	3-11	NYS 629-2308	Rect. Instructions re indicating auxiliaries during trial trip.N To---Approves contra! rect to furnish duplicates of power curves of UTAP.3/13.
63488	3-12	NYS 639-1301	Bills for authorized changes; N
✓ 63910	3-18	NYS 673-2253	46th payment: application for.N Fwd Solicitor(2). 3/19.

ARK/NSAS: TRIALS: PAYMENTS: tec.

Number.	Date.	From or To—	Subject.
42909	7/6	NYS	Monthly report. N
43148	7/7	NYS	34th payment: application for. N. (J) to -- 10% reservation. 7/13.
43149	7/7	NYS	35th payment: application for. N (J) to -- 10% reservation. 7/13.
44885	7/29	NYS 1560	32nd and 35th payments: protests. N
44883	7/29	NYS 1559	31st and 34th payment: protests. N
45428	8/4	NYS 1602	Monthly report. N
45514	8/4	C&R 2511-E.209	31, 32, 34 and 35th payments: fwds protest. of contractors. N Ind De t. Reservations were made in accordance with Nav. Apprc. Act of Mar. 4, 1911. 8/8.
45778	8/4	NYS 1606	36th payment: application. N Fwd Solicitor. 8/9.
46205	9/8	NYS	Monthly report. N
48810	9/16	NYS 1900	37th payment: application for. N Fwd. Solicitor. -/18 (J) LYS date bills 15th of month 9/22

ARKANSAS: TRIALS: PAYMENTS: 121-2

Number.	Date.	From or To—	Subject.
✓ 49913	9/30	NYS 2030	vide contractors ~~of~~ claim for re-imbursment 6% on partial payments held up.N (J) Fwd Dept. Rec appr. 10/20 Regr. act. on 4-5 To Dept. reest action. 4/13 To---Not allowed. 4/18. RE 4-17
✓ 50434	10/6	NYS	Monthly report.N.
✓ 51671	10/21	NYS 2221	38th payment: application for.N (2) Fwd Solicitor 10/24.
✓ 52663	11 3	NYS 2390	39th payment: application for.N
52918	11/7	NYS	Monthly report.N.
✓ 55335	12/5	NYS 2707	40th payment: application for.N
✓ 55336	12/5	NYS 2708	41st payment: application for.N
55459	12/7	NYS 2740	Monthly report.N
56133	12/14	To NYS	Presl. trial: gives instructions re furnishing Trial Bd. with data. N
57935	1/6	NYS 35-2254	1912 Monthly report.N
58293	1/10	NYS 80-2253	42payment: application N Fwd Solicitor (2) 1/11.

ARKANSAS: TRIALS: PAYMENTS: ETC.

FILE No.	From or To— (Dated)	Subject.
36778 4/20	NYS 868	32nd payment: application for. N Fwd Solicitor 4/22. (L to -- Acct 902 limitation no paymt can be made. 4/25.
✓ 37434 4/29	NYS 940	Fwds protest of contractors against with- holding 30th, 31st and 32nd payment. N. Fwd Dept 5/2.
✓ 37705 5/2	C&R 25111-E.101	30th, 31st, and 32nd payment: fws letter from contractors protesting against with-holding. N Fwd Dept 5/4.
38203 5/6	NYS 999	Report prog. N
✓ 38857 5/16	C&R 25011-E.96	Fwds contractors notification of delay and increase cost for completion, caused by replacing certain armor plates. N. Fwd Dept via Ord. Concurs with 1st endor - ment. 5/18.
40674 6/7	NYS	Monthly report. N
40726 6/7	NYS 1255	Thirty-third payment: application for. N Fwd Solicitor. 6/9.
✓ 41973 6/23	NYS 1339	30th payment: fws protest from contrs. against reservation. N Fwd Dept. 6/26.
✓ 42634 7/1	C&R 25111-E7205	30th payment: fws contractors re reservation. N Fwd Dept. 7/3.



ARKANSAS: TRIALS: PAYMENTS: EXTENSION OF TIME: ETC.

FILE No.		From or To— (Dated)		Subject.	
✓ 28778	1/10	NYS	42	Monthly progress of work	
28879	1/10	NYS	44	28th payment: application for Fwd Solicitor 1/12.	
30414	2/12	To NYS		Throttling calorimeter not to be installed.	671--2
✓ 31099	2/7	NYS	268	Report of prog. for Jan.N	
✓ 31379	2/9	NYS	299	29th payment: application for. N Fwd Solicitor 2/11.	
✓ 31954	2/18	NYS	393	Throttling calorimeters for trial trip: states already received and will be unable to return to contractors. N	
✓ 33168	3/7	NYS	499	Monthly report prog. work.N	
✓ 33561	3/9	NYS	541	30th payment: application for.N Fwd Solicitor 3/13 (1) to -- in view of 60% limitation, no pay- ment can be made at this time on 31st, 32d and 33d installments. 6/12.	
✓ 34298	3/20	NYS	651	31st payment: application for. N Fwd Solicitor 3/22.	
35808	4/8	NYS	796	Monthly report prog.N	



121- 3

ARUNAS: ELECTRIC PLANT

Number.	Date.	From or To—	Subject.
✓ 429200	6/29 8/27	30 B S Div 6	Req. install telomotor indicator light at steering wheel on steering engines; install additional parts on steering emergency signal system etc Fwd Operation. 7-3 To CO- Gives detail action on items. copy to Comdr Bat Div. 6 and I.M. Nori. 7-14 BB 7/10
576170	7/21	1921 To CO	Fwd Annual report of Electric Plant Data L
591496	10/22	To CO	Annual report of Electric Plant Data for 121-5 1921 L
✓ 602263	12/28	CO	Request material listed be furn for re- wiring water tight doors. L
✓ 618041	4/10	New York	Fwd stores invoices covg various elec'l. apparatus. L Fwd S&A 4/20

ARKANSAS ELECTRIC PLANT

1922

Number.	Date.	From or To--	Subject.
✓ 649603	11/14	New York	And WYOMING Rsts electric prints be be furnished L N.Y. - Request action 11/28 L To Boston Phila - No. 1 - Pg Snd - MI Ask if tracings are on file co NY 12/7 To NY - unable to locate tracings - gives action taken 12/7 Boston 12/12 No Tracings on file L Phila 12/14 Tracings and vandykes not on file L are L.L. no plans on file. 12/16.L 12/15 Pg Snd L

ARKANSAS: ELECTRIC PLANT.

Number.	Date.	From or To--	Subject.
142609	11-28 12-11	CO NY 370-756-2	Submits estimate for elec repairs. L To NY--For recommendations. 12/22 NY discrepancy in approvals. 12-22 Rwd Dept--Comments. 12/29 To NY--Gives work appvd & disappvd. 12/30
152470	4-4	CO	Misc elec work required. L Rwd NY--For est and rec. 4/19 RB 4/30 Rwd Dept--Recommendations. 5/6 RB 5/8 NY T Rgt action 5/6 To NY--(T) Do not undertake relocation. 5/7 To NY--Gives action on. 5/8
153761	4-8 4-29	CO NY	Repairs to night signal set, engine room teleph telegraphs, screen speed light controller. L To NY--Gives action on. 5/3
165727	9-11	CO	Elec leads through turret base castings: report on examination. L
173703	12/4	CO	Rgt authority to turn in telephone storage boxes, wire, gyro compass, panel, searchlight controls push button type. L To Navgt--Informs of CO's rgt for authority to turn in old type gyrocompass panel. 12/16 To--Asks provision made for storing. 12/17
183906	3/27	CO	15 items of elec. repairs. L Rwd NY--For est and rec. 4/8 RB 4/26 Rwd Dept--Recommendations. 5/4 RB 5/8 To NY--Gives action on. 5/8
197325	8/18	CO	Changes required in connection with Turret Board. L CO further 11/3

ARKANGAS: ELEC PLANT. 121-3

1917

Number.	Date.	From or To—	Subject.
212732	1-22	CO	Alterations; elec; bells, additional tel service, switches for arc set lights on main deck, rewire standing lights, searchlight control, lighting circuit in radio station. L Fwd Dept--Rec appvl. 2/2RB 2-5 To Norf--Appvs esta. 3/19
276161	1-23	C&R	Installed battle signal station on gun deck mechanical control for searchlights. L
338815	8-21	To CO	Last info. in connection with Annual report of Electric Plant Data. L Battleship Force Div. ● - submits further report 9/9
388169	1/10	CO	Install switches - motor generator set - replace circuit breakers - wire anchor lights - L
To 4:30 Norf		Installation of submersible pump auth. copy to I.M. Ny. 5-5 To I.E. Norf- Plans appvd. 5-19	To NY- Lists work auth. 1-31 RB 2:18:19

ARKANSAS: ELECTRIC PLANT.

1912

Number.	Date.	From or To--	Subject.
85531	12-19	NYS	Omission of 12" powder hoists; fwds revised estimate dec.cost.L
85579	12-18	Ed on Changes,NYS	Omission of 12" powder hoists; dec.cost. N Fwd Dept rec appr.12/20. RB; appd To NYS:appd.12/20.
85580	12-18	ditto	Elec. work changing stateroom to bath. Inc.Cost. Y To NYS appd.12/20.
85585	12-18	ditto	Change in elec. installation magazines; inc.cost. N Fwd Dept rec appr.12/20. RB; appd To NYS: appd.1/3.
85586	12-18	ditto	Elec. work, changes in hawse piping; inc.cost.N To NYS appd.12/20.
88940	1-28	NYS 137-6910	1913 Elec. plans; reports on distribution. L. Fwd NY direct's check.1/31. RB; 1-12-13 To NY.fwds addtl prints.2/6.
92234	3-5	NY 370-756-1	Incidental elec. work in connection Hall.L.
92239	3/11	NY	Elec.Galley gear, recommends wattmeters be installed on, to determine amount of current consumed and that vessel be directed to report an efficiency of apparatus 654
92685	3-11	NY 370-756-2	Elec.work in connection additional vent. engine rooms.L.

ARKANSAS; ELECTRIC PLANT. 121---3

1913

Number.	Date.	From or To--	Subject.	
✓ 94900	4/14	To CO	Quarterly report of Elec. Plant. Apr. 1st: unsatisfactory items. Request be treated in request for repairs and alterations. L Reply. 4/15.	
102451	7/28	To CO	Quarterly report: steps taken to remedy defects fire room timing device meters, etc. L	
✓ 104752	8-30	NY 370-825-9	Test of turret auxiliaries; fnds report. L	
109919	11-10	TO CO	Rept. report on original installation, elec. leads running up masts, etc. and if any trouble due to induction from radio. L. CO in good condition 12-11	
112787	12/15	C.O.	List of elec. and forced draft blower work to be done by ship's force.	121--8
115413	1-17	NY 370-799-1	Elec work; turret system, indicators, additional telephones, switchboard; fnds est. L Fwd Dept. recommendations. 1/21. RR 123 To---appd. 1/23. Fwd Ord. 1/23. To Ord. NY to submit estimates on wiring. When received instrns will be issued. 1/31	
✓ 116559	1-24	NY	Changing of signal set; repair helix of radio; Rept JO be cancelled. L To---cancel job order. 2/3	
141671	11-28 12-8	CO NY 370-756-1	Overhaul searchlight control; gun circuits, mercury vapor lamps. L. To via NY--Further information recd. 12/11 To NY-- Appvs work under item 1. 1/7	

ARIZONA: ELECTRIC PLANT.

1912

Number.	Date.	From or To—	Subject.
64960	3/29	NYS	Electrical installation 12" turrets; concurs with recommendation of Inspector of Ordnance, enclosed. L
64993	3/28	C&R 25315-E.44	Electrical installation in 12" turrets; fws contractors' plan---satisfactory to Bureau. L
65540	4-5	NYS 817-2313	Changes recommended on amount reporting unsatisfactory elec. work on UTAH. L
65945	4-8	NYS 405-229	Casing elec. leads; fws prints showing location of all casings; recommends all leads all compartments be encased; also those in ammunition magazines and handling rooms, etc. not be encased. L
67457	4-26	NYS 469-3329	Fws prints elec. installation 12" turrets. L
68641	5-9	NYS 528-2112	48 hour test; elec/plant; fws. L To---1 rel. accepted, subject o. 6 mo. guarantee, except as stated. 5/18.
69196	5-17	NYS 567-2112	48 hour service test elec. plant; fws test sheet showing temperature of air in dynamo room. L Fwd C&R asks what steps will be taken re vent, dynamo room. 5-24 RB 7 18 Fwd Dept. 7/19.
71198	6-14	NYS 699-6116	Recommends certain elec. work be done after delivery; increase lighting, helm angle indicator, anchor engine, etc. L

ARKANSAS: ELECTRIC PLANT. 121-3

Number.	Date.	From or To—	Subject.	
✓ 71196	6-14	NYS 701-6116	Reports defects in elec. installation; recommends changes be made in future ships. To---Ack:6/17.	L
✓ 72098	6-23	NYS 772-2112	48 hour elec. service test; contractors agree to make re-test and rect. Authority to borrow necessary instruments from Phila. yard. To---NY 3&A. rect. shipment of Sangamo from NY to NYS.6/28.	
✓ 74004	7/20	NY 370-660-10	Sangamo watt meter for test of instruments; due to late delivery of recommends test for accuracy be made with volt and ammeter.L	
80292	10-15	NYS 1194-6910	Record of elec.appliances: rect.forms.L	
✓ 83529	11-25	NYS 1401-73329	12" powder hoist: omission of; dec.cost.L To---& Gen Insp. Dec cost.12/2.	
✓ 83530	11-25	NYS 1400-7297	Magazine cooling: inc.cost due to removal of and re-inst. llation of elec leads.L Fwd Dept Rec. appr.12/2. p.812 To---appd---To Gen Insp. inc cost.12/10.	
✓ 83617	11-26	NYS 1412-76714	Incidental elec.work in connection with changing hawse pipes: inc.cost. L To---appd.12/5. To Gen Insp.12/6.	
✓ 83618	11-26	NYS 1405-1325	Lard room bath: inc.cost changes in pulls and lhts.L To---authorized.12/5. To Gen Insp. inc. cost.12/6.	

ARKANSAS: ELECTRIC PLANT:

Number.	Date.	From or To—	Subject.	
47720	9/1	NYS 1013-229	Fwds plans of elec. installation in central wiring passage. L to -- approved 9/7	
V 48733	9/15	NYS 1074-9721	Reqt. chief electn. be detailed for duty in connection with L fwd Vavgn. appd. 9/19	
51274	10/17	C&R	Water tight casing over elec. conduit in bunkers and chain lockers. to Grampa. NYS. fwd C&R. Bu considers unnecessary.	488-3
V 53855	11/17	NYS 1301-206	Relative to encasing conduit, voice tubes, etc. through coal bunkers and chain lockers. L fwd C&R for comment. 11/22. L to -- S.E. interpretation of requirements satisfactory to C&R. 11/29.	
55563	12/8	NYS 1389-2329	Leads through watertight plate in turret base; submits print showing method of running L to -- Appd. 12/12.	
51108	10/14	Grampa	& WYOMING; gen. wiring, reat door be cut between distributing room and int. com. room	488-3
56978	12/22	NYS 1447-206	Casins for conduit and voice tubes, etc. to coal bunkers and chain lockers; fwds prints. L	
64931	3/29	NYS 328-2229	1912 Electrical installation 12" turrets. L Ret---4/1 BB-4-3	

ARKANSAS: ELECTRIC PLANT: 121 -- 3

Number.	Date.	From or To—	Subject.
59613	1/25	NYS 91-92112	48 hour test elec plant; asks if require- ments for JTAH will apply to L. To---30784-411-3 of 2/3/11 applies. 1/30. To Cramps. Re WYOMING. 1/30.
✓ 61553	2-17	NYS 199-6713	Fwds contractors comments on running concealed wiring where sheathing is used; contractors enter objection; Inspector states one example contractor purchasing material before approval of plans. L. To---Requirements. 2/23. Reqt. telegraphic action. 2-23
✓ 61839	2-21	NYS 212-229	Re casing elec. leads carrying more than 25 volts. L. To---Reqt sketch of all casings. 3/5.
61988	2-23	Ord 25350-12	12" turret: fwds plan covering elec. installa- tion; comments on indicators, lights, voice tubes, etc. L. Ret---Fwds copy of 62152-121-3. 3/6. R. 3-18 Ret---Direct's arr. similar to WYOMING. 3/25.
62152	2-20	NYS 210-2229	12" turrets: fwds plans of elec. appliances; invites attention to arr. lighting fixtures; voice tubes, etc. L. To---appd as mod. 3/6. To CAP. Reqt simi- lar changes on WYOMING. 3/6. R. 3-12 Fwd CAP. Fwds print. 3/13. R. 3-20 Fwd CAP. Fwds print. 3/22. To---Instruc- tions. 3/25. To---instrns. hoist signals. 4/6.
✓ 63368	3-9	NYS	Fwds print showing elec. leads back of casings and quarters on super-structure deck. L. To---appd. 3/12.
63730	3-15	NYS 706-671-3	Quarters on super structure deck: fwds b/p. L

14

FILE No.	From or To— (Dated)	Subject.	
32543 2/25	NYS 228-2812	D.P. 5-amp. switches and recepticals; relative to making changes in. L	
✓ 40137 6/1	NYS TO	Orders for elec. material, searchlights, switch-boards &c. States to not allow that plans have been approved. S. R.R 6-6	
42018 6/22	NYS 278-229	Fwds prints showing electrical installation in central wiring passage. L To -- Apprd as mod. 7/L.	
42433 6/27	NYS 796-229	Fwds prints of elec. installation of central passage. L To -- Apprd as mod. 7/6.	
✓ 43376 7/10	NYS 849-222	Fwds prints showing elec. installation in central wiring passage. L.	
✓ 43377 7/10	NYS 850-229	Ditto. L	
43605 6/19 7/23	Puc. Sd 2234 C&R 1805-L.116	VOID	



Number.	Date.	From or To—	Subject.	
✓ 648393	11/3	Atl Fleet	Recommends 3" anti-aircraft guns be installed during coming overhaul period L	
648281	11/6	To CO	Ship's Service Telephone- Auxiliary source of power- Requests inform L CO ARK-NS 5 11/14 Gives name plate data L	
639144	11/22	NY	Will remove 1 service telephone switch board for installation on ARKANSAS LY	121-8
642174	12/4	Atlantic Fleet	Fwds letter from CO ARKANSAS rel to alter- 121-4 ations to Cory transmitter of time firing device. L	

1922

Number.	Date.	From or To—	Subject.
651699	12/2	To Inspr mat besten	Repairs to forbes leg- sub signal Co- manufacturers- gives instrns L
653734	12/6 12/15	CO Atl Batt Force	Rqs auth to turn in 5* ammunition order indicators not used L
654275	12/19	Ordn.	Rel to numbering and grouping of addtl 3 inch AA guns- Rws Nr 60 Ordn 12/28

311

Number	Date	From or To	Subject
618941	4/19	Fwds CO	Time Firing Device cc Div 5- Comdr Battle- ship force L RB 5/3/22 L Fwds CC 5/6 RB 5/12 L
620065	3/3 4/21	CO C&R	Request voice tube installed in accordance with specifications to be issued on arrival of vessel at yard L Fwds C&R 4/29 L
623612	5/18	C&R	Copy of letter to New York Auth altera- tion to voice tubes. L
625385	4/28 5/15	10 Navigation	Request auth to install Belomus gyro repeater on flag bridge L Fwds Opns 5/6 RB 6/20 L Fwds USARPNS via NT Atl Fleet 7/1 L cc Atl Fleet, Navign, NY

ARKANSAS

INT COM SYS

1922

Number.	Date.	From or To-	Subject.
✓ 637561	8/7 8/11	CO Atl. Battleship Force	Alterations to target turret transmitter completed. L
✓ 639079	8/24	To S&A 854	Repts shipment of Batteries from Phila to 607 ARKANSAS L
✓ 645779	7/29 10/10	CO NY	Request repair torpedoes 136. L
✓ 648328	11/3	NY	Copy of letter to Ordnance requesting instructions re installation of target designators L

Number.	Date.	From or To -	Subject.
✓ 615443	3/6 3/24	CO Atl. Fleet	Request install battery cease firing gong contact makers as listed. To CO via C-1-C Atlantic Fleet Instln disapproved 3/29
615757	3/4 3/25	CO Atl. Fleet	Request install modern time firing transmitter and receivers. L Pw Phila cc CO 4/1
615758	3/4 3/25	CO Atl. Fleet	Request install modern ships service telephones switch and L To CO via C-1-C Atl Fleet 4/7
616140	3/6 3/30	CO Ord	Request install two battle order visual transmitters at primary torpedo control station. To CO Instln disapproved cc Div 5- Comdr Battle-ship Force- C-1-C Atl Fleet- Ordn 4/7
616140	3/6 3/30	CO Ord	Request install concentration indicator system to plotting room and forward after Jims. L To CO Instln disapproved 4/2 cc Div 5- Comdr Battle-ship Force- C-1-C Atl Fleet- Ordn 4/7
616141	3/6 3/30	CO Ord	Request install target bearing transmitters in fire control tower. L To CO Instln disapproved cc Div 5- Comdr Battle- ship Force- C-1-C Atl Fleet Ordn 4/7
616140	3/6 3/30	CO Ord	Request install two target bearing transmitters at primary torpedo control station. L To CO Instln disapproved cc Div 5- Comdr Battle- ship- C-1-C Atl Fleet- Ordn 4/7

ARKANSAS: INT COM SYSTEM. 121 - 4

Number.	Date.	From or To--	Subject.
616139	2/6 3/30	CO Ord	Reqd instal target angle indicators and transmitters in both tops and in plotting room. To CO Instln disappvd cc Div 5- Comdr Atl Fleet- C-I-C Atl Fleet- Ordn 4/7
616138	3/5 3/20	CO Ord	Reqd complete instal of range and deflection indicators in target officers booths. L To CO Instln disappvd cc Comdr Battleship- C-I-C Atl Fleet- Div 5- Ordn 4/7
616137	3/6 3/20	CO Ord	Reqd instal target designator from range keeper in plotting room to target bearing transmitter in each top. L To CO Instln disappvd cc Div 5- Comdr Batt- leship C-I-C Atl Fleet- Ordn 4/7
616136	2/5 3/30	CO Ord	Reqd install battle order visual receiver at torpede tracking room. L To CO Instln disappvd cc Div 5- Battle- ship- C-I-C Atl Fleet- Ordn 4/7
616135	3/5 3/30	CO Ord	Reqd install auxilliary target bearing transmitter in plotting room. L To CO Instln disappvd cc Div 5- Comdr Battleship Force-C-I-C Atl Fleet - Ordn 4/7
616134	3/4 3/30	CO Ord	Reqd install add'l secondary defense contact makers for cease firing range. L To CO Instln disappvd cc Div 5- Comdr Batt- ship-C-I-C Atl Fleet- Ordn 4/7
617275	3/5 3/6	CO Ord	Reqd install fire room emergency alarm. L To CO Instln disappvd cc Div 5- Atl Fleet- NY- Operns 4/11

ARKANSAS; INT COM SYS

1920

Number.	Date.	From or To--	Subject.	
✓ 506186	7-21	To Pug Snd (77)	Gives list of avd changes by 1919 ship Id's control report for vessels listed CC CO's C-1-C Pac Fleet L.	
	see 131-4	card 27		
487416	7-20	ARKANSAS	Have requested Phila yard to furnish plan of indicator panels: L	589-12
551512	11:27	C&R	Evershed and Chabbourne control-fvds prints. L	
558676	4:16	NY	Request expedite action and approval of Cory drawings showing ic switchboard. L ~~To CO Disappvd~~	
✓ 559482	4:23	CO C&R	Request standardized voice tubing in 12 inch turrets. L Fwd Pug Snd 4/30 45-6:14-L Tower 4/30 To C&R Gives action 5/17 Fwd C&R 6/25 RB 7/5	
556696	4/18	CO	Reqst new type Western-Electric fire control telephones L To CO Disappvd 4/26	
568030	6/10	To Pug Snd	Authorizes instln of auxiliary current supply for broadside director follow the pointer system cc CO's WYOMING ARKANSAS NEW MEXICO MISSISSIPPI IDAHO TENNESSEE C-1-C Atl Fleet L	562-4

121-4:ARK.MS.S: INT COM SYS:

Number.	Date.	From or To--	Subject.
5702114	6:28	C&R	Copy of telegram to Reg Sd disapproving alterations to turret wiring
583629	8:19	CO	Reqt increase in allowance of fire control telephones-L To CC Gives Change in Allow- cc SC- CO (L- Ly To CC Gives change) cc SC- Yes 9/24
600054	11/21 12/10	CO Atl. Fleet	Request auth to rewire water tight fire alarm system-L To Atl Fleet Grants Authority cc CO- NY 12/21
✓ NY Enr; Rqn 48 12/10 To Insp't Mat Boston			Rep. lrs of Toria's Log equipment Gives Action rel cc Est Signal Co Boston- Boston- NY DR
		1922	
615441	3/6 3/24	CO ARK/ Atl. Fleet	Request install cease firing song in plotting room-L To CO via C-I-C Atl Fle t Instln disappvd 3/29 To CO via C-I-C Atl Fleet Instln disappvd 3/29
615442	3/6 3/24	CO Atl Fleet	Request install fire control telephones circuits from secondary battery control system-L

ARKANSAS: INT COM SYS

Number.	Date.	From or To--	Subject.	
✓ 430702	6/16 7/5	CO Ordn.	Subm recommendations rel to reduction of work and install follow-the-pointer system and range keepers. L. Fwd I.M. Norf. 7-11	
447085	9:23	Pug Sd T	Request authority to assist ships force on rearranging instruments on switchboard on WYOMING AND ARKANSAS. L *o (2) - Auth granted assist ships force ARKANSAS and WYOMING rearrangement plotting rooms.	9-24
449284	9-29	Pug. Sd.	Reqst status of job orders covg fire control changes. 10- Gives status of job orders. 10-7	L
✓ 449888	10:2	Pug Sd	Request instructions in connection with additional fire control telephone for WYOMING & ARKANSAS to Comdt Pug Sd- No changes to be made in present fire control telephones pending receipt of report from board appointed by C-C PAC FLT to investigate and recommend changes on WYOMING & ARKANSAS. 10-11	

Number.	Date.	From or To--	Subject.	
✓ 453727	10-23	C&R	Copy of letter to Pug Sd fwdg print showing proposed arrangement of searchlight and torpedo defense platform with detailed comments.	L
✓ 461894	12/6	Battleship Div. 6 Copy	Reqst turret 5 be specifically designated as controlling turret ~~WYOMING~~ & ARKANSAS Ord-have issued orders to Pug Sd-12:18	- L
✓ 463407	12:15	Ord	Copy of letter to Pug Sd stating material issued for No. 3 turret for control purposes will be used in fitting No. 5 turret. To Comdt Pug Sd- incidental elec work auth. copy to PAC FLT WYOMING ARKANSAS 12-17	
✓ 463453	12:15	C&R	Copy of telegram to Pug Sd authorizing necessary alterations to voice tubes on ARKANSAS & WYOMING to permit turret fire to control after group.L	
			-1920-	
✓ 471231	1/15	CO	Battery for gun firing and I C motor generators - asks if vessel will be supplied with - L To S&A- Reqst shipment storage battery and circuit breaker from Norf to Pug Sd. S&A-3-8 Fwd S&A. 3-15	1-28RB 1/31/
414 4821572	3:29	Pug Sd	Submits estimates covering constrn of new bridge for NY ARK AND WYO.	131-4

ANNEXES: INT COM SYS.

1919

Number.	Date.	From or To—	Subject.
394940	2/13	Norf	Plotting room - rearrange out of instruments - To CO - Fwd's prints for changes to be marked. 2-26 copy to Norf. 2-26
395206	2/15	C&R	Copy of letter to NY and Norf fwding print showing rearrangement of plotting room - L
397828	2/12 2/25	CO C&R	Voice tube work in connection with replace - ment of 5 inch guns. Fwd C&R. 3-12 C&R copy of let. to Norf. auth work. 3:21
401341	2/16 3/10	CO C&R	& WYOMING - submits summary of work necessary to enlargement of plotting room - L Letter of 4-1 for information desired. 4-2 lines appvd. copy to WYOMING ANNEXES Bat. Force 2 - Bat. Div. 6 and C&R. erry fire control system - coils if intention to omit target bearing transmitters - L
402431	3/13	Norf	
403216	3:8	CO	Rec. install buzzers telephone check boxes etc at guns. alter buzzer circuit Fwd Operation via Ordnance. 3-22 RB 6/9 L To Operations via Ordnance. Inform when may expect reply to 3-22nd. 6 3 Ordnance 6/3 Fwd Ordnance. 6-12 RB 6/16 to CO - Lists action on items. 6-12 copy to I.M. Copy of let. to Norf. fwding print showing enlargement of plotting room L
408707	3:18	C&R	

ARKANSAS: INT COM SYS

499

Number.	Date	From or To—	Subject.
404456	3;20	Norf.	Torpedo Defence Salvo Signal sys. switch alterations fwds prts D
404844	3;22	Norf	J. W. outlet in tpdo. room fwds wiring diagram L To- Plans appvd. 3-27
404809	3/22	Norf	Sperry fire control and peer range keeper system - fwds prints - L To- Plan appvd. 3-28
410093	4;5	CO	Rearrangement of plotting room instruments fwds prts L To CO- Action on plan withheld pending receipt of 1919 Fire Control Board's report / copy to I.M. Nurf. 7-9
414212	4/25	Norf	Sperry fire control and Ford range keeper system - f.w.s. prints - L To- Plan appvd. 5-3
415745	5:1	Norf	Req. prints of elementary wiring diagram drawings instruments L Fwd CC 5-26 RB 7/5 To CC- Regts copy of your letter of 12-6-18. 7-8 Fwd I.M. Nurf via Operations. 7-31 RB-7:22
		Fwd Ordnance. 5-7 RB 5:12	
		Fwd Ordnance. 5-15 RB 5:17	
		Fwd I.M. Nurf via Ordnance and Operations. 7-19 - R3-7:29	

ARKANSAS: INT COL SYS.

Number.	Date.	From or To—	Subject.
382057	12/5	CO	In connection with enlargement of plotting room - recommendations for - L
382981	1:6 :	Norff.	Ammunition supply indicator system fwds pts L
383997	1:9	J&R	Copy of endorsement to Norff. fwding. plan showing proposed alterations to plotting room L
✓ 384016	1:8	Submarine Signal Co	Regst. auth. to make insp. and repairs to Forbes Log installed on L
393388	2/7	Sub. Signal Co	& FLORIDA - fwds inspection blanks - IC

1919

ARKANSAS: INT COM SYS. 121 - 4

Number.	Date.	From or To--	Subject.	
384278	12/5 1/10	CO C&R	Install new voice tubes and incidental in connection with C&R alterations - L To C&R re alterations- recom on items	SE work 1-14
385209	1:11	Nor.	Confirms phone cony. listing parts need to repair Forbes log signal set - L	
384065	1-11	To CO phone	Comments re reqst for repairs to-	
382981	1-14	To Norfolk	Approves plan 5499-B, re turret ammun indicator system for subject to emitting words "Central station" and Conning tower" Norf - fws prints ammunition supply indicator system - 1/21	
Bu 1101	1-17	To Com Off. Ark.	Request prepare reqn for repair parts.	
> 390406	1:30	Nor	fws print showing fire control telephone To Norf- Plan ap. vd. 2-5	L
> 391379	1:23 2:3	NY C&R	ARKANSAS & WYOMING enlargement of plotting to m. fws print showing Fwd C&R. 2-12 copy to Ordnance.	

ARKANSAS; INT COM SYS.

Number.	Date.	From or To--	Subject.
321285	6/26	CO	Request wire broad side telephone circuit and broad side salvo system from contact maker. To C O (T), approved, 6-28 To C O (T), approved 6-29 To C O (T), approved 6-29
321370	6/27	Ordn	Cons of letter to Norf authorizing installation of training receivers on broad side director firing - L
323910	7-9	To S&A	Recd shipment telephone set from Hampton Roads to Norf. L 7-19
325085	7-11	To Norf. (T)	Storage batteries authorized L 10-1 7-15
325354	7/13	Norf	Confirms telephone conversation asking if tests of ship would be omitted from Arkansas only - request ship side lanes for - L
332997	8-1	C&R	Modernized bridges - fws print. L
337276	7/9	IN	Relative to shipment of Sperry & Ford instruments - L

Number.	Date.	From or To—	Subject.
341124	8/27	To CO	Comments and recommendation are desired re fire control telephone cord L
343260	8/29	Norff	& OKLAHOMA - plotting indicator - fws plans - L To Norff. Plans listed approved, 9-11
343487	8/20 8/31	Norff O&R	Pneumatic tube installation - fws print - L fwd O&R, 10-10
348210	9-12	Norff.	Switch board addition and current supply for broad side director rolls, the pointer system. L
352696	9:30	Joint Corp.	Back 9 - L Fwd O&R via O&R, 10-11 O&R Dec. 4 - Copy of letter to NY and Norff. authorizing work
354245	9-20	Norff	Additional plotting indicators fws print L
341124/11/10/4			
365072	11:2	Gunnery Exercises	Is torpedo offense submits report on material report of Material, 11-9

Number.	Date.	From or To—	Subject.
29022	3-10	CO 2	Forbes log - request Sub Signal Co's representative for Sub Signal Co - will have Mr Vaux calibrate log - 3/21 - 1 To Sub Sig Co (T) - Send representative on board Sunday - high path to calibrate Forbes Log. at New York: 3-20
✓ 295286	4/3	Sub Signal Co	Calibration of Forbes log very satisfactory - Y to Ordnance - Installation of Forbes Log is proceeding in a satis manner. 4-10
297008	4-20	To Bu Ord	Range and deflection visuals for plotting room only on ARILONA; there are two visuals installed on PENN. Instr will be issued to N.Y. authorizing wiring for plotting room visuals only - 1
271816		CHMD 23	CO - Submits report of loud speaking telephones to turfets - Copy type. 5-26

121 - 4 ARKANSAS: INT COM SYS

1918

Number.	Date.	From or To—	Subject.
✓ 316064	6-6	CO	Request ear cushions for UTAH type telephone. L Fwd C O Via, Force 2, and Dir 8, U-21
✓ 316213	6-9	Atl Fleet Force 2	Fwds rough sketch showing dimensions and arrangement desired in flag officers plotting room. L
316426	6:12	Inspr Lake <u>WRONG ENTRY</u>	Fwds contractor's recs for 19th and 20th payment. K
316427	6:7	C O	Submits monthly report. L
> 318121 Ordinance station June 1st.	6-18	De t Copy of telegram to Norf pro side director ear ship	Copy of telegram to Norf and Atl Fleet stating ship will be made available at Norf at once for installation of Broadside director system. J Phone to I. Commenting on status of elec work 6-22
Y 4553	6/20	To Co Arkansas	Having this order of ear cushions expedited. LS
320256	6-24	To C O	confirm telephone conversation reshipmt ear cushions L

ARKANSAS: INT COM SYS.

Number.	Date.	From or To—	Subject.	
251643	9/20 9/27	CO C&R	Alterations to voice tubes - L Fwd C&R. Recommends that permanent voice tubes be installed. 10-5	
✓ 257118	10/26	Norff	Fire control changes, telephone and salvo fwds prints L	
✓ 267230	12/13	Norff	Turret ammunition indicator system - fwds print L	
✓ 267764	12-14	CO	Wire plotting indicator. L To- alteration not considered practicable.	12-2 7
267345	12-13	Phone NY	PENNA & ARKANSAS. Yard rected permission to install wiring on, for system for sending the director connection to the plotting room automatically. L	647-1
✓ 266894	12/21	NY	Broad side director follow the pointer system - fwds prints - L To (T) plans apvd. 12-22	
✓ 271024	12/24	CO	motor 5 inch ~~gun~~ and auxiliaries removed and turned in at NY. L	

121 -- 4 ARKANSAS; INT; COM; SYS:

Number.	Date.	From or To--	Subject.
271816	1-8	To NY & CO	Land speaking telephone. Auth granted to purchase one callophone. Ent. No. 1-1
CO - L 4-1		plotting rooms and turrets	to Co- eqts furnish report on action
provided by land speaking phones is			loud phones. 2-20 & NY - preferable. other types. 5-15
good results. 1 & Y 5:2			NY - fws plan wiring for callophone and
to CO - infor if communication between			Cory forms. 1 2-23
273908	1/8	NY	NY - installation not yet complete 5/25 - L
			Request additional interior communication
			storage battery - L
			To- 1-23
277024	1-24	CO	Requests automatic dead reckoning instruments.
278975	2-6	To ARKANSAS	Radium luminous paint for application to bridge instruments. Directs hold tests of L 757.
279355	2-7	ARKANSAS	Chas Cory & Sons - fws report of their representative on inspection of speed indicator system on the ARKANSAS
282829	2-16 2-18	CO Atlantic Fleet	Wiring for spares - tracer. L w. NY- 2-20 R B 2/27 - L
286464	2-25 3-4	NY C&R	& WYOMING - broadside director firing - fws paint. L wd Ordnance. 3-12

ARKANSAS: INT COM SYS.

Number.	Date.	From or To--	Subject.
219648	1-22 2-8	CO At Ft	Submits proposed ship control indicators -plan; asks authority to install; C-in-C recommends against until after present installation is given thoro trial. L To--Disapprs. 4/5
220633	3-30	NY	Director control firing system; plan: L
226848	5/7	To Norf	Engine order telegraph system. Auth install of on. Reqt plans and ests. L
	To--A, pvs est. 6/12		Norf - submits estimate 5/28 L To Norf--Directs revise ests. 6/1 Norf - submits estimate 6/8 L
227150	5/4	CO	Electric engine order telegraph - request authority to retain one installed by ships force as an auxiliary L Fwd Atl Flt--For comment and rec. 5/11 RB 5-26 To NY--Reqt ests and plans covering install. 6/1 To Norf--Ditto. 6/1
225208	5-7	To NY WYOMING	Install of electric engine order telegraph system appvd for. Reqt plans and ests. 488-4
Bu 21	6/1	To NY	Ask number of contr on which Type HBB telephones for and PENNA were purchased. IR

ARKANSAS: INT COM SYS.

Number.	Date.	From or To	Subject.
✓ 238075	7/9	CO	Storage battery for gyro compass installation - request L Fwd Hagen—7/16
✓ 239586	7/19	Norf	& NEVADA engine order telegraph system - fwd prints L To—Plans appvd. 7/23 Norf - fwd prints 6/6
✓ 241176	7/27	CO	Reports on status of fire control telephone L To—8/6 CO request authority to retain 20 of the best fire control telephones now on board 11/5 To— after reqt to Comdr-in-Chief. 11-13
✓ 241866	8/1	Norf	Target bearing target turret and multiple indicator system - asks if to be done by ship's force or Yd L To—Gives action. 8/7

ARKANSAS: INT COM SYS.

Number.	Date.	From or To--	Subject.
✓ 205411	11-6 11-13	NY C&R	& WYOMING: voice tube changes; Fwd C&R--11/22
✓ 205985	11-18	C&R	Additional voice tubes for fire control.1 To--Rec disappvl. 11/28
207485	12-4	CO	Request reconsideration disa proval of Voice tubes.1 Fwd C&R--12/12 C&R copy of indorsement to NY 12/13
✓ 207230	12/6	To NY	Directs examine shaft revolution indicator and report and rec be submitted in regard to same. 1 CO fws data requested 12/26
✓ 207657	12/7	To NY	ARKANSAS. Bu Directs get in touch with mamirs and purchase 12 relays suitable for operating director firing system on 15 volt A.C. transformer secondary of gun firing transformers in the turrets of. 1Y
		Fwd Ord--For comment. 1/30 RB 2-16	
		Fwd Ord--for further information	
		RB 2-27 2/20	
		Fwd NY--3/10 RB 3-17	
		To Ord--Fws duplicate prints of	
		Ordance Drawing 53074. 3/23	
		To NY--Acknowledges drawings. 3/23	
207997	12-8	NY	NY fws wiring diagrams 1/19 New fire control instruments being furnished by Sperry Co. will not be supplied in time for installation during present overhaul.1 Fwd Ord--12/15 RB 12-16

ARKANSAS: INT COM SYS. 121 -- 4

Number.	Date.	From or To—	Subject.
✓ 208040	12/9	To Sperry Co	Reqt copy Vandyke tracing plan 24929. as finally appvd for use on. 1/2 Sperry Co fwds vandyke 12/14
209830	12-6 12-21	CO NY	Relocate interior communication panel. 1 Fwd C&R—Rec appvl. 1/2 To NY—Appvs est. 1/2
✓ 210646	12-26 1-5	NY C&R	Fire control voice tubes; apparent duplication. 1 Fwd C&R—1/11
210925	1-6	NY	Sperry fire control system; fwds modified plan
✓ 211471	1-10	CO	Telephone field sets; have only one set on board; 2 shipped via Hancock for OLYMPIA. 1 Fwd S&A—Noted. 1/18
✓ 213597	12-28 1-29	CO At Ft	Fwds description and plans of proposed ship control station indicator which they desire to test; Fleet commander recommends against until present installations are given thorough trial (New card - indicators, ship control) To via Atl Flt. - In feasible, will take up later if reports show system necessary. 2/12

ARKANSAS: INT COM SYS.

1916

Number.	Date.	From or To--	Subject.	
187059	5-5	NY	Director firing system; wiring diagram. L To-- Appvs. 5/10	
186882	5/1	NY	Voice tube changes required by fire control report; fwds	488-4
186823	5/5	To NY	Auth incidental elec work in connection with shafting of bulkhead between plotting room and sub	488-4
187360	5/9	C&R	Enlargement plotting room	488-4
190731	5-18 6-3	NY Dept	& WYOMING; alterations to flying bridge; work auth. L Fwd C&R--Noted, 6/21 To NY--Reqd estimates covering SE changes. 6/21	
193692	7/15	NY	& WYOMING; alterations to flying bridge; fwds plans and estimates. L Fwd C&R--Fwds plan for comment. 7/18 RB 7/26 To-- Appvs. 7/28	
194196	7/15	CO	Elec engine room telegraph indicators; fwds description of apparatus installed by ship's force, designed by Chief Mach. R. S. Nourse. L Fwd Atl Rlt--For comment and rec. 7/26 RB 8/11 Fwd Dept 8/31 RB 9/5	

ARKANSAS: INT. COM. SYS. 121 — 4

Number.	Date.	From or To--	Subject.	
✓ 194204	7/21	C&R	& WYOMING; voice tube changes required by fire control board; fwds print. L Retd-- Change satis. 7/25	
✓ 194508	7-25	To CO.	Telephone storage boxes; re stowage of. L	
✓ 196424	8/5	CO	Request pneumatic tubes between main radio room and flag office, for delivery of radio telegrams. L&W Fwd C&R--Rec tubes be installed. 8/15 RB 9/22 Fwd C&R--9/29	
197546	8-24	TO NY	& WYOMING; engine revolution telegraph system; re installing motor tube. L NY submits estimate 9-8 Fwd Dept--Rec ar y. of. 9/13 RB 9/15 To NY--Appvs installation. 9/19	
199785	9/18	NY	Fire control changes; fwds plan. L	488-4
203451	10-19 10-21	NY C&R	& WYOMING; torp defence stations. L Fwd C&R--10/30	
205231	11-10	NY	Request instructions relative to removing engine revolution telegraph instruments from conning tower. L To--will be removed from. 11/15	
205238	11/10	Ord	Turret firing; new instruments for training turrets in connection with director firing; recommends Sperry instruments on ARK be modified for test	647-5

1916

ARKANSAS: INT COM SYS:

Number.	Date.	From or To--	Subject.
✓ 175954	1-11	To Cory & Son.	CO submits recn for 2 spare gears for the shaft revolution indicator system; states gears stripped after short time in use; recn matter be investigated. L Cory & Sons comments 1-13
177734	1-31	NY	Cory averaging revolution indicator; request Bu's file numbers for L
	2-7	To Ports.	Recon 1118: ship's service telephones; re non-watertight ringers for. L-R
181074	3-1	Ord	Directs replacement of 12" guns. L Rwd Dept via C&R-- SE Port Dept. 3/9 To NY--SE work authorized. 3/9
182917	3/27	To Nav	Bu has reqtd NY to submit plans and estimates covering changes in fire control system; will involve installation of one repeater compass; asks if Bu will furnish instruments 488-4
183167	3-29	NY	Shaft revolution indicating system; Cory type; submits suggestions for installing: L To--approvs rec to remove shafts and install gears and silent ch in. 4/1
183174	3-21	CO	Relocation of instruments in plotting room. L Rwd C&R-- 3/31 BB 4/4

ARKANSAS: INT COM SYS. 121-4

Number.	Date.	From or To—	Subject.	
183510	3-22	CO	Torpedo defence; requirements for.L Fwd C&R—4/10	
183803	4/4	NY	Director control and firing systems; fws general wiring plan.L	
183799	3/26	CO	Reqt authority to turn in telephone apparatus.L To— Auth to store. 4/6	
184708	4/12	CO	Megger testing set; reqt.L	
184888	4-15	NY	Turret teltele and danger zone system; reqt authority to remove.L To—Appvs. 4/18	
185220	4-28	NY	Director control and firing system; plan and estimate.L To— Appvs with modif. 5/1 NY revised wiring plans/ 5-11	
186203	4/27	NY	Fire control changes; plans and estimates	488-4
186307	4-28	CO	Telephone stowage boxes; reports excess number on board.L To—Bu has prepared reqn for 15 portable leather boxes for; appvs turning boxes into store. 5/4	
186412	4/19	Plotting Room Board	Enlargement of plotting room	131-4
186445	5/1	C&R	Enlargement of plotting room	488-4

1915

ARKANSAS: INT COM SYS:

Number.	Date.	From or To—	Subject.
147615	2-18	To NY.	Turret local fire control and gun firing system; recd plans and estimates for. L
147629	2-18	To Ord.	Turret local fire control and gun firing system; have recd NY to submit plans and estimates for. L Ord Satis 2-25
✓ 148845	3-3	NY	Turret train warning signal system; est inc cost. L
149250	3-C	NY	Turret local fire control and gun firing system; plans and estimates. L Fwd Dept-- Rec apvl. 3/11 RP 3/18 To Ord-- Fwds plan for comment. 3/11 RB 3/18 To 71a Ord-- Active installation. 3/24 To-- Fwds modified plan. 5/26
150742	3-17 3-20	CO Ord	Reckon consideration of disc approval of items on survey; vol a tube between range gun and turrets, and light set for turrets. L Fwd C&S-- Recommendations. 3/31 RB 3/10 Fwd Ord-- Rec modifications in. 5/11 RB 5/22 Fwd C&S-- 5/24 RB 5/24-6-2 Fwd S&R-7/15 Fwd Dept-- Noted. 6/4 RB 7/15
151243	331	NY	Turret local fire control and gun firing system; Fwds wiring diagram. L To Ord-- Fwds vandyke of. 4/5
✓ 151499	4-5	To CO.	Cease firing cong system; rec be divided into two groups, one for turrets and other for broadside guns. L
406	3/20	Cory & Son	Revolution indicator system; agrees to change without change in cost

629

ARKANSAS: INT COM SYS. 121-4

Number.	Date.	From or To--	Subject.
153476	4-4 4-19	GO G&R	Reqt additional fire control voice tubes.L Fwd G&R--Recommendations 5/6
14848	4-13	NY R	Reqt authority to install rudder indicator of motor type. L Fwd Dept--Rec disappyl of. 5/13 RB 5/25 To--(R) Disappvs. 5/16
156315	5-28	GO	Reqt authority to turn in combination shaft revolution indicators.L Fwd NY--Appvs: call survey on. 6/1
156976	6-5	NY	Turret local fire control and gun firing sys: fwds print wiring diagram.L
Reqn 78	7-14p	To NY.	Reqn 78 covering material for turret local fire control system; reqt work be held up pending new system now in course of development. L-R
162539	8-4	To NY.	Turret local fire control and gun firing system; fwds print for use as guide in preparation of plans of. L To N.Y. gives dat re Cory 8-10
162596	6/16 8/4	GO Ord.	Director firing, wiring diagram; reqt.L Fwd NY--Reqt estimates covering cost of installation. 8/6 RB estimates 8/20 To NY appvd 8-20
175817	1-7	NY	Cory average resolution indicator: fwds tracing showing installation.L To--Ack receipt of. 2/3

ARKANSAS: INT COM SYS.

1914

Number.	Date.	From or To—	Subject.
✓ 128749	8-25 8-14 8-29	Cory & Sons CO NY 370-655-2	Rudder angle indicator transmitter defective: Recommends new transmitter with enlarged contact surface be purchased. L To CO & NY. reqn has been submitted for. 7/20.
137041	8-20 10-5 10-14	CO NY 320-665-2 Nava	Duplicate master compass; installation of second; recd recommendations; location in forward distribution room. L To NY-- Instructions. 10/15 Fwd C&R-- Instructions have been issued. 10/16
138505	10-29	NY	Master gyro compass; duplicate; fwds plan. L
139341	11-16	CO	Reports shipment of fire control telephone transmitter to H-C Co. L
140007 VOID	11-19	NY	Target bearing, torp firing, and optical range finder systems. Fwd wiring diagrams. L
140990	12/2	NY	Modification of conning tower, incidental in connection with. L
140996	12/2	NY	Estimates for incidental SE work in con- nection with C&R removing present conning tower foundation plates. L To-- (R) Appvs. 12/3
141464	11-30 12-7	CO C&R	Install voice tube with call bells between flag, bridge and flag lieutenant's room. L Fwd C&R-- Recd appvl. 12/10 To NY-- Instructions. 12/10 Fwd C&R-- Bu has appvd. 1/16 To NY-- Appvs. 1/16

ARKANSAS: INT COM SYS. 121-4

Number.	Date.	From or To	Subject.
142277	12-14	CO	Reports fixing transmitter button fire control telephones to H-C Co. L
112678	12-14	NY	Conning tower; re-location of instruments estimate. L To-- Appvs. 12/23
143041	12-18 12-24	CO Navgn	Gyro compass; recommends duplicate master compass be installed in central station. L. Fwd NY-- 12/28 CO 112
143437	12-30	NY 370-655-10	Shaft revolution indicators; submits report on Cory type; states not suitable for use on ships of Navy. To-- Recd estimates for installing differential gearing on shafts. 1/4
144460	1-13	NY 21-704	& UTAH; shaft revolution indicating system; submits detailed list of gear, etc. required. estimate. L Fwd Dept-- Rec appvl. 1/15 To-- Work auth. 1/27
145176	1-15	CO	Reports return of modified telephone from H-C Co. Satis. L
145674	1-27	NY	Conning tower; relocation of instruments; fws sketch showing To-- Appvs with mod. 1/30 To Ord-- Fws print for comment. 1/30
146105	2-1	Ord 6668-260	Conning tower; relocation of instruments. L To NY-- Fws su Ord comments. 2/5

ARKANSAS: INT COM. SYS.

1913

Number.	Date.	From or To—	Subject.	
113323	12-22	CO	Fire control telephones; reqt. work be taken in hand immediately. L To H-C Co. expect to begin work about Jan. 15th. 12/24	
✓ 113912	12-19	CO	Reqd new pipe line for operating Cummings Engine Room Counter on bridge using larger size pipe. Cummings instruments has operated satisfactorily. Y	
1914				
✓ 115434	1-7 1-17	CO NY	370-670 Change voice tube communication with engine room and bridge from quarter deck. L Rwd Wk. approves cancellation of job Order 2-A-123. 1/20.	
115413	1/17	NY	Elec. work, indicators, telephones, switch-board.	121--3
✓ 115656	1-20	CO	Fire control telephone; reqt. modification be undertaken at once. L	
114760	1/20	To CO via S&A	Fire control telephones; directs shipment to H-C Co. for change of type.	647-10
✓ 115661	1-19 1-22	NY C R	28493-E.42 Modifying lead of 4" voice tube between range finder and sub-central sta. L Ret C&R. 1/23	

ARKANSAS: INT.COM.SYS. 121-4

Number.	Date.	From or To--	Subject.	
✓ 115874	1-24	Ord 26668	Aylward range and deflection instruments not satisfactory: rectify number of wires be increased to 27 for Cory instruments. L NY (T) can install before ship leaves 1-24 (T) to NY asks if can install before ship leaves hard. 1/24. To Ord. Have telegraphed NY. 1/24. To NY & Ord. Installation of wiring author- ized. 1/26. Memo for Dept. request NY be given auth. to purchase material from Cory. 2/4	
116432	1-27	NY 370-960-6	Shift voice tube band; officer of the deck. L To---cancel job orders item [518] 2/2	
116779	1-29	NY 320-799-3	Additional work required on telephone installation and target turret indicators. L	
116820	2-4	Dept	Copy of telegram authorizing purchase of panel and switch for fire control. L	
162	2/21	H-C Co.	Fwdg. copy of corres re order for fire con- trol telephones NEW YORK & ARKANSAS	629
162	2/24	H-C Co.	Copy of letter to ARKANSAS re changes in F-C telephones.	629
119715	?	CO	Reports receipt of altered fire control telephones from H-C Co. L	
119953	3-12	CO	Reqt authority to turn in old type fire con- trol telephones. L Fwd Ord. 3/18.	

ARKANSAS: INC.COM.SYS.

1912

Number.	Date.	From or To—	Subject.	
85581	12-18	Bd on Changes, NYS	Call bell and telephone leads; change in engineers office; inc. cost. N To NYS appd. 12/20.	
85582	12-18	ditto	Bell in paymasters office. Inc. cost. N To NYS. appd. 12/20.	
			1913	
95344	4/9 4/19	NY 370-820-6 C&R 25313-2.22	Install motor generator for gyro compass; install gyro compass repeater; S.E. work in connection with. L Fwd Nav. 4/22	
✓ 96390	5/2	Ord. 26668-151	Relative to the changing of fire control installations to accord with the grouping of searchlights. L Fwd NY. comment. 5/6. PB 5-10 Fwd NY. request estimates. 5/21. PB 5-27	
✓ 96949	5/8	NY 370-365-4	Recommends Leads & Northrop's offer to re- pair temperature indicating device at no charge except transportation, be ac- cepted. L To-NY- re shipment 5/12 To-S&A reqt. shipment 5/12	
97233	5/14	To	HELM ANGLE INDICATORS, reqt report on efficiency	665-5

ARKANSAS: INC.COM.SYS. 121----4

1913

Number.	Date.	From or To—	Subject.	
✓ 98707	6/4	To Cory & Sons.	& WYOMING: rudder angle indicator systems; Requests representative confer with NY yard re supplying material for altering to a non-spark type.L To NY. Instructions. 6/4.	
102452	7/28	To Cory & Son.	Fire room timing device transmitter asks if have a motor of proper size which can be readily installed in place of present one; Bu assumes Co. will finish calibrating shaft revolution indicators at first opportunity.L Cory & Son; gives reasons for failure; quotes price for new. 7-30	
102453	7/28	To Ord.	Gun firing and sight lighting batteries; quotes condition of from Quarterly Report.L	
101570	8/5	To NY	WYOMING: call-bell system; necessary work in connection with C&R authorized.	488-4
110458	11/15	To Holtzer Cabot Co	Cont. 162, changes to telephones of asks when will be prepared to change, etc	717
✓ 112460	12-6 12-10	NY Ord	370-899-33 25721-75 Estimate for installing latest type range and deflection transmitters and receivers.L Fwd Ord 12-16	
✓ 112590	12-8 12-10	Ord Capt	Directs work on new combined fire control and 12-12 cover be not undertaken at this overhaul.L To NY. Instructions. 12/13.	

ARKANSAS: INT. COM. SYSTEM.

Number.	Date.	From or To—	Subject.	
76066	8/17 8/17	Supts Constr Cramps 995-359	Voice tube mouth piece cover; states contractors claim no necessity or demand for removing ribs and changing name plates. L Have issued instructions. L Fwd C&R. with recom. 8/26	
	8/28	C&R		
73320	8/12	C&R	Turret Officers' station; fwds revised plan. L	
77336	9/4	NYS 1034-3216	Fwds corres. and prints re location of sound-proof booth for telephones and voice tubes. L Fwd C&R. concurs 9/7 BB 11-11 Fwd C&R. comments. 11/14. BB 11-80 Fwd C&R. with comments. 12/11.	
✓ 78233	9-17	NYS 1100-335	Contractors have not installed any wiring for target bearing and plotting indicator system. L	
78517	9-18	Phila 320-340-2	Fire control system; reqt. b/p. L Ref. Ord. 9/25	
78764	9-24	NYS	Telephone prints; reqt. for record of elec. plant. L FO — fwds. 9-30	
787-9	9/24	To Phila	Authorized wiring, circuit Tt, target bearing & Plotting Indicator system. L	
77699	9/26	Cory	Agrees to change if not already made, H lm angle transmitters.	121--2

ARKANSAS:INT.COM.SYS. 121-4

1912

Number.	Date.	From or To—	Subject.
79308	9-5 10-2	NY Ord. 370-758-2 25721-52	Target bearing transmitter and plotting indicator will be delivered about Oct. 15th. ships force to install. L. Awd C&R 10-7 Ret Ord. 10/12. BB 10-11
✓ 80896	10-23	NYS 1229-6910	Vandyke telephone prints; returns; unreadable reqt. new set. L TO -- Awd new set. 10-26
✓ 81920	10-23 10-28	CO NY 370-655-1	Repair helm angle indicator transmitter. L
✓ 82131	10-28 11-6	CO NY 370-595-19	Estimate for installing Aylwood range and deflection in fore top instruments to be supplied by Ord. L
✓ 83108	11-20	NYS 1360-736	Call bell in paymasters office; inc. cost. L To --- appd. --- To Gen Insp. inc cost. 11/23.
✓ 83293	11-14 11-19	CO NY 370-660-22	Repair Cory revolution indicator damaged by workmen. L
✓ 83528	11-25	NYS 1399-7325	Estimated inc. cost changing call bells telephone leads, engineer's office. L To --- appd. --- To Gen Insp. inc cost. 12/2.
84760	12-9	NYS 1464-7334	Fire control changes; submit inc. cost. L To --- estimate satisfactory; must be ref to Bd on Changes. 12/16.

ARKANSAS: INT: COM: SYSTEM.

Number.	Date.	From or To—	Subject.
✓ 66288	4/13	NYS 419-3511	Voice tubes: desires changes to nose mouth pieces, to be treated as change under contract. To---Requirements.4/15.
67273	4/25	Ord.	Gun firing system; recommends breast lamps at 44 sights, in place of micro lamps.L Ret---Bu. is considering combined switch and double receptacle.6/1.
67772	5-1	C&R 25115-E.4	Fire control tower: genl. arr. Fwds b/p.L
✓ 6959E	5/24	C&R 25169-E.32	Nose mouth pieces: states matter of types now under consideration.L Ret---5/28.
✓ 69991	5-29	Ord 25721-25	Gyro firecontrol instruments; require wiring for target bearing transmitter in fore top and plotting indicator in sub-central.L Fwd NYS. Recast status of wiring.6/3. S B 6-6 and NYS. Fwds plans with instructions.6/20.
✓ 70099	5-23 5-31	NYS 610-359 C&R 25169-E.32	Voice tube pieces; mouth; installation to be made after delivery of vessel; directs change from head to nose-mouth pieces. L Ret C&R.6/1.
✓ 71234	6-14	NYS	Target bearing and plotting indicator system; wiring diagram.L. To---appd as mod.6/18.

ARIZANSAS: INT.COM.SYS. 121-4

1912

Number.	Date.	From or To—	Subject.	
✓ 71784	6-20	NYS 742-6713	Elec. installation in chart house: fwds b/p. L To---Appd as Mod. 8/1. Fwds b/p. 7-9	
72099	6-25	NYS 766-359	Relative to attaching name plates to voice tube mouth pieces. L. To---Set C23 requests name plates be installed. 6/29. RB 7 10 Ret---7/11. RB 7 10	
72225	6-26	NYS 756-337	Target bearing and plotting indicator system: And prints working diagram. L	
✓ 72654	7-3	NYS 805-2112	Turbo generators; quotes letter of GE Co. stating will remedy defects in balancing weights. L	
✓ 73319		NYS	Anchor handling and Boat Hour gongs. Appd 7/15.	
74152	7/24	Ord. 25721-40	States range and deflection receiver has been installed in fire control tower ac- cording to S.E. plan 1790. Recommends installation in fore top. L To India, installation authorized. 7/26. To---advising of action. 7/26. To NYS advising. 7/26.	
74214	7/24	NYS 910-229	12-in. turret; recommends additional light- ing in powder passing rooms. L To---Fwd NY. authorized. 8/2. R p a - 14	
74256	7/25	To NY & NYS	FIRE CONTROL, target bearing system for. fwds vandyke of external connection	647

ARKANSAS: INT:COM:SYS:

Number.	Date.	From or To—	Subject.
62465	2-29	NYS 239-3216	Ships service telephone system: fwds b/p showing alterations in central. sub. int.com. rooms.L
62622	3-2	NYS 754-2161	Booths for telephone and voice tube systems: L To---Comments.3/E.
62982	3-6	NYS 246-6713	Conning and fire control tower: fwds b/p elec. installation.L To---appd.3/E.
63641	3-14	C&R 25169-E.28	Booths for telephones and voice tubes: fwds corres. re installing.L Ret. quote action taken on corres letter.3/16.
64080	3-20	TO NYS	Gyro Turret fire control instruments: quotes Dept. authority for installation.
64527	3/25	To C&R.	2 WYOMING: Voice tubes in turrets: requests be provided between upper handling room and lower hoist operator's platform.L
64747	3-27	NYS 357-3216	Sound proof booth for telephones and voice tubes: fwds contractors letter objecting to installation.L
64864	3-29	TO Gramps (J)	Reduction 10-hr trial to 4 hours.

ARKANSAS: INT:COM:SYS: 121-4

Number.	Date.	From or To--	Subject.
✓ 65061	3-30	NYS 365-321-6	Telephone material; states 8 impedance coils still due and recommends fu. furnish. L To---coils will be included in reqn. 4/2.
65053	3-30	NYS 366-3216	Sound proof booths for telephones and voice tubes; fwsd copy of Supt. Constr. letter to C&R. L To---quotes C&R'S endorsement. 4/6.
✓ 65224	4-2	NYS 376-333	Gyro fire control instruments; fwsd contractors letter stating impossible to figure in cost in advance due to tearing down nature of the work; also impossible to figure exact del. L
✓ 65322	4-3	C&R 25169-E.30	Sound proof booths for telephone and voice tubes; will insist on contractors installing. L Ret---concurring in "A" ord. 4/6. Ret---4/26 to NYS. quotes corres. 4/26.
✓ 65302	4-3	NYS 386-333	Installation Gyro turret fire control instruments; fwsd copy of E.C. letter to C&R. L fwd Dept. via Ord. rec omission of multiple bearing instruments. 4/5. BB 4-8 appd. fwd C&R via Ord. 4/6. BB 4-11 To---instructions. 4/6 fwd Dept. with comment. 8/6 BB 8-20
✓ 65795	4-6 4-8	C&R 25315-E.46 Ord 25721-17	Gyro fire control instruments; fwsd plan and recommends installation be omitted at present time. L Ret C&R. 4/6.
65630	4/6	To C&R	& WYOMING: voice tube system, directs certain changes be made. 488--4
✓ 66326	4-13	NYS 413-3216	Name plate markings fire control telephones. fwsd b/p. L To---appd. 4/19.

ARK/MSAS:INST:COM:SYS.

1912

Number.	Date.	From or To—	Subject.
58992	1/16	Holtzer Cabot Co.	Switchboard; telephone: fwds print. L To NYS. Fwds print: requests name plate markings. 1/26.
59228	1/19	NYS 77-6713	Super structure deck and bridge details; fwds print showing arr. invites attention to location call bell systems and gyro compass on bridge. L To---appd as mod. 2/5. NYS fwds plans. 2-27
59807	1/27	NYS 98-3216	Stowage boxes, fire control telephone: submits list showing location. L To---appd as mod. 2/2.
59827	1/26	NYS 843-65	Central station details: fwds b/p. L
59976	1/30	NYS	Conning tower: arr. instruments: fwds plan. L
60363	2-3	NYS 121-3216	Ship's service telephone switchboard: fwds print showing name plate markings. D
60389	2/2	Holtzer Cabot Co.	4 WYOMING fire control telephone switchboard; fwds print of. L
60542	2-5	Bd. on change 132-961 NYS	Changes in dial of mechanical telegraph and song leads: inc. cost. N To NYS appd. 2/7.
60541	2-4	Ditto 139-961	Additional voice tube between battle compass and steering station; inc. cost. N To NYS appd. 2/7.

ARKANSAS: INT:COM:SYS: 121-4

Number.	Date.	From or To—	Subject.
✓ 60547	2-5	Bd. on Changes, NYS 121-961	Gun firing circuit: change from D-C to A-C. inc. cost. N Fwd Dept. rec. appr. 2/7. R P 2 12a'ppd To NYS appd. 2/12.
60571	2-6	NYS 128-3216	Sound proof telephone booth: asks if any will be required. L To---Are required. 2/8. To Crampa. 2/9. Further 2-9 To---separate booths not required. 2/12.
60637	2-7	NYS 151-6713	States states if voice tube from standard compass to battle compass inclosed outlet in central station, is omitted, there will be no voice tube communication from conning platform to central station. L To C&R & ---. Bu desires voice tube be- tween conning platform and central sta. 2/10.
✓ 60892	2-8 2-10	Ord 25238 C&R 255K4-E.40	& WYOMING: TX XAS: NEW. Y RK: rect. install- Fwd C&R ation of gyro turret fire control instru- noted. ments on L 3-29 Fwd Dept. concurs in rec. of Ord. 3/7. R B 9-10 255K4 Ret C&R. 3/25. Rect. return. 3-20
61964	2-23	NYS 215-3216	Fire control telephone stowage boxes: list of locations. L
✓ 61990	2-21	C&R 25115-E.44	Fire control towers: fws print showing general arrangement. L To NYS. Request comments and rec. 2/27. NYS no changes. 3-8 To---appd. 3/9.
61988	2/23	Ord	XR 12" turret, fws plan covering elec. installation: comments on indicators, lights, voice tubes, etc 121--3
62189	2-26	NYS 218-3216	Telephone and voice tubes: changes due to omission battle compass in fore hold: fws print. L/

ARKANSAS: INT:COM:SYS:

Number.	Date.	From or To	Subject.	
✓ 52384	10/31	NYS 1243-359	Fwds list of voice tubes required, portable head gear with name plate marking.L	
✓ 52462	11/1	NYS 1246-2016	Gun firing and int.com. motor generator panel; contractor submits list of spares.L To---appd.11/3.	
53661	11/13	NYS 1288-37	Conning tower; location of instruments; fwsd prints. L	
✓ 53990	11/18	NYS 1303-365	Fwd CER via Ord-Appd. as mod.12/4. RB12-22 Ret-Appd. for 3.5.12/28. RB12-20 Central and sub-stations and int.com.rooms; fwsd print showing details.L. Fwd CER via Ord-Rect. comment.11/27. RB12-12 To---Appd. as mod.12/14.	
✓ 55157	12/4	NYS 1362-359	Voice tube appliances; recommends use of composition in accordance with Bu's Dr.No. 1716, in lieu of aluminum and zinc.L To---Appd.12/6.	
55585	12/8	NYS 1391-103	Arrgt. of instruments in conning towers; retention of helm angle indicator even though gyroscopic compass is installed; submits prints showing steering stands, compass, etc.L To---Modify plan and re-submit.12/28.	
✓ 55795	12/11	NYSQ 1402-3216	Asks if condenser is required for fire control telephone system.L Ret-Has ordered for, and WYOMING.12/16.	
56708	12/21	To Norf.	Fire Cont. fwsd prints of	647

ARKANSAS: INT. COM. SYS. 121//4

Number.	Date.	From or To—	Subject.	
56957	12/23	NYS 1440-365	Central station details: re-location of salvo panels, telephone switchboard, etc. L To--Comments: rect sketch showing salvo panels. 12/27.	
56851	12/23	To C&R	& WYOMING: rect provision for voice tube communication from distribution room to searchlight rheostat compartment	480--4
✓ 57070	12/27	To Holtzer-Cabot Elec. Co.	& WYOMING: rect vandyke print of Fire Control Telephone Switchboard and Ship's Service Switchboard, together with a list of markings for drops. L	
✓ 57394	12/30	Holtzer Cabot Co	WYOMING: telephone switchboard; unable to furnish for 3 weeks owing to fire. L.	
✓ 57889	1/6	NYS 27-365	Central station: details: fwds prints showing turret salvo panels. L To--Addtl detail information desired. 1/9.	
58772	1/16	NYS 64-365	Central station: details: fwds b/p. L To--states requirements. 1/18.	
58893	1/12	NYS 688-3511	Voice tubes for corp. defence: quotes letter from C&R dated Jan 12 directing that permanent systems of corp. defence guns terminate from side an. centre of pivot stand. To--Satisfactory to S.E. 1/18.	

Number.	Date.	From or To--	Subject.	
49033	9/20	To Holtzer Cabot Co	& FLORIDA: etc: rect. plans of fire control telephone switchpanel	205--4
49164	9/21	NYS 1103-3216	Report non-receipt of w.t. jacks for fire control telephone system. L	
✓ 49249	9/22	NYS 1107	Fwds print showing proposed running of voice tubes to cigar armour. L. To --- appd. 9/27	
✓ 49537	9/26	Holtzer Cabot Co	w.t. jacks for fire control telephone system; were shipped July 1st. L. Fwd NYS for inform. 9/28	
49741	9/28	NYS 1131-678	Fwd distribution room: fwds print showing arr. wiring 1st. L. To --- Appd. 10/17.	
49850	9/28	Holtzer Cabot Co	& FLORIDA: fwds prints of fire control telephone switch panel	205--4
✓ 50300	9/29 10/4	C&R 25115-E.43 Ord 23378-64	Fire control tower: fwds prints showing location of instruments, etc. L Ret C&R. 10/26.	
✓ 50299	9/14 10/4	C&R 25169-E.20 Ord 23378-E.63	Central and sub stations: fwds prints of location of instruments, etc. L To --- Commission of installation satisfactory.	
✓ 50401	10/6	NYS 1172-325	Recommends installation of call bell & telephone in paymasters storeroom. L. To --- Appd. 10/10.	
✓ 50812	10/11	To NYS	Fire control telephones; asks if jacks are required. L	

ARKANSAS: INT:COM:SYS: 121-4

Number.	Date.	From or To—	Subject.
✓ 50940	10/12	NYS 1189-3216	Fire control telephones; states additional jacks not necessary. L.
✓ 50973	10/11	NYS 1181-37	Fwds plans of voice tubes, call bell sys., L. To---One print not received; reqst. 10/26.
✓ 51170	10/14	NYS 1190-6713	Fire control towers; fwds prints showing arr. of wire leads. L.
✓ 51190	10/13	To NYS	Fuel oil tank indicator system. Directs that an E-Prop annunciator is installed on fuel deck. L.
51481	10/16	NYS 1194-3216	Ships service telephone; fwds plans effected by installation of phone in storeroom. L.
✓ 51501	10/19	NYS 1211-3324	Fuel oil tank indicator; circuit "X". Installation will involve increased cost. L. To---Reqst estimates for changes. 10/25.
✓ 51752	10/23	Brook 8521	Turret telltale indicators; reqt. information re voltage test. SL To---Approves rec as to test. 10/26.
52313	10/30	NYS 1227-37	Fwds print of system on berth deck, fwd. L.

Number.	Date.	From or To--	Subject.
✓ 45469	8/4	NYS 22-351	Fwds correspondence from Constr. re certain voice tubes requiring hose and armor. L Ret---reduction of number of voice tubes. 8/23. RB 8-8 TO -- Appd. 9/18
✓ 45663	8/7	NYS 932-73329	Change in type of ammunition hoist signals; est. change in cost. L. To---Appd. 8/9. Ret---Enclosure est. 130.8/12. RB 8-16
✓ 45664	8/7	NYS 931-73410	Change in dial of mechanical telegraph; inc. cost. L. To---Appd. -- To Genl Insp. for inc cost. 8/9. Ret---enclosing estimate 37. 8/11.
✓ 45665	8/7	NYS 935-737	Voice tube between central station and battle compass; inc. cost. L. To---Appd. -- To Genl Insp. for inc cost. 8/9. Ret---enclosing estimate 35. 8/11. RB 8-16
✓ 45740	8/8	Brook NYS 6540 937-3313	Type controller panels for gun firing turret danger zone system. L. Fwd Cranes, substitution of line fuses for overload circuit breakers appd. 8/12.
✓ 45963	8/10	Brook 6629	Reports test of motor generator for turret danger zone system. S. To NYS. Fwds copy of test report. 8/17.
✓ 46070	8/10	Holtzer Cabot Co	& WYOMING: fire control telephones; fwds list of spare parts. L
✓ 46120	8/12	NYS 961-4512	Fire control tower; genl. arr. of instruments, etc. L. To NYS approval withheld. 9/5 To -- approved 9/11
✓ 46145	8/12	Brook 6672	Motor gen. sets; fwds test records. S&L To NYS. Genl. accepted. Test record fwd. 8/12.

ARKANSAS: INT:COM:SYS:

121 -- 4

Number.	Date.	From or To—	Subject.
✓ 46565	8/17	Brook 6760	Motor generators for; and turret danger zone systems; fwds tests.L&S
✓ 47036	8/23	Diehl Mfg.Co	Gunfiring and danger zone motor generators; spare parts; submit list.L Ref. P.P.S. list will apply to 9/4 add. 11
✓ 47789	9/1	NYS 1035-3410	Mechanical telegraph and gong system; fwds plans. H-L To -- approved 9/14
✓ 48221	9/0	NYS 1047-4512	Fire control tower; arr. of instruments satisfactory with exception of periscope.L
✓ 48293	9/9	NYS 1053-4512	Fire control tower; will assume no responsibility for arrangement of; Bureau will have to assume same.L
✓ 48625	9/13	NYS 1068-4512	Fire control tower; fwds prints showing location of instruments. L
✓ 48624	9/13	NYS 1069-6710	Location of elec. apparatus in fire room.L
✓ 48727	9/16	NYS 1086-3216	Ships service telephone; reports receipt of phone from Holtzer Cabot; Fwds copy of letter re reduction in price.L. To -- appd. 9/19
✓ 48899	9/18	NYS 1092-229	Lighting in turrets and upper handling rooms; recommends additional magazine fixtures. L (21-5)

Number.	Date.	From or To—	Subject.
✓ 39648	5/25	NYS 668-37	Switchboards: fwds Cory's plans showing back and side views. L Ret -- App'd as mod. 5/29. BB 6-6
36328		See Card #5.	Ret NYS. Push button will be installed in paymaster's office, to be treated as change in cost. 5/26. BB 6-81
✓ 40018	5/29	Brook 4738	Gun firing motor operator: fwds test report. S To NYS & -- Irsl. accept ed. 6/5.
✓ 40465	6/3	NYS 696-35	Reqt. type plans of voice tube mouth pieces and appliances: complains of delay on a/c of. L To -- Fwds plans. 6/26.
40762	6/8	YS 716-4512	fwds print showing location of instruments for fire control tower. L To -- Plan fwd to other Bureaus. 6/12.
✓ 40801	6/9	NYS 734-4512	States plan showing arr. of instruments in fire control tower giving present location of voice tubes and wire was submitted. July 8th. L Fwd OAR via Ord. for consideration. 6/12. 5-17-11 Ret -- Reqd. plan developed showing method of leading. 7/13. BB 7-22
341786	6/21	NYS 779-45-12	Fwds letter from Superintending Constr. re: arrangement of fire control tower. L Fwd OAR via Ord. 6/26. BP 7-11 Ret -- Ref to 40801 of even date. 7/13. BB 7-18

ARKANSAS: INTERIOR COM. 121-4

Number	Date	From or To	Subject
✓ 42145	6/24	NYS 785-2616	Action cut-out switch panel: fwds print. L To -- Alan 97-40-13 modified. 6/28.
42451	6/28	NYS 511-321	Fwds prints of w.t. annunciator. L To -- Alpd. 7/1.
✓ 42683	6/30	NYS 803-3511	Fwds print of alterations to voice tubes, due to re-location of engineers office. L To -- Alpd. 7/5.
48 44046	7/19	NYS	Location of instruments in central and sub- central stations, int. com. circuits; fwds prints. L And Crd. for comment. 6/2. 448-8 Ret --- 6/9. 448-15
44793	7/26	Bradford Coal Depot	Fwds sketch showing condition. Y
44968	7/29	C&R 25321-E-58	12-inch turret indicator and auto. stops. L Reqt return of papers. 7/22. Ret --- you concurs in rec of C&R. 8/1. Ret --- 8/2.
✓ 45099	8/1	Brook 6390	Gun firing motor generator: fwds test sheets. S&L To --- rel accepted. 8/11. Fwd NYS. C copy of test sheet enclosed. 8/11.
✓ 45427	8/4	NYS 915-4512	Fire control tower: fwds plans showing general arrangement of instruments, wiring, voice tubes, etc. L To --- Recst addtl information. 8/11.

ARKANSAS: INTERIOR COMMUNICATION SYSTEM.

FILE No.	From or To— (Dated)	Subject.
37384 4/28	NYS 489-37	Twds approved interior communication deck plans. L To -- Plans satisfactory; comments. 5/23.
✓ 37785 5/3	NYS 530-3313	Gun firing system; twds prints of wiring diagram. L Ret -- Modifications required. 5/8. RB 5-28
✓ 37987 5/5	NYS 530-2616	Action cut-out switchpanel for engine telegraph system; twds prints and contract ors comments on approved change. L To -- Plans not apprd. 5/10.
✓ 38197 5/8	NYS 546-37	Wiring switch panels. Twds prints. L Ret -- apard as modified. 5/19. RB 5-27 Ret. direct: modifications 5/27 RB 6-6
38307 5/9	NYS 561-331-3	Gun firing system; rect. copies of Naval Gun Factory plan 4011. L Fwd Ord. Recst prints. be furnished. 5/12. RB 5-27
38492 5/11	NYS 555-3410	Mechanical telegraphs and gong leads; twds working plans. L
✓ 38493 5/11	NYS 564-3312	Helix angle transmitters; twds prints giving location, etc. L To -- apard 5/17.
✓ 38594 5/11	NYS 521-307	Twds prints working diagram; L.
✓ 39627 5/24	NYS 660-3313	Fire control tower; rel. to the mounting of instruments. L Ref NYS with 36619 5/27. R.B. 6/5 To -- Recst plan of armt of instruments. 6/8. twds. INSPR. permanent instal. v.t. desired. 5/27 RB 6-5 & Insp. develop plans provident permanent voice tubes. 6/8.
36619 see card 5		



ARKANSAS: INTERIOR COMMUNICATION SYSTEM.

FILE No.	From or To (Dated)	Subject.	
✓ 36328 4/14	NYS 473-37	Relative to location of certain bells and buzzers. L. Reqt. information. 4/18 RB 5-12	See card 7
✓ 36619 4/19	C&R 25115-E 56	Fwd C&R via S&A. Asks if compartment G-103 will be retained. 5/18 RB 5-24 Fire control tower; fwds print showing genl. arr. and comments on re location of instruments. L. Reqt. action on. 5/16 To NYS Reqt plan showing method of running leads & voice tubes see card 6 To -- on sketch enc. Also comments. 5/17. To -- Method of leading wires objectionable. 5/18 BL RB 5-25 & UTAH : Turret gun firing; instructions re transformers, and lighting switches. L	
✓ 36644 4/20	NYS To		
✓ 36793 4/21	Western Elec. Inst. Co	Asks if accompanying print of cable terminals for special 4000 ampere shunt is satisfactory. L Fwd NYS for comment. 4/26. RB 4-26 Reqt. reply. 5/5 Ret NYS Prints fwd. 5/13 RB 5-17	
✓ 36812 4/21	C&R 25169-E.17	Voice tube mouth pieces; takes exception to Bureau authorizing changes in. L (Ref as enc. with 36821-726 4/24) RB 4-26 Ref. C. & R. 5/26	
✓ 37079 4/25	NYS 501-37	Switchboard; invites attention to omission of A.C. ground detector. L To -- Addtl ground detector not required. 7/28.	
✓ 37221 4/27	TO NYS	Modified voice tube list for torp. control stations in torp. room. L.	
37271 4/27	NYS 507-359	Voice tube panels; fwds prints. L. Reqt. reply to. 5/15 Ret -- Matrl made up of aluminum accepted; new castings to be of brass compo. 5/23. RB 5-26	
34541 3/23	C&R	& WYOMING: fwds plans, arrgt of indicators, tailtale controller gear, for 12" turrets,	488-4



ARKANSAS: INTERIOR COMMUNICATION SYSTEMS.

FILE No.	From or To- (Dated)	Subject	
32226 3/20	To S&A	& WYOMING: Ship's service telephones and switchboards. Requests certain changes made in contract 14563.	706
✓ 34181 3/20	To NYS	Deck plans. Approved subject to comments and modifications contained in 34182-121-4.	
✓ 34182 3/20	To NYS	Fire control system; relocation of torpedo defense stations, due to rearrange of searchlights. Desired that contra correct plans and fwd copies to Bureau.	
32226 3/20	To S&A	Cont: 14563: ship's service telephones & switchboards: reqt certain changes in cont.	706
✓ 34581 3/24	NYS 357-37	Deck plans; re: t. to be informed what circuits are to be used for 8 additional phones, type C, etc. 1 Ret -- Sketch #3 correct 3/29. BB 4-22	
34819 3/28	To Holtzer Cabot	& WYOMING: reqt six copies of plans showing telephone switchboard, generator & dynamotor, Cont. 14563	
35269 4/1	Holtzer-Cabot Co.	& WYOMING: fwsd prints of telephone switchboard, talking motor generator, and ring dynamotor	488--4
✓ 35349 4/4	TO NYS	Telephone system; fwsd print showing motor generator and dynamotor. 1	
✓ 35952 4/11	NYS 449-359	Voice tube panels; fwsd prints with comments. 1 Ret -- Apprd as mod. 4/20. BB 4-22	
36096 4/11	Cory & Sons, Chas.	INSTRUMENTS; elec. speed revolution, voltmeter etc. reqt instructions be issued to laser. re report on these on: for guide in adopting for other ships.	665--2



FILE No.	From or To— (Dated)	Subject.
✓ 33337 3/9	TO NYS & Ordnance	Arr. central, sub-central, and sub-stations: fwds print No. 1774; directs modification be made in accordance with Att. 2, fwded herewith. L
✓ 33476 3/10	NYS 281-365	Arr. central, sub-central and sub-stations: invites special attention to alarm songs location of rheostat panels. & lighting. L Ret -- Changes in drawing 3/17. R.E.3/21
✓ 33719 3/13	NYS 291-37	Switchboard; fwds prints. L.
33718 3/13	NYS	Action cut-out & switchboard; fwds prints. L. Ret -- Apprd 3/17. R.E.3/21 To -- Double cation auth. 4/15. To -- Double row desired. C/C.
✓ 33917 3/16	To NYS	Voice tube calls. Should be arranged so that two stations will not receive signals from the same push button.
✓ 32917 3/16	TO NYS	Voice tube calls; states ^{no} desire for one push button to operate drops on two annunciators. L
✓ 34157 3/17	NYS 299-37	Fwds deck plans. L Ret -- Modifications in 34181-121-4. 3/21. R.E.5-6
✓ 34230 3/20	C&R 25219-E.22	Relative to doors between sub and central stations. L. Ret -- Will not be required 3/22.
✓ 34193 3/17	NYS 274937	Deck plans; fwds prints and invites attention to location of telephones in comm. room. L. Ret -- apprd 3/27. R.E.3/29



ARKANSAS: INTERIOR COM.SYS.

FILE No.	From or To— (Dated)	Subject.
3047 1/28	C&R 25321-E.37	Turret stops and indicators: fwds prints.L
✓ 30804 2/3	Brook 1129	Pilot lamp indicator for turret danger zone system; reqt. print for use of inspector / L To -- Drawing 1778 fwd 2/4.
✓ 30971 2/6	NYS 148-3311	Danger zone system; suggests use of gun firing motor generator for this system; instead of separate motor generator. L Ret -- Requirements 2/8. A.B. 2/13
✓ 31030 2/6	NYS 147-3311	Turret danger zone telltale system; fwds prints of transmitters and indicators dials.L Ret -- apprd 2/8. R.B. 2/14
✓ 31389 2/10	NYS 163-3311	Call bell system; submits list of stations, showing changes proposed. L Ret -- Appd as mod. 3/28. RB 4.17
✓ 31775 2/16	C&R 25219-E.18	Central station; submits prints showing re-arr. L To -- Modifications desired 2/17/
✓ 31777 2/20	NYS 211-37	Fwds. prints showing super structure, deck & bridges; interl or communication system; also instruments in conning tower. L
✓ 32582 2/27	NYS 235-37	Switchboard; fwds prints. L Ret. appvd. with mod. 3/4 R.B. 3/11
✓ 33044 3/4	NYS 265-3311	Turret danger zone motor generators: fwds b/ps. L Ret. Apprd sub.to insp. and test 3/8. R.B. 3/11



ARKANSAS; - INTERIOR COMMUNICATION SYSTEMS:

FILE No.	From or To— (Dated)	Subject.
✓ 28285 1/4	C&R	Instruments turret officers station To NYS, Ref -- Plan appr. 1/10.
✓ 28434 1/6	NYS 9-73313	Gun firing system; use of A.C. instead of D.C. transformers; est. inc. cost To Genl Insp for inc. cost; Ret -- 1/17. R.B. 1/20
✓ 28769 1/4 1/10	C&R 25312-E, 10 Ord. 22935-192	Turret officers station, arrangement of. Fwd C&R Concurs with Ord 1/12.
✓ 29214 1/16	NYS 5937	Fwds deck plans. Rect. reply to L 2/23. Ret -- plans being considered 2/24. R.B. 2/28
✓ 29360 1/18	TO NYS	Fwds copy of reqn. 191 covering telephone system for snips service and fire & engine room
✓ 29567 1/20	NYS	Broad side ammunition hoist tele. raphs. states signal was completed prior to changes desired by Bureau. Ret Inc cost disapprd 2/4. R.B. 2/8
✓ 29728 1/21	NYS 89-37	Fwds deck plans interior communication system. To -- appr'd with comments 2/27. To -- appr'd with comments 3/1.
✓ 29806 1/23	NYS 100-3311	Danger zone system; fwds prints of indicators Ret -- Comments 1/30. R.B. 1/3
✓ 29994 1/24	NYS 102-3313	Gun firing system; Fwds prints of elementary wiring diagram.



ARKANSAS LIGHT & POWER

1922

Number.	Date.	From or To--	Subject.	
525702	from card 25		To NY- gives inform rel motor generator N.Y. Copy action to C&R 9/1 L NY 12/27 Proposed location of motor gen- erator and switch board for submersible oil system. To NY Dept plan 1/6 Fwd C&R 1/6 BB 1/12/23 L	8/3L
638151	7/28 8/14	CO Atl. Htshp force	Request supply storage battery for L system. To CO- Disappvd cc Atl Fleet- C-i-C Atl Fleet cc NY 8/24	

Number.	Date.	From or To—	Subject.
627260	6/8	New York	Confirms telephone conversation re: to assignment of search lights to SOUTH DAKOTA for further assignment to ARKANSIS L
626702	6/10	To NY	Instln of AC Submersible salvage pump C&R 5/18 Reconn. location of outlets be provided as record L To C&R- modification of instrns 6/26 N.Y.- General wiring diagram submersible pump system- f.w.s. prints. 7/18 L 19 To NY plan approved 8/3 Port of Storage Battery- Issue of S&A 6/19 Copy action to Navy Supply Depot L
626235	6/17	To O-I-C Prook via S&A	card 26
626977	7/21	To S&A 566	Post shipment of switchboards from Boston to S&A 7/22 L

ARKANSAS LIGHT AND POWER

1922

[illegible]

Index	Date	From or To	Subject
616122	3/6 3/30	CO Ord	Request 11 pilot 11 lbs for cell and ladder contact - 11 lbs requi for each To CO instn of app d cc Div 5- Comar Battle- ship- C-I-C Atl Fleet Ord 4/7
617355	3/19 4/5	CO Atl. Fleet	36" scnl light removal Fwd CO via C-I-C Atlantic Fleet- F I Comar battleship Force Atl Fleet- Div 5 4/11
617545	3/15 4/6	CO Atl Fleet	Request renew nosels & bladings #1 turbine generator CO- Battleship Force 4/21 RB 4/28 L New York 6/8 Report on No. 1 turbine generators L
618649	4/10	CO	Report cov breakage of 36" scnlght mirrors during spotting practice. L
621932	5/8	To CO	Main Switchboards Fwd prints L RB 5/15 L Fwd CO 5/20 CO 7/3 fws tracings showing distribution boards L



Number.	Date.	From or To-	Subject.
624110	5/3 5/17	CO Dept	Request rewind two armatures for fresh water pumps 1
624108	5/1 5/17	CO Dept	Request matl listed be furnished for work in repairing 36" search lights 1 Wds O. rns 5/20
624361	5/20	Phone to NY see card 25	Searchlights for ARKANSAS 1 NY 5/25 Recommends present switch lights To NY be replaced. 1 lights installed cc CC- Div 5- RB 6/23 r battleship force Atlantic 5/29 NY 6/15 Giv's no of sch light be instld 1 Request repair broken cells of Willard battery. 1
624736	5/3 5/22	CO Dept	

Number.	Date.	From or To	Subject.
		BELOW	
583700	7:30	To Insp Union Gives shipping instructions cc SIA-CC-Tam Aug 8/27	To SAA Regis shipment of generator from San Francisco to U.S. Army 8/13/27 L RB-10;19
		CO-reqt armature for main can be shipped from San Francisco to NY-8;31-L	Insp Union from 8;31-27 at re ready shipment 12;16
		To Insp Union (T) Gives inform 8/31	
583700	7:30	Insp Mass-GE Co have not recd reqd covering repairs to armature-10;10	CO Gives instrns cc Insp Boston-NY 8/20
		To Insp Boston- Gives instrns cc 11	CO-asks if any spare armature available-9;2-L
GE	10/20	Insp mat	CO-have shipped armature-9;10-D
		To Insp Boston- Gives inform rel repairs-cc CO-Attl Fleet- Insp machy G Co 11/3	To Insp Boston- Rel repair to armature cc CO 9/27
		To Insp machy GE- Insps will be authorized cc Insp Boston 11/17	To CO- Gives Action 9/27
576798		fwdd from above	Insp GE- fwsd GE Co quotation covering repairs to armature. 11;3-L
			CO-asks when new armature may be expected-8;29
			Insp Union-reqt definite shipping instrns-9;30-L
			Insp Union-copy of letter to NY returning armature-9;6-L
			To CO- rel shmt of armature cc Attl Fleet- NY 9/30
		Insp Union-10;17-L	
588597	10:4	CO T	Reqd auth to turn in searchlight shutters recd from NSD-cannot be used-L
			To CO Grants authy 10/6
589052	10:5	NY	Reqd prints showing illuminating outfit-L
			To NY fwsd plans 10/12
			N.Y.- fwsd corrected vandyke. 12/5 L

121-5:ARKANSAS: LIGHT AND POWER:

1921

Number.	Date.	From or To--	Subject.	
589494	10:9	Atl Btlship Force T	Reqd auth to turn in 36 inch searchlight shutters- do not fit lights on board.L	
590329	10/14	Atl Flt (T)	request repairs to main generator armature sent to GE Co. be expedited. Insp. GE. Copy action to Atl. Fleet 10/18 To C-I-C Atl Fleet- Gives inform 10/20	L
591496	10/22	To Co	Annual report of Electric Plant Data for 1921 L	
592047	11/5	CO ARKANSAS (T)	Signal shutters turned into store at N.Y. 10/15	251-5
59088	11/23	Inspr G.E.	Submit quotation covg same armature shaft for generator for ARKANSAS SL	629
		1922		
610419	1/25	CO	Request auth to turn in mechanical controllers for 35" schlight. To CO-auth granted-2:23-L	

-1919-

22
✓

ARKANSAS; LIGHT & POWER.

Number.	Date.	From or To--	Subject.
460843	11/11 11/26	CO P Snd	Reqt rewire lighting in 6 turrets with leaded and armored cable - L Fwd Comit Pug Sd. 12-4 RB-12:22 Fwd Operations. 12-23 RB-1:2 To Pug Sd. Auth requiring of lighting circuits in the turrets. copy to CO. 1-5
464588	12/19	C&R	Fwds copy of letter to Puget Sound giving in trans covering inspn of sterilizers on board. L. To Pug Sd. Incidental work under SE in connection with work auth by C&R is appvd. copy to C&R and CO. 12-24 ~~SE-222~~ Pug Sd-submits estimate-1:8 To Pug Sd. Auth for work under SE auth. copy To CO and C&R. 1-16 P Snd - submits estimate - 1/29
473694	1:26	CO	Request information concerning shipment of circuit breakers listed. L To SO. N. Y. requirements 2/27 copy CO To CO: spare circuit breakers listed will be turned into store at Pug Sd. 2-28 copy to Pug Sd. NY-3:2 S&A-3:17
SE 273	6-3	To CO	Bearings and glands for main circulator. asks explanation of procedure. Rh
507745	7:1	To <i>void</i>	Quarter ending June 30th. Y

121-5:ARMS 3: LIGHT AND POWER.

Number.	Date.	From or To--	Subject.
507921	7:29 7:28	CO CO	Two motor generators of British make received with submersible pumps. L To Coast Fleet Sq. reqst arrange for survey of generators on board 8/6 CO. C&R-reqt action-9:25-L
511188	8:4 8:6	CO Pac Battleship Squad 4	Request rewind armature of main generator. L To MI- auth wrk 8-13 copy ARKANSAS Sqd 4 Pac. Fleet- Armature installed: ask when spare for ~~YONIC~~ may be expected. 8/21 L Pac Battleship Squad 4-9:27-L
529194	11:2 11:8	CO Pac Battleship Force	Request authority to deliver armature to GE Co shop at Frisco. L To CO (IT) Del authd reqn will be rep upon receipt of ~~inform~~ listed 11-16 To CO via Pacific Fleet- Gives action 7/15/21 Pac Battleship Force- fwd CO's report- 7/15-21
530667	11:5 11:22	CO Pac Flt Ord	Request aux lighting circuit be installed in conning tower. L To CO 1st Lt. ~~and~~ ~~cc~~ ~~Flt~~ ~~Flt~~ ~~C-I-C~~ ~~11-1~~
537206	12:24	Pu: Sq	Location of boiler-fwd prints. L
550099	2:23	CO	Request info re repairs to main gen armature turned in to Frisco shops of GE Co. L
562335	5:6	CO T	Reqst spare armature for boat crane hoisting motor be furnished. L

ARKANSAS: LIGHT & POWER.

Number.	Date.	From or To—	Subject.	
331622	12/8 12/28	CO Atl Flt	Request add scales and target turret indicator to auxiliary lighting system in each turret light, etc - 1/4 To- advises re alterations 1/4 To Norfolk- Author perform work 1/4	
385891	1:15	Norfolk	Confirms tel. conv. asking when ship will rec. 24" high power signalling searchlights	L
389188	1:27	CO	Submits matl. listed and ordered from SE Co for 18" signal searchlight. To (T) - Cannot obtain material before sailing. Will appv reqn for purchase when recd. 1-28	
5465	1/29	CO ARKANSAS	Ask why 36" heads for searchlights are not to be supplied. L&S	629
1421454	5-23 5-27 Ewd C&R. 7-5	CO C&R	In conn w location of storage battery room - L-5 C&R enlargement of plotting room fwd prt 6:26	

ARKANSAS: LIGHT & POWER

Number.	Date.	From or To—	Subject.
423972	6:5 6:28 6:5	CO Bat Sh Div #6 US Fleet	Req. replace 8 searchlight rheostats also cable between light at distribution Board L Twd Operations. 6-17 RB 6:20 To CO- No changes to be made at present recommendation appvd by Dept. copy to Comdr Bat. Force Two and C-C AL FLT. 6-21
430114	7-8	To CO	Reduction of work on vessel. Lists job order reqts cancel as being considered unnecessary: L-Y copy to I.L. Ny. C&R 7/2 Reqst install lights for graduation pointer on all turrets. L
518244	7-26	SEE CARD 19	To SEA- Reqts shipment of circuit breakers from ARKANSAS to ships listed. L RB 10-7 To CO- Lists correct list of breakers that should be supplied for installation. 7-28 copy to CO'S TEXAS NEW YORK WYOMING.
450683	10:10	Pug Sd T	Vessel requires 4 ardois signal lanterns- Request Bureau arrange for shipment. L To SEA- Reqst shipment Ardois signal lanterns from Ports to Pug Sd. 10-13

121 - 5 ARKANSAS: LIGHT & POWER

1918

Number.	Date.	From or To	Subject.	
330810	7-25	Norfi	& MISSISSIPPI - signal shutters for torpedo defense searchlights - fws prints. L	
330807	7-25	Norfi	Auxiliary lighting for battle dressing station - fws prints. L To Norfi. plan approved 7-30	
330873	7-30	To C O NEW YORK	Commenting on report of installing submersible pump equipment. L USS NY - Reports on motor generator equipment submersible type - L (Cross to Motor Generators)	
345745	9/7	To CO T	Can email trans. of submersible pump motor generators to USS ARKANSAS	182-5
337922			Phone Norfi-Asks for one set of prints covering signalling shutter that Norfi is man for converted 36" searchlights for ARKANSAS	708
345388	9/10	To CO DELAWARE	Bu has reqstd shpmt of submersible pump motor generator from DELAWARE to ARKANSAS	787-1

ARKANSAS: LIGHT & P. /TR:

Number.	Date.	From or To—	Subject.
273813	1-14	Phone	Re searchlight at NY. Conversion of 36".
286070	3-6	To NY	Searchlights distant elec operating gear. Auth installation in advance of estimates. L
287516	3-5	Phone Lieut Wilson	Completion of converting of searchlights. All completed except those on main mast. L
288018	3/8	Atl Battleship Force	Request that signal search lights be furnished - L
485-NY	3-8	NY	States conversion part of 36 inch searchlights for the ARKANSAS have not yet been recd. L. 629.
288046	3-12	To NY	Assignment of 2-18" are searchlights for ship signalling. L To (T)-Install 2-18" searchlights on before ship leaves yard. 3-21 To Battleship Force Two (T)-Reen disarmed. previously authorized. 3-21 Test for installation low 18" searchlights. told to write letter to Bu and it would be appvd. L
288961	3- ~~12~~ 8	Phone Lt. Comdr. Draemel	
3-7063	9-7	Hrflk.	Confirmation telephone conversation relative to drawing of signal searchlight L.

121 - 5 ARKANSAS: LIGHT & POWER:

Number.	Date.	From or To—	Subject.	
289004	3-15	To NY	Pipe control for portable searchlights. Auth install British type. L	
290632	3-13	Phone NY	Sperry lights on deck of ARKANSAS. Ship rects British type of control instead of elec. control. L.	708
290719	3-18	Phone Comdr Wilson	Searchlights- L	
292491	3-26	To NYS VOID	Allow lists. Fwds 10 copies type "G". RL	
292578	3-25	Phone Lt. Wilson	Searchlights. L	
296478	4/5	On	Reports on present search light equipment-L	
318244	6-22	To C O	And copy of letter re replacement of circuit breakers on ship. In 1925 the ship in accordance with table as shown heron 120 CO-submits list of circuit breakers delivered. 7:16	6-22
			Co 7-2	
			To Harf. Estimate approved 7-26	

ARKANSAS: LIGHT & POWER.

1916

Number.	Date.	From or To—	Subject.	
188701	5-20	NY	Auxiliary lighting; fwds print.L	
190664	6-12	NY	Illuminating outfit; fwds plans. L	
190542	6/8	CO	Blinker tubes; new design; submits criticism and fwds print	711-1
192204	6/29	Ord	Request adjustment appro covering repairs to 9 battery cells from ARKANSAS included under Ord contract 1025 thruerror	607
192449	6-27 7-2	CO At Flt	Install additional blinker lights.L Fwd NY--For estimate. 7/7 RB 7-13 Fwd Dept--Req appv. 7/21 RB 7/26 To NY--Appvs. 7/28	
197900	8-25	NY	& WYOMING; auxiliary lighting in magazines; plan and estimate.L To--Appvs with modi. 9/9 NY fwds plans/ 9-21 NY revised est 9-22 To--Revised plan appvd. 10/2	
202793	10/24	To NY and CO	Desire sample masthead and side lights installed for test	675-6

ARKANSAS: LIGHT & POWER

Number.	Date.	From or To—	Subject.
✓ 233353	8/11	NY	July 4/16 to Jan 6/17 Y
✓ 239189	7/19	To CO	Ask whether any of the carbon lamps used were defective. L CO - 7/25 L CO submits reports on use of mazda lamps and ~~on tables~~ 11/2
✓ 245555	8/25	To NY	Auxiliary lighting system. Reqt status of. L Horf - 8/31 L To Horf - 9/6
465	8/31	To NY	Auxiliary lighting batteries delivered at NY arc for WOLING ALABAMA NEW YORK & TEXAS. 629
269413	12/21	CO	Harley search light - request authority to turn in - L To - 8 granted. 12-31 CO - Harley searchlight turned in store. L 3-11
269706	12/18 12/25	CO NY	Request replacement of 36 inch search light with high power light - L To NY - Directs supply CO with two 36" Beck searchlights on trucks 82-31
✓ 271700	1-7	To NY	Searchlight converted to high power. Reqt convert as many as possible. L NY 1/17 CO - 1-21 request replacement of Beck searchlight with Sperry L. To NY - 1-26 To NY - 1-26

ARKANSAS: LIGHT & POWER.

Number.	Date.	From or To--	Subject.	
169586	10-23	NY	Estimate for installing armored cable for night signal set on foremast.L To-- Appls. 10/29	
✓ 171174	11-9 11-12	CO C&R	Elec detached Franklin life buoy; favorable report on; C&R asks if SE will provide elec connections for installation on remaining SS At Ft.L Fwd C&R--installation satis. 11/16 C&R lists vessels to be installed on 11-23 To Philadelphia, Chas--Auth work on certain ships. 11/26	
171857	11/18	NY	Install dampers, night signal lanterns; reqt authority to cancel job order.L	
173733	12/4	CO	Alterations to absentee and man-of-war lights and 125 volt motor in blacksmith's shop.L TO -- Disap; new style to be installed. 12-14	
175204	12/30	NY	Reports on elec control for searchlights installed on ARANSAS; submits estimate for manufacturing controllers as suggested in letter of May 28, 1913	708
178228	1-4 1-18	CO NY	Reqd repairs to a fan and bridge meggor.L	
178548	2/11	To NY	Illuminating sets; fws print showing changes in; reqd copies of corrected plan covering changes	488-5
179244	2-11	NY	Relative to failure of ship to receive searchlight shutter. L Held Via CO--Auth issue of shutter. 2/17 RB 3/17	

ARLANSAS: LIGHT AND POWER SYSTEMS. 121 -- 5

Number.	Date.	From or To--	Subject.
181796	3/16	NY	Illuminating outfit; fwds plans and estimates 488-5
182943	3-27	NY	Auxiliary lighting system; submits estimate and plan.1 To--Approvs with changes. 3/30
182907	3/11	CO	Reqn 416; sheet fibre; states was required to manufacture experimental blinder tubes as directed by Commander BS Squadron; present type unsatisfactory 711-1
184709	4/12	CO	Automatic lamp for 12" searchlight; reqt.1 To--By does not consider practicable ✓ (2 spare lamps carried on VESTAL) 4/20
185428	4-20	NY	Illuminating outfit; fwds print and estimate.1 To--Approvs plan and estimates. 4/20
✓ 185599	4-24	To NY. (R)	& WYOMING-NEW YORK-TEXAS-re t information location battery charging station auxiliary lighting batteries for engine room circuit and fuel oil system.1 NORX will fwd 26th (T) 4-25 NY replies; also for NORTH DAKOTA 4-26 (R)
✓ 185681	4-24	C&R	Elec detaching device for Franklin life buoys to be tried on; instructions.1 C&R copy of circular requesting preliminary report 4/8, 17
186645	5/2	NY	Aux lighting system; fwds revised prints.1 NY submits revised estimate 5-15 TO NY appvd 5-31
188640	5-22	C&R	Re arrangement of searchlight platform.1 To--Arrangement satis. 5/24

1914

ARKANSAS: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
141215	12-28	CO	Reqt additional lights in turrets.L. Fwd NY-- For estimates on. 12/7 To NY-- Appvs. 12/11
142674	~~12-26~~ 12-21	~~CO~~ NY	Shutter in lens for 36" searchlights.L
142926	12-23	NY	370-756-6 List of work necessary under requests for overhaul se searchlight control.L
143468	12-14 12-21	CO NY	101 Searchlight controls: est for installing.L To NY-- Appvs. 1/4
148117	2-15	CO	Reqt authority to turn in Cooper Hewitt lamps.L To via NY--Auth to store; call survey on. 2/25
✓ 151138	3-31	C&R	95 Reqt Bu make necessary elec arrgt for elec detaching device for Franking Life Buoy. L Fwd NY-- SE work appvd 4/1 RB 5/15
✓ 151402	2-6 4-3	NY Industrial Manager	Estimate for installing 44" Harle searchlight and control.L Fwd C&R-- Have auth work. 4/6 RB 4/12 To NY-- Authorized. 4/6
151629	4-1 4-6	NY C&R	Install 44" Harle searchlight.L Fwd C&R-- Rec appl of. 4/7

ARKANSAS: LIGHT AND POWER. 121 -- 5

Number.	Date.	From or To--	Subject.
✓ 155513	5/19	NY	Renew lenses for elec night signal sets; cancel job order. L
155640	5/18 5/21	NY C&R	Installation of additional searchlight platform; recommend cancellation of job order. L C&R regt return 6-223 Fwd C&R-- Noted. 6/26
158220	6-10	CO	Regt authority to turn in old type night signal set. L To-- Appvs. 6/28
✓ 162802	7/24 8/4	CO NY	Elec remote control for searchlights. L To NY--Appvs. 8/9
✓ 162810	8/3	CO	Elec distant control for searchlights; regt authority to turn in controllers. L To-- Appvs. 8/9
167893	10-8	CO	Regt authority to turn in 187 NWT portables. L To--authorized 10/16
✓ 168241	10-12	CO	Night signal leads to be installed armored cable, change switch and receptacle on flag staff from lighting to battle circuit. L Fwd NY--Work authorized, 10/14 R 10/27
168740	10-18	CO	Substitute 600 amp for 400 amp switch for grows galley. L To NY appd 10/21
169514	10-21	NY	Estimate for fitting adapters night signal sets. L To-- Appvs. 10/27

1913

ARKANSAS: LIGHT & POWER

Number.	Date.	From or To—	Subject.	
101197	7-2	ARKANSAS	GALLEY GEAR: reports on current consumed for galley gear as showed by wattmeters installed.	654
✓ 112700	12-11	NY 370-960-31	Submits new estimate for repairs to illuminating set.L To---appd.12/16. TS---Revised job orders appd.12/17.	
115419	1-14	NY 320-593-1	Flight signal set; revised estimate.L To---appd.1/20.	
116740	1-26	NY 320-593-4	Illuminating set; revised estimate for fitting L. To---appd.2/4.	
120234	3/18	To NY	Paralleling of generators of forward and after dynamo rooms; asks if experiments on ARKANSAS and WYOMING indicate this plan feasible.L	
✓ 120497	3-20	NY 935-630-2	NEW YORK & ARKANSAS: WYOMING: reports on testing of generators in parallel; no difficulty experienced; recommends installation; and against use of extra ammeters and voltmeters.L	
120852	3/26	NY	Comparative test 44" Harle searchlight completed; asks if same is to be installed on ARKANSAS	708

1914

ARKANSAS: LIGHT AND POWER 121--5

Number.	Date.	From or To	Subject.	
121297	4/1	To ARKANSAS	Trial of 44" Harle searchlight to determine whether gold-plated mirrors are superior to silvered mirrors for use in mist or fog; instructions.	708
121734	3-31	CO	Reqt authority to turn in spare units of old type elec. ranges. L Fwd C&R. 4/8.	
121940	4/8	NY	Gen. sets; operating in parallel; result of test on NEW YORK & ARKANSAS; can be done in emergency but recommends against regular operation	660
122199	4-11	C&R	& FLORIDA: metal furniture; reqt additional lights for Secretary, toilet lockers, and desk. L	
122578	4/14	ARKANSAS	Harle searchlight; report landing at Norf; prelim test very satis	708
122797	4/16	Norf	Harle 44" searchlight; reports receipt of from ARKANSAS	708
123539	4/27	ARKANSAS	Harle light superior; very little fog or mist	708
124228	4/27	ARKANSAS	Harle searchlight; favorable report on; states use of gold mirror increases visibility but not intensity	708
136818	10-13	CO	Install additional light in Navigator's store room. Fwd NY-- Appvd. 10/14 Re 10 24	
139776	11-16	CO	Reqt shipment of lens for 12" signalling searchlight. To--Have retd shipment from NY. 11/18 To S&A--Reqt shipment, 11/18	

ARKANSAS: LIGHT & POWER.

1912

Number.	Date.	From or To--	Subject.
84078	11-29	NY 320-630-15	Turbo gen sets: fws test sheets. S Fwd NYS for information. 12/5. RB 12 10
84238	12/4	GE	Turbo Gen. list of spares as furnished: 660
84749	12-10	NYS 1474-4024	Searchlights: Inspr. GE asks if front door strips shall be shipped direct to vessel. L
85175	12-14	NYS 1491-71123	Est. inc. cost for installing outlets for elec. candlesticks. N To---Comments: request revised est. 12/17.
85417	12-18	NYS 1531-71123	Elec. candle sticks: inc. cost. L. To---appd.---To Gen Inspr. 12/19.
85532	12-19	NYS 1535-722-21	Night signal set: fws revised estimated change in cost re location of. L.
85578	12-18	Bd on Changes, NYS	WT in lieu MWT portables: inc. cost. N To NYS appd. 12/20.
85583	12-18	ditto	Galley equipment: elec. inc. cost. N To NYS. Appd. 12/20.
85584	12-18	ditto	Night signal set: re location of inc. cost. N To NYS. appd. 12/20.

ARKANSAS: LIGHT & POWER 121-5

1912

Number.	Date.	From or To—	Subject.	
85587	12-18	Bd on Changes, NYS	Illuminating sets; change: inc/coast. N To NYS. appd. 12/20.	
85667	12-18	Bd on Changes NYS	Inc. number elec. candle sticks; inc. coast. N To NYS. appd. 12/21.	
			1913	
88377	1/23	To Dept. via CAR	Equipped with 16 searchlights, recommends 8 be removed.	708
✓ 92600	3-13	NYS 3375-2024	Searchlights; have receipt for 4 sets of front door glasses sent NY.L.	
✓ 93617	3/27	NY 370660-5	Estimate for installing wattmeters on electric galley circuits.L	
95025	4/29	To CO	Power summary list: request list showing leads for various power feeders; fwds prints and blank forms.L To request reply 5/17. ARKANSAS: unable to make up with present ammeter. 5-21	
96686	5/7	To CAR	Removal of vacant platforms.	708
98684	5-31	CO	Power summary list: fwds.L	
99070	6-7	NY 320-854-7	Portable deck winch: estimate for installing elec.L Fwd CAR. 5/18. Fwd CAR. 7/24. NY rec. action 7-18. Fwd CAR. 7/24. Fwd Dept. for action 7/24. Fwd CAR. 7/31. To --- appd. 7/31. Fwd CAR. 7/31.	

ARKANSAS: LIGHT & POWER.

1912

Number.	Date.	From or To—	Subject.
78703	9-24	NYS	Gyro compass firing; none installed by contractors.L
78706	9/24	To Sperry Gyro.Co.	& WYOMING: elementary diagram of gyro.Compass.L
✓ 78748	8-28	Navyn	Gyro compass; will be ready for installation when ship arrives at New York; also reports contract awarded for Gyro for WYOMING: F class, G-1 and G-2.L.
79169	9-30	Phila 320-315-7	Reqt. instructions re testing generating set.W TO -- Instructions. 10-2
✓ 79999	10-9	Sperry Gyro Co	WYOMING: fwd tracing of wiring diagram.L To NY. Fwds Vanduykes. 10/14.
✓ 80637	10-21	C&B 25327-E.293	Searchlight rheostat rooms: require no additional ventilation.L TO -- confirms understanding. 10-22
81372	10-29	CO	Reqt. delivery of storage charging battery panel be expedited.L. To Phila. Asks when panels may be expected. Also for WYOMING. 11/1
81756	10-24 10-26	CO NY 370-660-18	Repair gen. set ammeter. L
81757	11-1	NYS 1273-2024	Searchlights supplied by Govn; only 4 sets spare parts received for 8 lights.L To -- Requirements. 11/13. NYS has instructed to ship to vessel 11-14

ARKANSAS: LIGHT & POWER. 121-5

Number.	Date.	From or To--	Subject.
✓ 82037	10-29 11-7	NY C&R 28493-E.15	Additional lights in powder passing rooms: asks if chargeable to Govn. L. Fwd C&R. 11/12
✓ 82219	11-9	Phila 32C-322	& WYOMING: charging panels for storage battery: reports on status of delivery of material for: difficulty in securing rheostat, etc. L
82248	10-29	NY 330-175	Incidental C&R work in connection search- light. # controllers L Fwd C&R 11/12
✓ 83103	11-20	NYS 1357-72815	Illuminating set: increased cost, changes. L To---appd. -To Gen Inspr for inc cost. 11/23
✓ 83104	11-20	NYS 1358-7229	W.T. in line of W.T. portables: est. inc cost. L To---appd. -11/23 To Gen Inspr. 11/25
✓ 83106	11-20	NYS 1359-76717	Elec. galley gear: inc. cost. L. To---appd. ---To Gen Inspr. 11/25.
✓ 83109	11-20	NYS 1368-72221	Night signal set: re-location: inc. cost. L To---appd. ---To Gen Inspr. for inc cost. 11/25.
83429	11-23	CO	Storage battery charging panel not yet supplied. L To Phila: request notification when ship- ment is made. 11/30.

ARKANSAS: LIGHT & POWER:

1912

Number.	Date.	From or To—	Subject.	
72097	6-25	NYS 770-2016	States No. 1 gen set is being dismantled by GE due to short circuits found in coils. L To GE and Mass. quotes letter. 6/29.	
72207	6-26	NYS 778-2024	Test searchlights: fwd data; also data on ventilation rheostat store rooms. L To Mass. at certain information. 7/6. Fwd C&R. 7/6. BB 7 10 Fwd C&R. 7/20.	
72209	6-25	GE	Searchlights on contract 14154: contractors disclaim responsibility for condition of resistance coils. L Fwd NYS. 7/6. BB 7 10	
72317	6/28	To Mass.	& WYOMING: Armatures for 300 kw sets: trouble with. — if shipped to Lynn directs examine and report condition. L	
72526	7-1	NYS 291-2024	Searchlight controller cable: relative to furnishing 100' lengths. L To NY. Items authorized after del. by contrs. 7/5.	
72505	7-1	Crampa 480-150	Allowance list: candle sticks: objects to furnishing more than one fixture for each outlet on lighting system; no precedent	121-21
72702	7-5	NYS 813-2112	Gen sets: recommendations provisions be made for using hand torches. L To --- appd. 7/9.	
73082	7-9	Ord 25124	& WYOMING: resistance needed only to charge Edison gun firing storage batteries. L Fwd ports. in conn. with mfr. of charging panels for NEW YORK and TEXAS. 7/12. BB 7-25	

ARKANSAS; LIGHT & POWER. 121----5

Number.	Date.	From or To—	Subject.	
✓ 73359	7/13	NYS 854-2112	Gen.Sets: relative to changing balance weights and giving new tests to armatures. L NYS 7/19. States expect to finish changing on 17th. L	
✓ 73360	7/13	NYS 850-8691	Gen.Sets: requests instructions re making insulation tests on spare armatures. L To—To be tested in usual manner 7/16	
✓ 73329	7/19	NYS 890-6116	Turbo gen.sets: provides for using hand tachometer. L	
✓ 73927	7/19	NY 370-630-12	Turbo generating sets; spare armature; high potential test; recommends be made at and in lieu of at works of NYS Co.1 To---a.p.d. 7/24.	
259	7/26	To NYS & NY	Wattmeters; test on ship not required. L	629
74845	8/2	NYS 936-6116	To-locate electroliers in Captain's stateroom and cabin. L To-Appd. 8/5	
75263	8/7	NYS 964-2024	Tests of searchlights and ventilation of storerooms where rheostats are located. Contractors request retest be not made. Disapproved. L To-instructions 8/11	
78234	9-17	NYS 1099-335	Contractors have not installed any wiring for gyro compass installation. L To Phila. instruc. 9/23	

ARKANSAS: LIGHT & POWER: 121-5

1912

Number.	Date.	From or To—	Subject.
65587	4-5	NYS 388-2221	Night signal: fws print.L
✓ 65720	4-6	GE	Searchlight on contract 14154: re unsatisfactory condition of on delivery. Was in perfect running order when shipment was authorized.L
✓ 65631	4/6	To Mun.	Turbine turning motors: factory inspection waived on starting appliances.8-1
66118	4-11	NYS 414-2024	Searchlights: states matter is between contractors and General Elec.L To--- were purchased on cont.14154. 4/16.
✓ 66119	4-11	NYS 415-2515	Portable elec.storage battery lights: gives number asks for by Inspr.Ordnance and asks if will be supplied.L To--- & Co. s. 36 portable el storage battery lights will be supplied. Also WYOMING 5/1. P.S. 18. RY 5-20
✓ 66787	4/20	To NYS	Recd contra' light list or summary of fixtures, giving total number and various types of fixtures as installed and authorized.L
66918	4-22	NYS 450-2221	Night signal set: recd. Bureau furnish conductor cable for. L Fwd NY. Asks if has & cost. 4/25 R.E.5-2 To S.A. recd shipment of cable to IY3 Co.5/4. To---advising.5/6.
✓ 67514	4-29	NYS 476-229	Light list: gives prnts and summary fixtures.L Have substituted 20 WT in lieu of 30 WT portable. 4-30

ARKANSAS: LIGHT & POWER: 121-5

1912

Number.	Date.	From or To	Subject.	
68635	5/10	NYS	Comments on work reported as unsatisfactory on UTAR in connection with Gen. Set. etc	121--8
68698	5-13	NYS	538-2016	Gen sets; explains defects in armatures. L
7028	6-1	NYS	649-822-21	& JARVIS: r-commends omission of w.t. box and pilot lamp for screen speed light; until after delivery; recommends installation by contractors on DOWNES. L To ---appvd. 6-5
70858	6-10	NYS	670-2112	Gen set: SE is arranging to substitute weights made of manganese bronze and cap screws of Tobin bronze. L To---appd. 6/14.
71426	6-17	NYS	714-2024	Searchlights: re non delivery resistance clause for motors of L.
71424	6-17	NYS	715-2112	Turbo generators: re balancing weights. L To---rejected. 6/19.
71441	6-17	Ord	25124-72	WYOMING: storage battery charging panels: asks if Bureau has provided for L. To---will be mfrd at NY.-Fwd Phila. for comment. 6/28. R.R. 7.6
72066	6-25	Phila	320-322	Battery charging panel: work not yet started: material is assembled. L

ARKANSAS: LIGHT & POWER:

Number.	Date.	From or To—	Subject.
61840	2-21	NYS 214-2221	Night signal sets; change in same will delay completion of vessel. L To--Su will furnish contrs with cable. 2/24.
✓ 61954	2-23	NYS 211-72210	Stern light; est. inc. cost due to change in type. L To NYS. appd. --- To Gen. Inspr. For inc cost. 2/28.
61947	2/23	NYS	Fwd contractors comments on instructions for final trial, on water rate gen. sets. 121--2
✓ 62332	2-28	NYS 238-2024	Searchlights; reports resistance coil of training motors, elec. contro. in bad condition from overheating. L Fwd G.E. or rec 3/6. E.L. To--comment. 4/10. To CE. Request decision. 8/21.
62645	3-4	NYS 249-153	Battle compass system; fws prints of power wiring diagram. L To--appd. 3/7.
62662	3-4	NYS 257-2024	Searchlights; rect. shipment be expedited. L To CE. Asks when shipment may be expected. 3/6. 311133-10
62686	3/4	To Mass	GEN. SET; turbo: reqs curves of water rate, E.L. with accompanying curve of pounds steam, per cent of full steam pressure water rate. 660
63016	3-7	NYS 268-2024	Searchlight; contractors complain delay in delivery. L To--Left works 5th inst. 3/14.
63370	3-7 3-11	Dert C&R 26834-H. 271 25096-E	& WYOMING; authorized changes in drain system shaft alley and bilges; at increased cost. N 121-15

ARKANSAS: LIGHT & POWER: 121-5

Number.	Date.	From or To—	Subject.
✓ 63429	3-11	GE 14154	Unsatisfactory condition of searchlights; GE has taken up direct with NYS Co. L
63897	3-18	NYS 308-2221	Night signal sets; will submit modified plans length of cable necessary, later. L
64568	3-25	NYS 311-2221	Night signal sets; fws print showing re-location. L To---instructions re leads. 3/27.
✓ 65171	3-30	NYS 354-103	Gyro compass system; fws power plans modified to include leads for. L
✓ 65288	4-2	Bd. on Changes, NYS 377-72210	Portable signal lanterns for after anchor light; inc. cost. N To NYS appd. 4/3.
65225	4-2	Ditto	Armoring searchlight cable; inc. cost. N To NYS. appd. 4/3.
✓ 65431	4-4	NYS 389-72012	Est. for increase cost for change in turret bidders. L To---appd. 4/6.
✓ 65560	4-3	Phila 320-322-5	& WYMING; battery charging. L; asks if their manufacture is desired; submit estimate. L To---Will be satisfactory in accordance with original design. 4/9. To---reqst status. 6/19.

Number.	Date.	From or To—	Subject.
✓ 58019	1/8	NYS 16-72024	Searchlight cable; armoring of; est. inc. cost. L. To --- appd. --- To Genl Insp. for inc. cost. 1/10.
✓ 58021	1/8	NYS	Reqt. searchlights to be furnished by Govn. be expected. L. To GE. Asks if delivery 36" can be expedited. 1/10. To --- Will be furnished before Feb. 20th. 1/15.
58465	1/11	GE 55	Searchlight; will be ready for shipment 2/20. L
54789		SEE CARD #6	Gyro compass: change in spec'ns; To NYS quotes 57095-468-5 of Dec. 28th. 1/12.
58535	1/12	To NYS	Gyroscopic compass: requests contractors prepare and submit working wiring plan. L
✓ 59273	1/22	To NYS	20 7 T. portable fixtures to be furnished in the 1st or 2nd 1st. port bles. for use in or around fuel oil tanks. to comply with Spe. Order No. 14. Change in cost involved. L Reqt. interpretation. 1/23 To --- Asks if those referred to in 58735-121-21 of 1/18/12. 1/27.
✓ 59360	1/23	To Mass.	Generating sets; 300 H.P.; requests water rate curves. L
59609	1/25	G&R 25055-E.25	Cold storage plans; re: fitting blkhd lights. L Re: --- 1/30.

ARKANAS 121--5

Number.	Date.	From or To—	Subject.	
59705	1/24	Navy	& WYOMING: gyro compass installation; fwds print giving external connections and overall dimensions.	488-5
59366	1/29	Mass 384-18	Gen. set; water rate; fwds sheet showing curves. S-1 Rel. --- Directs enter curves on tracing. 2/2. Rd Bd 145.2/24. RE 7-3	
59875	1/29	NYS 101-229	Lighting system; states discrepancies in Bu. references in plans and rect. correction. 1 To --- Correction directed. 2/2. 2/12	
60194	2/1	NYS 110-2024	Searchlight rheostat; Axis print showing location. L To --- appd. 2/3.	
60636	2-7	NYS 1132-	Rect. instructions re omitting lamps in passageway to battle compass station in connection with omission of same. L To --- Instructions. 2/10.	
60115	2/8	to Dept.	Installation of night signal set aft. Rec this change be treated as change of cost under contract.	205-5
61065	2-12	NYS 123-2024	Searchlight rheostats; fwds prints showing location of. L	
61070	2/14	To NYS	Night signal sets; directions for installing. Change in cost. (Quotes Dept's action No. 26613-257. Feb. 10th. 2/14. L)	
61310	2-13	Mass 3384-20	Generating sets; fwds test sheets for spare armatures. S To NYS & --- Prel accepted. 2/17.	

ARKANSAS: LIGHT & POWER SYSTEMS.

Number.	Date.	From or To—	Subject.	
✓ 53662	11/13	NYS 1284 -675	Fwd dynamo rooms: fws prints showing elec. installation. L To--Appd. 11/24.	
✓ 53953	11/18	NYS 1306-264	Fws catalog giving description of proposed elec. heaters, laundry and soldering irons. L To--30 apr installation of elec. heaters, etc. 11/21.	
✓ 54120	11/21	NYS 1312-72210	Stern light: change in type: est. inc. cost. L To Gen Inp-Fws. 11/27. To NYS-Rer. to Bd. Changes. 11/27.	
✓ 54350	11/23	NYS 1320-29	Fireroom lighting: submits prints: invites attention to location of gang switches, etc. L To--Appd. 11/25.	
✓ 54634	11/27	Mass. 3384-12	Turbo generating sets: fws test reports. S&L To NYS-Fws copy of report. 11/27. To--irel. accepted and shipment auth. 11/28.	
54752	11/28	NYS 1347-72210	Submits estimate sheets for stern light: change in type. L	
✓ 54789	11/14 11/28	Nav. 8402 C&R. 25272-E.63	Re securing estimates of increased cost for wiring for gyro compass and accessories. L Fwd Dept. C&R. 12/2. C&R 12/13 restructure. L To C&R-Papers fwd to Dept. Dec. 2. 12/16. F.B. 12-28 Fwd Nav. 12/26. To NYS & Crampton. Quotes. 12/26.	CARD 9
✓ 55241	12/5	NYS 1370-103	Requests wiring diagram, if insulation is contemplated. L To--Awaiting decision. 12/9. To Nav-ent prints showing proposed gyro-scope installation. 12/9.	
✓ 55584	12/7	NYS 1384-234	Generator leads in after dynamo rooms: fws prints. L To--Appd. 12/12.	

N.S.E. Form 134.
 ARKANSAS: LIGHT & POWER SYSTEMS. 121--5

Number.	Date.	From or To	Subject.
✓ 56154	12/14	NYS 1412-2024	Operating gear for searchlight rheostat; fws prints. L To--Disappd with comments. 12/23.
✓ 56259	12/13	NYS 1407-2329	Leads through W.T. plate in turret tube; fws print. L
✓ 56761	12/19	Nav. 8745	Gyroscopic compass installation; fws print of showing external electric connections. L
✓ 56985	12/13 12/19	Nav. 8725 Ord. 24176-47	& WYOMING: installation of gyro compass. Recommends certain work be done by contrac- tors at change of cost. L Fwd Dept-Concurs. 12/28. RB 1-18 To Crane & NYI. Instructions. -- fws Nav. via Ord. recast wiring plans. 1/19. RB 1-18 Fwd Nav. via C.R. 2/1
✓ 57025	12/26	NYS 1561-2024	Searchlight rheostat operating gear. Recommends handles be placed in distribu- tion room as close as practicable to bulk- head or mounted on same. L To--Will consider; submit sketch. 12/28.
57216	12/27	NYS 1457-227	Fire room lighting: fws prints showing arrangement. L
57534	12/23	2&R	& WYOMING: relative to necessity of placing switch panels near master compas. 488--5
57988	1/6	C&R 25263-E.8	1912 Searchlight platform: fws print, L

ARKANSAS: LIGHT & POWER SYSTEMS.

Number.	Date.	From or To—	Subject.
✓ 46566	8/17	NYS 970-229	Fwds prints showing wire leads in ammunition passages. L
46631	7/28	GE	SEARCHLIGHTS: fwds list of on various contracts not yet delivered and rec't instructions re change to armoured controller cable for: 708
✓ 48364	9/11	TO NYS	Searchlight cables: directs return to GE Co; have ordered other with armoured copper wire. L
48632	9/14	C&R 25099-L.25	Fwds prints showing modification to dynamo fans. L Ref. C&R satisfactory; 9/21
✓ 48899	9/18	NYS 1092-229	Lighting in turrets & upper handling rooms recommends additional lighting fixtures. TO - authorized 4 addl. 9/23
49527	9/26	GE Co T	1st gen. set tested and approved; req't. shipment be authorized. L. To Mass - accept 9/27 TO - have instructed Mass. 9/27
49478	9/25	GE	SEARCHLIGHTS: control cables for: ordered to proceed with mfg. 708
50211	10/4	NYS 1164-229	Lighting system: fwds drawings giving summaries of fixtures and wire on main and bridge decks. L
50216	10/4	NYS 1156-4512	Fwds prints of wire leads on after fire control tower, and suggests changes in stern light and top light. L. To Mass - as mod. 10/10.

ARKANSAS: LIGHT & POWER SYSTEMS. 121-5

Number.	Date.	From or To—	Subject.	
✓ 50350	10/5	Mass 3384-5	Gen sets; fwds test report. S	
✓ 50697	10/9	Mass 3384-8	Turbo generators; fwds test report. S	
50802	10/10	NYS 1188-678	After distribution room: fwds prints showing location of switchboard rheostats, etc. L To---Appd as mod. 10/18.	
50958	10/12	NYS 1192-229	Fire room lighting: fwds prints showing: reat. instructions re switches for individual lights, etc. L To---Instructions. 11/4.	
51086	10/14	C&R	WYO. & addl. wattments for dis. board RE 12-78 pps	488-5
✓ 51380	10/11 10/18	NYS 1192-2210 C&R 25225-E.20	Re location of range light. L. Ret. C&R. Refers to 36214-488-5 of May 11th. 10/20.	
✓ 51802	10/23	C&R 25263-E 4	Searchlight platform: fwds prints. L To---Satisfactory as commented. 10/31. To---Other modifications. 11/15.	
✓ 51833	10/24	NYS 1212-678	After distribution room: fwds print. L	
52611	11/2	Mass 2384	Turbo gen. sets: fwds test reports. S To NYS Presl accepted. 11/E.	
52944	11/7	NYS 1267-678	After dynamo room: fwds print showing elec installation in. L. To---Appd. 11/14.	

Number.	Date.	From or To—	Subject.	
✓ 39935	5/29	NYS 680-2815	Illuminating outfit: recommends increase in wire size of dressing cables, etc. L. To -- Size should be increased. 6/8.	
✓ 40068	5/31	Brook 4716	Turbine turning motors: fwds test record Diels Mfg. Co. S. To NYS & Brook. Incl. accepted. 6/3.	
40137	6/1	To NYS	ARKANSAS: orders for elec. material, searchlights, etc	121--3
40594	6/6	NYS 706-229	Summary of lighting fixtures: fwds prints showing alterations in. L	
40802	6/9	NYS 735-2210	Anchor lights: re location on flagg staff and jacks. L. To -- Approves use of portable white signal lantern for stern anchor light. 7.	
41108	6/13	NYS	Signals, night: reqt additional information in connection with states spare parts does not agree with allowance list	711--1
41295	6/15	NYS	Relative to method of securing switches and receptacles on main deck at DARBOTTES. L. To -- Apprd as mod. 7/3.	
✓ 41301	6/15	NYS 762-2012	Spare parts for 1/4 HP port. ven. sets: re supplying. L. To -- Disapprd omission of spares. 6/22.	
✓ 41291	6/15	NYS 758-1118	--light electroliers are defective. L. Fwd Brook. for comment and rep. 6/24. R.B. 7-4 Fwd LY. Instructions. 7/10.	

ARKANSAS: LIGHT & POWER SYSTEMS. 121--5

Number,	Date.	From or To--	Subject.
V 41502	6/17	NYS 774-15	Fwds list of spare fuses for junction boxes. L Ref -- List d. lrd. 6/24. RBE 28
42146	6/24	NYS 787-2816	Illuminating outfit: fwds plans. L
42409	6/28	NYS 813-229	Fwds letter from contrs. re method of securing switch and receptacles at barbettes. L
43172	7/10	TO GE	& WYOMING: controllers for truck and screen speed lights: asks why drawing was modified. L
43322	7/11	NYS 835	Reqt. information re type of operating reflectors in sick bay. L. To -- Approved. 7/13.
43546	7/12	GE 59	WYOMING: controllers for truck and screen speed lights: gives reasons why changes were made. L. To -- Directs changes on Dr .870-H. 7/21.
43657	7/14	NYS 859-229	Fwds sketch showin. methods of securing switches and terminals on main deck at barbettes. L
44808	7/28	NYS 905-229	Ammunition passage: fwds prints. L To -- lrd. as lrd. 8/1.
45086	8/1	TO NYS	Fire room lighting: directs plans be drawn up in accordance with scheme enclosed. L

FILE No.	From or To— (Dated)	Subject.	
36225 4/12	NYS 451-239	Power system wiring; fwda prints.L.	
36249 4/15	To NY	SEARCHLIGHTS: directs stowage behind armour be provided for only 8 of the 16 additional.	708
✓ 36956 4/24	NYS 500-277	Summary of lighting fixtures; recommends change in number of battle lanterns to allow one for each additional searchlight.L To -- Aprd 5/22.	
✓ 37361 4/28	Avery, W.Y.	& WYOMING: Reports on inspection of switchboard material at Walker Elec. Co. and Cutter Elec. Co. L	
✓ 37607 5/1	C&R 25224-E.1	& WYOMING: fwda corres. and print showing stern chock and flag staff and rest. instrns. relative to staff carrying running light.L Fwd Dept. Noted. Print fwd. 5/10.	
37693 5/2	NYS 529-229	Lighting system; fwda print giving summaries.L	
✓ 38132 5/6	NYS 524-2016	Turb. gen. set; fwda print of field rheostat.L Ret -- aprd 5/12. RB 5-16	
✓ 38660 5/13	G&R 25099-E.20	Dynamo rooms; genl. arr. fwda prints.L Ret -- Satisfactory as mod. 5/16.	
✓ 39407 5/23	TO NYS	Searchlights: stowage of eight; gives directions for. L	
39408 5/23	To C&R	& WYOMING; do	488—3



FILE No.	From or To— (Dated)	Subject	
✓ 34767 3/27	NYS 373-2616	Switchboard: fwds list of spare parts. L Ret -- Apprd 4/26. BB 5-1 Reqt. action on. 4/22 Ret -- Rel size of fuses. 1/11. BB 5-20 To Cramps. Apprd. 5/28.	
✓ 34872 3/28	NYS	Illuminating outfit: fwds plans with comments. L Ret -- Apprd as mod. 3/30 R.R. 4/8	
32996 3/31	Fwd Cramps via NYS	& WYOMING: Addtl searchlights; desires be installed.	488-5
✓ 35141 4/1	GE (T)	States Diehl Co. placed order for turbo sets today. Unless sets for FLORIDA ordered imme- diately ARKANSAS sets receive precedence. Y	
✓ 35147 3/31	TO NYS	Conductor cable to be inspected by Inp GE.	
✓ 35203 4/1	NY Yd 370-630-9	Turbo-generator set: Diehl Co. submits re- sult of test. L To -- Apprs rejection 4/4. Fwd NYS. ad- vises of rejection 4/4. R.R. 4/11	
✓ 35473 4/5	NYS 427-229	Fwds prints of 5-light reflector modified for portable fixtures. L Ret -- apprd 4/7. R.R. 4/11	
✓ 35665 4/7	NYS 441-2016	Turbo gen sets; fwds plans and list of spare parts. L Ret -- Apprd as mod. 4/11. BB 4-21 Ret -- apprd 4/21. BB 4-27	
✓ 31830 4/11	To Cramps	Dynamo room: reget addtl print showing arrgt of machy. of WYOMING. L	



FILE No.	From or To— (Dated)	Subject.
✓ 33885 3/15	NYS	Lighting system: fws prints showing changes in wire sizes.L.
✓ 34024 3/17	Nys 316-2616	Fws prints of name plate for switchboard.L. Ret-- Apprd as mod.3/24. R.B.4/2
✓ 34019 3/17	NYS 317-1114	Cent.actors propose using Keystone volt and ammeters; Inspector states instruments are not satisfactory. L Ret -- Not apprd 3/21. R.B.3/25
✓ 34328 3/22	Diehl Mf.. Co. (T)	Gen. sets - requests N.Y. Yard work over-time to complete tests. L Fwd NY for recommendation 3/22. R.B.3/28
31620	See card #2	Installation of addtl searchlights and torpedo defense system. Ret NYS. Comments.3/21. R.B.3/24. Fwd NYS Grouping of guns apird; searchlights should be arrcd in unbalanced position.5/25. R.B.3/29
34373 3/22	NYS 22351-7229	Submits estimate for increased cost for 20 additional lights in engine room passage. L To Gen Insp. for inc cost. - Ret -- apird. 3/24. R.B. with comments.4/6. To Gen Insp. Letter of 24th par. canceled.4/7.
✓ 34446 3/23	NY Yd. T	Turbo gen. sets; work overtime in 2 shifts to expedite completion.L
29209	See Card #1.	To NYSElan Satisfactory. - Fwd C&R for comment. 3/28. To Cramps. Fws plan. Recsts plan showing electric leads at base of tur- rets.3/25. R.B. from C&R 4/1. Fwd NYS for information 4/5. R.B.4/11
35083 3/31	NY	FLORIDA: rel placing order for gen.sets. states ARKANSAS failed to work.



ARKANSAS: LIGHT & POWER SYSTEMS.

FILE No.	From or To— (Dated)	Subject	
U3162D 2/14	NYS 182-3024	Suggested locations for 16 searchlights; contractors interior communication plans were drawn up on the base of 8 searchlights; reat. instrum. L	See card #3.
28715 2/14	To C&R	Ret -- 2/18 R.B.2/21 Ret -- notes Dept's appr for 1st. and 2nd. 3/13. R.B.3/17 Night sig. sets: discing and outboard 1st. times: Changes for Wyoming apply to ARKANSAS.	488--5
✓ 31870 2/17	To NTS	Quarter deck will be located on main deck fwd of frame 42, and instruments will be located on fwd side of diagonal bulkhead at about frame 40, main deck, starboard.	
✓ 32263 2/23	TO Dept VIA C&R	AND WYOMING: location of searchlights; asks if Dept. decision re installation of on battleships 34 and 35 is to apply to. L	
✓ 32571 2/27	C&R 25263-E.1	Searchlight platform; reqt. instructions re; ALSO WYOMING. L Fwd Dept 3/6.	
U 32828 3/2	NYS 257-2616	Gen. & distribution switchboards; fwds Walker Elec. Co. drawings. L	
32900 3/8	To NYS	Contrs may change the size of feeders B-25 and B-26, since the mercury vapor lights are wired two in series.	488-5
✓ 33600 3/11	Hart 456-33-724	Test of turbo gen. sets: fwds report and recommends shipment of machine be authorized subject to subsequent test. S Fwd NY Bu. will rec. test at NY Yd on receipt of NY Bu. 3/14. R.B.3/23	
33463 3/10	To Dept	& WYOMING: illuminating set: reqt auth to make changes at increased cost	488--5
✓ 33908 3/14	NYS T	Gen. set: reqt. bureau authorized shipment to NY Yd for test. (T) to Hart. Shipment auth. 3/15. To -- Test to be made - chargeable to Contrs. To NY instructions re test 3/17.	



FILE No.	From or To— (Dated)	Subject.	
28247 12/29	Genl Elec. 239-1-12	36" searchlights; reports shipment of coils covered with silk wire to New York	
✓ 28608 1/7	NYS 21-239-2616	Switchboard; & power plant; fwds prints showing alterations	
✓ 28876 1/11	NYS 36-239	Distribution boards, power deck plans, etc. Ret -- Change in wiring diagram 1/13. R.B.2/21	
✓ 29209 1/16	NYS 60-2329	Arr. of wire leads in turret; fwds prints Ret -- Satisf. as mod. 2/4. R.B. 2/25	See Card #3.
✓ 29204 1/16	NYS 53-239	Fwd Ord. plan satis. to Bu. 2/27. R.B.3/2 Ret -- Satisf. as mod. 3/13. R.B.3/21 Switchboard and power deck plans: fwds letter from contractor objecting to congestion on back of switchboard if made in accordance with plan	
30530 1/31	C&R	SEARCHLIGHTS: for VARIOUS SHIPS: with 16, rel. location, reqd data on: etc To Cramps. Notes Dept's appr. of location for ARK. and NYO. 3/14.	708
✓ 30635 1/31	NYS 118-229	Lighting system; fwds deck plans. L Ret -- Plans satisfactory 2/3. R.B.2/7	
31221 2/8	C&R	NEW YORK: Fwd prints showing assignment of rooms on quarterdeck.	131--5
✓ 31164 2/8	NYS	Reqd. approval of drawing of screen hlkd fixtures be expedited. L	
✓ 31621 2/14	NYS 177	Fwds prints showing arr. of leads through the "through type" magazine and bunker fixtures. Ret -- Ret for further information 3/27. R.B.4-24. To -- a.prd 4/28.	



[illegible]

ARKANSAS

RADIO

1922

Number.	Date.	From or To—	Subject.
616502	2/13	CO	Was print to accompany instrn booklet. W
616593	3/7 3/29	CO Atl. Fleet	Request replace loading inductance for 2 NY arc tra'sitter with later type in store at NY. To NY—Bu do an recognize type of loading coil referred to as being in store at NY 4/15 W NY 4/21 W
616313	3/7 3/9	CO Atl. Fleet	Request install extensions for radio tele- phones in flag office. W
616901	4/5	To Pug Smd (T)	Ask if extensions for flag office Model tare boy and tare cast radio telephones instld ARKANSAS in stock not originally instld as vessel not flagship then needed now W Bu. (1) Radio telephone extensions To Pug Smd (T) request disposition spare 4/8 To CO (T) alteration-- Ask if spare extensions and one spare T extension on board 4/10 4/13. (2) Spare extension plates on board CO ARKANSAS 4/11 T. Spare extensions on board W To Pug Smd (T) via Atl. Flt-Div 5- Buys instln of extension in Flag Office 4/15 W cc NY US Atl Flt.

121-6

Number.	Date.	From or To-	Subject.
✓ 623229	5/2	Atl Battleship Force	Report of inspection of radio & sound equipment W
613757	5/17	Atl. Battleship Force	Uni wave keys for arc transmitters on ARKANSAS & WYOMING. 898
✓ 625154	5/10 5/23	CO Atl. Fleet	Nothing heard of radio beacons on radio compass at Entrance to New York Harbor W
✓ 645933	10/9 10/16	CO Atl. Fleet	Sound proof booth - - recommends R type and E type.
652890	12/8	NY	Ask when material to complete radio projects will be shipped W To NY - Gives informal material co accounting fleet- CO 12/29

ARKANSAS: RADIO

1921

Number.	Date.	From or To	Subject.	
563569	5-14	To SEA	Reqt shipt of radio receivers from Puget Sound to Washington W 7416 Washn- 11/30 W	
563568	5-14	To SEA	Reqt shipt of radio receivers from Wash to Puget Sound W 7415 RB 7/14	
542324	5-16	To Puget Sound	Radio tele- WYOMING ARKANSAS N.Y. and TEXAS install of new radio equipment during coming overhaul. W	902
574497	7:11	C&R	Copy of letter to Pu: Sd authorizing incidental work in connection with install of to telephone W	
582915		see card 12	To SEA Reqt shipt of spare parts from Phila to CO 8635 8426 W	
595570	11/8 11/12	CO At Battleship Force	No post signature for motor for intra fleet set to turn. W. To Atl Fleet- Gives Action 11/29	

1921

Number.	Date.	From or To—	Subject.
597400	11/29	To NY	Instln of radio equipment on Ryds Vandikes W cc C-1-C All Fleet- Co's ARKASAS WYOMING W N.Y. - 12/7 7 CO - (T) - 1st new motor and blower be furn. 12/24 to CO WYOMING COMPANY (T) gives 1. for rel blower also wiring distns 11/28 W To P. H. (T) gives 1st rel blower 1/28 Authd proceed manufacture main antenna W To Eng Sd (T) report percentage completion main antenna 11/28 Eng. Sd. - (T) - All work on transferred to N.Y. 11/28 7
597398	11/28	To NY (T)	
9 597400		Forward from above	To NY (T) plans showing external connections needed for receiver that is installed below 3 booth to be sailing period gives inform W 12/30 To P. H. (T) 12/28 1/6 7 To P. H. (T) 1/10/22 issued to To P. H. (T) 1/5/22 To P. H. (T) 1/3- 1/10 (T) Y At 1. Battleship Force-C O Wyoming sails when blower may be expected. 3/2 To CO - stark and blower was shipped on 1/3/22 via the RELIER on bill of lading 3/22

121-6

12 ✓

ARKANSAS RADIO

1920

Number.	Date.	From or To--	Subject.	
470501	1/19	C&R	Copy telegram to Puget Sd approving alterations to upper deck radio houses for radio compass on ARKANSAS NY and TENNESSEE W	919
477358	2/24	to S.A	Reqt shipment from Mare Island to Puget Sound, radio apparatus for ARKANSAS N.Y. and T.A.S. W	898
451784	see card	11	Pug Sd-fwds radio prints-3;18	
483421	3/24	Pug Sd To Bat Div 6(T)-Pug Sd auth to make change if desired. Repts to be fwd via Copy to Pug Sd. To Pug Sd(T)-Relocation auth if desirable copy to Bat Div. #6	Request authority to relocate starting resistance of interfleet booths of WYOMING ARKANSAS as shown on Bureau drawing. W 3-30 3-30 1e-Div 6--T--reqt action concerning relocation of starting rheostat-3;29-W	
482941	3/20 3/22	Pug Sd (T) L&A	Request wire for radio instlms, ARKANSAS NEW YORK, & TEXAS. W Fwdd S&A 3/22.	906

121-6: ARKANSAS: RADIO:

Number.	Date.	From or To—	Subject.	
450372	3:16	Pug Sd	Fwds list of transmitting apparatus from WYO ARK & NY.	131-6
495990	4:6	Pug Sd T	Request authority to interchange radio batteries. W Pug Sd-T-impossible to make identical arrangement as on WYOMING-submits recommendations. W To Pug Sd(T)- Disa pvd. make ARKANSAS battery installation same as WYOMING-4-8 To Pug Sd(T)- Appvd. 4-10	4:9-W
488917	4/14	Pug Sd	Compensating set for main 5 KW spark trans- 898 mitter not advisable to equip WYOMING ARKANSAS TEXAS with same, at this time. W	
492650	5/5	P Snd	Arrangement of radio apparatus in main radio room - fwsd prints - W	
494756	5/14	P Snd	Fwds vandykes and sample covering substitute for insulator - W To Pug Snd Gives inform re insulators CC CO 5-8.	
496127	5/21	P Snd	Fwds special radio reports - W	
527040	10:28	CO	Request be placed on mailing list for monthly radio bulletin. W	
562915	5:5	Pug Sd	Request arrange for direct shipment of spare part boxes for 5 kw transmitter. W Fwd Boston cc ug nd 5/20 5-5-W	

Fwd SW Break 6/4 RB 7/11
Fwd Pug Snd 7/14

ARKANSAS; RADIO;

1919

Number.	Date.	From or To—	Subject.	
448673	10-3	To S&A	Reqt shipment sound proof receiving booths from Chasn to Pug. Sd. 10-3 H B 1/22 to Pug Sd. Sound proof booths shipped from Chana 10-22 to Pug Sd. 11-24	
451784	10-15	Pug Sd. (T) Pug Sd (T) has work started on radio alterations WYOMING & ARKANSAS. Plans similar will be mailed for TEXAS & NEW YORK. 10-28 Ong Sd-T-status of work-10:31 To Pug Sd-(T)-Scheme B for location aux radio room WYOMING & ARKANSAS satia. copy to C&R. 11-14 452117 10/16 C&R SEE CARD 12 To C&R- Give detail action. 10-26	Reqt plans showing layout of radio and auxiliary radio also trunk for ARKANSAS NEW YORK, WYOMING & TEXAS. W To Pug Sd (T) room lay t plans being mailed 17th. Proceed any work possible. 10-16 To Pug Sd-fwdg prints. 10-18 copies to CO WYOMING & ARKANSAS & C&R. Reqt recommendations as to use of old radio room as battery charging room-also modification to voice tubes. Y 121-8	
451907	10-15	C&R	Copy of letter to Puget Sound fwdg prints showing radio installation.	W
454503	10-30	To S&A	Reqt shipment transmitting sets from Boston to Pug. Sd. W RB-3;26	
427894	11/4	P Snd	Ask if Bu. will retain present type of radio apparatus on board WYOMING; ARKANSAS; NEW YORK & TEXAS.	493

121 - 6 ARKANSAS; RADIO

1919

Number.	Date.	From or To—	Subject.	
448787	11/18	To SEA	Reqt shipment from BIRMINGHAM to Washington British radio equipment on board W	876
✓ 455596	11-21	To SEA	✓ Reqt shipment insulators from Phila to Pug Sd. W RB-1:16	
✓ 467312	1:5	Pug Sd copy	Ask if can ship at once copper sheets as listed for antenna trunks. W C.R. copy of telegram to Pug Sd in connection with radio work to be per- formed on ARKANSAS OHIO WYOMING & TEXAS-1:5 Pug Sd-copy-1:16	
469261	1/10	Pug Sd T	Copper for antenna trunks-request express 1:1-8 shipment of- recommends vessel be not held solely for reinforcement of equipment. W Pug Sd-copy-1:16	
✓ 472346	1-29	To CO	Hydrophone equipment on. Advise disposition of oscillator-1-29 CO-no record of receipt or installation of oscillator-3:19 cross to 7	
✓ 473028	1/31	To Cdt Wash	Force tune system on- ARKANSAS and WYOMING. arpt reqt from Puget Sd Yd to install on WYOM rec equip intended for ARKANSAS. Req shipment recds be changed. copy Puget Sound W	

ARKANSAS: RADIO

Number.	Date.	From or To—	Subject.
384113	1-11	To S_A	Reqst ship from Phila to CO radio appr for RB 1:31:19
386908	1:18	Norf	Awds print of finished antenna plan W
388863	1:15 1:24	CO At Flt.	Req. coil in accordance with print enclosed be manfgd. for radio apparatus W
Wash. rec. shipping instr. will complete aerial coil 5:2			To- New coil being built at Wash Yd and will be furnished as soon as completed. 2-1-19
To S&A- Reqst shipt Radio aerial coil from Wash to CO. W 5-9-RB-8:12			To Wash- Reqts build aerial coil for and notify Bu when completed so that shipt instruction can be issued. 2-3
400722	3-2	Guantanamo	Commanding Chief has requested report on operation of inter fleet radio set W
412938	4-24	To S&A	✓ Reqst shipt amplifier from Wash to NY. W RB 5:18
416914	5-9	To C-C U S Fleet.	Fire Control radio transmitter for. Being shipped from Wahs. copy to CO. W

121 - C ARIZONA: RADIO

1919

Number.	Date.	From or To—	Subject.
423008	6-5	To S&A	Reqt ship short wave wavemeter from Wash to DO. W RB 11/17
431329	7-10	To S&A	Reqt ship audio control box from Wash to CO. W RB-12;8
431839	7-15	To CO (T)-	Radio receiving equipment expressed from Wash to Norf. July 14th. W
✓ 44656 ¹	9-20	Pug Sd T	Request expedite plans and data regarding radio installation on the WYOMING NEW YORK ARIZONA AND TEXAS. W C&R 10-15 Copy of telegram to Pug Sound giving action. Pug Sd-10:15 10-1 was Vandykes. 10-23
446394	9-22	To S&A	Reqt shipment receivers from Wash to Pug Sd. W
✓ 446814	9-23	To I.M. Norf	Transfer of outstanding radio work on, to Pug. Sd be expedited. W RB-929

Number.	Date.	From or To.	Subject.
317940	6-18	CO T	Request instructions for operation and installation of radio compass. W To C.O. (2) instructions being fwd from Bufile 6-24 To Bufile (2) fwd one copy radio compass 6-24
317911	6-20	To S&A	Rest shipment radio apparatus from Wash to CO W
319561	6-22	Norf	Confirms telephone conversation in connection with radio compass to be used in radio installation.
320729	6-27	To S&A	Rest shipment radio set from Wash to C O W To CO, Failure to report receipt of radio 7-23
320926	6-28	To C O	And prints re install of radio compass equip W
322820	7-3	To C O (2)	Special message in connection with Norf lost itinerary, 7-3, W 2-24

121 — 6 ARKANSAS: RADIO:

Number.	Date.	From or To--	Subject.	
324045	6-23	CO	Radio house taken from ARKANSAS will be returned to Norf. Id.	455-6
324762	7-15	To S&A	Reqst of radio apparatus Wash to CO To CO, Reqst acknowledgement of radio S-8	
324507	8-9	To S&A	Reqst shipment wave meter Wash to CO W-RE-8;12	
340009	8-20	Norf	Trunk plane radio telegraph fws prints	- W
343394	9/3	To S&A	Reqts script of radio mail from Wash to N. News for ARKANSAS	918
365907	11/6	To Norf.	Reqts drawings of Brock Keys. W Norf. will fwd plan Dec. 7 W 12:4 Norf. fws prints 12:20 To Norf. reqst drawing be fwded. Bur: 11/6/18	121-20

ARKANSAS: RADIO.

Number.	Date.	From or To—	Subject.
279794	2/7	Commander Battle Ship Force R	States Sperry can supply short wave transmitter Feb 13th - W To (T) Sperry requested deliver short wave radio transmitter receiver requested shipped from Washington. 2-9 To SEA Request ship radio receiving set from Wash Dept to CO. 2-9 To Sperry (T) Request one short wave buzzer radio trans set be delivered Laboratory NY for test and installation ARKANSAS. 2-9
282098	2-17	Sperry Co.	Short wave radio transmitters contract #33275 Fwds. print. D.
281871	2/18	Battleship Force No 2 R	Request radio receiver - W To SEA Request audion control box shipped from Washington to CO. 2-21 To (T) Audions will be expressed. 2-21 Shipment order 2-21 RF 6-22
283917	2/20	ATI Flt	Request Edison batteries for ultra audion sets - W Request ship two 100 volt Edison storage batteries from Wash to CO. 2-26
286113	2/27	CO	Short wave transmitter - submits report on location recommended - W

121 - 6 ARKANSAS: RADIO

Number.	Date.	From or To—	Subject.
274984	3-8	SEE CARD 7	Fwd Dept via C&R. 3-8 W. FB 3-21. W
288344	3-11	Comdr Battleship Force C	Request shipment audiophones. W To S&A. Shipt 8 audiophones from Wash To CO. 3-14
291877	3-12	To S&A	Shipt one radio compass from Phila To CO. 3-25 To S&A, comment on Radio Compass. 7-5 Phila. Co. of letter to CO. 4/11.
291480	3-25	To Phila phone. To phone. Call by next week in re compass to be shipped. 4-4	Shipt of compasses. Repts expedition. To Has taken steps to furnish you with oscillation transmitting equipment. Permission granted to dismantle the transmitter in whatever way you desire. 3-29
295084	4/4	Battleship Force No 2 T	Request a long wave Navy type arc receiver To T. Long wave receiver shipped Norfolk 4/10 Wells Fargo lading 11509. 4-12
295165	4-2	NY	Fwdg radio drawings covering report of test on Serry short wave transmitter on the ARKANSAS
293644	4-2	To S&A	Reqt shipt one long wave receiving set To S&A to Wash on W To Reqt shipt long wave receiving set from Wash to CO. 4-3 CO 7-17
299223	4-22	To S&A	Reqt shipt phones-batteries-one battery S & A Copy of letter to NY charging covering shipment instruc. W 6:13 (over.) stating radio apparatus not rec. W 4/30

ARKANSAS: RADIO.

Number.	Date.	From or To--	Subject.	
228022	5-14	To S&A	Re t sh pt of receiving set from ARKANSAS to. ALLEN.	570-6
231514	6/2	To S&A	Reqt shipt of one instruction set from Wash to. W	
Reqn 526	7/5	To CO	Reqn disappd. WR	
✓ 254543	5/21	Reff	Repeater compass in radio direction finder - fade prints	
✓ 258890	11-7	To S&A	Reqt shipt one audibility meter No. 129 from to radio sta. Belmar N.J. 11-7	
260719	11-12	Atl Flt	Transfers full radio set from ARKANSAS to DELAWARE - W	182-6
261480	11-17	CO R	Audion bulbs and declometers - request to replace those transferred to ARKANSAS - also request miscellaneous radio apparatus - W	468-6
264081	11/23	Battle Ship Force No 2	Gives list of radio equipment reqd - R	

121 -- 6 : ARKANSAS: RADIO

Number.	Date.	From or To—	Subject.	
263412	11-28	To S&A	Reqt shipt 6 doz. over ready batteries from Washington for. W Reqt shipt various radio material from Wash to. 11-30	
264492	11-28	CO	Reports receipt of Koster declometer from the ARKANSAS - W	189-6
264472	12-1	To Norf & CO	Low power series starting resistance of radio arc set. Reqts inspectin W	
270070	12-28	BS Force #2 R	Request spare glasses for arc elec alcohol drip feed pots W To CO. (T) - Compass will not be installed present overhaul. 12-31	
270873	1-4	To S&A	Reqt shipt two glasses for 20 kw arc alcohol drip feed pot. from Wash to CO. W	
274984	1/14 1-22	CO To Bat Force 2 Via Comdr-in-Chief	Reqt short wave transmitter - W Short wave transmitter. Directed to obtain 1/2kw transmitter for "A" station. W Atlantic Fleet 1-28. SEE CARD 8 Atl Flt - 1/28. SEE CARD 8 Atl Flt - 2/21 - W. Installation aux radio room authorized.	
278434		To ATL FLT- 2-16 atl Flt-Install will be done by ship's force. 2-5 To ATL (T)-		

AR KANSAS: RADIO.

Number.	Date.	From or To—	Subject.	
✓ 202604	10/14	NY	Radio arc generator; fws print.W	
200123	10/30	To NY	Auth install of direction finder on.	919
✓ 204359	8-30 10-13	CO NY	Estimate for radio work.W To NY—Gives action on, 11/7 Fwd C&R—With rec. 11/7 Rb 11-27	
✓ 204789	11-6	NY	Radio direction finder; estimate for installation.W To—Est appvd. 11/9	
✓ 205621	11/15	To NY	T Fed Tele Co has reqtd Dr. Cohen be present test his relay keys contact 346 arc radio set for. Ask when test will be made. W NY test arrga for Nov 20 11-16	
✓ 206832	11-17	CO	Personal Radio direction finder; will be installed before ship leaves yard.W	
✓ 209052	12-18	At Flt	Directs FLORIDA transfer Kolster decremeter to ARK. W	
✓ 210236	1-2	Phila	Box of lost parts of Kolstermeter; fws copies of corres.W.	

121 6

ARKANSAS: RADIO. 121 -- 6

Number.	Date.	From or To—	Subject.	
✓ 210423	1/4	CO T	Unable to locate parts of Kolster meter shipped from Phila; request permission to send personal messenger to yard to obtain. To --(T) Missing parts, ship express Jan 3. 1/4 S&A Supply Officer, NY, reports receipt of all parts 1/10	
211150	1-9	Phila	Request confirmation of order to ship field sets from ARKANSAS.	324-6
✓ 212305	1-23	CO R	Request authority to replace control gear Kolster meter. W To--(T) Alterations auth. 1/23	
✓ 212378	1-23	NY	Transfer switch; submits estimate for installation. W To--Appyl withheld pending receipt of report on trial of relay loaned to. 2/2	
216844	3/9	To CO	Ask if band cart and spare trans on hand. Ask auth for wave meter, as records show wave meter on board trans to NEW YORK. W CO 3/20	
✓ 222531	4-12	NY	Special receiver and transfer switch; submits estimate early date. W	
✓ 228023	5/14	To S&A	Reqt ship of receiving set from Wash to. W	

ARKANSAS: RADIO:

Number.	Date.	From or To—	Subject.	
✓ 173001	12-4	To CO.	Ultraudion detector box and bulbs; auth transfer to NEBRASKA. W	
174548	12/20	Atl Flt	Reqt authority to transfer receiving sets ARKANSAS to NEW YORK, NEW YORK to TEXAS, TEXAS to ARKANSAS	898
175571	1-5	C&R	Metal radio house; Adm. bridge. Fwds proposed plan. W Fwd Atl Flt-- For comment. 1/10 RB 2/15 Fwd Atl Flt-- For further rec 2/17 RB 3/30 Fwd C&R-- Comments in CO. 3/31	
177661	1-31	To CO.	Hand cart for portable radio set; asks disposition of. W CO 2-10	
184910	4-14	FR	184910 Trial trip; copy of contractor's letter forwarding plans of instruments, and arrangements to Board Inspection. N	
184909	4-6	CO	Reqt autho ity to turn in Telefunken transformer. To Via NY-- Arrvs. 4/18	
186770	5-4	NY	Have issued loading coil for auxiliary antennae ex-PARKER. W	

121 -- 6 ARKANSAS; RADIO:

Number.	Date.	From or To—	Subject.	
✓ 189136	5-26	To S&A.	Reqt shipment Kolster decimeter from ship to Wash. W ARK only one 6-8 TO WYO for information 8-19 RB one on board 8/31	
✓ 189722	5-17 5-25 6-2	CO NY C&R	Metal radio house on Adm's bridge; comments. W Fwd C&R--Have auth work. 6/5 To NY--Authorizes! 6/5	
190059	6-6	To NY.	Radio telegraph. 20 K.W. are installation; reqt plans and estimates for. W NY submits estimate 6/16 To-- Appvs! 6/23 NY Hull Div has received no instructions re new radio room ??? Fwd C&R-- 7/12	
✓ 190883	6-15	NY	Estimate for portable control board in bridge radio station. W To-- Appvs! 6/17	
198132	8-27	CO	Reqt long wave receiver and additional ultra audion box. W To S&A--Reqt shipment of from Wash. 9/13	
120	8-31	TO NY	Radio sets for	629
✓ 199091	8-30	CO	Relocate radio motor generators and install transfer switch main radio room. W To NY--Gives action on. 9/16	
✓ 199470	9-15	NY	20 kw arc radio motor generator; fwds prints showing location. W To-- Appvs arrangement. 9/18	

ARKANSAS: RADIO

1914

Number.	Date.	From or To—	Subject.
✓ 124529	5-10	At Flt. T	Reqt 5 kw Telefunken transformer to replace one burned out. W To CO via At. Flt. & S&A. reqt shipment from NY to ship of 5-kw transformer. 5/11. To S&A. reqt shipment of transmitter Washn to ship. 5/11
125380	5/20	NY 370-855-13	Seibt wavemeter: est for repairs. W To---submit reqn for. 5/21.
1915			
144239	1-7	NY 21-638	Estimate for renewing radio insulators. W To---Appvs. 1/12
148199	1-20 2-25	NY C&R 370-855-26	Radio installation: fwda plan of proposed radio room. W Pw'd C&R-- comments on. 3/16
✓ 148882	3-5	To CO.	Disavvs item 1 of reqn 246-15: have retd shipment of one 5-volt 80-ampere hour storage battery from Wash. W-R To-S&A-- Reqt for shipment. 3/5
151921	4-9	To CO.	Asks disposition of radio apparatus not reported in ISE Form 25-B. W
✓ 152996	4/18	CO	Reqt new receiver, relay switch and quenched spark gap. W To--Have appvd installation. 5/13 CO reqt receiver at NY holding NY are holding up installation 5-12 for NEV Bn issued 6-24
153204	4-22	CO	Reqt supply of ultra audion bulbs. W To S&A--Reqt shipment of from Wash. 4/26
152996	6-25	To CO.	Cohen receiver assigned to NEVADA will not be assigned to ARKANSAS. W To At Flt--Disavvs reqt for transfer. 6/24

ARKANSAS: RADIC. 121-6

Number.	Date.	From or To—	Subject.
153397	4-24	NY	Estimate for re-arrgt of sound proof receiving room. W
153625	4-24 4-29	NY CAR 21-618	Re-arrgt radic plat: plan. W Fwd CAR-- Modl satis. 4/30
154264	5-4	NY	Rad. installation: room to duplicate sound proof booth Arlington: rect plans. W Fwd Radio--Rect information be furnished NY. 5/13 BB 5/20 To--Fwds plans and specs of. 5/13
287	5-20	To CO.	Portable radio keyboard: asks if installation has been made. W-R
156634	5-3	CO	Gives reasons for requiring additional portable radio keyboard. W Fwd Ati Fic--Rect comment on. 5/8
168402	10-7	CO	Rect authority transfer amplifone from title 1 to B To 10/20
✓ 169228	1 0/23	CO	Rect NY be authorized to install auxiliary antennae. W To--Work authorized. 10/25
✓ 169569	10-25	CO	Rect audibility meter. W To-- Will furnish when available. 11/1
✓ 172614	11-29	ARKANSAS cross to	Reports transfer of audibility meter to. W

1913

ARKANSAS: RADIO

Number.	Date.	From or To--	Subject.	
99632	6-14	At. Fleet	Reqt. portable radio set be provided to replace set transferred to SOUTH CAROLINA. W To---instructions. 6/17.	
✓ 100614	6-27	CO	Selbt wavemeter; reports defects in. W	
✓ 105718	9-12	CO	Reqt. alterations in radio plant. W Fwd NY for recom. & satl. 9/18 RD 104	
✓ 106222	9-23	NY T	Reqt. authority to adapt radio set for sending 150, and 200 meters. W To --- 17 appvd 9-23	
109919	11/10	To C.O.	Reqt report on original installation, elec. leads running up masts, etc. and if any trouble due to induction from radio.	121--3
106982	11/12	To CO	5-kw radio set; asks when authority was granted to issue new. ARKANSAS: no information 11-2 8	121-8
✓ 111316	11/26	To NY via C&R.	Battle radio installation: Dept. authorizes if tests are successful on NO. DAKOTA. Not to exceed statutory limit. Directs prepare plans and estimates. W NY returns letter 12-30	
110702	12/13	To CO and 3&A	Portable radio sets; request shipment from Washn to NY.	897

1914

ARKANSAS: RADIO: 121-6

Number.	Date.	From or To—	Subject.	
114510	1-8	NY 370-855-1	Reqt telegraphic authority to install battle radio.W (R) to---proceed. 1/9	
114421	1/29	To CO	Hand cart for transport of portable outfit shipped for trial.	897
116505	2/21	NY	Fwdg. prints showing crew's space in relation to location of radio on ARKANSAS and WYOMING.	488-6
120471	3-20	CO	Leyden jars; reqt authority to turn in connectors.W Ret---via NY. appd 3/21.	
120621	3/18	NY	Sound proof receiving booths in radio room; recommends no further expenditure; reqt trial booth be erected in noisy shop in yard for test purposes	131-6
120953	3-27	NY R	A NEW YORK: reqt authority to issue 2 receivers for battle radio equipt. W (R) to---appd. 3/28.	
122521	4-15	NY R	Telefunken wavemeter tr. referred with flag; have Seiby wave meter only. W (R) to---issue from store to NO. DAKOTA auth. Direct WYOMING retain Seiby wave- meter. 4/16 (See also 122472-321-6) To NO. DAKOTA via At. Ft. advising. 4/16.	
122728	4-17	CO R	Reqt supply of amplifier bulbs.W To S&A. reqt shipment from NY of 80 bulbs. 4/17. (R) to---request immediate shipment of 40 4/17.	

ARKANSAS: WIRELESS

1912

Number.	Date.	From or To		Subject.
78200	9-17	NY	T	Set assigned from Lowenstein still unsatisfactory. require one month. W To--Phila & S&A & N.Y. cancels assign 9/18
78353	9-17	NY	370-855-4	Lowenstein 5 kw set; reports failure to operate satisfactorily and recommends contractor be required to set definite date of completion. W. To N.Y. Remove until ready for trial 9/19
78481	9-19	Phila	320-357-2	Radio set; fws prints of aerial and reqt. approval of plans before starting work. W. To -- Telegraphic approval has been issued, and further instructions 9/21 (1) To Phila Yd.--appd 9/20
79141	9-30	CO	T	Reqt. radio set belonging to CONNECTICUT, and aerial from COLUMBIA be transferred from Phila to NY; vessel to have use of during review. W. Fwd S&A recom shipment from NY to Phila 10-1 RB 10-14
79183	10-1	TO S&A, Washn, WYOMING, Phila,		& WYOMING: portable radio trunk type; on reqn. 42, Bu. Reqt. shipment from Washn Yd.
82480	11/13	To NY		& WYOMING: Request estimates be submitted for installation of duplicate motor generators and transformers. W
82972	11-16	NY	370-855-17	WYOMING: submit estimate for installing duplicate motor generators and transformers for radio. W. To----approves purchase. 11/21.

ARKANSAS: RADIO 121-6

Number.	Date.	From or To—	Subject.	
✓ 83522	11-23	NY 370-855-20	& WYOMING: duplicate motor generators and transformers for system received; recommends ARKANSAS be shipped direct to vessel.	
✓ 87390	1/13	To Key West & ARKANSAS	1913 Radio silicon-arsenic detector, delivered to G.H. Clark by Wireless Spe. App. Co. Request to be invoiced to ARKANSAS instead of Key West radio. ARKANSAS detector mailed Mr. Clark Jan 5. 1-23 To ARKANSAS; ack. receipt 1/30	
87464	1/12	Clark, G.H.	Makes report on installation of, on	876
✓ 88002	1-9	CO	Description. W.	
90940	2/15	At. Flt.	Wyoming: reports taking wave meter from	488--5
✓ 92865	2-28 3-13	CO NY 370-855-3	Recommendations must be increased in height and switchboard be placed in conning tower for connecting battle aeriels. Fwd Dept via C&R. rec appr. 3/20. 121-6 Fwd NY- apps repairs 3/28 121-6 Fwd C&R. rec appr. 4/26 121-6 NY (R) rect. action 5-14 121-6 To NY. instructions were issued Apr. 30th. 5/14.	
✓ 99233	6-9	CO	Status Siebt wave meter unsatisfactory: rect. telephoned by 121-6. Fwd At. Flt via NY. if suitable in store, issue authorized. One on board should not be turned into store 6/11. 121-6 To NY. suitable not available 6/18. To --- via At. Fleet. reast report on Siebt. 6/18	

FILE No.	From or To-- (Dated)	Subject.	
28845 1/11	NYS 36	Omission of: fws estimated change in cost To --- Est dec cost after 1/12. Ret. est. change cost. 1/18	
29014 1/13	NYS 50-73318	Omission of w.t. outfit: req. return of approved estimate: change in cost To --- appr. est. returned 1/14.	
29167 1/16	To NY Yd	WYOMING & ARKANSAS: fwd copy of reqn 84 wireless apparatus	488--6
40105 5/31	TO S&A	WYOMING: Motor generators for wireless: contract 14746: factory inspection waived.	5
1912			
70005 5-28	FR	wireless installation: re t. specns. covering. W To --- Gives data: Lowenstein will supply outline of specns. -- To F. Lowenstein. Requests fwd outline specns. 5/31.	
71928 6-22	Lowenstein, L.	Fws photos and gives dimensions. W To FR Co-fws copy of letter. 6/25.	
72547 7/2	To NY	5-kw motor-gen. radio sets, cont. 121: asks when delivery may be expected. W NY 7/20. Will be completed in about 5 weeks. W	
78037 9-13 9-13	CO Phila 320-44	Reqt. set be installed prior to departure for New York. W To S&A Reqt. shipment of Lowenstein set. 9-14 To Phila, NY. instructions. 9-14 BL B CO Fwd S&A cancel shipment. 9-30	



Number.	Date.	From or To—	Subject.
622715	5/10	Dept	Copy of letter to N.Y. making vessel available for repairs to oscillator field coil. Y
633287	7/1 7/3	CO Battleship Div: 5	Recommendations cov modifications to MV listening device receivers. W. At: 1st- 7/11- recommendations of battleship force. W

917 DUPLICATE

ARKANSAS: SUB SIG APP.

Number.	Date.	From or To—	Subject.
224007	4/24	To Wash	Rec Bill of Submarine Signal Company for inspection be paid. L
229459	5/18	Wash	Contract 260 - fws bill of Submarine Signal Co. L Fwd S&A—6/2
269149	12/21	Sub Signal Co	Contract 752 - fws report covering inspection of oscillator - L
276722	1-24	CO	Reports on inspection of submarine signal apparatus. L Fwd S&A—1-20
278409	1-3 1-25	CO NY	Replaces present system oscillator with latest type. L Fwd CO—1-7
280765	2-12	Phone NY	Repairs to oscillators - Auth installation Fulton oscillator on and noted that ARKANSAS oscillator be sent to Submarine Sig Co. for repairs. L

ARKANSAS, SUB SIG APPA. 121 - 7

Number	Date	From or To	Subject	
✓ 283615	2/21	Sub Signal Co	States oscillator for the FULTON installed on - L	
✓ 393368	2/7	Sub Signal Co VOID see - 121-4	& FLORIDA - Aids inspection blanks - LC	
472346	3:19	CO	No record of receipt or installation of oscillator.	121-6
		1921		
✓ 601909	12/19 12/23	CO Atl. Fleet	Repairs to oscillator coil not made during docking - 7.	
✓ 615669	11/7 5/10	CO Atl. Fleet	Request repair submarine oscillator field coil Wts NY 4/4 Wcc Atl Flt, Div 5, ARKUNSA3.	

1912

2 ✓

ARKANSAS submarine signals

Number.	Date.	From or To	Subject.	
81453	10/30	Sub. Sig. Co.	SIGNALS, reqt final payment	711--3
1913				
✓ 88882	1-29	NYS 154-72220	Fwd estimated inc. cost for installation. L To---To Gen Insp. To be reconsidered by Board on Changes. 2/26.	
✓ 93628	3/27	Ad on Chas NYS	Installation of submarine signalling set; inc cost. N To NYS. appd. 3/29.	
1914				
113868	1/8	To NY	Sub. signal sending set, submarine wireless Co.'s type; installation for test authorized. Sub. Wireless Co. reqt auth. to affix plates. 1/9	711-3
138238	10/29	Submarine Wireless Co	Test on ARKANSAS; reqt two representatives be allowed to remain on vessel during trials about middle of Nov	711-3
1915				
160859	7-13 7-16	CO NY	Signal set; CO objects to signing invoice. L Fwd NY--7/21 To Sub Wireless Co--Req drawings of sending set be fwd CO. 7/21 To CO--Bu has purchase Berger signal apparatus; reqt experiments be made with. 7/21	
1916				
186006	4/25	CO	States Berger submarine signal apparatus on board useless; reqt instructions re dis- position	711-3

1943

ARKANSAS: SUBMARINE SIGNAL. 121-7

Number.	Date.	From or To--	Subject.	
✓ 190543	6-8	CO	Request overhaul of. apparatus.L	
190625	6/12	To CO	Submarine signal apparatus; approves reqn 105 covering inspection and overhaul of	711-3
✓ 208568	12-12	Sub Sig Co	Oscillator installation; NY claims company is to furnish chain hoists; understand Govt to furnish.L To NY auth to furnish hoist. 1/19	
✓ 208894	12-16	Sub Sig Co	Oscillator; cont 250; request that yard be directed to ins all I-C cable from tank to indicator box in radio room.L To NY--appvs. 12/20 To--Gives action. 12/20 Sub Sig Co states navy yard is not yet furnished chain fall for raising and lowering oscillator 12/29	
✓ 211480	12-21	Sub Sig Co	Oscillator; reports completion of installation with exception of cable between tank and indicator box.L	
221342	4-3	Submarine Sig Co	Fwds inspection reports and bills.	133-7
✓ 224007	4-17	Sub Sig Co	Reports of inspection; Fwds bill.L	

Number.	Date.	From or To—	Subj.	
53806	11/16	Sub. Sig. Co	SIGNALS: returns contract covering sets for: reqt. amount of freight and cartage etc. be added thereto.	711--3
✓56028	12/13	NYS 1411-4221	States have been informed by Submarine Co. that set has been forwarded and will be inspected at works. L	
56106	12/13	Mass	SIGNALS: states have rec. copy of cont. 186 rel insp	711--3
56629	12/20	NYS 1437-2220	Sub. Sig. apparatus: requests information re installation of L To---See 56743-468-7 of 12/26. To---Govt to furnish: contrs to install. Fwds sketch showing method of installation on REC. I.A. 1/25.	
			1912	
J 58611	1/12	NYS 54-72220	Est. Increased cost for installing L. To---appd.---To Genl Insp. 1/12.	
60549	2-5	Bd. on Changes, NYS 136-961	Addition of: inc. cost. H To NYS. appd. 2/7.	
65301	4-3	NYS 383-2320	Fwds contractors appeal against ruling of Board on Changes as to increased cost. L Set---for information, 4/5. R.B. 4-8 To---Ins.allation by Sub. Sig. Co. optional with contrs. 4/12.	

ARKANSAS: SUBMARINE SIGNALS: 121-7

Number.	Date.	From or To—	Subject.	
66243	4-12	Mass 270	Recommends order to inspection be cancelled. S To---should be inspected at works of Sub.Sig.Co. 4/20.	
66459	4-16	NYS 425-2220	Est. inc. cost of \$302 is based on Sub.Sig.Co contracting to do work for \$275.11 To---directs resubmit estimates. 4/22.	
67223	None	Mass. 4506-3	Sub.Signal lets. states will consider instructions to inspect cancelled. 3	
67380	4-24	NYS 456-2220	Was b/p of L To---appd as mod. 4/29.	
68180	5-7	NYS	Was print showing proposed method of fitting and elec. leads for L To---appd. 5/10.	
69857	5/27	Sub.Sig.Co.	Bill for balance due	711--3
75768	8/14	Sub. Sig. Co.	SIGNALS, reqts separate permits for repre- sentative to make tests of submarine sig. (no action at present 8/28)	711--3
78663	9/23	Sub.Sig. Co.	SIGNALS, reqt auth. to have representative accompany vessel on trip to New York to test apparatus.	711--3
79133	9/30	To	SIGNALS, directs test for final acceptance	711--3

Number.	Date.	From or To--	Subject.
639144	from card 12		To NY- mat inspm- cancellation of item listed- cc CO- C-I-C Atl. Fleet Ys 12/4 To NY-- no further action neccy cc CO 12/6 NY 12/7 Ask if shall cancel work on boiler fronts of WYOMING Y X 489-10 To NY- gives instrus rel listed alteration- cc Operns- C-I-C Atl. Fleet- Camdr Battleship force Atl.- CO 12/12 To Comdt New York- Rqsts be cancelled 12/14 Yd cc Atl. USS WYOMINGA/ New York 12/16 Rqsts further instructions Y

ARKANSAS MACH. PLANT GENERAL

1922

Number.	Date.	From or To—	Subject.
✓ 627088	9/12	To Norf- Ports (L)	Ask if material ordered Norf Rqn been shipped Y
✓ 644563	10/6	C&R	Copy of letter to NY authg docking of ARKANSAS X WYOMING Y
✓ 645550	10/8 10/13	Atl. Batlshp force Atl. Fleet	Summary of work request, over haul period 11/20 to 1/5. Y
✓ 648796	10/4 11/7	CO Atlantic Fleet	Summits report of material readiness Y

Number.	Date.	From or To—	Subject.	
649950	10/4 11/17	CO Ordnance	Submits report on material readiness Y Fwds Opers via C&R 11/24	
649515	10/30 33/17	CO C&R	Submits report of inspection upon charges in commendation Y	121-21
651084	11/20	L.I.	Prelim report Y	
650015	12/6		Fwds Opers via rdn Navign Eng Dept insp upon detachment of eng officer Lt Comdr Byer and Lt. Comdr Brereton Yd.	

Number.	Date.	From or To—	Subject.
630145	6/9	Board IS	Mail inspection Rws report Y To C (1) Reists detid report pe submitted 11/2 To CO - removal of samples 1/11
559692		<u>FAD ROM CARD IO</u>	Rws CO USS ARKANSAS 6/30 Kc To Crane Inc. Co- Will fwd invoice upon rece pt 6/30 Kc CO ARKANSAS 7/5 Kc To Crane Inc. Co- Invoice paid by check 7/11 Kc
532620	6/28 7/13	New York C&R	Report on matl condition of vessel on leaving yard Y Rws Opans via Ordn 7/29

Number.	Date.	From or To—	Subject.
639144	8/24	New York	Submits estimates incident to material inspection rwd's Dept- rwd's recomd appr'd with omments as listed 9/19 BB 9/25 Y To NY- submits estimates of CO 9/26 N.Y. 11/28 will have a service telephone on the board for installation on 11/28 343 LY X4 NY 11/28 Submits estimates covg changes to main boiler fronts Y Rwds NY via S&A-- Requests corres. to CO's ARKANSAS PROLETARIUS 11/28 343 11/28 Copy letter to Phila L Copy of letter to Capt stating all reports of estimates incident to material inspection have been fwd'd to various bureaus Y
639277	8/25	New York	
640066	8/25 9/1	N.Y. Dept.	Subm estimates incident to report of material inspection Y Rwds can vda rdn 9/18
640839	8-10	Atl Fleet.	Report on condition of machy and boilers. Y 493

ARKANSAS MACHY BLANT

1922

Number.	Date.	From or To—	Subject.
620904	4/12	Atl Battleship Force	Report of inspection BY
621946	3/28 5/5	CO Dept	Submits report on matl readiness Y
622074	5/2	CO	Subm list of work to be accomplished by ships force during over haul period. Y
623901	5/3 5/17	CO Dept	Request re-line fire main, Y

Number.	Date.	From or To—	Subject.
624439	5/16 5/19	CO Atl Battleship force	Request drawings listed be replaced D To CO Fwas plans 5/6 To CO Fwas plans 6/10
625561	5/29	To Bd IAS	Fwas listed correspondence from files To Bd Ins,ection- Retard repair orders. 6/30 Y
625897	5/29	Dept	Instructions in Conn with holding until inspection Y
625902	5/29	Dept	Copy of letter to NY extending availability of vessel Y

ARKANSAS MACHY PLANT

Number.	Date.	From or To—	Subject.
569692		SME CARD 9	To CO- (T) Advises diameter screw glands for dynamo condensers suitable after tapping Ym 9/21
	TO CARD 12		To S&A Reost to 1st of tube from Lorr to NY 8/27 8/25 HS-10, 12-Y To NY Gives Inform 9/27 To Italian 1. 7. 10. Gives Inform re condenser 9/28 Crane Packing Co- will deliver flexible metallic packing to CO-9; 29-Y CO- gives correct length of screw glands-10;4 To NY Gives status of shipment of CO 11/12 Y. Report on test of 24 tubes of dynamo condenser 12/13 Y 12 To 22- R. St. 12/13 To 22- Gives instrs 1/18 Crane Packing Co- Request 4/6 To Crane Packing Co- Gives instrs 4/6 CO ARKANSAS 5/5 Y To CO- 5/19 CO ARKANSAS 5/6 Rqsts copy of letter 9/28 Y To 5/17 Crane Pack Co- 8/21 Rqst Paymt invoices K Report on material readiness. Y Fwd Opns via C&R 10/22
590949	9/20 10/7	CO Atl. Fleet	
58851	10/3	Atl Stlship Force	Flag shifted from ARKANSAS to WYOMING. Y 423
592312	10/19 10/24	Atl. Fleet adpt	rwds report of findings of board of inspection verifying engineering Dept on WYOMING ARKANSAS. Y Fwd Opns 10/31

121-8:ARKANSAS: MACHY PLANT: 1921

Number.	Date.	From or To—	Subject.
593605	10;27	JAG	Report covering conditions existing con- ditions in engineering department. D&Y Fwd Cerns 11/16
594239	10;27	JAG	Report covering conditions existing in engineering department. Y Fwd Navign 11/23 Atl. Battleship Force 1/5 Y
597067	11/22	C&R	Copy of endorsement to Atl. Fleet asking if resulting fuel saving will justify expense of docking Y
598348	12/1	C&R	Copy of telegram to N.Y. authorizing docking. Y
		1922	
613119	2/9 3/10	CO Dept	Report on material readiness. Y Fwd Cerns via Ord, C&R 4/4. cc NY ARKANSAS
614474	2/7 3/18	Atl. Fleet C&R	Subm. report on inspection. Y Fwd Cerns via Bu. 125-Ordn-S&Y Recd & Surg-Navign-225. cc Comat Marine Corps cc Cerns 4/5

131-9: WHY 131-9:

Number.	Date.	From or To—	Subject.
525142	10:27	CO copy	Vessel anchored at Plymouth, El Salvador.
525115	10:15	CO	Request index of drawings be furnished. To CO State Block Index book 10-29
531312	11:26	O&R	Fwd booklet of general plans.D
533854	12:9	Pug Sd copy	ARKANSAS docked TEXAS follows.A
534454	12:11	Pug Sd copy	Vessel undocked.A
559584	4:22	Pac Flt copy	ARKANSAS nominated in lieu of NY for repairs during July and August.A
560948	4:13 4:29	CO Ord	Report of matl readiness Y Fwd Operns 5/2
561068	4:10 4:29	CO O&R	Report on matl readiness.Y Fwd Operns 5/2
560000	4:13	CO	Subj: 131-9 4:13 131-9 4:13 131-9 4:13
560000	4:13	CO	Report on matl readiness.Y

101-912-111-13: -COPY PLANT:

Number.	Date.	From or To—	Subject.
577931	6:21 7:8	BELOW To Pac Sd CO-(YT) Request to substitute dynamo condenser for aux condenser— recommendations in error 9/1 Y To CO (T) approved 9/1	To Pac Sd Request sample of tubes to be forwarded when renewal of tubes is requested cc CL 6/18 To NY Work appvd- cc CO 8/25 Report of insp pn.Y
585435	9:13	CO	Recd instrns book.M To Cw Jwds Pamphlets 9/16
569692	see above	121 12	NY-lists tubes available for condensers-9;19-Y CO-T-gives size of screw gland-9;22-Y To Cw Jwds Pamphlets 9/16 To rel packing of cond 10/1 Phone to H- rel dynamo condenser tubes 12/2
		FWD'D TO CARD 10	

ARKANSAS: MACHY PLANT.

Number.	Date.	From or To--	Subject.
447806	9/26	C&R	Copy of telegram to P and giving action on material inspection - Y
447507	9-29	To Ordnance via C&R	Material Inspection - Report Estimates for work under the Cognizance of the En. Sd. Y only to Operations and Pug Sd. T B 10/6 C&R 10-3 to Comdt Pug Sd- Work auth at cost of \$100,976. copy to CO. 10-7
449869	10:3	J&G	Report of Bd of Investigation to inquire into present condition of condensers and boilers. Y cross to 10 and 12. Fwd Navy. 11-20 ~~8 11/12~~
450156	10:3 10:9	J&G Dept	Report of Board of to inquire into present condition of boilers on board. Y Fwd Operations. 10-13
450689	10:10	Pug Sd	Can complete installation of bridge by January 1st on ARKANSAS AND WYOMING-repairs to boilers can be completed Jan 1st. Y copy
451403	10:13	C&R	Copy of telegram to Pug Sd giving instrns in connection with completing work on vessel during present visit. Y&L

121-8: ARKANSAS: LA CHY PLANT:

Number.	Date.	From or To—	Subject.	
451436	10:9	Pug Sd	Copy of indorsement to Dept requesting instructions in connection with repairs and alterations in excess of statutory limit Y&K To Mare Island (T) - Statutory limitations does not apply vessels under repair this fiscal year. See May. Alloc. Bill for year ending June 30 1916. C. Alpro. under C&R. 10-16	
452117	10:16	C&R	Request recommendations as to use of old radio room as battery charging room-also modification to voice tubes Y to C&R- Given detail action. 10-28	
455145	10:20	C&R	Booklet of general information-fwds/D	
469291	1:10	Pug Sd T	1920 Copper for antenna trunks-request express shipment of-recommends vessel be not held solely for reinforcement of cage at St. ALBY End Operations. copy to C&R & Pug Sd. 1-15 Fwd C&R. 1-21 RB-1:20	
479119	2/25	Pug Sd	Copy of letter to Dept submitting information re revised dates of completion of overhaul of ARKANSAS NY & WYOLING. L&K	494
509152	4:27	CO Dept	Report on Insp'n upon being relieved of duty at Y Fwd Opns 8-2	
VOID SEE 255-8				
522079	10:2 10:9	Dept Ord	Report on Insp'n of Y Fwd Opns via S&S-1007 May-Revision L-15	

Number.	Date.	From or To--	Subject.	
420404	5-7	CO	Request cross connect star board and force lubricating oil system. Install high pressure valves in steam and exhaust lines	AY etc.D
		To CO- Replacement of present low pressure valves with high pressure valves auth. 7-9	To CO- Repts. - further information	
		copy to C-C Atf. Ft. PAC FLT-I.M. Norf.	fire valves in question. 6-10	
	7/7.	CO.	Two sets (Laterals) - all RB 5/17	
			To CO- Gives detail action. copy to CO and Comdr Bat. Force 2 and I.M. Norf and Comdr Bat. Div. 7. 6-18	
			CO L. 3-5 8/24	
			To CO- Repts ascertain if L.P. valves were installed in place of H.P. valves. 6-30	
426965	6:19 8:26	CO Bat Ship Force #2	Submits report of appvd. repairs and alterations under Bu. which are necessary	Y
431007	6/26 7/7	U. S. Fleet C&R	Report of material readiness for service. Y Fwd Operations via Ordinance. 7-11	
432312	7/11	Dept	Instrns in connection with holding material inspection - Y To I-9- Fwds corresp from files 7/18 Bd Insp - retns papers - 9/9	
435902	7/28	Dept	* WYOMING - will be available at P Snd for work on arrival on West Coast - Y To I.M. Ny- Repts transfer of job orders and material to home yard be expedited. 8-4 * NY- Repts transfer of job orders be expedited. copy to Operations and Pug Sd. 9-22 RB-9:30	
439118	8:1	CO	Fwds performance curves.D	

1919

121-8; ARRIVALS: MILCHY PLANT;

Number.	Date.	From or To—	Subject.
445792	9:15	Operations V O I D	Copy of telegram to M I S ' still;
445703	9:15	Operation	& WYOMING; copy of telegram to Pug 3d making available for repairs.Y
446537	9/19	Dept	& WYOMING - directs telegraphic instrms be issued P 3nd to proceed with necessary repairs in advance of estimate and report of inspection - Y
447125	9:22	Bd of Inspection	Material inspection-fwd's report.Y
447339	9:23	C&R	Authorizes repairs in accordance with Board Inspections report.Y
447507	9:20	Pug 3d	Report of Bd Survey and Estimate and Y Fwd Operations 9-30 copy to Genl and Ordnance.
447830	9/25	NorF	Transferred job orders P 3nd 8/1.

ARKANSAS: MACHY PLANT.

017

Number.	Date.	From or To—	Subject.	
✓ 268410	12/19	Dept	Cancels instrns of 12/18; to remain at NY for repairs - Y	
268702	12-19	Phone Norf	Re Arrival at Norf.- Yd asked when would arrive Bureau stated would not go to Norf. Y	
271776	12/14	CO	Miscellaneous repairs - Y Fwd C&R- 1-4	
271503	11-19	Phila.	Copy of action taken	Y
271222	1/3	Dept	March 2nd date of completion - Y	
274123	1/14	CO	Request machy plans - D To- "wda prints" 1-18	
276548	1-24	CO	Requests prints to replace those missing and worn out.	
294518	4-3	To NY	Transfer of work to vessel's home yard Norf. Repts transfer all uncompleted job orders etc. Y Norf - Post contract number on NY transfer job orders. 1-3-24 To Norf. re transfer job orders 6-26	

ARKANSAS: MACHY PLANT

121 - 8

Number.	Date.	From or To—	Subject.	
297246	4-2	NY	Reports on condition of vessel on leaving. Fwd Ch Nav Op via Bu Ord 4-22.	Y
1176 NY	4/23	ARKANSAS	Outfit received	629
314906	6:1 6:10	Atl Battle Ship Force 2 Dept	Sub report of necessary work to fit ship for distance service To C&R, re alterations in standard radio plans Received back 6:14 To Norf, listing items necessary to fit ship for distant service. 6-15 Fwd C&R, 6-15 Norf - Re most reply - 7-30 - W To Norf, Order for Soundproof Booths for Radio Rooms placed, 8-7	8-11
381508	12:5 12:28	CO At. Flt.	Req. renew section of pipe on injection line of engine- Renew motor of starboard main circulating pump etc Y	

1916

ARKANSAS: LACEY PLANT.

Number.	Date.	From or To--	Subject.	
185224	3-29 4-18	CO NY	Repairs to metal covers turbines, port main circ pump turbine, gen set, floor plates, ice machines.Y To NY-- Gives action on. 4/21	
187931	5-5	CO	Material readiness of vessel for emergency service May 20: reports on. Y Fwd Dept via Ord--Comments on. 5/16 Dept quotas Bu Ord endorsement 5-20 Fwd NY--5/25 RB 6/B	
194519	7/21	Atl Flt	Reports on condition of machinery	493
201065	10/4	Dept	Copy p	
			All authorized repairs to be undertaken earliest date practicable.Y	
201268	10-5	Dept	Repair limit Dec 20. Y	
✓ 201362	10-3 10-5	NY Dept	T Cannot complete until 20th Dec on account of hyster plate. Fwd Dept via Ord Nav S&A--10/7	
✓ 203498	10-19	JAG	& PENNA; collision; between; report of board investigation.Y Fwd Dept--10/30	
✓ 204975	10-30	Dept	Annual military inspection. Y Fwd Dept via Ord S&A M&S Marine Corps--11/10	

ARRAUSAS: MACHY PLANT. 121-8

Number.	Date.	From or To—	Subject.
206400	11-14 11-23	CO NY	work stbd throttle valve and auxiliary exhaust line.Y Fwd Dept. with rec. 11/24 RB 11-28 Fwd NY--11/28 RB 12-9
✓ 207130	12-1	Dept	Repair limit Jan 2.Y
✓ 241600	7/27	Dept	Fwd report of annual inspection Y Fwd Dept via Ord S&A M&S Marine Corps--8/4
263517	11-24	Fwd NY joint	Unsatisfactory condition of salt water piping and ash pans. involving military efficiency of the ship. Auth.repairs. Return of papers to C&R .
264404	11/30	Dept	Instrns for overhaul at Norf cancelled - to be overhauled at NY on or about Dec 10 - Y To NY & CO--Fwd weekly report of work. 12-3 Phone Norf-- Will be sent to to Ny in stead of Norf for repairs 12-3 To NY & Norf-- Instructs assemble all material on board prior to sailing from Norf. 12-4 NY - 12/18 - Y

1914

14

ARKANSAS: MACHY PLANT.

Number.	Date.	From or To--	Subject.
✓ 141307	11-14	CO	Alterations; install Bureau type of oil coolers, in lieu of S-K type; whistle piping, suction wells for bilge piping, trolleys for feed heaters, reach & rods for exhaust valves, condensers, change heads of augmentor condensers. Fwd Dept-- Recommendations, 12/10 Fwd NY-- 12/15 To NY-- Instructions, 12/30
141468	12-15	CO	List of alterations to boilers, steam lines, etc
142769	12-16	Bd L&S	Material inspection: fws report, Y Fwd Dept via Ord-- Noted, 3/9
143950	1-28	NY	Report of board survey and estimates, Y Fwd Dept-- Recommendations, 1/11 To Nav-- quotes item 26e; under its cog. 1/11 To C&R-- 6a To NY-- Suspend work on item 11e; have recommended disappvl of. 1/11 To-- Gives action taken on. 2/16 NY item 11e completed; none on 13s and 13a 2-26 C&R survey: fws in connection with incidental work, Y Fwd C&R-- Recommendations, 2/20
147299	2-15	Dept	1915 Lists important work to be performed during coming overhaul
148879	3/5	Memo to Material	774
152474	4-8	CO	Repairs to piping, revolution indicator, ice machine, reach rods for auxiliary steam line valves, etc. Y Fwd NY-- 5/8 RB 5/17 Fwd Dept-- 5/18 RB-7:25 Fwd Dept-- Recommendations, 4/21 RB 4/23 Fwd CO-- 4/22 RB 4/30 Fwd Dept-- 5/6 Military inspection: fws report, Y RB 5/8 Retd via Ord-31A-- Noted, 4/22
152960	4/17	Dept	

ARKANSAS: NACHY PLANT. 121-8

Number.	Date.	From or To--	Subject.
153641	4-27 429	NY C&R	Work discontinued on account of shortage funds. Fwd Dept-- 4/30 To NY--(R) Discontinue work. 5/3 NY (R) replies 5-5 To NY--(R) Elec work appvd. 5/5 Fwd Dept-- 5/6
154465	5-6 5-8	NY C&R	21-719 Submits estimate for incidental SE work in connection with installing officers and crews laundry. Fwd C&R-- Instructions issued 5/10 To NY--(R) SE elec work auth. 5/10
✓ 155439	5/18	CO	Repairs to floor plates, steam line to evaporat. rs. Fwd Dept-- Recommendations. 5/21 RB 5/24 Fwd NY-- 5/24 RB 6/7
167191	9/28	CO	Alterations to bottom blow connections; additional stop valves for bottom blow lines; change flange fittings on steam lines to evaporators. Fwd Dept-- Rec disappvl. 10/4 RB 10/6 Fwd NY-- 10/7 RB 10/25
✓ 167283	9-22	Dept	Quarterly inspection for battle efficiency: fws report. Retd via C&R-M&S--Noted. 10/4
✓ 168580	10-16	Dept	Repair limit Nov 5
✓ 183527	3-20	CO	Corss connections various piping, replace Y fittings, main feed pumps, relocate relief valves circ pumps, by-pass fuel oil heaters, automatic boiler stop valves, pneumaticator system. To NY-- For est and rec. 4/15 NY submits estimates 5-3 Fwd Dept-- Recommendations. 5/9 RB 5/11

ARKANSAS: MACHY PLANT.

1913

Number	Date	From or To—	Subject
106982	10-2	Bd. I&S 1602	Report of material inspection. Y To CO. Asks when auth. was granted to issue new 5-kw radio sat. 11/12. ^{OP 12-15}
✓ 107230	10-1 10-3	CO NY 370-753-1	Work performed satisfactory with certain exceptions. Y
107803	10-13	NY 370-799-25 370-799-24	Estimates on survey; elec. and machy. Y Fwd Dept via Nav and Ord with rec. 10/20. To---instructions. 11/25
✓ 112066	12-5	Dept	Date of completion Feb 28. Y
112786	12-15	CO	List of repairs to be done by ships force during overhaul Jan. Y
✓ 112787	12-15	CO	List of elec and forced draft blower work to be done by ships force. Y To---no work to be done on item 5 at this time. 12/17
✓ 116017	1-26	NY	NY reports all work stopped; vessel quarantined; due to diphtheria. Y
✓ 116220	1-28	Navgn	Released fro quarantine Jan 28. Y
✓ 116642	2-2	NY	Reports placed back in strict quarantine. Y

1914

ARKANSAS: MACHY PLANT. 121-8

Number.	Date.	From or To—	Subject.
117381	2-10	By Nav	6 new cases; vessel still in quarantine.Y
117532	2-12	Dept	Machy repairs to be completed by ships force; vessel to proceed Guantanamo and remain until date of inspection; then return NY for repairs.Y
117536	1-31	T	
V 117535	2-3 2-11	NY Dept	Unable to completed repairs by Feb 8th due quaran- tine.Y Fwd Dept via Ord.2/13.
✓ 117962	2-18	Dept	Repair limit Feb 28. Y
✓ 118472	2-25	Dept	Orders to Guantanamo cancelled: to remain at NY until Apr 1st for repairs.Y
123947	5-1	NY	Finished plans; rect file numbers for.D To---gives numbers.5/4.
✓ 124848	5/11	NY Comdt	Fwds finished plans of alterations and additions to machinery and piping.D
140111	11-20	En. I&S	Rect repair orders.Y To---Fwds. 11/21 12 20

ARKANSAS: MACHY PLANT.

1912

Number.	Date.	From or To--	Subject.
79835	10-9	NYS	Remark book; delivered Engr. Officer vessel. N
80736	10-5 10-9	CO Dept	Reports on readiness for sea. Y Fwd Dept. 10-23
81398	10-29	CO	Commendatory letter re manner ship was lifted out at Phila. Y Dup. via Dept. 10-31 Fwd Dept via S&A. 11/5.
81461	10-30	NYS	Machy plans; Norf. reports forced lubrication pump plan in sailing. N To---Fwds print. 11/1
82079	11-7	NYS	Fwds vandyke machy plans and index book. N
82107	11-8	Dept	Date of completion changed 11-23. Y
82540	11-12	NY 370-759-9	Submits list of authorized work with esti- mated time required to complete. Y Fwd Dept. 11/14. BB 11-18
84237	11-27 12-2	CO Norf 3122-320	Repair oil pressure gages and engine steamer 1033, type W-1 1195. Y
85924	12-23	NYS 2623-2320	Booklet plans; Rect. shipping instructions. N To S&A. Instrns. 12/27. 1913

1913

ARKANSAS: MACHY PLANT. 121-8

1913

Number.	Date.	From or To—	Subject.	
✓ 86336	12-31	NYS 2714-2320	Have shipped leather bound booklets and tracings to Bureau; list of N	
✓ 92417	3-13	NY 370-596	CO-2 fire extinguisher; est. for installing. Y	
✓ 92599	3-14	NY 758-2	Incidental machy work—boiler bottom repairs. Y	
✓ 95864	4-26	Dept 27235-393	May 24 repair limit. Y	
✓ 96511	5/2	NY 270-925-2	Fwds tracings showing alterations made. D To---gives Bu numbers for tracings. 6/9.	
✓ 98917	5-6	NY	Drawings; reqt. file numbers. D To---gives numbers. (See 96511-121-8.) 6/9.	
103318	8/8	Dept	DIRECTS inspn	774
103918	8/19	To C&R	Reqt plans to complete files	634
✓ 105848	9-17	Dept	Have telephoned authority to make certain urgent repairs. Y Fwd Dept. 9/18	
✓ 105886	9-17	Ed. I&S	Reqt. repair papers. Y To---no papers 9/18	

Number.	Date.	From or To—	Subjct.	
56753	12/21	C&R	& WYOMING: gives assignment of storerooms	488-8
			1912	
✓ 57942	1/2	NYS	Reduction in number of booklet plans: est. decreased cost. 0 To---appd.--to Genl Insp.r. for dec cost. 1/8.	
60452	2-5	Bd. on Changes, NYS 284-2320	Booklet plans; reduction in; dec. cost. N To NYS appd. 2/6.	
61672	2-19	NYS 427-2320	Booklet plans; asks that Bureau specify those desired. N To---Certain additions required. 2/28.	
64270	3/23	To NYS	Unsatisfactory work on UTAH; forwards list, and requests comments so far as it relates to ARVARSAS. L	
67283	4/25	Navy. <u>VOID</u>	Striken from Navy Register Apr. 24th. 0	123-8
68635	5-10	NYS 1051-2113	Comments on work reported as unsatisfactory on UTAH in connection with gen. sat. test, air circulating pump, condensers, etc. N-1	
✓ 73180	7-9 8-10	C&R Dept.	& WYOMING: alterations and changes to be deferred until after final trials. D To Dept. Regsit. Auth. to issued instrns. to Insp.r. achy. 7/18. 75-25-594 Fwd C&R. 7/18. To NYS. Instruct ons. 7/23.	

ARKANSAS: MACHINERY PLANT: GENERAL. 121---8

Number.	Date.	From or To—	Subject.
✓ 73540	7/16	NYS 1453-2320	Requests index books for finished tracings. N To---index books fwd. 7/22.
77174	8/31	Dept.	Fixes Oct. 5th as date of completion. Y
✓ 77175	8/30	Dept.	Directs work incidental to installation of torpedo tube and gun turret sights be un- dertaken during present visit. Fixes time limit Oct. 5th. Y
77932	9-20	NYS 1789-2320	Finished tracings and prints: reqt. ship- ping instructions. N To SO S&A, N.Y., Norfolk, Phila., Bost. Has directed shipment of one set. RE 10-30 Fwd S&A for information. 10/31 NY 11/9 index books not recd. N
78314	9/18	To N.Y.	Fwd NYS 11/12 RB 11-14 RB 11-23 Ret. S&A 11/25 Re pairs & alterations, transfer of job orders. L to Phila. L. To Phila. have directed N.Y. to transfer work. 9/19
J 79384	10-2	Dept	Reqd. report on all uncompleted work at time of departure from Phila. together with estimates of time to complete work at New York yard. Y To NY reqt. report on uncompleted work. 10-15
79724	10-5 10-8	Phila Dept	Fwds list of unfinished work on date of departure from Phila. to N.Y. Fwd C&R VIA OFD. 10-15
79742	10-8	NYS 1992-2320	Fwds finished tracings. N NYS reqt. return B/L. 1-6 To---1/8.

ARK-NSAS N 1011 S

1922

Number.	Date.	From or To—	Subject.
638148	from card 9		to Insp machy NYS- "eqsts comments cc NY db Y Atl Fleet 10/31 Recommends yard provide facilities for lifting turbine casings Parsons Co 11/18 Summits suggestions with prints D Y
FD TO	11/10		To NY-- Gives action cc C-I-C Atl.- CO- C&K 11/23 TO ARK 11/23 -ats turbine be lifted during over haul. period Y To NY-- Fwd sketches cc C-I-C Combat for Atl CO- AR 11/29 To Parsons marine steam turbine Co- Assignment of sketches cc Insp machy NYS 11/29 Fwd prints showing arrangement of forced lubricating purifiers and piping for engine room D To NY- Sketch appvd 11/17
648788	11/8	New York	

1922

[illegible]

REMARKS: "LIVE" "REMARKS":

Number.	Date.	From or To -	Subject.
563019	5/25	Pug 3d T	Request turbine blading as listed by To CO Gives action 5/27
569			CO-617-28 Pug 3d - Request 6/11/24 Y
582910	7/6 8/12	CO Pug 3d	Reports on poor condition of ahead turbine dummy packing. Y To CO Gives comments 9/9 To CC via C-I-C Atl Fleet - fitting of turbines authd as NY 10/24 RB 11/26 from Atl. Fleet. Y
615750	3/4 3/25	1922 CO Atl. Fleet	Request lift casings and examine interior of both lower groups of Atl. Atlantic - Div 5 4/6 RB 4/11 Y To UIC, Atl. Fleet - Examination of main tur- binas 4/15 Y, CC Atl. Fleet, Comdr Battleship Force, Atl. Fleet.
616020	3/6 3/28	CO Atl. Fleet	Request change lead of steam line to ceiling glands of main turbines. Sub- mits sketch. Y Fwd's Op'rns cc CO-C-I-C Atlantic - Div 5 4/6 To CO - Alteration RB 4/25 Y Fleet - Comdr Battleship Force 4/15

Number.	Date.	From or To—	Subject.
619457	4/4	CO	Submits report on bridge gauge readings & tip clearances main turbine blading YD
638148	8/28 8/16	CO Atl. Battleship force	Request lift turbine casings. Y Rwd Operns submits recommendations for turbine casings to Atl- CO 8/24 RB 8/20 Y To CO USS ARKANSAS- Approved 9/1 Yd co U.S. Atlantic Atl. Battleship force 9/5 Rwd Operns dis- approving recommendation of CO Y Rwd Operns- gives action 9/15 card 10 To Insp machy NYS- wishes to make all necessary arrangements for putting turbines in best rating condition of Parsons marine steam turbine co 10/6 Parsons Co.- Request opportunity to investigate turbines. 10/9 BY Insp NYS 10/13 BY WYOMING and ARKANSAS Lubricating oil sep 488-9 arators- instn of. Do
642304	9/28	To NY	
644366	10/6	Dept	Request refit starboard and port LP head and stern turbine casings. Also repair pistons. Y

1917

ARKANSAS: MAIN ENGINES.

Number.	Date.	From or To—	Subject.
268246	12/18	Dept	Directs Norf make repairs to high pressure turbines - Y
268265	12/19	NY	Confirms telephone conversation relative to high speed backing turbines - Y
269528	12/17	CO	Alterations to present exhaust trunk of L P turbines - Y o NY- Alterations auth. 1-7
267989	12-18	Phone NY	Astern high pressure tubing. Reports rubbing on the side and on the top. D
274720	1/12 1/14	CO NY	Repairs to astern turbines - Y Fwd Dept- 1-19
276626	1-17 1-21	CO Atlantic Fleet	B&P Astern Turbine Submits detail report on cost of deterioration. N.Y.

ARKANSAS: MAIN ENGINES.

Number.	Date.	From or To—	Subject.
281333	2-2 2-13	CO Department none	True up the gland packing ring throats. Y. Hwd Operations: 2-14 none Boston: 2-14
✓ 282938	2-19	Department	Authorize turbine work. Y
415142	4/25	CO	Req. auth. to substitute original instal-121-15 lation of turbine gland steam lines for present lines D.
466035	12;19 12;24	CO Pug Sd	Exhaust trunks for low pressure turbines— recommends job orders covering be cancelled.D To Pug Sd—Cancellation of job order appvd. copy to CO and PAC FLT. 12-31
468941	1;3	CO	1920 Submits report on condition of main turbine upon opening same for inspection.Y CO ask if Bureau has any dummy piston forging in store-3;6-Y
✓ 478398	2/27	To Inspr NYS	Information reqsd as to compositio used in mfg blades packing binding wire lacing wire and root fixing wire for main propelling turbines of vessel. D Inspr NYS-3;1
✓ 551403	2;14 3;2	CO Battleship Force	Reqd open up main turbines for exam.Y Hwd Ing Snd ee C-I-C "a e fleet- 60 3/15

1917

ARIANAS: MAIN ENGINES

Number.	Date.	From or To—	Subject.
✓ 234946	2/11	Fwd Norf--9/17--RB9/21.	H.P. Astern turbines - lifting casing - Norf states no material will be ordered for the rotor drums. pending instruction from Bureau Y
OVER	8/17	Fwd Dept--8/17	To--(T) Gives action on 6/25
		To Norf--Directs assemble material for repairs to turbines. 8/17	To Phila-- Ask progress made on forgings. 7/24
	9/5	Fwd Norf--9/5	Insr Phila - Midvale Co state will expedite 7/26
	9/11	To Norf--Ask what has been done. 9/6	Norf - request action 7/27 Y
✓ 235134	6/23	Ph ne Norf	H.P. Astern Turbine. Re renewal of rotor. Y Norf - 6/26 Y
✓ 235492	6/26	Phone Norf	H.P. Astern Rotor. Are preparing reqn and will have expedited. Y
✓ 238269	7/9 7/11	Midvale Steel Co S&A	Forgings - request waiver of photomicrographic requirement overlooked in submitting quotations S Fwd S&A--7/18
✓ 240178	7/24	Pgh T	Rotor drums - asks contract requisition from maker S

ARKANSAS; MAIN ENGINES: 121 - 9

Number.	Date.	From or To—	Subject.
✓ 240663	7/26 ~~8-26~~	Phone Phila	Rotor drum. Re expedition of manufacture. Y To—Ask progress being made. 9/5 Insp Phila - expect to make shipment 9/15 - Y Twd Norf - 9/10 --- RB 9/17.
✓ 244196	8/16	Phone Norf	H.P. Rotor drums. Yard stated will not have to be replaced, but parts will. Y
234946	9-22	To Norf	Auth additional stud. Y R B 10/9 To NY-12-10
		<u>OVER</u> To NY-Methods appvd. 12-28	NY finds summary of high pressure astern turbine clearances 12-22
257530	10/29	Atl Flt Copy	States not necessary to lift turbine casings at this time. Y
264750	12-1	Phone Norf	Two steel rotor drums for. Asked if have been received. Y Phone- Rotor drums have been received. 12-3 Y
✓ 265490	12-7	Phone NY	Work at NY- Informed that ARKANSAS will proceed there for work. Gives repairs required. Y

ARKANSAS: MAIN ENGINES.

Number.	Date.	From or To—	Subject.
212883	1-27	Norf Personal Norris)	turbines; are grinding down rotor drum in lieu of filing off tips casing blades working overtime.CD
212913	1-29	Norf	Will have dock trial Tuesday or Wednesday.D
213094	1-31	CO	Dock trial indicates repairs to turbines will enable ship to go to sea; request permission to sail Feb 2. Y
213457	2-2	Norf	HP astern turbines; submit genl report on work done.D.
214233	2-6 2-9	JAG Dept	Report of board investigation on injury to turbines.D Fwd 29 1-12/12
214346	2/10	To Bridgeport Brass Co	Fwds blueprints showing blading data for Parsons turbines of. D
214527	2/13	Norf T	Request authority to place telegraphic orders for blading material and dummy strips, Amer Brass Co.D Fwd 3&A—Rec appvl. 2/13 RB 3-24 To 3&A—Reqt reply.3/22 RB 3-24

ARKANSAS: MAIN ENGINES

121 -- 9

Number.	Date.	From or To—	Subject.
214608	2/13	To Dept	Repairs to H.P. Rev rsing turbines. Will clean out rust forced between rotor and rotor spider.D
217651	2-14 2-26	CO At Flt	Reports in detail on emergency repairs to damaged backing turbines; special commendatory mention Lt. Wilson and Lt Comdr McCommon. C Fwd Dept--3/16 Rd 3-22 Fwd Dept--3/13 Rd 4-13
219347	5-23	Telephone	To and from New York; turbine replading. 3 messages. Y
221029	4-4	Parsons Co repairs be	Turbine machinery; recommends permanent make as soon as possible.DY Co--Apprs offer. 4/7
228967	5/18	Phone Norf	Re reblading H.P. astern turbines. Y
229648	5/19	Phone Norf	& UTAH. Rec work on turbines be not done at this time. Re evaporator job on UTAH. Y Phone Norf--Re work on. 5/21

ARKANSAS: MAIN ENGINES:

Number.	Date.	From or To—	Subject.
186775	5-3	Dept	Directs NY to lift turbine casings; assisted by ships force. Y
187140	5-4	NY	Lifting of turbines; will undertake as directed by Dept; require 30 days; makes general recommendations against lifting of turbine casings when engines are working satisfactorily; if done every 2 years as directed, ships force should do work when opportunity offers. C Fwd Dept— 5/9 RB approving spreading over 2 years of matter of lifting turbines 5/13 Fwd Dept—Refers to 170408-742. 5/15
191257	6-16	NY	Increased estimate for regalanizing metal covers of turbines. Y To— Appvs. 6/21
193697	7/8	CO	Reports on lifting of main turbine casings in detail, are in excellent condition. Y
210869	1-8	CO	T Copy Stbd HP astern turbine stripped; port turbine also giving suspicious noises. Y Operations directs proceed for engine repairs 1/9 Operations copy send Norf for repairs 1/8 Operations directs Norf to repair engine turbines 1/10
211274	1-11	CO	R Request 1c days repairs on turbines. Y

APPROX: MAIN ENGINES. 121-9

Number.	Date.	From or To—	Subject.
211447	1-12	NY	Turbine rotor; drums; reqt vandynnes.D
211407	1-10	CO	Main engine: reports on injury; recommends broken blades be removed and vessel be allowed to go on Southern Cruise with reduced backing power.YD Fwd Dept—1/15
211863	1-16	CO	States examination shows both high pressure astern turbines damaged; are cutting off broken blades to permit vessel to sail Jan 20.Y Fwd Dept—1/24 RS 1-30
	1-18	Dept	Q, probable date readiness for sea Feb 3
			CO (flimsy) probable date of readiness for sea Feb 2 1/27
211935	1-18	NorF	Blade tip clearance; 4th expansion; reports on; will not make any changes present overhaul. D
212131	1-19	CO	Trial after work done at NorF shows insufficient Recommends additional temporary repairs be subn. 1/21 To NorF—(T) Req't full report after examination. 1/22
212643	1-26	Parsons Marine T.Co.	Reports on troubles with recommendations for overcoming; recommends yards be furnished with plan entitled "Instructions for adjusting turbines" gotten out by builders.D to 113—req't copies of be obtained from builders. and added to Bu. 1/27 to 115—action taken. 1/27 115—instructions for adjusting turbine 1-29

ARKANSAS, Main engines, etc

1913

✓ 4

Number	Date	From or To	Subject	
97675	5/17	NYS	Defects & deficiencies, re rehabilitating I.P. turbine.	121--2
113095	12/16	ARKANSAS	Reports on economical operation of during recent LHO. O. B. CHUISE, and special arrgts made to insure economy at slow speed, recommends similar change on all new constructions.	637
✓ 113865	12-29	CO	Reqd that only one turbine casing be lifted. To---appd. 1/2	Y
1914				
✓ 114499	12-19 1-6	Parsons Marine Steam Co NY 370-590-1	Bottom thrust block: f.w.s. print showing modified type of adjusting block; submits estimate for installing; vessel requests. To NY disand for LAK; appd for trial on 1/13. NY repn being prepared for forgings; lower half only made 1-21 To NY, unders and ing or so is correct. 1/26. NY MING objects to trial installation of white metal facings for thrust 1/21 To NY MING directs cooperation in trial.	Y Y 2/7
✓ 116835	1-29	NY 320-960-20	Lag lub oil coolers; cancel JO. To---appd. 2/5.	Y
✓ 117658	2-11	NY 370-593-10	Repair thrust block. To---appd. 2/14.	Y
122047	4-8	CO	Reports on condition of IPO turbine on lifting of casing.	Y

ARKANSAS: LA IN ENGINES.

121-9

Number.	Date.	From or To--	Subject.	
✓ 137955	10-26	CO	Reqt authorized receiver pressure main turbines. D To-- For further information. 11/5	
✓ 140219	11-17	CO	Reqt instructions re setting for high pressure ahead and astern turbines. D To-- Instructions. 12/7	
141307	11-14	CO	Reqs. BU. type of oil cooler	121-8
✓ 142700	12-18	CO	Reqt cancellation of order to change oil coolers to BU design. S&K type now operating satisfactorily. Y Fwd CO via NY-- Appvs. 12/28 CO 18	
			191	
✓ 143425	12-27	CO	Reports on condition of turbine when casings were lifted. Y Fwd net--Have auth to omit examination of other turbines. 1/2 To-- Appvs omission of further examination. 1/2 sb	
✓ 151792	3-29	CO	Reqt that turbine casings be not lifted next overhauls. Y To-- Appvs. 4/9	
168351	10/11	CO	Fiske turbine oil "A"; prelim report test	692
			1916	
180532	2/17	CO	Atlantic Refining Co No 184 turbine oil; reports on	692
185795	4-11	CO	Lifting of turbine casings. Y Reqt Dept--Reo casings be lifted. 5/2 RB appd 5/5	

ARKANSAS: MAIN ENGINES, ETC.

1912

Number.	Date.	From or To—	Subject.
67173	4/24	NYS 955-2280	Turning gear for turbines; re-submits prints covering L. To---appd. 5/4.
68791	5-14	NYS 546-2016	Turning motors for main engines; fwsd copy of letter to Diehl changing full load speed 400 rpm. to 375 rpm. L To---appd. 5/18. To---2d paragraph appd. 5/20.
69197	5-18	NYS 576-2016	Turbine turning motor; fwsd specs. and list of spare parts. N-L
69935	5-28	Brook 4433	Turbine turning motors; fwsd test records. S To NYS. &---prel. accepted. 6/1.
70800	6-10	NYS 1234	Blading and caulking strips for h.p. cruising turbine; fwsd copy of order. Reqt. instructions re expediting inspection. S. To---appd. 6/12. To Hart. directs shipmt. 6/12.
70861	6-10	NYS 1233	Comp. castings for blading stops; fwsd copies of order; asks inspection be expedited. N-S To---appd. 6/12.
70965	6-11	NYS 676-2016	Turbine turning controllers; furnished by Cutler Hammer Co. Reqt. approval. L
72963	7-9	NYS	Gargoyle oil; remaining on board; after trial; recommends be not purchased. N To---purchase not approved. 7/18.
76769	8/27	C&R 25199-E.14	Fwsd estimates change in cost ect. in connection with fitting foundations for forced lubrication system. N To NYS Asks if work has been adjudicated. 8/29. Fwd C&R. satisfactory to Bu. 9/3

ARKANSAS: MAIN ENGINES? ETC. 121-9

Number.	Date.	From or To—	Subject.	
✓ 77018	8/30	NYS 2267	States estimates covering cost of foundations for lubricating oil settling tanks. were not included in estimate on change in lubricating system. N	
81851	10/31	NYS	ARKANSAS: Recommends changes in emergency and control governor, etc. fws print	121--21
83385	11-22	NYS 2302-2267	Forced lubrication; settling tank foundations; inc. cost. N To---ToGen Insp for inc cost. 11/23.	
85548	12-18	Bd on Changes, NYS	Portable foundation forced lubrication tanks; inc. cost. N To NYS. Appd. 12/20.	
85858	12-24	NYS	Foundation forced lubrication; change in weight. N Fwd C&R. 12/27.	
✓ 89814	1-29	CO	1913 Stbd h.p. turbine; reports excessive wearing thrust rings due to too much propeller thrust. Y Fwd NYS. for comment. 2/11. & P To---Fws copy of NYS's letter. 2/21. Fwd 3d 1&3. 2/21. RE 3-10	
91405	3/6	To CO	Turbine blading: fws copy of Parsons' turb. letter recommending modifications, and asks if recommend for vessel. C.O. recommends against 3/18	455-9

Number.	Date.	From or To--	Subject.
✓ 41701	6/19	Chester 1925	Castings: rel to rejection. Goes into detail re tampering with stamp by Penn Steel Casting Co. S
43482	7/11	NYS 1424	Ladders, gratings and floor plates in engine room: fwds tracing of: N To C&R. Request plans of operating gear for armored hatch be submitted. 7/19. To --- Appd as mod. 8/14.
✓ 44121	7/20	NYS 1489	Recommends fitting additional oil coolers in each engine room to provide reserve capacity cooled oil for turbines. N To --- Appd. 7/22.
✓ 44476	7/25	NYS 1542	Fwds contractors proposition to make changes in steam leak-off of inner pocket h.p. and i.p. cranks in turbines. N To --- Appd. 7/31.
✓ 45612	8/4	C&R 23333-E.4	& UTAH: Armoured hatches in engine room: fwds prints of opening gear. N
55173	12/4	NYS 2685	H.P. ahead turbine: relative to relief valves on steam chests. N To --- Relief valve must be fitted. 12/6.
24750 Old #	2/13	To NYS	1912 Forced lubrication system: settling tank: tanks to be installed in each engine room. N Request estimate of increased cost.

ARKANSAS 121--9

Number.	Date.	From or To—	Subject.	
61948	2/23	NYS	Report on operation: during dock trial	121--2
✓ 63439	3-9	NYS 633-2267	Settling tanks; forced lub. sys; Inc. cost. N Fwd Dept. Rec. appr. of installation. 3/14. To Genl. Insp. for inc. cost. 3/15 Fwd C2R. 3/16. To --- plan appd. 3/16.	t. 3/15
63767	3/16	To NYS	Rings, made in halves, will be fitted to rotor shafts at each end to deflect the escaping steam from the oil guards of main bearings. 3/16 N.	
/ 64941	3/28	NYS 713-2265	Deflectors on rotary shaft: gives est. inc. cost for installing, to prevent water and steam from glands entering lubricating oil. E To --- Not to be treated as change in cost. 4/1. Fwd C2R. 4/1.	
✓ 65264	4-2	Bd. on Changes, NYS	Settling tanks for forced lubrication sys; Inc. cost. N Fwd Dept. rec. appr. 4/3. RB 4-6a'ppd To NYS appd. 4/8.	
✓ 65739	4-6	NYS 393-2016	Main turbines; training motors for; drawings of Diehl and Cutler Hammer to supersede those approved by Bureau. N To --- appd. 4/19.	

FILE No.	From or To— (Dated)	Subject.
✓ 28376 1/4	NYS 22	White metal for bearings: requests inspection be expedited To -- Ref Phila request analysis 1/7. R.B. Given action. 1/11 Fwd -- 1/12. R.B. 1/17
✓ 31549 2/13	NYS 778	Exhaust nozzles for H.P. turbines: fwds b/p N To -- apprd 2/17.
✓ 31604 2/14	NYS 341	Lifting gear for main turbines: fwds b/p.N To -- apprd 2/17.
✓ 32949 2/3	NYS	Turbine turning motors: fwds plan of description Ret -- Apprd as mod. 3/11. R.B. 3/14
✓ 33414 3/9	NYS 520	Throttling calorimeters: est. inc. cost.N To -- Apprd 3/11.
✓ 33423 3/9	NYS 529	Change in material of thrust collars. Inc. Cost. R. To -- Apprd 3/11. Fwd Dept rec appr. 6.13. BB 6-17 a'ppd
✓ 36873 4/11	NYS	Governor gear, indicators, etc. Fwds b/p.N To -- apprd as mod. 4/15.
✓ 38619 5/12	NYS 1060	Lubricating oil storage tanks: in engine room; fwds prints showing err. and details.N To -- apprd 5/22.



Number.	Date.	From or To—	Subject.
632245	7/19	To NY	Alterations to Distilling Plant— Fwds Plans To Comit New York— Fwds vandykes 8/31 Db
636216	7/28 8/3	CO Atl. Fleet	Request removal of present boilers and install 4 small type battleship oil burning boilers. DY Fwds Operns 8/21 BB 8/28 Y Fwds Nav Opers Vaa C&R 9/8 Db
639577	8/18 8/19	CO Atl. Battleship Force	Request spare water leg for main boiler be furn. Y To S&A Reinst shipment of boiler parts from Phila to NY 955 8/25 13 10/14 Y S&A 9/13 Copy of action to NY Y
651581	11/20 11/27	CO Atl Fleet	Fwds sketch of present & proposed arrangement to co- boiler by Rear Admiral authd 12/8

Number.	Date.	From or To—	Subject.	
659144	11/28	NY	Submits estimates covg changes to main boiler fronts Y	121-8
655392	12/29	NY	Confirms telephone conversation rel to low pressure evaporating plant and new refrigerating system D	

1921

7

Number.	Date.	From or To—	Subject.
582107	8/25	To Pug Snd E	Boiler Repairs : Give comments Yb Pug. Sd. - Nec to renew 98 tubes. 9/12 Y
597603	11/23	CO	Fwds samples of tubes taken from vapor feed heaters of evaporator plant showing pitting and corrosion- rest be retubed. Y To N.Y. issue of tubes authorized cc CO 11/30
605810	1/22	CO (T)	1922 Request safety valve plug complete be fwded from N.Y. Y Brooklyn- (T) Cannot supply/ 1/24 R To N.Y. 1/24 Ask to have available for shipment CO (T) Request valve springs and discs be To N.Y. 1/24 PY valve body will be repacked 1/24
616446	3/17	CO	Boilers- internal feed piping- desire to request to diminish corrosion- present piping below normal water level. D. To C.I.C Atl Fleet Gives inform cc Comdr ship WYOMING CO 4/7

121-10

Number.	Date.	From or To—	Subject.
✓ 616577	3/24	CO	Request side cleaning doors for main boiler be furnished Y Fwd Atlantic Fleet 4/8
✓ 620013	4/4 4/21	CO Dept	Request renew ash pans in boilers Y
✓ 626088	5/31	N.Y.	Subm estimates cov repairs to internal feed piping fittings and steel drum fittings. Y
✓ 626854	6/6	New York	Forced draft blowers motors. Fwds revised vandykes Y

ARKANSAS; MAIN BOILERS; ETC

Number.	Date.	From or To--	Subject.	
385210	1:11	Norf	Req. vandykes showing 6" patent ejector	
435241	7/8 7/25	Pacific Flt Dept	Examination of boilers - report on urgency of repairs needed - Fwd Operations. 2-29 Dept-8:7	
436904	8/2	Pacific Fleet Copy	MISS. has two damaged propellers. ARK boiler 494 defects of machinery caused fuel consumption to be excessive & fuel expenditure also heavy. A Combairon One-copy- arrange to have to install spare propeller shaft and couplings 3/12	
449869	10:3	JAG	Report of Bd of Investigation to inquire into present condition of condensers and boilers.Y	121-8
451181p	10:8	Pug Sd	Boilers- reports on-submits sketch showing tubes to be removed and proposed method of securing elements-fwd samples from tubes.Y Fwd Operations. 10-15 BB-10:18 To Pug Sd- (2)-Renewal two inch tubes boilers authorized. copy to CO and Operations. 10-18	
451966	10:9	EO.	Request authority to dismantle and turn in ~~xxxx~~ fire room elevators and equipment. IAD cross to fire rooms & Elevators. Fwd C&R. 10-22 1921	
52x 569592	3:10	Pug Sd	2 was removed of condenser tubes.	121-9

1910

121 - 10

Number.	Date.	From or To—	Subject.
452861	10/21	P Snd Copy	Reqt immediate shipment of tubes necessary to retube boilers - Y P Snd - T - lists additional material To (T) - Shipment 2" boiler tube for ARKANSAS will be made from Mare Island. 10-21 To (T) - boiler tubes 3/4" OD .083 thick to be furnished from Mare Island. Condenser tubing .527 OD not standard and not in stock. Advise necessity of tubes. 10-22 P Snd - T - 11/1 Pug Sd-reqt action-12:19
453112	10-22	To S&A	Reqt shipment boiler tubes from M is Pug Sd. Yb R B 1/26 To S&A- Reqt shipment boiler tubes from M is to Pug Sd. 10-22 RB-12:13 To Pug Sd. Advise if tubes rec'd. 12-20 To Pug Sd. Advise if tubes rec'd. copy to CO. 1-15
468613	1:6	Pug Sd	Smoke pipe for ranges in crews galley- fws prints with estimates. R To Pug Sd- plan appvd. 1-23 copy to CO
554151	3:19 3:23	CO Pac Battleship Force	Fws samples of corroded boiler tubes. Y To Annapolis Reqt Test be made cc Pacific CO 3/30

1913

Number.	Date.	From or To—	Subject.	
112787	12/15	C.O.	List of forced draft blower work be done by ships force.	121--8
129774	7-5	CO	Reports changes made in false bridge wall and resulting economy in coal-D To--comments; further experiments not appd. 7/22. CO have removed fittings 8-9	
132038	8-2 8-11	ARKANSAS Exp. Sta	Best analysis of deposit found around hand plates B&W boilers. D	
177193	12/6 1/26	To CO	Safety valve setting	680
193059	7-7 2:16	NY CO	Forced draft blowers, fwds print and submits estimate for installing self aligning ball bearings. 1 To--Auth to replace 7/12 To CO--inform effect on installation of self-aligning ball bearings. 2-7 see 390872-488-10	X
217094	2-12	CO	Description and report on operation of evaporator coil drain feed water heater; fwds plans and recommends adoption as standard installation; designed by Lt. EE Wilson	750
240190	7-24	Phone Pitts	Re Progress of work on rotor drums for ARKANSAS, etc.	666

121 - - 10

ARKANSAS, Main boilers, etc.

Number.	Date.	From or To—	Subject.	
260714	11-15	To CO T	Referring verbal reqt. Fifth port transfer ARKANSAS to WYOMING spares for blowers the blowers of these vessels not similar. Telephone to Bu spares required. Y	488-10
270232	12/28	Patrol Force copy	Request complete set of tubes for boilers. Y	
287408	3/6	CO	Request change in safety valve settings - D To Comdr Div. 8 via Battle ship Force Two. 2-14 To Comdr Div. 8 via Battle ship Force Two. 2-14 To Comdr Div. 8 via Battle ship Force Two. 2-14 To Comdr Div. 8 via Battle ship Force Two. 2-14	
319041	6-21	To SEA To 118/4	Rqst shipmt distiller from NY to C O D To NY via SEA Rqst inform re receipt of above 8-12	
319077	6-29	To NY	Enclose in various prints of modification of ov- for the distiller plant, D	
319078	7-17	NY	Request on ship of request for cancellation of shipmt distiller from NY to SEA. Re cancellation of shipmt-distiller 7-29 NY - T - Shipmt order cancelled. D 7-10	

ARKANSAS: MAIN BOILERS:ETC.

1912

Number.	Date.	From or To--	Subject.	
61447	2-16	NYS 404-2259	Omission of spare ash pit doors necessitates changes in specs. N	
61948	2/23	NYS	Reports on operation, during trial.	121--2
62312	2/28	NYS	Back trial: furnace mouth check plates burnt out, contractors claim caused by poor firing; think defect is in arrangement plates, suggest be remedied before trial.	121--2
62440	2-29	NYS 534-2256	Evaporators; asks what is a safe working pressure while being worked in double effect. N To---50 pounds. 5/2.	
79746	10-8	NY 370-759	Modified internal feed piping; asks if order is to be transferred to Phila. D To---cancel J.O. 10/10	
83375	11-22	NYS 2365-2295	Fire room ladders; alterations; inc. cost. N To---To Gen Inspr for inc cost. 11/23.	
83376	11-22	NYS 2360-2287 VOID	Gary-Cummins torsionometers; inc. cost. N	
83377	11-22	NYS 2368-2286	Distilling plant; change from single to double effect. inc. cost. N To---To Gen Inspr for inc cost. 11/23.	
83380	11-22	NYS 2369-2269	Forced draft blowers; remote control; inc. cost. N Fwd Det. Reqt approval. 11/25. RBH:79 s'ndd To---appd.---To Gen Inspr. 11/29.	

ARKANSAS: MAIN BOILERS: 121-10

Number.	Date.	From or To—	Subject.
✓ 83383	11-22	NYS 2361-2269	Forced draft blower discharge; automatic shutters for inc. cost. N To---To Gen Insp for inc cost. 11/23.
✓ 83751	11-27	NYS 2345-2266	Ash ejectors: est. doc. cost. N Fwd Dept. recd appr. 11/29. R. 23. appd To---& Gen Insp. doc cost. 12/4.
85549	12-18	Bd on Changes, NYS	Fire room ladders; inc. cost. N To NYS. appd. 12/20.
85550	12-18	ditto	Distilling plant; change in from single to double effect. inc. cost. N To NYS. appd. 12/20.
85554	12-18	ditto	Forced draft blower discharge; automatic shutters; inc. cost. N To NYS. appd. 12/20.
85558	12-18	ditto	Control apparatus forced draft blowers; inc. cost. N Fwd Dept recd appr. 12/20. R. B1 2 appd To NYS. appd. 1/2. Change in weights 1-6 Fwd C&R. 1/8.
85560	12-18	ditto	Substitute ash ejectors for expellers; inc. cost. N Fwd Dept. recd appr. 12/20. R. B1 2 appd To NYS. appd. 1/2. change in weights 1-6 Fwd C&R. 1/8. Memo. to Capt. Whitehair comment re inc. cost under C&R. 8/5
85561	12-24	NYS	Distilling plant; change in weight. N Fwd C&R. 12/27.
85567	12-24	NYS	Shutters for forced draft blower; change in weight. N Fwd C&R. 12/27.
85568	12-24	NYS	Fire room ladders; change in weight. Fwd C&R. 12/27.

1913

ARKANSAS: MAIN BOILERS: ETC.

Number.	Date.	From or To--	Subject.
✓ 45962	8/9	Bd. on Changes. NYS 1648	Inswirling ash doors: est. inc. cost. N To Genl. Inspr. for inc. cost. 11/18. To NYS and d. 8/17.
46518	8/16	TO NYS	Directs estimates be submitted for automatic shutter on fire room blower discharge. N
48309	9/9	NYS 1848	Tubes: reports several tubes in atbd boiler will foul steam chest of auxiliary feed pump in case it becomes necessary to remove. N
49856	9/29	NYS 2023	Fire room blowers: fwda tracing. N To Genl. Inspr. 12/18.
✓ 53796	11/16	NYS 2509	Ash holst: estimated increased cost due to c- changes in. N To Genl. Inspr. for inc cost. 11/18. Fwd C&R. 11/18.
✓ 54826	11/29	NYS 2650	Recommends removal of ladders, upper grat- ings to fireroom floors---take up for much room. N To Appd. Install ladders on blkd. 12/2.
✓ 55601	12/7	C&R 25151-E.16	Gratings for uptake hatches: fwda prints. Recommends contractors not make modifications at this time. N Ret-Concurs. 12/18.
✓ 55966	12/13	To NYS	Swash plates in boiler steam drums: will be sheared off about 3" from bottom to allow greater passage of feed water. N

ARKANSAS: MAIN BOILERS: ETC. 121--10

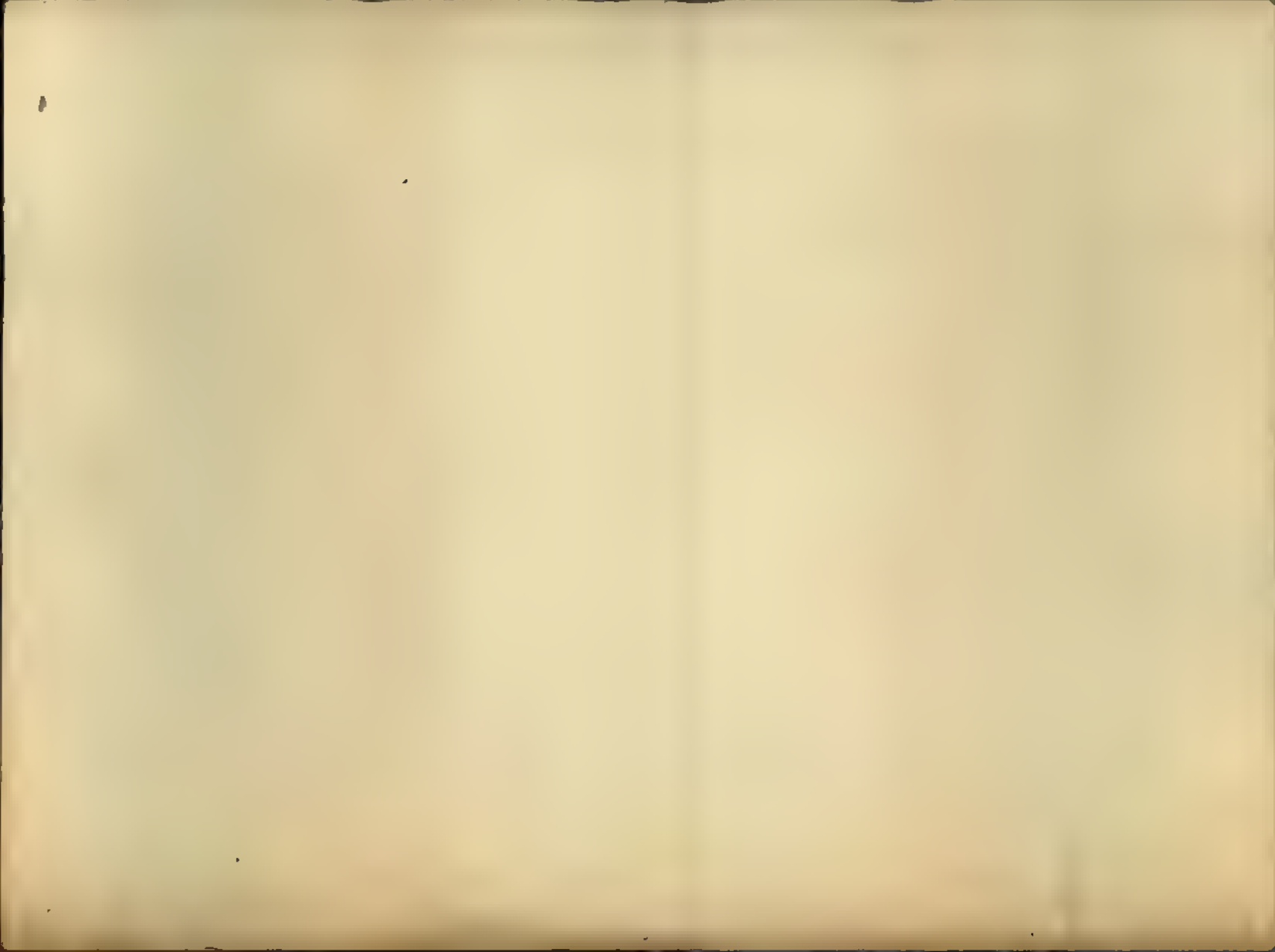
Number.	Date.	From or To—	Subject.	
✓ 56478	12/18	NYS 2832	Fire-room blowers; shutters for; fwds modified tracing. N To---Appd. with mod. 12/23.	
✓ 57269	12/28	NYS 2925	Fire room ladders; alterations to; fwds tracing. N To---appd. Reest est. of inc cost. 1/9.	
57575	1/3	NYS 2259	Swash plates in boiler steam drums; 32W state no change to be made and recommends Bureau to adhere to original proposition at increased cost. N To---Change to be made; reest est. of inc. cost. 1/4.	
58171	1/9	NYS	Arr. detail and fittings boilers for fuel oil.	121--16
✓ 59694	1/26	NYS 208-2259	Cutting off swash plates boiler drums; est increased cost. N To---Genl Inspr. for inc cost. p--Fwd C&S. 1/27.	
60458	2-5	Bd. on Changes. NYS 251-2259	Boiler drum; cut away bottom swash plates; inc. cost. / N To NYS appd. 2/6.	
✓ 60448	2-5	Bd. on Changes. NYS 280-2266	Change ash hoist; inc. cost. N To NYS appd. 2/6.	
✓ 61078	2-12	NYS	Asks if spare inswinging boiler ash p n doors will be required. N 2/15. via 32A. Directs omit from allowance. To---Not required. 2/15.	

FILE No.	From or To-- (Dated)	Subject	
✓ 34747 3/27	To Gramps	Directs installation of inswinging ash pan doors. N To -- Gen Inspr for inc cost. 3/27.	
✓ 35872 4/8	NYS 798	Ladders and gratings in fire room; fwds trac. N To -- Apprd 4/11.	
✓ 35859 4/10	NYS 805	Ash ejector; fwds prints of piston pump proposed for. N To -- Apprd as mod. 4/14.	
✓ 37309 4/27	NYS 933	Evaporating & distiller plant; arr. of: submits modified plans. N To -- Apprd as mod. 5/8.	
✓ 40282 6/2	NYS 1199	Inswinging ash doors; fwds B&W prints. N. To -- Apprd 6/5.	
17694 6/13 Old #	To Dept	Nolan bottom blow valves; Change in cost. Rec approval. N	
✓ 41684 6/20	NYS 1327	Ash ejector pump; reqt approval of Katzenstein's metallic packing in place of Harper's mica para. N To -- Apprd 6/22.	
44546 7/24	Taunton New Bedford Co	HENLEY; brass tubing; will waive tensile strength.	442--1C
25788 old #	R.E. from Inpra NYS	ARKANSAS: re tests of forced draft blower motors & spare armature. 8.7	old number



FILE No.	From or To— (Dated)	Subject.
28951 1/11	B&W 25	Recom. furnishing copper flexible hose, for to auth. cert. to for steam hose and 1/2 flex. metallic type for compar- ative trial 1/21.
√ 30430 1/25 1/25 1/30	Schutte & Koerting Phila. Ins. 2517 Cramps. 201	Feed water heaters; fws rect. from sub- contractors for permission to tin leaky headers. D To Insp Phila. Appd 2/1 R.B.L/C
√ 30839 2/4	TO NYS	Inswinging ash doors for boilers; directs: submit estimate for increased cost for fittings. D.
√ 31432 2/11	NYS 333	Evaporator feed water heater; asks if duplicate of UTAH will be satisfactory. N To -- Utah's satis. for Ark. 2/11.
√ 31675 2/15	C&R 25105-E.2	Fireroom elevators; fws plans and specs. for comment. N Ret -- Satis. to Bu. 2/23.
√ 32178 2/21	Phila 2517	Feed water heaters; reports leaky headers tinned and satisfactorily tested. S Ret. -- apprs acceptance 2/25. R.B. 2/28
√ 32924 3/2	NYS 460	Evaporator & distilling plant; fws tracing showing genl. arr. N To -- apprd as mod. 3/14.
√ 32951 3/3	NYS	Floor plates in firerooms; fws tracing show- ing arr. N. To -- Apprd as mod. 3/6.
34209 3/23	To Dept	Inswinging ash doors; Rec. be fitted. Also for WYCKING.

488-10



Number.	Date.	From or To—	Subject.	
590885	10/6 10/17	CO ARKANSAS Atl Fleet	Summits report on changes power boat mach Y	611-9
595162	11/16	C&R	Copy of letter to CO asking what flag boats are on board for BS Div 5. Y	611-13
598628	12/3	C&R	40' motor barge 3170 is on board ARKAN- SAS for use of Battleship Div 5 Y	611-13
Ark Rons	163-179	LM/17 To CO	power boat engine parts— Gives Action taken on rons Ye R	
636922	7/31 Y	JAG C&R	Report cov fire in 4th motor sailing launch on board ARKANSAS BY	611-2
539160	8/17	CO	request spare parts listed for motor boat engine be furnished Y To CO USS ARKANSAS—Comments on 9/5 Ye	

121-11

N. Eng. 134

ARKANSAS AUX MABHY

1922

[illegible]

ARKANSAS: AUE MACHY

1921

Number.	Date.	From or To—	Subject.	
557423	4/13	C&R	Copy of letter to CO ARKANSAS stating 35' motor boats will not be obligated under funds Y	611-12
557133	4/12	C&R	Copy letter—Pacific Fleet in connection with cancellation of shipment of 50' steamer 5445 to CO ARKANSAS.	611-1
571341	5/23	C&R	Copy of let to Pug Sd stating 35' motor boat will not be issued to ARKANSAS until July Y	611-12
583331	8/25	Atl Flt	Ends special report on WYOMING & ARKANSAS 493 excessive fuel consumption—general criticism of inadequate and inexperienced commissioned and enlisted personnel and complaint that fleet engineers services are diverted from their proper duties with fleet. A	
585808	9/14	CO	Request authority to turn in all steamer spare parts on vessel. Y To CO Authd 9/23	
586505	5/20		Submit report on condition of power boat machinery Y	611-12
589743	9/24 10/7	CO ARKANSAS Atl Fleet	Submits report of changes in power boat machinery Y	611

ARKANSAS; AUXILIARY MACHINERY

2919

7

Number.	Date.	From or To—	Subject.	
384554	1/13	To Arkansas	Asks correction of ships log	611-2
393280	2/2	OO ARKANSAS	In conn weng #s inst in motor sailing launches Y	611-2
410383	4/16	To ARKANSAS	Request correction, on line 7171. Installed in boat 6456, reported as 6455.	611-2
456247	11/5	C&R	Copy letter to Norf directing turn over 2, 50' oil burning steamers to ARKANSAS. Y	611-2
459116	11/20	C&R	50' oil burning steamers 5453 & 5454 assigned to ARKANSAS: Y.	611-1
485507	4/3	C&R	July letter to ARKANSAS requesting full report be submitted on condition of 40' steamer 2808. Y	611
490432	4/17 4/28	ARKANSAS C&R	Submits detailed report on condition of 40' steamer 2808. Y	611-3
517295	9/17	To ARKANSAS	Request correction of number. Y	611
534364	12/11	C&R	Copy of letter to Norf authorizing ship 50' steamer 5445 to CO ARKANSAS. Y	611-1
556220	3/31	OO ARKANSAS	Request 2 35' Motor Boats be furnished Y	611-12

Number.	Date.	From or To--	Subject.	
270177	12-27	N Y	Boiler type W 44 installed in ARKANSAS'S launch 1115. Y	611-1
278582	1-24	NY	ARKANSAS. Launches 1177 and 1178 - rel to cost of repairs, etc. Y	611-2
280189	1-16	USS ARKANSAS	Motor launches 1177, 1178 fwsd copy of survey on request instructions rel to repairs to engines. Y	611-2
291318	3-20	NY	Engine W-1285 boiler 43 installed steamer 2630. Y.	611-1
319231	6/20	USS Arkansas	Boats 1028 and C-185 temporarily transferred to the Arizona. Y	611-2
320204	6/24	G&R	Confirms telephone conversation in connection with status of motorboats on board. Y	611
323064	7/5	Phone Call Norf	Authorize to install engines in two 40' motor sailing launches for ARKANSAS. Phone Norf-Rpts that engines listed be assigned to hulls 6695-6	
324384	7-8	Norf	ARKANSAS motor boat 6695-6 engine 7171-2 assigned.	611-2
325526	7-10	To Norf	re phone conversation re repair to self-starting motor, and engine rel to rel to Securg S.C. I	

Number.	Date.	From or To—	Subject.	
32284	1/22	D.		
329805	7/23	O&R	Arrival of launches 6695-51 and 1177-8 turned in store Y.	611-2
329903	7/22	O&R	Assignment of 40' M3 Launches to ARKANSAS Y.	611-2
366473	11/7	O&R	Asks re whereabouts of boats on 54, Nos. 1177 and 1178 ARKANSAS quarter ending 9/30	611-2
339431	11/15	Norfolk.	Co. firms to let 40' launch in conn with 40' launch 1178 turned in by Y.	611-2
375287	12/6	Sigs.	Copy 1152. 12/6 12/6 50' launch turned in to Y.	611-2
375297	12/3	Sigs.	Copy 1152 12/3 50' launch turned in to Y.	611-2
383394	1/7	O&R	Copy letter to Norfolk in conn with 50' steamer 5493 to ARKANSAS? Y.	611-2

ARKANSAS: AUXY MACHY

Number.	Date.	From or To—	Subj.	
✓ 206511-11-24		C&R	New power boat allowance.Y To NY—Ask if can complete boats before vessel leaves for south. 11/25 NY states engines must be in yard by Dec 10th in order to have installation completed by Dec 20th 12/2	
✓ 207438	12-5	C&R	Asks status of delivery of engines for motor sailing launches 2642, 43, and 2494.Y Norf. (R) engine received under test 12/6 To Norf.---(R) Ask if engine 3303 of barge 2494 has been received. 12/6 Fwd C&R—12/6 NY request delivery of motor barge 2494 be expedited 12/6 To Norf.—Bu advised that eng for Barge 2494 has been received at Norf and is under test. 12/9 C&R request engines be expedited 12/2	
208314	12/12	NY T	Reqt express engines	611-2
208896	12/16	NY	Boiler W 14 replaced in steamer 1032	611-1
210197	1-2	NY	1917 R ARK. & WYO: 50' motor launch; unable to complete due to non receipt of material from Norf. Lists material required.	611-2
210573	1-5	NY T	Launch received from Phila without fittings.Y Fwd S&A—Reqt fittings be delivered. 1/6 Rsl-29 To—(T) Norf directed delivery fittings. 1/6 S&A states papers have not been returned from Norf 1/16	

ARKANSAS: AUXILIARY MACHY. 121 -- 11

Number.	Date.	From or To—	Subject.	
212140	1/18	ARKANSAS	Motor sailing launch 2642 and 3. Fwds data sheets. Y	611-2
213899	2-6	NY	Eng 1312 removed steamer 3248 ARK for repairs	611-1
215659	2-21	NY ARK	Engine 1312 replaced steamer 2248 ARK	611-1
220057	3/16	FLORIDA	Motor boat 2494 transferred to ARKANSAS	611-2
240251	7-24	C & R	Steamer 1033 turned in from ARKANSAS to Norfolk	611-1
242700	8-6	C&R	Assigns 50' steamer no number to ARKANSAS	611-1
244991	8/21	C & R	ARKANSAS, steamer 1115 assigned.	611-1
251972	9-30	ARKANSAS R	Reqt auth to purchase in advance of requisition parts for Van Blerck engine for admiral's barge.	611-2
252636	10/3	C&R	Directs NY issue steamer to UTAH to replace 1031 transferred to ARKANSAS.	
252635	10/3	C&R	Reqt ARKANSAS inform Bureau as to what steamers were transferred to UTAH for repairs by Norf.Yd.	611-1
255944	10-13	ARKANSAS	Submits report on Van Blerck Motors in ships' boats.	611-4
259086	11-5	C&R	Assigns steamer 2630 to Arkansas. Y	611-1
262778	11-21	NY	Engine 1209 installed in cutter 1115, ARKANSAS. Y	611-1

ARKANSAS: AUX. MCHY.

1915

Number.	Date.	From or To—	Subject.	
172711	11/29	NY	Reports installation M eng 1312 steamer 2248	611-1
172610	11/29	NY	Seabury boiler 5000 installed in steam cutter 2248	611-1
177433	1/28	To CO	Power boat machinery; discrepancy in report	611-1
177886	2/2	To CO	Steamer 2246; Seabury boiler 5000; reqt report on efficiency of	611-1
178751	2/10	NY	Engine 1010 removed from steamer 1167 for repairs	611-1
178942	2/11	NY	Boiler 2073 removed steamer 1169 for repairs	611-1
181558	3/13 & 3/13	Reports installing Seabury boiler 5001, engine 313 in steamer 2249 From NY		611-1
183564	3/31	C&R	Motor boat 2747 assigned to in lieu of 40 steamer	611-2
185540	4/22	NY	Boiler 1454 removed from steamer 393 for repairs	611-1
185528	4/20	CO	Seabury boiler 500 in steamer 2248; report on performance of; if deficiencies remedied and safety valves increased to 200#, boiler will be satisfactory	611-1
185922	4-27	To NY.	Portable metal ash chute; authorize alterations to. Y	
186272	4/29	NY	Boiler type W-6, removed from steamer 988 for repairs	611-1

ARKANSAS: AUXILIARY MACHINERY. 121 -- 11

Number.	Date.	From or To—	Subject.	
186674	5/2	NY	Boiler type W#6 been returned to ARKANSAS	611-1
187866	5/15	To CO	Reqt submit new Table No. 14 to replace one sent in steam log	611-1
188107	5/15	NY	Boiler 5001 received from ARKANSAS for repairs	611-1
188676	5/2 ^u	NY	Seabury boiler 5001 returned to vessel	611-1
195604	8/4	C&R	Motor boat 2307 transferred to WYOMING	611-2
195605	8/4	C&R	Motor boat C-185 transferred from WYOMING	611-2
203424	10/23	NY	Reports removal of Premier engine 3359 from launch C-185, for repairs	611-2
203769	10/26	NY	W Boiler 6 removed steamer 988 for repairs	611-1
204724	11/6	NY	Premier engine 3359, installed in launch C-185	611-2
205849	11-13	CO	Boat boiler tubes; reqt authority to turn in. Y To via NY—Gives action to take. 11/18	RB 12-15
205655	11/14	CO	Motor rigs 2307 and C-185 and motor barge 10-28 transferred to WYOMING	611-2
206066	11/20	NY	Boiler type W replaced in steamer 988	611-1
206385	11-22	NY	Boiler W 15 removed from steamer 1033 ARK for repairs.	611-1

ARKANSAS: AUXILIARY MACHY

1913

Number.	Date.	From or To—	Subject.	
101038	7-8	C&R	Reports exchange by ARKANSAS steamer 1032 with 1169.	611-1
103627	8/13	To	Motor sailing launch 1177, not reported in log	611--2
105875	9/16	NY	Reports removal of type W-1 engine 1194 from launch 1032 for repairs.	611--1
107241	10/4	NY	Reports removal of boiler type W-1 14 from cutter 1032 for repairs	611--1
123189	4/22	C&R	Reports 50' steamer 988 and 33' motor boat C-185 transferred from WYOMING to ARKANSAS	611-1
126963	6/9	C&R p	ARKANSAS: reports transfer of motor barge C-182 from the FLORIDA	611-2
138314	10/30	To ARKANSAS	Motor boat C-182; reqt numbers of engine	611-2
142481	12-17	NY	W-6 removed from steamer 988	611-1
142475	12-17	NY	Eng 1191 removed from teamer 988	611-1
143949	1/6	NY	Reports installing boiler W-6 steamer 988	611-1

1914

1914

ARKANSAS: AUXILIARY MACHINERY. 121 -- 11

Number.	Date.	From or To—	Subject.	
151752	4/3	ARKANSAS	Reqt assignment of type KK engine to replace 2017 and 2004 motor boat 1177-8	611-2
153330	4/24	ARKANSAS	Reqt assignment of 2 HH engine to sailing launches	611-2
154513	5/7	NY	Boiler 2065 removed from steamer 1154	611-1
154814	5/12	NY	Type W boiler 14: removed from steamer 1032, ARKANSAS for repairs	611-1
156522	5/31	ARKANSAS	Reqt engine 2435 and 2436 be installed in sailing launches being overhauled in lieu of present DD engines	611-2
156416	6/1	NY	Reports removal of W-1 engine 1156, steamer 988 for repairs	611-1
156417	6/1	NY	Reports W boiler 5 removed steamer 988 for repairs	611-1
157021	6-5	NY	Engine 2017, 2104, removed from 1177 and 1178 for repairs	611-2
157492	6-11	C&R	2248-9 assigned	611-1
158969	6/23	NY	W boiler 14, replaced cutter 1032	611-1
158970	6/23	NY	W engine 1166, boiler 5, steamer 988	611-1
158974	6/23	NY	Boiler 2065 replaced steamer 1154	611-1
158972	6/23	NY	Engine 2017 replaced 1177	611-2
158973	6/23	NY	Engine 2104 replaced 1178	611-2
161489	7/18	Atl Flt	Reqt motor boat be supplied ARKANSAS for use of staff	611-2
164520	8/28	C&R	Assigns 35 th motor boat 2307 to staff BS Squadron to be carried on ARKANSAS	611-2

ADAMS: auxiliary machy

1912

2✓

Number.	Date.	From or To--	Subject.	
67530	4/29	Norf.	Reports issue boiler Bu. Design 8 to 990.	611--1
67529	4/29	Norf.	Reports issued of Type W 1168 to 990 engine	611--1
68791	5/14	NYS	Turning motors for main engines. fwsd copy of letter to Dishl Changing full load speed 400 RPM to 375 RPM	121--9
69197	5/18	NYS	Turbine turning motor. fwsd specs. and list of spare parts.	121--9
69255	5/20	NYS	Change in, caused by changing type of Terry turbine turning motors.	121--21
75325	8/8	C&R	BOATS, reports arrangement for shipment of steam cutter 1154, and motor sailing launches #1170 and 1178 to Phila. for.	611--0
77743	9/5	Norf.	Reports shipment of engine E-3 1026 and gas- oline engine 2104, 2C17 to Phila for	611
77742	9/5	Norf.	Reports issue of WARD boiler G-2 2065 to cutter 1164	611--1
79497	10/5	C&R	AUTH. issue steamer 1033 in lieu of 990 to	611--1

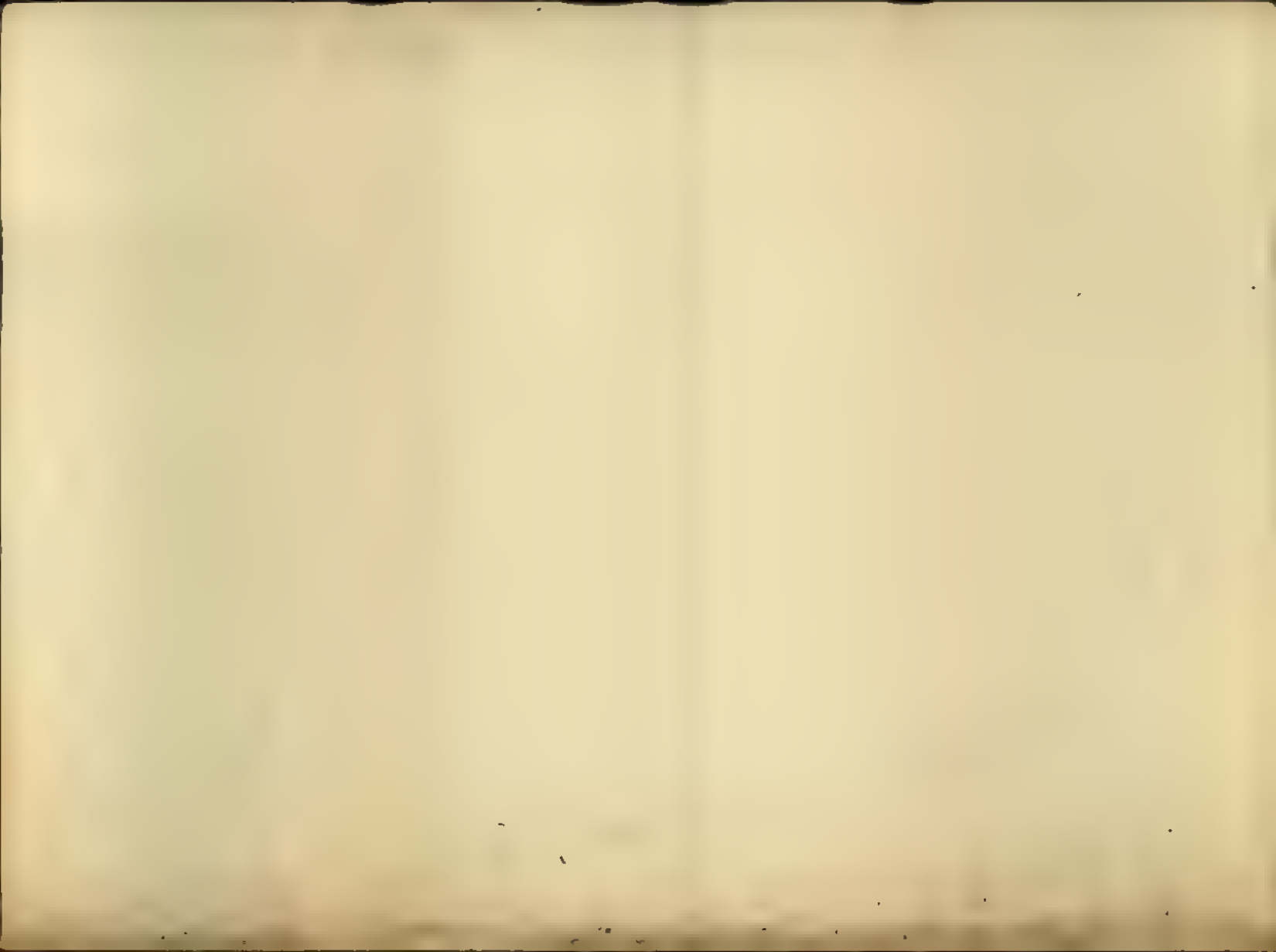
ARKANSAS: Auxiliary machinery. 121--11

Number.	Date.	From or To—	Subject.	
✓ No #	11/6	To Norf.	Type DD engine in sailing launch; request comment. D BB1--18	
82881	11/18	Norf.	Comments on survey(above) of DD engine in sailing launch on. summarizes tests of engines, etc.	611--2
84237	11/27	C.O.	Repair oil pressure gages and engine steamer 1033, type W-1 1195.	121--8
			1913	
88674	1/27	To Ark.	Power boat machy, steam log does not give numbers.	611--1
93063	3/19	Arkansas	Fwds report on changes made at NY.Yd in motor installations.	611--2
93345	3/28	NY	370-530-1 Requests authority to remove machinery from 40-ft. steamer 1154.Y	
94816	4/12	C&R	Reports temporary loan of steamer 1116 to	611--1

121-11

AUXILIARY MACHY.

FILE No.	From or To- (Dated)	Subject	
28877 1/11	NYS	RETS. cir. 30" fwd's prints of details of T&M steam turbine for	121-19
33259 3/8	C&R	BOATS: reports assignment of whale boats 1093 to: from ports	611-2
41710 6/21	C&R	BOATS: 30-ft whale #1092: assigned to gen. issue.	611-2
1912			
60724 2/8	C&R	BOATS: reports assignment of cutters 990 & 1154 to	611-1
64979 3/28	Norf.	BOATS: 40-ft sailing launch #1177 and 1178 for: estimate for installing elec. lighting equipment	611-2
65739 4/6	NYS	Training motors for Main turbines, drawings of Diehl & Cuttler Hammer to supercede those approved by Bureau.	121-9
65531 4/6	To Mun	AUXILIARIES: turbine turning motors, factory inspn waived on starting appliances.	121-5
66720 4/19	C&R	BOATS: arr. made for shipment 50' cutter 990 from Norf. to NYS Co. for	611-1



Number.	Date	From or To—	Subject.
598340	12/2	Phone to Brook	Re: retubing of dynamo condenser Y
600055	12/1 12/1	CO Atl. Fleet	Confirms telephone conversation re: to defective dynamo condenser tubes. Y
569692	12/13	N.Y.	Report on test of 24 tubes of dynamo condenser. 121-8
617355	3/19 4/5	CO Dept	Request standard ferrules for augmentor condensers be furn. Y
624252	5/18	New York	Request prints of augmentor condensers be furnished. D To NY from Plans 5/24

ARKANSAS CONDENSERS

1922

Number.	Date.	From or To-	Subject.
638152	7/28 8/16	CO Atl. Fleetship Force	Request remove present ejectors on augmentor condensers and install latest type. wds CO- cc combat for Atlantic 9/18

ARKANSAS: CONDENSERS.

1912

Number.	Date.	From or To	Subject.
63631	3-14	NYS 652-2263	Twda print for steam baffle in augmentor condenser.N
66587	4/18	To NYS	Dynamo hotwell tank; request detail drawing.N
66768	4-19	NYS 934-2304	Hot well tanks for dynamo condenser; fwsd b/p states print was approved by inspector without reference to Bureau following a scheme that has been in force for a long time; approval detail plans that agree with specs without reference to Bureau.N. To---Hereafter, recs list of plans app'd by Insp'r. be included in monthly report progress.E/6.
68635	5/10	NYS	Comments on work reported as unsatisfactory on Utah, in connection with condensers, etc 121--8
1913			
V 94269	4-3	CO	Recommends that vacuum augmentor be installed endynamo condenser.D To N.Y. Rec include in estimates.4/9.
1914			
127130	6/10	NY	Dynamo condensers; cost of installation.N

1919

1919

121;-12:ARKANSAS: CONDENSERS:

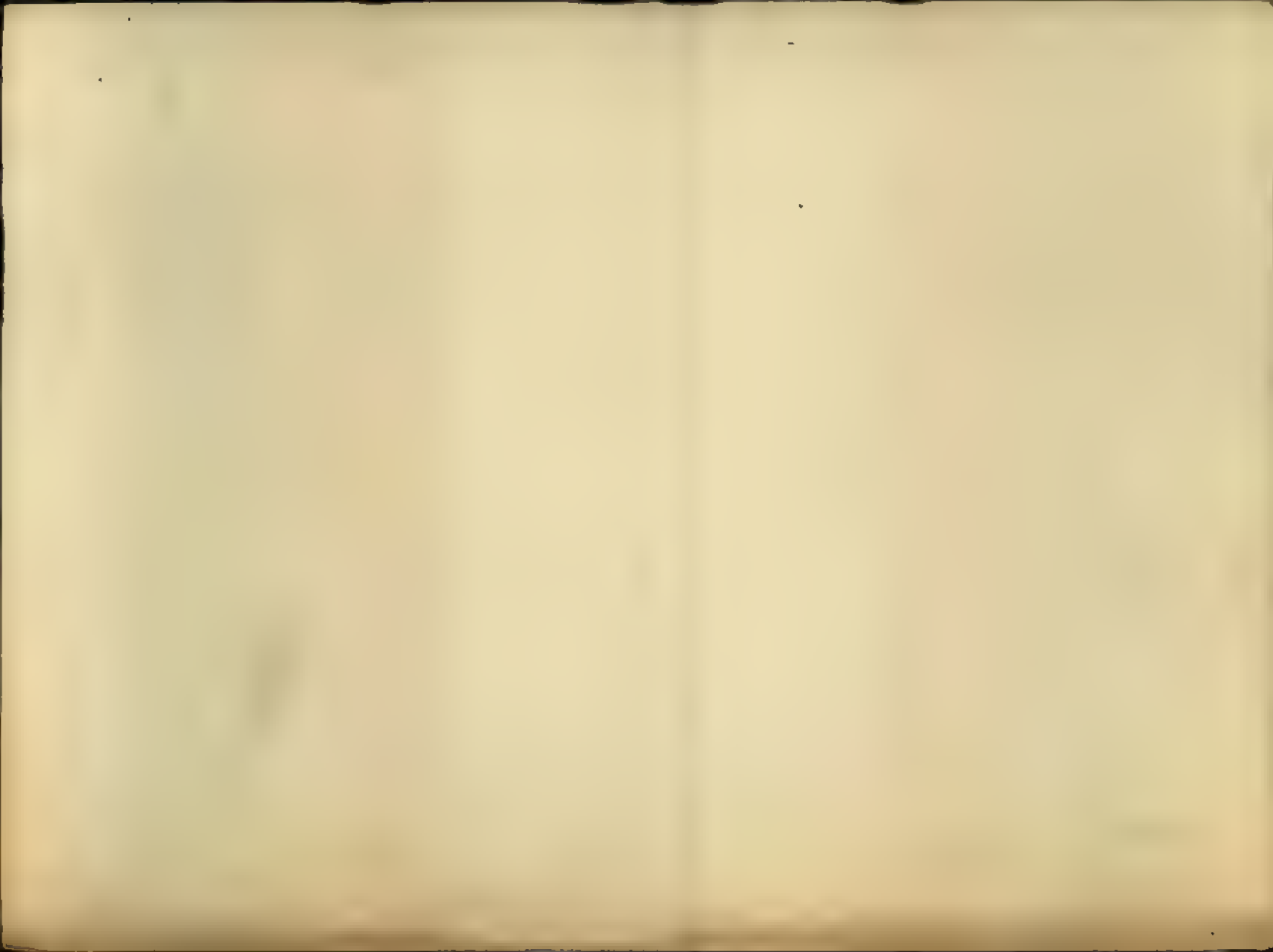
Number.	Date.	From or To—	Subject.	
449869	10:3	JAG	Report of Bd of Investigation to inquire into present condition of condensers and boilers. Y	121-8
457732	11/7	P Snd	Recommends all tubes of port condenser and lower section of starboard condenser be removed - Y To Comdt Pug Sd- (T)-Work proposed condensers authorized. copy by mail for CO. 11-15 ~~Recommends all tubes of port condenser and lower section of starboard condenser be removed - Y~~ Pug Sd 11-10 (T) Asks if can make delivery of condenser tubes. To (T)- 10th telegram appvd. Yard should cut longest tubes available in order to salvage short lengths suitable for use in coolers auxiliaries augmenters. 12-11	
529301	10:18	CO	Main condensers-water chest-request alterns describes new method of testing-D cross to condensers. End O. crs 11-17 R-11-33-B To CO, gives action taken, cc C-I-C Pac Fleet- Lat force and fleet 11-24	
529998	11:13	Pug Sd T	Request authority to use tube sheet from stock for augmentor condenser.Y To Pug Snd (T) tube sheets shipped express from Naval Supply Depot 11-19 ✓ To MA. Request first of tube sheet rem NY to S. Pug Snd 5250 11-19 RB-12:9-Y	
569692	3:15	Pug Sd	1921 Send sample of boiler tubes.	121-3

121--12

ARKANSAS -- CONDENSERS: Main, aux. & dynamo.

FILE No.	From or To (Dated)	Subject
28955 1/11	Crown Smelting Co.	& UTMK: condenser material: requests excess of iron in composition castings be waived 455--12
✓ 32780 3/2	TO NYS	Main condensers; reqt. submit plan for testing. N
✓ 33942 3/15	NYS 610	Fwds tracing of augmentor, condenser, vacuum augmentor, etc. N To -- Appd as mod. 3/23.
✓ 35054 3/30	NYS 717	Rel test of main condensers after installation: outlines method. N To -- Rel to method 4/5.
✓ 46459 8/16	NYS 1693	Lagging on; contractors reat. omission of. N To -- Appd. 8/16. To Genl Inspr for dec. cost. 8/16.
✓ 48520 9/12	NYS 1866	Vacuum augmentor condenser; fwds tracing with comments. N To -- Appd. 9/18
✓ 49826 9/29	NYS 2013	Submits changes in weight covering lagging on main condensers. N Fwd C&R 9/30.
✓ 50108 10/3	Bd. on Changes, NYS 2063	Omission of lagging on; dec. cost. N To -- Appd. 10/4

1912



ARKANSAS HEAT VENT REFRIG SYSTEMS

5

4-2325:

[illegible]

Number.	Date.	From or To—	Subject.
615755	3/3 3/25	CO Atl. Fleet	Request rebore compressor cylinders of ice machines at CO Div 5 4/6 C-I-C Atlantic- RB 4/11 Y RB 4/25 Y To USS ARKANSAS- Directs to issue necessary in- structions in repairs 4/15 Yd cc Atl. Flt. Com. Department 5/13- Copy of action to New York. Y
✓ 638150	7/28 8/15	CO Battleship force	Request replace Allen ice machine with carbon dioxide machine. D. To USS ARKANSAS- Will withhold action sub to alteration 8/8 Yd D cc Atl Div 5. Atl. Fleet 11/27 Recommends Allen efficiency 11.5 ice machine be replaced by carbon dioxide D To CO- via C-I-C Atl. Fleet 12/7
USS ARKANSAS	Req-32-B-23 11/16 S&A	To Boston	via - compressor cylinder casting- shipment of parts cc CO- NY R
653538	12/15	To Opera	ARKANSAS Instln of new ice machines Dc 700-1

ARKANSAS HEAT VENT REFRIG SYSTEMS

1922

Number.	Date.	From or To	Subject.
652872	12/15	NY	Replacement of Allen dense air ice machine by carbon dioxide ice machine. Confirm telephone conversation re: to D
653540	12/16	To Brunswick-Kroeschell	Co. authd to proceed with conversion of refrigerating equipment to Brunswick-Kroeschell Co.- Subm list of work to be done with quotations. 12/19 D
653555	12/15	To S&A 1738	Reinst shipment of equipment from NY to To NY- authd 12/23 Elec Dynamic Co. Inc Electro Dynamic Co 2/16 spare parts ready for shipment Feb 20 Y
654339	12/20	NY	Lists motors and spares of refrigerating machry intended in instn of ARK. NSAS and shipped to Electro Dynam. Co to be rewinded D

ARKANSAS; HEAT; VENT; REFRIG; SYSTEMS.

1913

Number.	Date.	From or To—	Subject.	
89071	1/20 1/31	CO C&R	States leak previously reported in magazine refrigerating system has been remedied; not necessary for experts to come.W	
91229	2/24	CO	Report on magazine refrigeration tests.D	
92769	3-14	NY 370-835-13	Ventilation dynamo room; incidental SE wk.Y	
✓ 93073	3/22	To NY Joint	& WYOMING: Report of magazine refrigeration tests. In general satisfactory on ARKANSAS; but unsatisfactory on WYOMING. Requests investigate concerning WYOMING and that contractors be invited to be present.	
1914				
115001	1/24	C&R	Operating rooms, combined heating and ventilating, to be fitted	131--13
✓ 211955	1-17	Norf	Elec heaters in radio room; est.L To—Annvs est. 2/1 Norf gives type of heater, also for UTM and ARKANSAS 2/6	
274588	1-14	USS ARKANSAS	Evgs description elec heater developed by engineer officer for special purpose.L	662-1

ARKANSAS: REPT: ENT: REFRIG SYSTEMS

1920

Number.	Date.	From or To—	Subject.	
469620	1/15	C&R	Arrangement of battery charging room and ventilation- rwas prints. D	121-18
594333	11:4	S&A	Fwds survey No. 6 from CO ARKANSAS covering provisions spoiled due to inadequate refrigerating apparatus-D&Y Fwd S&A 11/12 cross to 27 To CO via Atl Fleet. Request present condition of refrigerating machinery 11/15	
		1921		
598680	11/30 12/2	CO Atl. Fleet	Request auth to install Huhn metallic packing in ice machines and pumps for test- fwds correspondence rel to DR.	
599859	9:30 12:9	CO S&A	Survey No. 6 provisions. Y Fwd S&A 12/14	
600053	12/10	CO Atl. Fleet	Subm report on condition of refrigerating machinery. Y	

ARLANSAS:HEAT:VENT:REFRIG: SYSTEMS.

Number.	Date.	From or To--	Subject.
58867	1/17	NYS 137-2293	Recommend fitting larger ice box. Y To---Bu approves installation of addtl box. 1/25.
59880	1/29	NYS 232-2293	Additional ice making box: reqt. that installation be made after delivery of ship. N To---appd. 2/10.
61080	2-12	NYS 176-274	Elec heaters for torp. rooms: fwd b/p. N To---appd. 2/17.
62114	2-26	NYS 228-264	Elec heaters: reports receipt without factory inspection. L-S To---Bu approves test of. 3/6.
63438	3-12	NYS 632-2293	Install additional ice making box; inc. cost. N Fwd Dept. recd. 3/16. To Gen/Insp. of Inc cost. 3/16. Fwd C&R. 3/16.
✓ 65254	4-2	Bd On Changes NYS 786-2293	Additional ice making box: inc. cost. N Fwd Dept. recd. appd. 4/3. RE 4.6a'ppd To NYS appd. 4/8.
73634	7/16	C&R 25327-E.94	Evaporator room ventilators: calls atten- tion to exhaust trunk's. L Ret. C&R calling attention to 22365-DD 7/30

ARKANSAS 121-13

Number.	Date.	From or To—	Subject.	
75263	8/7	NYS	Tests of ventilation of storerooms where rheostats are located.	121--5
77704	9/9	NYS	Unfinished work, means to be provided for removal of cooling coils of ice machine.	121--2
80637	10/21	C&R	Searchlight rheostat room, require no additional ventilation.	121--5
80978	10-26	TO CO	Magazine refrigeration; amidships between engine and fire rooms; asks report on. D	182-13
83374	11-22	NYS 2367-2278	Change in steam heating piping; Capt. of the Fleet office. N To -- appd. 11/23. To Gen Inspr for inc cost. 11/23.	
85555	12-18	Bd on Changes, NYS	Heating system; Capt. office; inc. cost. N To NYS. appd. 12/20.	
85870	12-24	NYS	Steam connection to heating sys/ change in weight. N Fwd C&R. 12/27.	
87929	1-7 1-18	CO C&R	1913 Reports leak between No. 1 and 2 ice machines. Y Fwd NYS for consideration of contrs. 1/23. Ret CO for comment. 1/31. RB 2-13	

FILE No.	From or To-- (Dated)	Subject.
✓ 28084 12/31	NYS 3215	Re head room under stbd heater, frame 112 Ref C&R for comment 1/11. R.E. as encl. with 25959.1/15
✓ 30988 2/6	C&R 25327-E.68	Ventilating and heating systems 27 and 28; Fwds prints. N
✓ 33191 3/7	C&R 25327-E.72	Fwds prints showing gen. arr. of ventilation, heating, & refrigeration systems. N To -- Plan satisfactory 3/14.
✓ 33822 3/14	NYS 599	Heating system: Fwds prints showing couplings for colls.N. To -- Use of compo. M instead of G apprd 3/18.
36989 4/22	C&R 25327-E.79	Ventilation in engine room: fwds plans.N Set -- satisfactory. 5/4. To NYS. Plan satisfactory. 5/4.
37056 4/25	C&R 25327-E.82	Engine room ventilation. N. Set -- Calls attention to 36989, even date. 5/4.
✓ 37310 4/27	NYS 934	Refrigeration system: arr. of; fwds revised plan for approval of piping. N To -- apprd 5/4/
✓ 51835 10/24	NYS 2279	Heating: fwds sketch and letter re proposed change in drain from heater box. N To --- Appd. 10/26.
✓ 57315 11/29	NYS 1479-264	Heating device shipped without inspection: reqt. inspection at works. 3 To --- Factory insp. waived. 1/2



س

Number.	Date.	From or To—	Subject.	
383349	1-8 2:7	To CO CO	Asks whereabouts of material, placed on board before left for distant service—	
995	2/13	To SEA	3 propeller shafts for PENNA FLA WYOMING & ARKANSAS to NY May Yd.	629
500762	6:11	Pug Sd	Propeller report. Y	
		1921		
599725	12/7	N.Y.	Propeller report. Y	

RECEIVED: 1-10-1918.

Number.	Date.	From or To	Subject.
> 321163	6-28	To C O	Listing spare propellers and shafting Y
321168	6-28	Phone Norf.	Commenting on spare propellers and shafting Y
321665	6-27	Norf	Spare propellers and shafting being placed on board. Y
322715	7-1	Norf	Confirming telephone conversation in which to send 12 spare propellers and shafting to Norf for inspection. Y
✓ 324113	7-9	To S&A	Post shipment patterns from Insp Rath to Phila Y Shipment order 7/9 R B 9/13
> 325905	7/11	Norf	All spare propellers have been delivered on board ship.

ARKANSAS: PROPELLERS

Number.	Date.	From or To	Subject.
331829	7-25	To Inspr Bath, Via S&A	Rqst shipment of propeller patterns Y
✓ 349643	9-7	To Phila	Have requested shipment of propeller patterns to Phila
✓ 349643	9-12	Phila	Material received - Y
✓ 385349	1/8	To CG	Asks re whereabouts of material for-
✓ 349613	8/17	To Comdt Phila	Rqsts report of propeller patterns Ym RB-10;1-Y

1917

Number.	Date.	From or To--	Subject.
23354	7/3	To NY Co	and time finished one right and for. Print. D NN Co (T) unable to machine propellers. 7/5 NYS (T) submits estimate 7/7 To NYS (T) directs obtain from contrs cost and time machine propellers for. 7/6 NYS Co - quotes price 7/11 D NYS--10/25 D To Bath- 11-3 Bath - glands were shipped by express to 11/5 D
✓ B _a 126	7/12	To S&A	Propeller castings for. Reqt NYS be made point of delivery of. DR
238337	7/13	To Phila	Reqt blueprint showing detail of line shafting for. D To Ditto for coupling for. 7/18 Phila - fwds print 7/21 D Phila - 7/21 fwds prints D
✓ 240179	7/24	Bath	Left hand propeller casting are complete request shipping instructions Y To S&A-7/25
Norf-286	5/10	To Camden	Asks status of work on propellers for USS ARKANSAS

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ARKANSAS: PROPELLERS. 121 - 14

Number.	Date.	From or To—	Subject.	
✓ 247833	9/7	NYS	States wheels rocd - contractors request delivery of caps, glands, etc. D To Bath—(T) Ask when shipt of materia will be made. 9/7 Bath (T) one sleeve and 2 gland castings shipped today 9/11	
248080	9/6	NYS T	States propeller casting plates war, ed - request instructions - 5 To— Propeller casting blades. 9-14	
92W	11-2	ARKANSAS	Propeller castings for ARKANSAS; fwds copies of shipping reports; originals were sent when shipments were made. 8	629
250464	9/21	NYS T	Certain caps and pieces not rocd. Y To Bath— Propeller castings urgently needed	9-22
259189	11/7	NYS	Spare propellers - fwds data used and calls attention to improvements - D & Y	
273034	1-12	Phone CO WYOMING	Spar propellers and shafting—Whereabouts. Y	
290625	3-13	To CO	Spare propellers and shafting/ Lists spares needed to be carried on board if should be ordered to distant service.	

1912

ARKANSAS: PROPELLERS: SHAPING:

Number.	Date.	From or To--	Subject.
63347	3-11	NYS 624-2275	Propeller blades: Swds print showing cutting near hub; contractors reqt. defect be waived. N To---Defects waived. 3/13.
✓ 68712	5-13	NYS 1061-2275	Swds tr :ing showing original propeller measurements. N-5
✓ 71217	6-13	NYS 1266-2275	Propellers: s ares: asks if authority to make from same pattern as original. N To---apd. 6/15.
✓ 76026	8/16	Bath 1251	Spare propeller casting. Swds Hyde Windlass letter requesting waiver of deficiencies in elastic limit and tensile strength. Rec. disapproval. 3 To---No action until chemical analysis is received. 8/20.
✓ 77533	9-5	Bath 1216	Magnesia bronze propeller castings: reqt. waiver deficiency. 5. To---waives 9/9 ack. waiver chemical comp. but invites attention to physical deficiencies reported in same letter. 9-11 TO ---directs each letter be self-contained. 9-13
82252	11-6	Bath	Propeller: material has passed all inspection requirements. 5.

1913

ARKANSAS 121--14

1913

Number.	Date.	From or To-	Subject.	
94433	4/8	NYS	ARKANSAS: unfinished work, shipment of spare propellers, etc	121--2
94617	4/10	NYS	Fwds shipment list covering shipment of propellers and	121--21
95484	4/21	NYS 934-2275	Spare propellers; fwds measurements.D	
234787	6/21	To Phila T	Ask how soon can make one right hand and one left hand propeller for. D	
234804	6/22	To NYS	Reqt Vandyke showing details of line shafting for. D NYS - reports tracings on file at contractors not correct - recommends blue prints be secured from Navy Yds listed D 6/25	
235145	6/23	Phone Phila	Yards asked if new propellers for should be made at Phila. Bu stated would advise later.Y Phila - confirms telephone conversation - also Pittenry ammonia ice machines 6/25 Y	
235518	6/26	To Hyde Windalss Co T	Reqt quotation on furnishing one right hand and one left hand propeller casting, including caps, etc. D	
235519	6/26	To NYS Co T	Reqt quotation on furnishing propeller patterns for. D To--(T) Want patterns entire propellers. 6/27 Norf (T) asks facilities 6/28 East - confirms telephone talk 6/27 Y	

To Norf--(T) Ask if yard can machine two propellers. 6/27

SB-0129 - Co - (T) quotes price 6/29 D

121 -- 14

ARKANSAS: PROPELLERS: & SHAFITING:

FILE No.	From or To— (Dated)	Subject
W30032 1/26	NYS 178	Torsion meters: asks if one purchased for UTAH will be removed after trial and used on 1st named vessel. To Dept. Regt. auth. to purchase 4. 2/24. R.B. appd. 3/1. 4 apprd; Bu. desires domestic design 3/1.
✓ 45782 8/8	NYS	Spare propeller wheels: expect to ship on 12th: (Probably refers to UTAH.)
✓ 45740 8/7 8/8	Brook 6540 NYS 937-3313 VO D	Type controller panels for gun firing turret VOID
✓ 48310 9/9	NYS 1847	Torsion meters: asks if those manufactured by Cummings Mch. Wks. will be satisfactory. N To - Satisfactory 9/11
✓ 48897 9/18	NYS 1904	Propeller: fwd. tracing covering change propose. by installing lifting bolt. N To -- appd. 9/21
✓ 52825 11/6	NYS 2409	Regt. to be advised if Cummings speed and direction indicator is to be installed at increased cost. N To--Submit est. inc. cost for installation of Gary-Cummings averaging counters. 12/16.
✓ 55846 12/12	To Bath	Valves deficiencies in elongation and elastic limit, and auth. acceptance if they meet requirements of specs. in all other respects. 3-N Directs such matters be made subject of special letter instead of a notation on test sheet.

1912



ARKANSAS: PIPING SYSTM

Number.	Date.	From or To—	Subject.	
✓ 415142	4-25	CO	Req. auth. to substitute original installation of turbine gland steam lines for present lines D (cross to 9)	
			To- Repts to change turbine gland steam lines disappvd. 5-7	
✓ 422415	5-7 5-31	CO Bat Ship Force #2	Req. install ind. suction fr.m double bottom manifold in #2 fire room to aux. feed pumps	
			2 I.M. Norfolk - Installation of independent suction from double bottom manifold appvd. 6-9	
			copy to SO in Bat. Div. 6 and Bat. Force 2	
		1922		
✓ 515759	3/4 3/25	CO Atl. Fleet	Request install WT drains to all boiler cut-out valves	
			Fwds Operns cc CO-C-I-C Atlantic 4/6 BB 4/11 Y	
			To CO Gives Action taken cc C-I-C Condr	
			Battleship Force Atlantic Fleet 4/15	
624546	5/29	Norfolk	Installation of independent suction from out board main feed pumps to feed tanks for ARKANSAS Fwds print D	634

ARKANSAS: PIPING SYSTEM.

1912



Number.	Date.	From or To--	Subject.
83372	11-22	NYS 2366-2267	Steam piping; inc.cost. N To---appd.--To Gen Insp for inc cost. 11/23
83378	11-22	NYS 2364-2290	Omission of grease extractors from air pump discharge pipe. Dec.cost.N Fwd Dept. Regt appr. 11/25. BB 11/20 To---appd.--To Gen Insp. 11/29.
85297	12-17	NYS 2560-2267	Copper exhaust piping; replacement of; contractors claim must have been subjected to abnormal pressure and refuse to be held chargeable for cost of repairs.N
85519	12-18	NYS 2575-2309	Omission of aluminum paint on lagging; dec. cost. N
85551	12-18	Bd on Changes, NYS	Omission of grease extractors; dec.cost.N Fwd Dept rec appr. 12/20. BB 11/20 To NYS appd. 1/2. Change in weights 1-6 Fwd C&R. 1/8.
85556	12-18	ditto	Officers bath room; change steam connection; inc.cost.N To NYS. Appd. 12/20.
85562	12-18	ditto	Omission of aluminum paint on lagging; dec.cost.N To NYS. appd. 12/20.
85866	12-24	NYS	Omission of aluminum paint; change in weight.N Fwd C&R. 12/27.
85869	12-24	NYS	Steam connection to bath room; change in weight.N Fwd C&R. 12/27.

1913

1913

1912

ARKANSAS: PIPING SYSTEM. 121---15

Number.	Date.	From or To	Subject.
✓ 91370	2/25 2/28	NY O&R	& WYOMING: arrangement of piping in engine rooms; Constructor requests plans. D --- To NY. Fwds prints. 3/5. at O&R. 3/5.
104343	8-22	CO	Bottom blow piping to evaporators; reqt. be changed from 1-1/2 to 3". Y Fwd NY- for comment & recom 9/8 S.L. To NY- appd 9/29
✓ 117094	2-3	NY	370-593-6 Drain lines from J namo feed tank to feed pump; inc. estimate. Y To --- appd. 2/9.
124884	5/11	NY	Fwds finished plans of alterations and additions to machinery and piping
✓ 212564	1/25	To Norf	T Yard auth cross connect auxiliary exhaust and glan. steam line on. D
✓ 253732	9/24	CO	Alterations, install independent suction line from feed pumps No. 1 & 2 to feed tank -- Y To Norf and Divisions of fleet--Auth alterations. 10/10
✓ 268821	12/20	Norf	Installation of independent suction from from outboard main feed pumps to feed tanks--fwds prints. D
✓ 269995	12-22	Phone NY	Exhaust tanks, alterations auth similar to auth for Otan. Y

ARKANSAS: PIPING SYSTEMS.

Number	Date	From or To	Subject
✓ 57501	1/2	NYS 2307	Lagging for steam pipes; reqt. immediate decision re thickness. N.
60450	2-5	Ed. on Changes, NYS 282-2267	Change discharge pipe from dynamo hot well pump; dec. cost. N. Fwd Dept. rec. appr. 2/6. RE 2-8 a'ppd To NYS appd. 2/9.
61079	2-12	NYS 367-2276	Contractors reqt. specs. covering lagging water piping be changed to provide for paper over half in instead of next to piping. N. To --- appd. 2/14.
✓ 61123	2-13	NYS 376-2309	Recommends omission of aluminum paint on galvanized iron lagging. N. To --- Approved. 2/15. To Gen. Inspr. for change in cost. 2/15.
✓ 63429	3-11	GE 14154	Unsatisfactory condition searchlights; GE taken up direct with NYS. L
✓ 63370	3-7 3-11	Dept. 26034-E. 271 C&R 21096-E	& WYOMING: authorized changes in drain system shaft alley and bilges; at increased cost. N. To NYS. Reqt estimates for omission. 3/15. Ret C&R. Noted. 3/16.
65099	3-30	NYS 754-2270	Omission independent bilge suction in engine room and shaft alley; est. and decreased weight. N. To --- To Gen. Inspr. for dec. cost. 4/1. Fwd Dept. Rec. appr. 4/1. Fwd C&R. 4/1. RE 4-2 a'ppd

ARKANSAS: PIPING SYSTEMS: 121-15

Number.	Date.	From or To—	Subject.
✓ 65253	4-2	Bd. on Change NYS	Omission of independent bilge suction in engine rooms and shaft alleys. Dec. cost. N Fwd Dept. rec. 4/3. RB 1-12 appd To NYS appd. 4/8.
66133	4-11	NYS 869-2267	Omission main separator; dec. cost and weight. N Fwd Dept. rec'd 4/17. RB 4-12 To --- app'd. 4/20. To Gen Insp for dec cost. --- Fwd C&R. 4/20.
✓ 66135	4-11	NYS 870-2267	Omission grease extractors in feed pipe; contractors reqt. that no decreased cost be made. N To --- reconst est. of dec cost. 4/23.
70078	5-29	C&R 25125-E.40	Drains from scuttle butts to feed tanks; relative to running of pipes. N Ret --- concurs in rec that be deferred. 6/3.
72920	7-8	NYS 1400-1014	Lytton steam traps; reqt. b/p. N To --- fws prints. 7/17.
79189	10-1	Bd. on Changes, NYS	Omission of main steam separators; dec. cost. N Fwd Dept recom. 10-2 RB 104 appd To NYS fws. copy 10/4
79404	103	NYS 1947-2290	Omission of grease extractors; dec. cost. N To --- will not be decreased cost 10/4
82833	11-13	CO NY 370-735	Repair to copper piping. Y Fwd NYS. reqst statement from contrs re their responsibility. 11/20. RB 12-12 To S&A. Recst shipment of section. 12/33 Ret NY instructions. 12/23. RB 12-18 To NY. Job Order 3012/320 chargeable to SM. 12/17. To NYS Repair of exp. pipe not chargeable to contrs. 12/17. Fwd S&A. Recst shipping instrns be cancelled. 12/26.

Number.	Date.	From or To—	Subject.
39198	5/19	NYS 1101	Arr. of drains in engine and fire rooms.Y To -- Appd. 5/23.
40274	6/2	NYS 1209	Change in main feed piping; recommends re- location of owing to obstructing cleaning doors. L To -- Instructions. 6/5.
46856	8/21	NYS 1721	Submits estimated increased cost, re arrange- ment of main steam piping caused by access passages between engine and boiler rooms.N To Dept. Insp. 8/27/28. 354-2-1 To -- appd. 9/28 Fwd C&R 9/28
48298	9/8 9/9	Penn Steel Co Chester 184-1	Tee castings; recommends wiring of defects.S To -- Fwd 9/11/28
48424	9/11	NYS 1861	Fwds increased weights for main steam piping in access passages. N Fwd C&R 9/12
48698	9/14	TO NYS	Relative to changing exhaust piping, dynamo auxiliaries.N
49647	9/26	NYS 1981	Submits change in increased cost and print covering changes steam & dynamo auxiliar- ies. N To Genl. Insp. change in cost. 9/28 To -- appd. 9/28 Fwd C&R 9/28
50109	10/3	Bd. on changes, NYS 2061	Fit exhaust piping from auxiliaries in dynamo room; inc. cost. N To NYS -- Fwds. 10/4

ARKANSAS: PIPING SYSTEM: 121-15

Number.	Date.	From or To—	Subject.
✓ 50111	10/3	Bd. on Changes. NYS 2059	Alterations in main steam piping; access passage: between engine room; inc. cost. N ~~Inc. cost. N~~ ~~Inc. cost. N~~
✓ 53017	11/8	NYS 2439	Main steam pipes; reqt. permission to proceed with clothing and lagging prior to test of with steam. N To---Appd. 11/11.
✓ 53358	11/11	NYS 1 2470	Exhaust piping from auxiliaries in dynamo rooms; reqt. if Bureau desires to retain branch to dynamo condenser. N To---Requirements. 11/20.
✓ 53795	11/16	NYS 2506	Estimated decreased for running pump discharge to forward auxiliary feed suction instead of feed and filter tank. N To---Appd. 11/18. To Genl. Insp. for dec cost 11/18. Fwd 328. 11/18.
✓ 54722	11/28	NYS 2633	Joints in exhaust and feed lines; contra request authority to use "m. a. r. l." in lieu of corrugated copper gaskets. N To---Appd. 12/11.
✓ 55567	12/8	NYS 2748	Aux. exhaust connections to L.P. turbines; permission requested to lead to L.P. re- ceiver pipe. N To---Directs appd connections to M.H.P. turbines be retained. 12/15.
56888	12/23	NYS 2888	Magnezie lagging for steam pipes; contractors request to be allowed to use different thick- nesses than specified. N To---Appd. 1/3.

ARKANSAS: PIPING SYSTEMS:

FILE No.	From or To— (Dated)	Subject.	
/ 30999 2/6	NYS 262	Arr. water piping in fire rooms. N To -- Apprd: Est. dec cost to be submitted	2/15.
✓ 31183 2/8	NYS 281	Lap welded steel tubing for light pressure piping; subcontractors refuse to furnish material under S.E. specs. but will under specs. issued by S&A; fwsd copy and reqt. instrum. N To -- Satis. under specs 44-T-4. 2/10.	
33198 3/6	NYS 480	Fwsd tracing showing arr. of water pipes in engine room. N To -- Apprd as mod. 3/23.	
34404 3/21	NYS 661	Piping; bulkhead insulators for; fwsd tracing showing arr. N To -- Apprd as mod. 3/24.	
34548 3/23	NYS 666	Aux. steam and exhaust piping in firerooms: fwsd tracing with comments. N To -- Apprd as mod. 3/29.	
✓ 34722 3/25	NYS 671	Arrangement of aux. steam and exhaust piping in engine room; forward tracings. N To -- Apprd as mod. 3/31.	
35406 3/4	NYS 747	Steam & exhaust pipes to coaling winch on deck. fwsd tracing. N To -- apprd 4/8.	
✓ 37106 4/25	Chester 1786-2	Sheet copper for water piping in engine rooms; recommends against inspection at place of manufacture on account of small quantity. S Ret -- Mill insp waived. 4/22.	



121: - 16
ARKANSAS: FUEL OIL SYSTEM

1918

4

Number.	Date.	From or To—	Subject.
380843	12:5 12:26	CO Atl. Fleet	Req. modify present fuel oil burning system so as to permit developing full boiler capacity on fuel oil alone. D To ARK via Battleship Divn 9. and US Atl Fleet Disapproves of alteration re above 1/2/19
445437	9-15	To GDT Phila	Info req meaning of work "complete" inspection for mig of twenty four oil burners for ARKANSAS C 653 -1
497290	6-3	To CO via Union	Installation of heating coils appvd CO Pacific Comdr D.S. div. six BYO H.Q. D.
624850	5/11 5/22	New York Dept	1922 Recommend additional air compressors be installed for fuel oil burning in boilers. Submit estimates. D C&R 5/26 C&R 6/8 C&R 6/14 To NY- Instln authd cc C&R--- CC 5/14
651714	11/17 11/28	CO Atl Fleet	Ask if oil burning rooming of present boilers should be permanently removed D

1922

ARKANSAS FUEL OIL SYSTEM

Number.	Date.	From or To—	Subject.	
653472	12/12	MEMO- to C&R	Inform for preparing joint memo of the two bureaus for the general board for conversion of coal burning battleships to oil burning- Gives estimate to <u>ARKANSAS) WYOMING UTAH AND FLORIDA</u> - 16	
653822	12/16	To C&R MEMO	Inform on cost to complete modernization of AR. ANSAS WYOMING FLORIDA UTAH TEXAS and NewYork for use in preparing joint eng and C&R Memo for gen board Db	767

ARKANSAS: FUEL OIL SYSTEM.

1912

Number.	Date.	From or To—	Subject.	
79188	10-1	Bd on Changes, NYS	Improved S-K oil fuel system; inc. cost. N Fwd Dept recom. 10-2 20 NYS ltrds copy 10/5	
83005	11/18	Phila	& SONOMA: have received no instructions re making reqn for fuel oil left on board.	451--16
83403	11/9	NYS Co.	Enters protest against method of figuring changes incost. Based on award for change in oil burners Dept. sustain SE's method 3/17	630--1
83524	11-25	NYS 2391-2268	Estimated Dec. cost for omission of settling tanks in fuel oil pressure pumps: pumps to become property of Govn. N To --- and St. Regt. shipment of fuel oil pumps to Phila. 11/29.	
83679	11/29	To C.O.	Bottle broken in transit, reqt 8 additional	690--4
85298	12-17	NYS	Re shipment of spare parts for valves, pumps, etc. for. N To --- instructions. 12/17.	
85559	12/18	Bd on Changes, Cramps	Change in fuel oil supply system; dec cost. N Fwd Dept rec appr. 12/20. RB13 appd To NYS. appd. 1/3. Change in weights 1-6 Fwd C&R. 1/8.	

ARKANSAS: FUEL OIL SYSTEM. 121-16

Number.	Date.	From or To—	Subject.	
✓ 86252	12-30	NYS 2710-268	Reports shipment of spares for pumps, etc. N	
✓ 94275	4-5	NYS 770-2268	Change in fuel oil burners: fws contractors protest against ruling of Board on changes. N Cwd. Dept. 4/19	
94850	4/11	NY	Estimates on recommendations of trial Board, (re-arrangement of fuel oil service & supply system, etc)	121--2
83403	5-15	Solicitor	Copy of letter to NYS disapproving protest against award for changes on fuel oil burners. N	620-1
✓ 112110	12-3	CO	Reports on fuel oil loaded Dec 2 and 3. F	
✓ 284607	2/8	CO	Fws description of method for burning oil alone in coal burning boilers - scheme devised by Lt Com J. E. Wilson - fws photographs of experimental burners - C (Cross to Fuel Oil Systems)	
330400	7-27	To Norf	Best advice re disposition and location of fuel oil heaters for. N (over)	To Norf 7-27 E 8-10 R

ARKANSAS; FUEL OIL SYSTEM:

Number.	Date.	From or To—	Subject.
50110	10.3	Bd. on changes, NYS 2060.	Improve S-K oil fuel system; inc. cost. N. To---Appd. as mod. 10/7. RB 10-7 appd
✓ 50620	10/9	C&R 26127-E.8	Fuel oil system: fwds prints showing tanks, etc. Understands automatic valves to be omitted. N To---Appd. as mod. 10/14.
✓ 50676	10/9	NYS 2155	Fwds prints showing arrangement. N To---Appd. as mod. 10/14.
✓ 50799	10/10	NYS 2160	Fwds tracing showing arr. and details of boiler front fittings. N To---Appd. as mod. 10/16.
✓ 50968	10/12	NYS 2183	Fuel oil air registers with burner for; fwds print. N To---Appd. as mod. 10/19.
✓ 51950	10/26	C&R	Fwds print showing modification in lead of filling pipe. N
✓ 54002	11/18	NYS 2531	Arr. boiler front and details of piping; fwds prints. N To---Appd. as mod. 12/5.
54607	11/24	NYS 2612	Fuel oil service discharge pipe, relief valve; fwds print. N To---Appd. as mod. 12/7.
			1912

ARKANSAS: FUEL OIL SYSTEM. 121-16

Number.	Date.	From or To—	Subject.
✓ 58171	1/9	NYS 72-2268	Arr. detail and fittings boilers for N To---Appd as mod. 1/12.
59028	1/16	NYS 50-2268	Fwds detail and fittings boilers front of burners. N 8/12 To---appd. 1/22.
59540	1/24	NYS 187-2268	Burners: fwds tracing showing gen. arr. apparatus, boiler fronts. N To---appd. 1/30.
✓ 59971	1/30	NYS 237-2313	Installation of Schutte & Koerting system is delaying dock trial and will probably become a matter for req. for extension of contract time. N
61947	2/23	NYS	Fwds instructions for final trial: comments. on measuring fuel oil 121--2
✓ 67754	5-2	NYS 989-2268	Fwds contractors letter claiming amount \$3405 for alterations. N Fwd Dept. with statement. 7/18. BB 7-24 and NY 7/26. States have received statement for N BB 10-8 Fwd Gen. Insp. via NYS for reconsideration 7/25 To NYS instructions 7/29
✓ 69466	5-21	NYS 1109-2322	Fuel oil to be used on trials; seems unusually thin; sends sample for for Bu. examination. N To Wash. for analysis. 5/25. Wash. reports. 6-3 To---Fwds report of test, with comments. 6/5. To Ad I&S fwds report of analysis. 6/6.
✓ 71029	6-12	NYS 1237-2322	Fuel oil used on trial; fwds report from Phila yard on sample. N

ARKANSAS: FUEL OIL SYSTEM.

FILE No.		From or To— (Dated)		Subject	
34371	3/22	NYS	664	Reqt. return of tracing fwded 18th; owing to changes being made. N To -- Tracing returned 3/25. Reqt return of tracing. 3/25. N	
✓ 35082	3/30	NYS	718	Proposed fuel oil service: fwds tracings. N To -- Not apprd 4/4.	
✓ 36457	4/17	C&R	25127-E.6	Fwds correspondence and print; invites attention to load of pipes out of tanks. N Ret -- No action taken. 4/24.	
✓ 42523	6/29	NYS	814-1118	Oil filters: re inspection of. N Do -- Directs insp. 7/3.	
✓ 44118	7/20	NYS	1490	Flat spray oil burner; estimated change in cost. N To -- Reqt est. for fitting Peabody system. 7/24. Do -- Bu will consider any proposal for installation of system. 8/3.	
45014	7/31	Schutte-Koerting Co & WYOMING		Reqt contra. be directed to bid on the 3rd system for oil burning as well as the Babcock & Peabody systems	488--16
✓ 45190	8/2	NYS	1586	Installation of flat spray oil burners; reqt copy of report on Peabody System. N	
✓ 46327	8/15	NYS	1609	Subml's estimates for Peabody, Schutte Koerting systems. N And Dept. Rec installation of 35K on ARK. and Peabody on WYOMING. 8/21. R.B. 8-24's pnd To -- App'd 8/25. To Genl Insp. for inc cost. 8/25.	



SN 0120



1918

2

Number.	Date.	From or To—	Subject.
33496	11/7	Worf.	Dashes for 7/15/18
372436	11-27	To CO	8" precision lathe obtained under contract, Y CO lathe rec'd. 12/24/18
469620	1:15	C&R	Arrangement of battery charging room to ventilation-fwd's prints.D
571073	6/21	Pug.Sd.	1921 Request repairs to lathes on board. Y To Pug Snd (T) ... approved 6/28 S&A- Ask if will approve request 7/1 Y Pug Sd- reqst auth for repairs Y 6/28 To Pug Snd reqst inform as to sizes used 7/8 ... 8/11 R ... 8/18 ... 8/18 Assignment Arkansas lathes to New Mexico authorized 8/18
585628	9:14	CO	Reqst auth to turn in boring bar.Y To CO Authd 9/19

121-18-ARKANSAS WORKSHOP AND TOOLS:

1922

Number.	Date.	From or To-	Subject.
611122	2:27	To CO ARKANSAS	Acetylene and oxygen gas - ask quantity used on board. ^{1a} CO ARKANSAS Report on pressures carried. 3/9 Y
615756	3/4 3/25	CO Atl. Fleet	request provide shaper for machine shop. c D. To CO Disapp'd cc C-I-C Atlantic Div 5- Atl 6/24
629554	5/20	CO	Additional tanks required for oxygen and acetylene Y
638149	7/28 8/14	CO Atl. Batlshp force	request supply one shaper for machine shop. D. To S&A- Request shipment of shaper from Brook to SO NY 1114 9/22 RB 10/4 Y
USS ARKANSAS ENG 526-22- Y R-B 12/20 To CO			"1 cutter and welder outfit acetylene- Rqn

ARKANSAS: WORKSHOP & TOOLS.

Number.	Date.	From or To—	Subject.
38586	5/12	NYS 1059	Hydraulic bolt forcer: fwsd prints.N To -- apvd 5/15.
42235	5/26	Brock 5492	Bolt forcers: rect from contrs. to use their composition instead of composition G. S To -- R. est approved. 6/26.
			1912
61510	2-14 2-17	NYS Phila 384-2317	Reversible drill; rect. specns. covering.N
71193	6-14	NYS	Foundry: fwsd copy of requ. covering.N
77892	9-11	TO Bu.S&A	Foundry equipment for: reqn. 35: if delivered at New York Yd. ship to Phila it will reach there before Oct.1st. R fwsd Phila 9-26 BB 10-4 BB 9-26
79431	9-21 9-27	CO Phila 320-157	Recommend only one tank be installed for use foundry. D. To Phila apvd. 10-7
			1912-4
142250	12-14	NY	Recommend safety device over emery wheel.Y To CO via NY--To be done by ships force.12/17

ARKANSAS: WORKSHOP & TOOLS. 121-18

1916

Number.	Date.	From or To--	Subject.
185349	4-20	C&R	Tools for carpenter shop. DR To NY--SE work authorized. 4/24
			1917
✓ 472-17	5/12	To CO	Disappva reqn. Not sufficient infor.
✓ 230327	5/22	CO	List of tools required Y
✓ 233622	5/25 6/7	CO NY	Gives description of welding outfit called for on requisition 417 R
23496	7/2	S&A	Reqst recommendation as to shipt of 1, thes for ARKANSAS & Rk 24 629
284141	2-26	To Norf	Workshop equipment. list tools desired mfg'd. D
34148	10/2	To Norfolk	Asks if shipt was not on item two and also if bor ing bar was for machine for ARKANSAS 629

1922

1888-

[illegible]

Number.	Date.	From or To—	Subject.
NS Depot	NSA 206	1922 RH 10/8 To CO	Calling for spare parts for distiller circulating vertical Simple x Piston pump cc O-I-C Supply Depot - S&A RH
		1942	
✓ 304224	12/22	TO	Request job order for removal of valve chest on evaporator feed pump be cancelled. Y
620489	5/27	To NY	Motor Driven feed pump for port use-Storage battery for aux power supply instln of gives action taken cc CO- C-I-C Atl Fleet- - BG C&R DLE To NY Fwds Prints cc CO 6/6 CO 6/6 N 6/16 Selects location for D. To USS ARK 6/13- Disapproved 7/1 L cc NY N.Y.- After battery charging station- location of also wiring diagrams auxiliary motor driven feed pump- fwds prints 7/18 D to NY Plan gives comments 8/5 Fwds C&R 8/5 RB 8/28 L C&R 8/26 Copy action to NY. L Rqs.s authority to turn in Blake pumps To NY - Brook (?) authd turn into store three pumps 8/15 Yd
FWD TO OTHER SIDE			
627883	6/7	CO	

[OVER]

ARKANSAS: PUMPS: GENERAL

1915

Number.	Date.	From or To—	Subject.
167634	9-30	NY	Castings for main eng circ pump engine will be received in 2 weeks. Fwd NY Via S&A--Comments on. 10/7
168629	10-9 10-16	CO At Flt	Emergency repairs stbd main circ pump: special commendation Lt. E.E. Wilson, C Fwd Dept Via Nav--Recommendations. 10/23
170954	11-10	JAG	Report of Board of Investigation and Court of Inquiry on wrecking of main circ pump turbine casing; reqt comment on administration of engineer's Dept C Fwd Dept--Comments on. 11/16 RB 12/8 Fwd Nav--12/4 RB 1/7 Fwd Dept--Noted, 1/7
178413	2-3 2-5	Naval Institute Nav Intel	Emergency Repairs to BS by Lt. Willson: request authority to publish. (Fixing circ pump on 44) Fwd Nav Mil--no objection to. 2/9
234744	6/19	Corf	Main air pumps - request Van Dyke prints.
235742	5/27	Corf	Request prints of pumps

APRANS: PULPS: GENERAL.

Number.	Date.	From or To—	Subject.
282597	2-15	NY	New bucket material to repair Terry turbine of main circulating pump. To- Auth purchase new wheel. 2-23
317135	2/15	T. M.	Request for material for repair of main circulating pump. 2-15
448405	9:30	To Terry Co	Request quotation and comments covering rotor of starboard main circulating pump turbine be furnished to replace machinery badly corroded.D CO 9-30 (T)-Request new rotor be supplied. To- Furnish estimate of cost of new rotor. 9-30 To- Gives name plate data. 10-1 Terry Co-submits quotation-10;2
449417	9/25	CO	Request print showing main details of circulating pump engine - D 1920
470312	1:10	CO	Request manufacture air chambers for main feed pumps also fire and bilge pumps.D To- Directs make search for on board and if cannot locate mfg. is authorized copy to PAC FLT. 1-23 CO - 2/6
474571	2:2	Pug Sd	Renewal of main feed pumps not necessary at this time.Y
483014	3/22	C&R	Location of submersible pumps, motor generators and auto starters on T-OMIN, Avondale & L.M. Ford; I was print: 1-1.

ARKANSAS: PUMPS: LEBAL

1912

Number.	Date.	From or To—	Subject.	
✓ 78244	9-17	NYS 1823 -2320	Fwds plan turbine for circulating pump; contractors rect. tracing from which print was made be accepted as finished tracing. N To - will not accept 9/23	
79415	10-3	CO	Reports trouble with oil pump losing suction. N To recommend action be postponed until similar work on Florida as been tried 10/9	
79564	10-5	NYS 1975-2277	Reports on necessity for work on fuel oil pumps. N	
✓ 80157	10-12	NYS 2058-2277	Fuel oil pump; states arr. was a change from specs. ordered by Bu. only satisfactory solution installation of small pump in engine room for use in port; will install at increased cost. N	
80206	10-10	CO	Fuel oil pump; fwds reports on during run to NY. Rect. arr. be made to alter on arrival at ship yard Oct. 20th. N	
✓ 80553	10-18	Warren Steam Pump Co	Plans; rect. return of tracing be expedited. N To -- fwds. 10-23 Returns tracings. 11/8.	
✓ 80688	10-19	CO	Fwds second report on failure of fuel oil suction pumps. N	
83524	11/29	To NYS and S&A.	Request shipment of fuel oil pumps from NYS to Phila. yard.	121-16
1913				

ARKANSAS pumps, 121--19

1913

Number.	Date.	From or To—	Subject.	
86252	12/30/12	NYS	Reports shipment of spares for pumps, etc	121--16
119269	3-4	NY 370-593-13	Fuel oil pumps; submits additional est. Y	
122088	4-7	CO	Air pumps; reports poor alignment of. Y	
124009	5/1	Blake & Knowles	Re defective pumps	698
130804	7/23	C&R	Pump foundations; air pumps; fws corres and prints to show that foundations were not responsible for trouble on ARKANSAS	698
166695	9/24	At Flt (R)	Starboard main circulating pump; turbine casing exploded; no injuries; proceeding Hampton Rds. under port pump. Y To--(R) Report material necessary for repairs. 9/25	
166770	9/25 9/26	CO (T) CO (T)	Further reports on damaged turbine casing of feed pump. Y Fwd Dept--Recommendations. 9/27 RB 10/4 To--(R) Instructions. 9/27	
SEE BELOW.	To S&A--Recd quotation for assistance. 9/27		To NY--Have ordered material for repairs. 9/27	
166844	9/27	CO	Main circulating pump; accident to turbine casing; fws advance copy of report of proceedings of Bd. of Investigation. C Held--9/28 Fwd Dept--10/2 RB 10/7 CO damaged turbine shipped NY; unable to locate motor; East Coast Yards are using winch motor temporarily 10/1	
166770		SEE ABOVE.	Terry Co. 9/28-S&A. 9/30--Quotes price and time of delivery. Y	
	Fwd NY--10/2 RB 10/7		NY est 10-5 Fwd Dept--10/6 RB 10/9	
	To NY--Apv's est. 10.9		Fwd S&A-- 10/1 To NY--10/1	

Number.	Date.	From or To—	Subject.
✓ 42060	6/22	NYS 1332	6-inch centrifugal pump: fws prints. N To -- Appd as mod. 7/1.
✓ 43012	7/7	NYS 1407	Condenser circulating pumps: invites attention to prior approval of Pickering governor before informing company of Bureau's disapproval of July 1st. N To -- Desires that a more satisfactory form of governor be used. 7/11.
✓ 43321	7/11	NYS 1423	Main circulating pumps: fws letter from Company reqt. acceptance of white metal. N Fwd Brook. Acceptance auth. 7/14. 127-19
✓ 43886	7/18	NYS 1475	Aux. condenser circulating pumps: reqt. reconsideration of substituting of governor Judson type in lieu of Pickering. L To -- Approves Pickering in this case. 7/22.
✓ 45847	8/9	Blake, Geo. F. Mfg. Co	Submits drawings for approval. N
52382	11/6	FYS 2405	Fws prints of fuel oil pump. N To -- Appd. 11/16.
✓ 53318	11/9	NYS 2452	Installation of pump for pumping from double bottom feed tanks to main feed tanks: est. inc. cost. N Fwd 12/11/13.
✓ 57022	12/26	NYS 2907	Requests tracings of centrifugal pump made on dull side of cloth be accepted. N To -- Appd. 12/28.

1912

ARKANSAS: PUMPS: GENERAL: 121-19

Number.	Date.	From or To—	Subject.	
60449	2-5	Bd. on Changes. NYS 281-2267	Installation of pump for pumping from reserve feed tanks to main feed tank: inc. cost. N To LLS appd. 2/6.	
61124	2-13	NYS 370-226-6	Ash ejector pumps have been installed without relief valve: re. t. contractors be instructed to install at increased cost. N To---Valve not approved. 2/11.	
61122	2-13	NYS 374-2281	Engine room fire and bilge pumps: relieve valve on discharge: as arranged discharge into bilge: recommends change. N To---Recommendation not approved. 2/15.	
62311	2/28	NYS	Dock trial: air pump: show excessive vibration. have requested remedy.	121-2
63026	3/9	To NYS	Main air: approves substitution of steel studs for bronze in bonnets of water cyls.	121/2
75226	8/5	NYS 1600-2320	Exds prints of main circ. pump steam turbines. invites attention to bracing having been made by duplicating process with lines on dull side of paper. N To- will not accept drawings 8/13	
76827	8/28	Terry Steam Turb. Co. T	Turbine circulating pumps: asks if lithro-graphic tracings will be accepted. N To---Not acceptable. 8/28. To---Requirements. 9/6. Terry state will supply tracings. 9-9	

FILE No.	From or To— (Dated)	Subject.	
35058 3/30	NYS 720	States present fuel oil system does away with 8 pumps, one of which could be used for feed water transfer work. N To -- Apprs installation of pump 4/1. To Gen. Insp for inc. cost 4/1.	
✓ 35311 4/1	Harrisburg	Nuts for: Manf. at Newburg, N.Y.; on account of distance from Harrisburg, reqt instructions rel to inspection. S Ret -- Factory Insp. waived 4/5. R.P. 4/11	
✓ 35873 4/8	NYS 799	Governor gear, indicators, etc. Fwds b/p. N	121-9
✓ 35861 4/10	NYS 807	30" main circulating pumps: fwds prints. N To -- Apprd 4/15.	
✓ 35935 4/11	NYS	Aux. circulating pump engines: reqt. permission to make material for reinforcing rings and special steel rotor castings. N To -- Reast apprd. 4/14.	
✓ 38808 5/15	NYS 1073	Ash ejector pumps: fwds prints. N To -- apprd 5/22.	
39579 5/23	NYS 1135	Main circulating: fwds prints showing details of Perry steam turbine for. N To -- approved 5/27	



FILE No.	From or To— (Dated)	Subject.
✓ 28686 1/9	NYS 35	30" main circulating; fwds b/p showing modified details of To -- appr'd as modified 1/21.
✓ 28677 1/11	NYS 66	30" main circulating; fwds prints showing details of terry steam turbine. To -- appr'd as modified 1/23. To -- 2 prints of terry turbine fwd. Recd without is for of transmission. 3/21.
✓ 28676 1/11	NYS 50	Aux. condenser circulating. Fwds b/p To -- appr'd as mod. 1/31.
✓ 29647 1/14 1/20	Warren Steam Pump Co Insp. Mass	Ash ejector pumps; contractors re. next physical test be waived; Insp. recommends be insisted upon. Fwd Mass via Cramps; requirements 1/24. R.B. 1/26
✓ 32194 2/21	NYS 406	Reqt. decision regarding 2% of lead in composition castings. S Ret -- 2% lead appr'd 2/25.
✓ 32468 2/24	Bath 299	Bronze shafting for circulating pump; recommends rejection. N To -- Appr rejection 3/2.
✓ 32711 3/1	Brook 1943	Circulating pumps; contractors reqt. permission to cast test pieces separate from large castings; recommends disapproval. S Ret. disappvd. 1/3 R.B. 3/6
✓ 32844 2/28 3/2	Warren Steam Pump Co Mass	Pumps for ash ejectors; appeals against chemical inspection of castings. S Ref. Mass. via Hartford valve physical tests on small castings. 3/6 R.B. 3/11/
✓ 33426 3/9	NYS 532	Substitution of independent aux. air & cir. pump for combined type; inc. cost. N. To -- Appr'd 3/11. Fwd Dept. rec appr. 6/13. R.B. 6-17 appr'd



ARKANSAS VALVES GENERAL

1922

Number.	Date.	From or To--	Subject.
✓ 622941	4:24 5/11	CO Dept	Request over haul and properly adjust safety valves and boiler stop valves. Y
✓ 623258	5/17	Phone to Atlantic	Foster red cross valve for steering engine - approved survey is authd cc CC Ya

121-00

1918

Number.	Date.	From or To—	Subject.
✓ 365907	12-8	To Norfolk	Request for drawings of boiler valves
413708	4-25	To CO	Gate valve for— Discrepancies in dimensions of valves reacted and those on plans. Request detail information before contract for is awarded. Re CO demansions of valves information with demansions on plans 4:30 D
✓ 601938	12/23	To CO	Request 32 rubber valve discs for evaporator feed pumps be furn D.
		1921	
✓ 615997	3/23	CO	Request make plate data on grinding of safty valves on main boilers be furnished Y X to Valves safty To Tennessee 4/3 Request detld report of grinding 4/3 To cc CO A. R. C. 43. C-1-C-Atl Mt. C-1-C-Atl Mt. To Tennessee 4/3 Request report 4/3 To cc Atl Mt. CO Tennessee 4/18 Gives description of method of grinding in of boiler safty valves Y

1912

Number.	Date.	From or To—	Subject.	
85553	12-18	Bd on Changes, NYS	Main steam stop valve: change in operating gear. Inc. cost. \$ To NYS. appd. 12/20.	
1913				
95298	4/17	NYS	Gate valves, fws tracings of as called for by trial Board's report	121--2
95801	4/24	NYS	Lytton traps; fws contractor's order covering \$ (T) to --- order appd. 4/26.	
96701	5/7	NYS	Lytton traps; 5/4" already delivered. Object# to furnishing larger. D To --- satisfactory. 5/13.	
141307	11-14	CO	Reach rods for exhaust valves	~~XXXXXX~~ 121-8
Ship Reqn 90 1-5 NY Reqn 1213		To CO	Valves, pump, hard fibre, action withheld; reqt further information on. R	
144307	1/11	ARKANSAS	1013 Fws samples of Peck pump valves, hard fibre which have been distorted while in store	724
291738	3-25	To C&R	Air Reducer Magneto. Reqt'd be replaced by a mechanical reducer. of a standard type.	

ARKANSAS: VALVES: GENERAL:

Number.	Date.	From or To—	Subject.	
✓ 37938	5/4	NYS 93	Relief valves: fuds prints of those proposed for distiller circulating pump. N To -- Appd 5/9.	
✓ 44822	7/27	NYS 1551	Main injection and main drain valves: forwards tracing of locking device. N To -- Appd. 8/8.	
✓ 49862	9/30	TO NYS	Directs estimate be submitted for fitting gate valves on main feed discharge pipe in after fire room. N	
✓ 50639	10/7	NYS 2117	Installation of gate valves at main feed discharge in after fire room; submits est. inc. cost and weight. N To -- Appd. 10/11.	
50620	10/9	C&R	Fuel oil system - understand automatic valves to be omitted	121-16
✓ 54909	11/29	NYS 2651	Boiler stop and main steam stop valves in fire room; operating gear for fuds modified tracing. N To -- Appd. with mods. 12/11.	
56517	12/19	NYS 2844	Operating gear for boiler stop and main steam stop valves in fireroom; asks if Bureau will consider shifting location so valve stems will be in a horizontal position. N To -- Appd if no change in cost (inc.). 12/22.	
84643	12/7	NY	Gives actual cost for fitting extension rods to valves, etc.	121-2

ARKANSAS: VALVES: GENERAL. 121--20

Number.	Date.	From or To—	Subject.	
57023	12/26	NYS 2901	Main stop valve: re changing angular position of. To---Change appd; Rept est of inc.cost. 1/4.	
			1912	
59357	1/22	NYS 172-2281	Boiler main steam stop valves in fire room; position and deck operating gear for; Invs b/p. N To---plan and. 1/23. To---appd. 1/25. Rept. return of tracing. 1/26	
60447	2-5	Bd. on Charges, NYS 279-2281	Installation gate valves: on main feed discharge main; inc. cost: N To NYS appd. 2/6.	
62280	2/28	To Grange NYS	VALVES: auth. setting at 225 lbs.	724--6
67500	4-29	NYS 983-2281	Recommend reducing valve for steam line to evaporators, similar to that recommended by trial board of 1/1. N To---not desired to instal at present time. 5/1.	
75228	8/5	NYS 1594-2320	Gate valve: type finished tracing. Recommends rejection of drawings on account of insufficient dimensions. N To - will not accept tracings - gives requirements 8/13	
83364	11-22	NYS 2363-2281	Main steam stop valve: alter operating gear. Inc. cost. N To---To Gen Insp for inc cost. 11/23.	

121-20
ARKANSAS -- VALVES - GENERAL

1✓

FILE No.	From or To (Dated)	Subject.	
✓ 28085 12/31	NYS 3214	Lytton Steam trap; recommends in lieu of valve seats required by Bu. To -- apprd 1/11.	
✓ 29515 1/19	NYS.	Fwds prints and specns. covering 2" gate valves for circulating water discharge to oil cooler. To -- approved 1/27	
29482 1/19	B&W Co.	Wyoming & Loller valves, re test at Exp. Sta	488-20
30586 2/1	To NYA	W.A.D.: valves factory inspection on LYTTON Steam on; and on all future orders	719
✓ 33106 3/2 3/6	Crown Smelt. Co. Chester 1479-2	Rect. waiving of specns. covering castings covering valve bodies. S. Ret Chester. Deficiency waived 3/6. R.B. 3/11	
✓ 33823 3/14	NYS 600	Steam, stop and safety valves; fwds tracing showing arr. of deck operating gear.N. To NYC Apprd as mod. 3/21.	
✓ 36700 4/20	NYS 865	Lonergran relief valves; fwds prints.N To -- Apprd as mod. 4/24.	
✓ 36803 4/21	NYS 872	Pressure regulator valves; fwds prints .N To -- apprd 4/29.	
✓ 36802 4/21	NYS 875	Pressure regulator valve; fwds prints of Foster Engrs. Co. N To -- apprd. 4/29.	



Number.	Date.	From or To—	Subject.
650932	11/28	To CO	Expenditures for first quarter 1923 co S&A Ya CO 12/7 Y To CO- comments 12/16 CO ARLEN343 12/26 Gives explanation of discrepancies. Y
654083	12/9 12/17	CO Atl Battleshp Force	Rqsts corrected allowance list be furnished Y To CO- Fwds copies allow. lists 12/30

121-21

ARKANSAS: ALLOWANCE

1921

Number.	Date.	From or To--	Subject.
600264	12/9	Pug Sd	Copy of letter to NLY. transferring allow- 488-21 ance list for WYOMING to ARKANSAS. Y
1922			
628181	6/20	To CO	Gives change in allow lists cc EC 50 ship- yard L Y
632760	7/11	CO	Fwds balance sheet, title B equipt quarter ending 6/30. Y
636903	8/11	To CO	s And A Form 20 for quarter ended 30 June non-receipt of copy by Eng Ya CO 8/15- Y
639158	8/18	CO	Fwds electrical allowance book VI To CO USS ARKANSAS- Returns Allow book 9/1 LY

N. Ing. 134

ARKANSAS ALLOWANCES

1922

Number.	Date.	From or To-	Subject.
✓ 641196	9/11	CO	Annual inventory completed. Y
644858	10/12	To USS ARKANSAS	Changes in allowance list. Ya cc CO NY
✓ 648361	11/15	To CO	Gives change in allowance cc CO- EO 90 ves. cc CO NY
649015	10/30 11/17	CO C&R	Submits report of inspection upon change in commendation Y

REMARKS: ALLOWANCE:

Number.	Date.	From or To—	Subject.
✓ 525116	10:12	CC	Request all money list.Y To CC Fwd cc S&A 10-26 CC-11:10-Y
✓ 534384	12:3	CC	Request increase in quarterly money allotment.Y To CC S&A 12-18 To CC S&A 12-18 CC-Fwdt additional allotment-12:22-Y CC S&A 12:22-Y
540332	1/15/21	To CC	Request changes in elec allow cc S&A 1-15-21 Puc S&A 1/15/21
541172	1/15	To CC	Request revision allow book L To CC Request inform 3/30
✓ 551505	3:14	CC T	Request addtl quarterly money allotment.Y To CC (T) Addnl allotment authd cc S&A 3/15
✓ 556723	5:24	CC	Request increase in quarterly money allotment.Y To CC Allotment authorized cc S&A 6/3
✓ 570201	6:17	CC	To CC (T) Approv cc S&A 6/18 To CC S&A 6/24
✓ 571056	6/16	CC	Request addtl money allotment.Y

121-21: PARS-3: ALLIANCE:

Number.	Date.	From or To--	Subject.
577071	8:23	Plc PP Cnl <i>good sec 8</i>	<i>Plc PP</i> Pnd Opers via S&A and A Surg Navign 7/14
579142	3:4	Plc Sd copy	Plc Flt will return all machine spares for Navy to PS (1) 7818 four 1004 1900 New York 8/18 To
580214	7/2	CO	Annual inventory completed. Y
583460	8:29	CO	Reqd increase in money allotment. Y
583600	9:1	CO T	Reqd addtl title "C" allotment \$2,000. Y To CC (T) Approved cc S&A 9/2
584174	9:1	CO <i>Ex</i>	Reqd addtl money allotment. Y To CC via C-I C Att Fleet- allotment authd 9/8
5-1512	9/12	To C	Gives chance in allow list- cc SC-CC Ship- Cor H R- L Pa-od. 9/14- Reports distribution of allowance. W.

ARKANSAS: ALLOWANCES.

Number.	Date.	From or To—	Subject.	
224505	4-24	To NY	Rest itemized statement of spaces transferred to Phila and Norf for MAYRANT &	689-11
272027	1-12	o CO	Revision of Eng Elec Allow lists. Fwds blank book. L-R	
296474	4/5	CO	Returns allowance list filled in - RA To—Returns allow lists apvd as corrected 4/13	
315242	6-6	To C O	No change in S E Elec Allow. list. LR	
316701	6-3	C O	Rests inquiry for monthly allowance. R Fwd SEA 6-18	
320459	8-1	To C O	Re: dlm S E Allowance	

ARKANSAS : ALLOWANCE

Number.	Date.	From or To—	Subject.	
✓ 376788	12-13	To CO	Re revision of elec. allowance . CO fws allowance list 3:20 To CO- Fwdg 1 SE allowance book- 4/10	✓ J-29-21
387064	1/16 1/18	CO R S&A	Request Norf be authorized to issue tungsten tool steel - R Fwd S&A. 1-22	
409083	4-10	To CO	Fws plant allowance book for revisin. Ya CO 6/19 Fws allowance book o CO- Fws appvd allow lists. 8-21	
✓ 457732	11/7	P Snd VOID - see 121 - 12	port Recommends all tubes of condenser and lower section of starboard condenser be removed-Y	
459367	10:29	CO BALTO	Request radio allowance list be furnished.Y	
✓ 484361	3:21	CO T	Request additional allotment of \$4000. covering cost of material overhauling boilers evaporators and generators-Y Fwd S&A. 3-29	
✓ 485469	3:27	CO	Submits request for increase in money allotmt.Y Fwd S&A. 4-6	

ARKANSAS: ALLOWANCES.

1912

Number.	Date.	From or To—	Subject.
85561	12-18	Bd on Changes, NYS	Spare parts; shipped to NY in lieu of Phila: Inc. cost. N To NYS. appd. 12/20.
1913			
92765	3-18	NYS 386-6116	Spare parts; states 4 lever springs for emergency governor on Gen Set were furnished as part of spares required by contract and their retention will involve no increased cost. L
✓ 94617	4-10	NYS 832-2314	Fwds shipment list covering shipment of propellers and spare parts for turbines to N.Y. S
101339	7-10	CO	Reqd. spares for motor boat be added. R To---not appd. 7/15.
101340	7-10	CO	Reqd. addition of gages, taps and dies, etc. R To NY. additions. 7/14. R Ret---7/23 RB 8-2
103568	8-5	CO	Oil tanks; small; reqd. transfer from title B to title A. R Fwd S&A. appd. 8/15. R 8-20

ARKANSAS: ALLOWANCES 121-21

1915

Number.	Date.	From or To—	Subject.
120958	3-24	CO	Reqt addition of elec irons.R To NY add 4/3
132796	8-15	CO	Fwds revision. R To Via NY-- Fwds blanks lists. 1/16
150504	3-15	CO	Reqt list.R To--Fwds blanks for preparation. 3/28 To--Reqt for above. 5/22 To--Reqt action. 10/1/22 To--Addition of torch. 4/29-15
164443	8-24	CO	Reqt emergency increased money allotment. R Fwd Dept-- 8/30 HB 9/1 Fwd S&A-- 9/2
168892	10-20	CO	Elec allowance; fwds.R To--Returns appvd with modi. 11/19 ARK submits recom 12-3 CO fwds allowance 12/20
173704	12/4	CO	Reqt addition of elec drill to allowance.R To NY add 12-15 To CO 12-15
180717	2-25	CO	Reqt laminated bridges be transferred from title Y to B. R To--Appvs/ 3/13
185922	4-24	CO	Portable metal ash shute; request.Y
209287	12/23	To CO	Adds copperamith's tools to allow. R
ARK 336	2/1	To ARKANSAS	Calls attention to standard allow of spare parts for motor boats of AR allow book, 1915, edition, and directs not to exceed this in future. R

ARKANSAS: ALLOWANCE.

1912

Number.	Date.	From or To--	Subject.
✓ 76689	8/26	NYS 1623-15	Allowance list--Equipment. Recommends additional spares for gen. sets, etc. R To Comdt. Phila. & Insp. Camden. VIA S&A: Amendments. 8/28 RB 10-9
77936	9-12	NYS 1795-2317	Recommends changes spare parts, tools, etc. R
✓ 78070	9-14	NYS 1086	Omit cam shafts and pilot valves from generator spares. R. To - via S&A - amends/ 9/19 NYS reqt. copy. 10-9 To --- Fwds copy. 10/11.
78625	9-20	NYS 1115-899	Fwds list of stores furnished by Bu. and contractors for installation. N.
✓ 79098	9-28	NYS 1915-2313	Shortage in spare parts; contractors object to furnishing pattern of fire brick for fuel oil burner. N
79323	10-2	NYS 1939-2514	Submits list of spare parts, stores and tools. N-X Reqt. change in list wrenches. 11-27 NYS corrects prices 1-27 Corrects - 6/16
✓ 79336	10-2	NYS 1155-15	Invites attention to recommended changes for spares for gen. sets and testing instruments. R 10 -- have been appvd. 10-8 ~~10 corrects prices~~
Reqn	10/11	To C.C.	Machine screws, rel carefully scrutinizing of reqn before submitting

ARKANSAS: ALLOWANCE: 121-21

Number.	Date.	From or To—	Subject.
80198	10-14	NYS 2073-2314	Req ^t . instructions re shipment spare parts. N TO --- instructions. 10-16 TO NY to place in store. 10-16
80988	10-24	NY	Req ^t . R O S&A req ^t . be forwarded. 10-29
81048	10-23	CO	Req ^t . lamps used to fill empty sockets be not charged against quarterly allotment. R.
81851	10-31	NYS 1271-15	Re allowance; recommends changes in emergency and control governor; etc. fws b/p. R. To --- Only one sheet recd. 11/9 To GE. Secst detailed statement as to what items furnished include. 11/9.
82072	11-7	NYS 224-2313	Spare parts and tools: req ^t . shipping instans. N To --- instructions. 11/8.
82360	11/11	NYS 1309-15	Re inertia governor and emergency springs called for on allowance list; fws print. R-L To --- Requirements. 11/14. BB 11-18 To --- lever and springs not required. 2/26. NYS 2/26. springs have all been shipped. L To --- desires material be accepted. 3/10.
83039	11-14	NYS 2333-2314	Spare parts; fws list of those shipped to GSK NY. N
83735	11-27	NYS 2402-2413	Shipment spare parts NY in lieu Phila. Inc. cost. N To --- & Gen Inspr. inc cost. 11/29.
85298	12/17	NYS	Re shipment of spare parts for valves, pumps, fuel oil system, etc

121-16

ARKANSAS: ALLOWANCE

1912

Number.	Date.	From or To—	Subject.	
61609	2-17	Phila.	Patterns for steam cutter grate bars; reqt instructions re supplying items. R.Y. To---via S&A. Effects omission. 2/21.	
62227	3/6	To NYS and Phila via S&A.	Amendments: change in shades for lights, and spares for illuminating sets.	488-21
✓ 64108	3/19	Phila. 320-6	& WYOMING: requests detail description covering gas testing set called for in allowance books. R. Ret---being purchased on Bu. NSA reasn' 250. 3/22. RB 4-1	
✓ 64225	3-20	Phila	& WYOMING: Technical books; reqt. instructions re purchasing. R. To---via S&A. Omit reference books. 4/18.	
66023	4/12	To NYS	Request comment and rec concerning changes for hose and tube cleaners.	488-21
66550	4-17	NYS 908-2317	Comments on allowance of steam hose, boiler tube cleaning lances, etc. R. To---& Phila via S&A. amended. 4/19.	
67348	4/26	NYS	Rec. allowance list be modified by omission of list of spare parts for danger zone motor generator. R. To---via S&A. directs omit. 5/2. RB 5 16	
✓ 67501	4-28	NYS 473-15	Responses elec. candle sticks be transferred to ... allowance. R. Ret---via S&A and Grampa. Should be entered on Ed. S. E. lists. 5/4. RB 5-11 Co. Grampa. 16 required for WYOMING. 5/16.	

A KANSAS: ALLOWANCE: 121-21

Number.	Date.	From or To—		Subject.
✓ 69255	5-20	NYS	587-15	Change in cost caused by changing type of tarry turbine turning motors. R To --- IA S&A additions, etc. 5-24 To Phila via NYS and S&A additions. 11/22.
✓ 69820	5-27	Cramps	272-50	Elec. candlesticks; fwds correa. Claims allow- ance list and not approved drawings fix number. R-L To --- Conting should supply without change of cost. 6/8.
71026	6-12	NYS	691-15	Add elec. testing apparatus. R To --- Phila via S&A directs amendments. 6/18. RE 7-22
✓ 72275	6-26	Phila	GSK	Allowance; motor generator. Testing set; asks if Bureau has made arrangements to supply. R To --- set will be supplied on su. fund. 26. 6/29.
✓ 72395	6-26	S&A	109021	Fwds list of articles due from NY Yd for assembly at Phila. R Fwd Ord. 7/1.
✓ 72505	7-1	Cramps	480-150	Allowance list; candle sticks; objects to furnish ing more than one fixture for each outlet on lighting system; no record. R-L To --- (WYOMING) instructions 7/16
73054	7-10	NYS	836	Calls attention to discrepancy in testing apparatus. elec. R To --- appd. 7/12 To --- via S&A amends. 7-13 BLBB, -25
✓ 73733	7/18	NYS	862-15	Recommends A.C. voltmeter be added to list. R To --- a reason for acceding to request 7/20.

Number.	Date.	From or To—	Subject.
43202	7/10	NYD	Reqt. copy of Bureau Equipment letter 214403 quoted in connection with allowance list. R To -- Eq. #214,403 fwd. 7/18.
43579	7/13	S&A 106316	Reqt. R To NYS. Fwds copy of Appendix with four blanks. 7/18.
48514	9/12	NYS 1060	Reqt. list of spare parts for turbine generator for. R Ref. approved - same as UTAH 9/10
48515	9/12	NYS	Reqt. list of spare parts for fire control motor generators. R Ref. approved same as UTAH 9/10
49046	9/15 9/19	Phila S&A 14563	& WYOMING telephone equipment; reqt. instrum as to what title of allowance to be carried under. R. Ref. S&A - recomds. 9/23
✓49270	9/22	NYS 1108-15	Reqt. blanks covering Bu. Equip't. articles. R
✓49599	9/26	NYS 1973	Returns revised copies. R. forwards list for corrections and additions 9/28
✓50329	10/5	NYS 2087	Returns; entries of spares appear to be incorrect. R To -- returns copy; reat changes necessary. 10/9.
✓50402	10/6	NYS 1171-15	Recommends changes in under S.E. Equip't. covering motor generators, also supplies. R Let -- blanks app'd. 10/9 RB 10/12

ARKANSAS: ALLOWANCE LIST: 121-21

Number.	Date.	From or To--	Subject.
✓ 51041	10/13	NYS 1195-15	Fwds. covering SE. Equipt.. R
✓ 51564	10/17 10/19	NY S&A GSK	Asks if copy forwarded by Insp. NYS is to used for assembling material. R. Ret S&A. Reat. book be fwd to GSK. Phila. 12/24. R B 11-9 Fwd Phila-Are revised lists. 11/22.
✓ 51950	10/26	C&R VOID	Fwds. plans showing modification in lead of filling pipe. N
✓ 52083	10/27	NYS 2304	Submits revised copy. R To---Appd. 11/4.
52832	11/6	NYS 2413	States copy on hand duplicate of Bureau's copy; have forwarded same to GSK Phila. R
✓ 56367	12/14	Phila. 320-3	Requests up-to-date allowance. States one on hand is so marked up with corrections as to make it impracticable to make further changes. R To---Fwds list. 12/20. BLRB Ret---Recat blank copy be filled in for E.O.'s use. 1/11. To---via S&A. Changed direct- BLRB ed. 2/3. To NYS via S&A. Omit copying press. 2/13 1912 To---via S&A. Amended. 2/16 To---via S&A. amendment. 3/6
56633	1/16	To NYS	Directs add portables, water-tight t. R
6107e	2/15	To NYS via S&A.	Omit spare ash pit doors.

121-10

ARKANSAS: ALLOWANCE: LIST:

FILE No.	From or To-- (Dated)	Subject.	
✓ 30186 1/11 1/26	Phila. m. 4009 S&A 109021	AND WYOMING; relative to preparation of, so articles of outfit can be manufactured. R S&A and av. rel. lists will be prepared at early date 1/30. To Phila. 2 fvd 2/5. Ret. copy of letter 7/10 To NYS Corp. fvd 7/18.	SEE BELOW
✓ 30254 1/28	Phila. GSK	ARKANSAS; change in allowance by adding arc lights; request source of supply R Ret -- to be supplied by contrs 2/6/	
✓ 32202 2/21	NYS 216-15	Wds allowance of articles formerly under Bu. Equipment. R To S&A or Phila Yd. 3 copies of Appendix fvd 2/27. B.L.B.B. 3/9. Ret 3/3. 3 copies Appendix with corrections ret 5/10.	
✓ 32370 2/24	NYS 225-1118	Recommends change in allowance covering omission of Cooper Hewitt vapor lamps for and additional carbon arc lights. R	
✓ 35934 4/11	NYS 429-15	Recommends changes in spare parts for motor generators, etc. R Ret -- via S&A Directs appendix amended. 4/19	BB 5-19
38505 5/11	S&A 106316	Reqt. assembly list. R To -- Will furnish lists at early date 5/13. To NYS. Wds. co. and directs be prepared. 6/3. To S&A Wds. lists 9/16	
36328 5/16	To C&R via S&A	Asks if clothing and small stores issuing room (compartment C-103) will be retained in addition to genl stores issuing room in the hold.	121-4
✓ 38970 5/17	NYS	Reqt. changes in connection with searchlight spare parts. R Ret -- Recommendations apprd. 5/26. BB 5-29	
30186	SEE ABOVE	Reports non receipt . 7/20 NYS.	



ARKANSAS: WHISTLES:

1912

Number.	Date.	From or To—	Subject.	
69332	5-21	C&R 25225-E.26	CO suggests changing location from forward to after smoke pipe. N and Dept via C&R. Rec appr; also for to NY. appd. 6/10. R B 8 - 1st (Work transferred to Phila-See 72164-121-24)	
			1913	
		1914		
114875	1/13	To G.O.	Siren, reqts report of operation of	730
390020	1:28	Norf.	Req. print of 2" completed stop valve and separator for whistles and siren. D To- Fwd's prints. 2-1-19	
412185	4:17	Norf.	Commanding Officer req. constr. stage around whistles and siren. D To- Work on installation of stage around whistle and siren auth. copy to CO.	4-25

ARKANSAS: AIR COMPRESSORS:

FILE No.		From or To— (Dated)	Subject.	
36622	4/19	NYS 861	Compressed air and gas ejecting system; fwds prints showing arr. of L To -- Apprd as mod. 4/22.	
36665	4/20	C&R 25181	Gas ejecting system: fwds prints showing arr. of L. Fwd Ord Plans satisfactory as commented upon 4/22.	
1912				
72919 VOID	7-8	NYS VOID	1399+3055 Stern tub shafting; reqt. authority to increase size axial hole?N	
72918	7-8	NYS	Air compressor; reqt. set of prints. N To -- Not policy of Bu. to loan standard tracings to contractors. 7/17.	
1913				
95200	4/17	NY	Prevention of dampness in torpedo air compressor compartments, reports on conditions on:	601
1914				
22550	2-4	CO	1918 Install independent air compressor for oil boring wd C&R 2-19 Y R B 2/26	



ARKANSAS: INSTRUMENTS

1915

Number.	Date.	From or To—	Subject.	
146385	1/26	ARKANSAS	Cummings ship engine log; reports on operation of	665-2
175629	1/6	Hohmann & Maurer Co	1916 Reqt Bureau submit report on trial of their induction thermometers made on ARKANSAS	571-10
183527	3/20	CU	Pneumercator system	121-8
186641	5/3	To CO	Cummings engine log system; reqt report on efficiency of	665-2
1597	7-8	Jerguson M&V Co	Water column fittings; reqt extension	629-2
201274	9-26	CO	Cummings log clock; request authority to send to company for overhaul. To Cummings Ship I. Was - notes from CO letter saying clocks never any good. Reqt comment. 10/7 Cummings Works; reasons for frequent overhaul 10-11 To—Auth to send to Cummings Works clock attach for overhauling. 10/14	
259189	11-7	NYS VOID	Clare recorders - fws da's used and call attention to improvements -- 10-1	

121-24:ARKANSAS: INSTRUMENTS:

1921

Number.	Date.	From or To	Subject.
✓ 593609	10;4	CO	No.1 torsion meter inoperative - ships force will endeavor to repair.D
✓ 595448	10;22	CO	Reqd repair torsion meter of starboard overboard main shaft.Y To CO - Autos repair oc Atl Fleet- C-I-C Atl Fleet- Comdt NY 11/17

ARKANSAS: INSTRUMENTS:

1912

Number.	Date.	From or To—	Subject.
✓ 61631	2-19	NYS 416-2300	Installation Gary Cummings averaging counter; fwds letter from Lt. Comdr E. P. Jessop stating instrument invaluable for turbine driven vessels; reqt. reconsideration non-installing. N. To---Installation not appd. 2/21.
61904	2/23	To NYS	Torsion meters; finished plans not required. N
✓ 62123	2-26	NYS 482-2287	Torsion meters; reqt. vandykes be accepted in lieu of finished tracings. N To---will be accepted. 2/26.
✓ 64548	3-23 3-25	Brook NYS 717	Thermometers for magazine refrigerating system; reqt. instructions re testing. N To Brook via NYS. Instructions. 3/29.
✓ 66366	4-15	NYS 892-2281	Torsion meter; reqt. instructions re calibration N To---will require affidavit from makers as to calibration. 4/7.
68691	5-13	NYS 1059-2300	Contr ctors a. deal against furnishing gage for each air compressor. N To---omission a. proved. 5/15.
✓ 72164	6-26	Future 30	Reqt. be fitted with Gary Cummings averaging counter. N Fwd Dept. rec. appr. 7/12. BB 7 104 pnd To NYS. appd. 7/23. Fwd NY. for compliance. 7/23. To---N.Y. & Phila. transfer of work 9/17
73829	7/19	NYS	ARKANSAS: turbo gen. sets, provides for using hand tachometer. 121--5

ARKANSAS: INSTRUMENTS. 121-24

Number.	Date.	From or To—	Subject.
✓ 79430	10-3	Phila 320-160	Gary-Cummings averaging counters; no one-way gears were furnished.N. TO -- will be forwarded. 10-8
83100	11-5 11-7	CO NY 320-755-3	Repair thermometers and clocks.Y
✓ 83376	11-22	NYS 2360-2287	Gary Cummings torsion meters; inc.cost.N To --- & Gen Insp. 11/25.
✓ 85552	12-18	Bd on Changes. NYS	Gary-Cummings torsion meters; inc. cost. N Fwd Dept rec. appr. 12/20. S.B. To NY. 1/2. Change in weights 1-6 Fwd C&R. 1/8. 1913
✓ 99454	6-13	NY	Cummings engine log ;reports installation complete; est.D
✓ 113912	12-19	CO	Reqt new pipe line for operating Cummings Engine Room counter on bridge ~~box~~ using larger size pipe. Cummings instrument has operated satisfactorily. Y Fwd NY. for est. and rec. 1/6. S.B. 1/24 To NY. ~~instructions~~ 1/24.
136188	9/29	ARKANSAS	Tycos index thermometer; reports on test 671-10
137089	10-13	CO	Reqt repairs and alterations engine log be expedited and returned to vessel before Oct 28. Y Fwd S&A--Reqt shipment to Cummings Ship Instrument Co. 10/16. S.B. 10/22 To --Have reqt shipment to Co. 10/16 To Cummings Ship Wks--Notifies of shpmnt. 10/16 Cummings will return 10-24

FILE No.	From or To- (Dated)	Subject.	
34919 3/29	NYS	THERMOMETERS: std fittings: recd prints. for use in connection with ordering for:	671-10
✓ 38782 5/10	NYS 1078	Reet/ decision relative to installing recording gage in Senior Engrs. quarters. L. To -- Installation apprd. Reest est. of change in cost. 5/17.	
✓ 53317 11/9	NYS 2453	Steam gage in engineer stateroom; estimated inc. cost. N To ---, & Genl Insp for inc cost. -- Fwd C&R. 11/13.	
✓ 54651 11/27	NYS 2627	Gary-Cummings torsion meters: fyds tracing showing location. Calls for prints of instruments showing details--not received. N Print recd 11/29. To--Appd as mod. 12/4. To--Further mod. 12/6.	
54602 11/27	To Mass	Torsion meters. Orders 105552-3: waived factory inspection and auth. shipment. S	
1912			
60451 2-5	Bd. on Changes. NYS 283-2286	Steam gage in engineers stateroom; inc. cost. N To NYS/ appd. 2/6.	
✓ 61338 2-15	NYS 2872-3000	Substitution Cummings Averaging counters for twin rotary counters. inc cost. N To --- Not appd. 2/17.	



ARKANSAS: RECORD OF WORK

1921

Number.	Date.	From or To—	Subject.
542277	1-3	CO VESTAL	Quarter 12/31 Y
54370	1:1	T	Quarter ending December 31st.Y
557635	4:1	CO VESTAL	Quarter ending 3:31.Y
558107	4:1	PROMETHEUS VOID SEE 2:2:25	Quarter ending 3:31.Y
558125	4:1	PROMETHEUS	Quarter ending 3:31.Y
560254	4:1	CO	Quarter ending 3:31 Y
575626	7/1	CO VESTAL	Quarter ending 6/30 Y
589157	10/7	CO PROMETHEUS	Quarter ending 9/30 Y
590625	10/1	CO VESTAL	Quarter ending 9/30 Y
592015	10:1	CO	Quarter ending Sept 30th.Y
594188	11:2	NY	8:22:21 to 8:27:21.Y

121-26:ARKANSAS: RECORD OF WORK:

1922

Number.	Date.	From or To—	Subject.
602979	12/31	CO PROQUESTUS	Quarter ending Dec 31st.Y
612566	3/6	N.Y.	11/14/21 to 1/3/22 Y
620162	4/1	CO	Quarter ending 3/31/22 Y
631680	6/30	CO	Quarterly report of work afloat Y
635618	7/31	N.Y.	4/28/22 to 6/17/22.Y To NY- Regs explanation of listed items 8/10 N.Y. 8/16 YL

Number.	Date.	From or To—	Subject.
389034	1;1	Norf	2-11-18 to 7-13-18 Y
✓ 39310	2/8	Norf	7/18 to 5/1/19 - Y
410951	4;1	CO	Qtr ending 3;31;19 Y
414249	4-15	CO	1-6-17 to 3-26-18 Y
✓ 439250	8/1	CO	Quarter ending 6/30 - Y
✓ 446754	7;1	USS VESTA ^L	Month ending June 30th Y
1919			
450021	10-1	USS BRIDGEPORT	Quarter ending 6/30. Y
452056	10-1	CO Vestal	Quarter ending 9/30. Y

-1919-

121 - 25

Number.	Date.	From or To—	Subject.
454705	10/1	CO	Quarter ending 9/30 - Y
470521	1:1	Norm	1920 7-13-19 to 2-1919.Y
470719	1/1	CO	Quarter ending 12/31 - Y
489464	4:1	CO	Quarter ending March 31st.Y
489466	4-26	To CO	Quarterly report of work Afloat. Jot Order D. 5-20. Repairs to deck winches. Order cognizance of C&R and should be charged against Appropriations of C&R. copy to S&A. L
507703	7:1	CO	Quarter ending June 30th.Y
507745	7:1	CO	Quarter ending June 30th.Y
527281	11:1	CO	Quarter ending Sept 30th.Y

1913

ARKANSAS: RECORD OF WORK.

Number.	Date.	From or To--	Subject.
108460	10-15	NY	May 25 to Oct 3.Y
1914			
123495	4-4	NY	Oct 2 to Apr 2.
124744	5-10	NY	ditto
126598	6/5	NY	Oct.2 to Apr.2.Y
143015	12-24	NY	Apr 2 to Oct 21.Y
148858	3-2	NY	10-31 to 1-16:-5
169751	10-28	NY	Jan 16 to June 25
173844	12-14	Norfolk	Up to Oct 9
183403	3-31	NY	June 25 to Jan 6, 16
1917			
233353	3/13	To NY	Reqt information re certain job orders. Y NY - submits report on amt expended to repair engine and boilers of steamer 1154 - Y 12/4
244843	--	CO	Quarter ending June 30th Y

ARKANSAS: REC RD OF WORK. 121 - 25

Number.	Date.	From or To	Subject.	
✓ 282510	2-16	Norfolk.	Feb. 1. to Feb. 11. Y.	
294417	3/26	NY	1/6 to 3/26 - Y	
300064	No date	CO	Quarter ending March 31st.	
✓ 321025	6-30	Norfolk	3-1-17 to 3-11-18. Y	
✓ 328373	7/15	Norfolk	2/11 to 7/15 - Y	
413121	CO 11-1	C. O.	Quarterly report of work quarter ending Sept 30th	Y
> 386760	1:1	CO	Quarter ending 12:31:18 Y	

ARKANSAS AIRCRAFT & AIRCRAFT MATERIAL

Number.	Date.	From or To--	Subject.
✓ 430725	7/5	Norf.	Fwds print showing wiring for current supply, kite balloon. Y.
469159	1;7	CO	Request electrical spare parts be furnished for kite balloon winch motor. L Fwd C&R. 1-16

121-27

ARKANSAS: SURVEYS

1921

2

Number.	Date.	From or To—	Subject.	
597764	11/28	43-22	Brassas, Manifold, Gauge Y	
598535	12/1	52-22	Thermometer Y	
598961	11/28	NY 44-22	Wrench, Doors Y	
599189	12/5	NY 41	Armature Y	
599859	9/30 12/9	CO S&A	Survey No. 6 provisions. Y	121-13
600438	9/12	CO 29	Forwards correspondence and survey #21 cov various material Y To CO via Div 5 - Gives Action 12/17 RB 2/27 Y To CO via Div 5 - Gives Action 12/17 RB 2/27 Y To CO via Div 5 - Gives Action 12/17 RB 2/27 Y	
600746	12/15	CO 20/22	Various material Y	
602415	12/28	NY 67/22	Bulbs Y	
617763	3/13	CO 92-22	Propeller Y	
623723	5/12	New York 100-22	Magneto Y	

ARKANSAS; SURVEYS:

Number.	Date.	From or To--	Subject.
467780	1:3	Pug Sd 26-20	Generators, lubricator kk cylinders, etc. Y To- Advise Bu number of engine. 1-17 P Snd - 1/23
474597	2:2	Pug Sd 35/20	Thermometers, and blocks. Y
474596	2:2	Pug Sd 32/20	Various material. Y
475574	2:6	Pug Sd 36/20	Tools. Y
480654	3:3	Pug Sd 2/23	Laundry irons and elec matl. Y
485552	3:30	Pug Sd 50/20	Various material. Y
492875	5:8	Pug Sd 55/20	Searchlight and spares. Y
521683	9:11	NY 2/21	Searchlights. Y
522716	7:17	WYOMING 1/21	Various items. Y
535138	12/11	ARK 3/21	misc. Y
595574	11/4	CO 30-22	Propeller. Y

Number.	Date.	From or To--	Subject.
535666	12/14	PS 4/21	Cutter Y
535878	12/15	PS 5/21	Propeller Y
563364	5/4	CO 35	Hydrometer testing set Y
563365	5/11	Comdt 97p	Main antenna, Vacuum tubes Y
569689	6/10	PS 8/21	Collars, Manifold, Levers Y
572201	6/23	PS 9/21	Armatures, Coils, Battery Y
573085	6/29	PS 12/21	Gauge Y
575416	7/5	CO 10/21	Buckets, Propeller Y
575906	7/13	PS 13/21	Soldering irons, Buckets, Pulley Y
594333	11/4	S&A	Fwdg. survey No. 6 fr m ARKANSAS covering 121-13 provisions spoiled due to inadequate refrig- erating apparatus- D&Y

FILE No.	From or To— (Dated)	Subject.	
35655 4/6	B.O.	Reports on water test: satisfactory.	758
		1912	
58005 1/3	Reserve Tor.Div	TBDS Bailey, Biddle, Bagley, Barney, reports readiness for sea. Work is to be home yd based at Annapolis for exercise.	496
		1913	
✓ 162957 8/9	Dept	1915 To be used for instruction purposes in inland waters only.	



1918

BAILEY: ELIC FLATT: GEN.

[illegible]

BAILEY: INT.COM.SYSTEMS.

1914

Number.	Date.	From or To—	Subject.
126356	6/3	To N. Acad. To CO via N. Acad.	By desires instruments purchased on schedule 5507 be issued to.L
250747	9/22	New York	Reqt authority to install fire alarm and general alarm systems.L
251427	9/22 9/26	NY Ordn	1917 Reqt authority to install fire control and general alarm system - L 2nd C&R- Recommends that 3" voice tubes be install To 3rd Dist- Auth to install granted. 10-5 10-5 RB-10/10.
257654	10/15 10/30	CO C&R	Reqt additional voice tubes.L 2nd C&R- 11-6
297008	4-2 -10	CO Ordnance	Visual range and deflection indicators - reports on understanding regarding number to be furnished. L
341124	10-4	C O ARKANSAS	

BAILEY: LIGHT & POWERS

1912

Number.	Date.	From or To—	Subject.
72254	6-20 6-22	CO Norf 3617-337	Rewind spare armature gen set. L
84046	11/20 11/26	G.D. Norf. 3242-337	Reqt new 5 Kw gen. set. L Fwd Dept. Not recommended. 12/4. R B 12-7 To Norf. disappd. 12/9.
1913			
209138	12-18	A. REINA MERCEDES	Vessel has Ardais set not on list; request instructions re removal. L To--Instrns. 1/8
248492	9-8	CO	Fwds requisition for lamps; breakage caused by vibrating oil at sea. L
256490	10/22	CO	Reqt authority to turn certain electrical apparatus in store - L Fwd S&A. 10-27
262980	11/7	CO	Request flash light batteries - fwds requisition - L
Fwd Dept. 12-8 R B 12/13 To NY- eqt disappd in view of fact that Dept auth install 5-kw 125 volt recip generator set. 12-18			Reqt further information re breaking down of generator set. 11-26 R B 12/6 NY-submits estimate. 1/11. L To NY- 1-23

124 - 6 PULLY: NEW 10:

Number.	Date.	From or To—	Subject.
295046	4-6	To NY	Radio apparatus for - Auth removal of the gas on the driven radio transmitting set and the installation of the 1/2 kw type. The gas on the driven set should be turned in to the NY yard. W NY - fws - 4/20
7 322247	6/27	C&R	C&R of telegram to 3rd Dist authorizing installation of white balloons, towing winch and alterations on - W 3-5-15 on towing winch. W NY, 7-12 RB 7-23 Fwd Dept. 7-25 RB 7-31 Fwd C&R 8-3

BAILEY: WIRELESS TELEGRAPH SYSTEM.

Number.	Date.	From or To—	Subject.	
54410	11/24	To S&A	Recd shipment from Exp.Sta. to NY Yd., of one switchboard and condenser. W	
56504	12/19	To Nav.	TESTS: recd assignment of sounding machine (Lord Kelvin #3409) to. for use in kite experiments.	903
56619	12/19	To Nav.Acad.	TESTS: instruct STRINGHAM or BAILEY when on tests listen for SS Madison and note greatest distance of signal rec'd	903
57494	1/2	To Academy	TESTS: Bureau desires tests from time to time between naval wireless laboratory at Bureau of Standards, Academy & Stringham & Bailey	903
44272	1/9	To N.Acad.	1912 Oscillation transformer; directs change from direct coupled.	914
61027	2/9	C.O.	TEST: experimental work, recd 4 additional inductance coils for use with FE33CINDER 2 kw set.	903
61316	2/15	To Wash	Bu. regn 188: pyron detectors. two invoiced to Bailey & Stringham.	898

BAILEY 124-6

Number.	Date.	From or To—	Subject.	
68581	5/10	C.O.	States experiments have shown sounding wire may be used as emergency aerial with satisfactory results.	875
✓ 69906	5-27	CO	Reqt. transformer furnished by Lowenstein be exchanged. To F. Lowenstein. Rel to exchanging. 5/31. To --- advised of action. 5/31.	
✓ 72286	6-27	Lowenstein, F.	Transformer: agrees to exchange; reqt. be not forwarded at present time. To Res Torp. Flc. fwds copy of letter, 6/28. 1913	
103009	8/4	Bailey	Submits list of apparatus on board not on charge used during recent test, reqt instructions re disposition.	903
124658	1/8	CO WORDEN	Reqt to be fitted with mast now on BAILEY for radio purposes	487-6
124801	5/12	CO WORDEN	Remove radio set now on board and replace with set now on the BAILEY	487-6
128103	6/16	WORDEN	Requests shipment to Chaan of radio set removed from BAILEY	487-6
144417	1/11	WORDEN	Reports installation transmitting set ex-BAILEY	487-6

Number.	Date.	From or To--	Subject.	
✓ 41600	6/16 6/19	C.O. Nav. Acad.	Further report of wireless tests. W	
✓ 41618	6/19 6/20	C.O. (W) Dept	& STRINGHAM: available for making test mentioned in letter of 17th. W Directs send antenna resistance measurements after reporting of Chf. Elec. Section. 6/21	
✓ 42670	6/22	Norfolk	Reqt. galvanometer for wireless turned in by Dr. Austin be invoiced to vessel. W Edw. Wash. C.O. Asks re invoice. 7/7. RB 7 Ref to S&A for action. 7/12. RB 7:17 Edw. Washn. Directs invoice to S&A. 7/25.	
✓ 42829	7/3	TO NY & S&A	Reqt. shipment by express of wireless receiving set to Bu. Standards for test. W	
41953	6/30	BAILEY	TESTS: States took part in wireless test and Mr. Clark will submit report.	903
✓ 44284	7/22	TO S&A	& STRINGHAM: reqt. shipment of wavemeters to Naval Academy. N	
44641	7/27	To S&A & NY	ATTORNEY: directs shipment of sets on acct. 2674. Nat. Elec. for:	376
J 45241	8/1	C.O.	Reports ready to send wave lengths of 600 meters. W	
45737	8/8	To Academy	TESTS: Bureau's expert will visit STRINGHAM & Bailey Aug. 9. in connection with	903

BAILEY 124--6

Number.	Date.	From or To	Subject.	
46305	8/15	To Exp. Sta	TESTS: directs between Stringham &: under rules laid down for Autumn practice directs reqn. be submitted for kites, addi- tional wire, & suggests use of balloons	903
46468	8/14	C.O.	TESTS: weekly report of experiments.	903
47546	8/29	Bailey	Sate are constructing reel for kite for test.	903
✓ 48003	9/6	Exp.Sta 1445	BAILEY & STRINGHAM: Reports receipt of trans- mitting set; understood to be installed by ships force.W. not complete until gals and trans- formers are received. Proceed with work 9/8	
✓ 53433	11/13	NY T	& STRINGHAM: wireless set due Nov.14: installation requires 2 days. W Dept. must installation be completed. 11/14: R. 11/14	
✓ 53432	11/13	To NY T	& STRINGHAM: Request time required complete installation turbo generator quenched gap wireless set.W	
53672	11/15	NY T	& STRINGHAM: wireless installation will take 6 days; being proceeded with. W Fwd C&R. Noted. 11/16.	
✓ 54130	11/21 11/21	NY Dept 9812-92	Exciter arm tire for wireless generator burned out; will take 2 days to replace; Dept. directs both BAILEY & STRINGHAM remain at NY until work is completed and then proceed to Annapolis.W	

FILE No.	From or To-- (Dated)	Subject.	
✓ 36979 4/25	C.O. W	Has condenser tubes; STRINGHAM also. W (17) to T. Acad. as 3 1" cond. tubes recd. 4/24.	
✓ 37040 4/25b	TO Nav. Acad	& STRINGHAM: Directs wireless test between also delivery of wavemeters for use during same. W.	
✓ 37952 5/5	Dept	Fwds copy of message to W. r. Stations directing to keep out until BAILEY & STRINGHAM complete tests. W	
✓ 39739 5/25 5/26	C.O. Nav. Acad.	& STRINGHAM: Fwds description of wireless set and results of test. W	
39925 5/26	C.O.	Fwds report on wireless tests. W	
40900 6/10	Wireless Spec. Appd Co	GEN. SETS: Reports shipment of special jar rack for 10 jars for used on Board STRINGHAM & BAILEY: W. quotes price, etc	882-1
J 41468 5/16 6/17	C.O. Nav. Acad	& STRINGHAM; reports on wireless tests. W	
J 41448 6/17	TO Exp. Sta.	& STRINGHAM: Reqt test in order to ascertain aerial resistance with the vessel anchored in open water and land-locked. W	



BAILEY: WIRELESS TELEGRAPH SYSTEM

FILE No.	From or To— (Dated)	Subject.	
✓ 32623 2/28	Norfolk W	Reqt. authority to substitute wooden for steel wireless house. Recd. C. I. 3/4/11. R.B. Ref. Dept. via Ord. Record. 3/4/11. R.B. 3/11 appd. Ret C. I. 3/13	
32603 2/28	C.O.	STRINGHAM & reqt Leyden jars for To S&A reqt shipment. 2/28	418--6
✓ 32794 3/1	C.O.	Reqt. hot wire ammeters for wireless. To S. & A. reqt shipment 3/4/11. N.Y. Ship 3/4/11 To Norfolk. Shpt recd. 3/4/11.	
33105 3/3	C.O.	& STRINGHAM: reqt hot wire ammeter & resistance box	418--6
34017 3/17	Nav. Academy	& STRINGHAM: no knowledge of dial resistance boxes being forwarded from Bu. Standards.	418--6
✓ 34772 3/21	NY Yd GSK 9806	Poulsen wireless telegraph set: hot wire ammeter for; states forwarded to Norfolk prior to receipt of Bureau's letter directing no part of be disposed of; asks if same shall be returned and new ammeter purchased. Ret -- Should not be ret. - new one need not be purchased. 4/11.	
✓ 35643 4/7	Nav. Acad W	& STRINGHAM: no dial resistance boxes on hand. Y	
✓ 35723 4/7	TO Nav. Acad	& STRINGHAM: Asks if any more dial resistance boxes on hand. Y	
✓ 35734 4/8	TO S&A, NY Yd	& STRINGHAM: reqt. shipment of wireless apparatus of ammeters and wavemeters.	
✓ 35889 4/11	TO Nav. Acad & CO	Forw. copy of reqn. for D. Arsonval galvanometer. W	
36253 4/15	To Norfolk.	STRINGHAM: reqt date of completion of work	418--6
36259 4/15	Norfolk.	& STRINGHAM: - S - completed B 4/21 W.	418--6



FILE No.	From or To— (Dated)	Subject.	
✓ 29002 1/12	C.O.	Reports status of: states deck insulator on STRINGHAM broke down	
29276 1/17	TO S&A & Norf	AND STRINGHAM: shipment of articles for w.t. outfit from Norf. to New York	
29494 1/15	C.O.	Interference - reports during trial	903
✓ 29868 1/23	C.O.	Recommends certain changes in wireless room and position of after. Est. To Norf. reget sketch of wireless rooms and masts. Est. for sendg & recvg sta. on deck 1/25.	
✓ 29944 1-25	To Norf.	& STRINGHAM: request for report on 600 meter test conducted. R.B.2/11	
✓ 30503 1/30	C.O.	Asks if any further W.T. tests are to be made W To -- present W.T. set to be installed in new wireless room 2/10.	
✓ 30698 2/1	Nav. Academy	AND STRINGHAM: fwrds report of results of wireless tests conducted between 1/13-21. W	
✓ 31124 1/30	Norf.	AND STRINGHAM: changes in wireless installation: submits prints. W Fwd Dept via C&R Rec. appx 2/9. R.B. appx 2/20 (2) to Norf. Auth. 2/20. Fwd C&R. to Norf. appx 2/21.	
✓ 31298 2/7	Norf. 794	AND STRINGHAM: reports part of wireless installation received; recd. instrns. W	
✓ 31709 2/14	C.O.	Recommends dimensions of wireless room be increased. W Fwd Dept via C&R Recommendations 2/16. R.B.3/2 Rec. Norf. 1/3 R.B.3/15.	



BAILEY: MACHY P: ANT.

Number.	Date.	From or To—	Subject.	
387682	1/21	Dept	Copy of letter to CO directing prepare complete lists of repairs necessary in connection with plain vessel out of recommission - 4 to 3rd Dist. Repts trans all outstanding orders to Phila 2-5, copy to CO Phila commit Operations and Ind Lgr NY	
402489	3:1	CO	Monthly report of alterations and repairs	Y
> 419482	5-14 5-14	Phil C&Rp	Submits report of board of investigation Fwd Operations via Ord-Navgn. 5-17	Y
447826	10/24/17	BO	Reports on condition.	
455272	10/10	Bd I&S	Report of material inspection held 10/25/18	Y

BAILEY: MACHY PLANT.

Number.	Date.	From or To—	Subject.	
214490	2-6 2-12	CO C&R	Report of new CO.Y Fwd Dept--2/13	
216635	3-3	CO	Request repairs to feed pump; extension rod main stop valve.Y	
230756	5/28	Dept	May 28th date of completion Y	
265855	12/5	CO	Submits report on condition of machy to C&R. Notes from CO's letter Dec 5th. Y	12-10
272476	1/8	CO	Engineer officers monthly report - fws - Y	
308204	none	none	submits list of completed items of work on	

BAILEY : MACHY PLANT 124 --8

Number.	Date.	From or To--	Subject.	
342215	8-29	To Bd Inspce and Sur	vey - encloses correspondence in re to inspection of Ship - Y To Bd of Ins this info re inspection 1-24	
356269	7:15	3rd Dist.	Rep. on condition of machinery Y	
357253	9/7	CO	Fwds report on condition of - Y	
359249	7/31	--	Report on condition of main engines- boilers- etc - Y	
365995	10-25	Board of Insp.	Material inspection - fwds report To 3rd N.Y Dist., 11-7 inspection held. 11-7	
370437	11-19	Dept.	C.T.B.#8 - Directs necessary repairs - no alterations	Y

BAILEY: MACHINERY PLANT: CTRRY.

1912

Number.	Date.	From or To—	Subject.	
76504	8/12 8/22	CC Dept.	Reports on condition of vessel and work undertaken including wireless test. Y	
1913				
✓ 99898	6-19	CO	Alterations; reducing valve, feed pump, new feed water heater, refit engine cylinders. Y CO reqt. action 7-8 Fwd Norf. for rec and estimates 7/31. EX 8-10 To Norf. -- Fwd Dept. with rec. 8/23. BL 8-28 To Norf. disappd 8/29	
99838	6/18	Dept	& BIDDLE: available for repairs, Norf.	136--8
100243	6/24	Dept	& BABLEY: gives new dates for completion	123--8
✓ 102844	7-31	CO	Submits list of alterations reqt. June 18. Y	
✓ 106367	9-23	Norf	Feed water heater; none suitable at east coast yards. Y	
✓ 112772	12-11	Reserve Torp Div	Reqd permission to send to Norf for repairs. Y Fwd Dept via C&R. with rec. 12/16.	
✓ 113642	12-27	Dept	4812-113 Ordered to Norf for repairs. Y	

1015

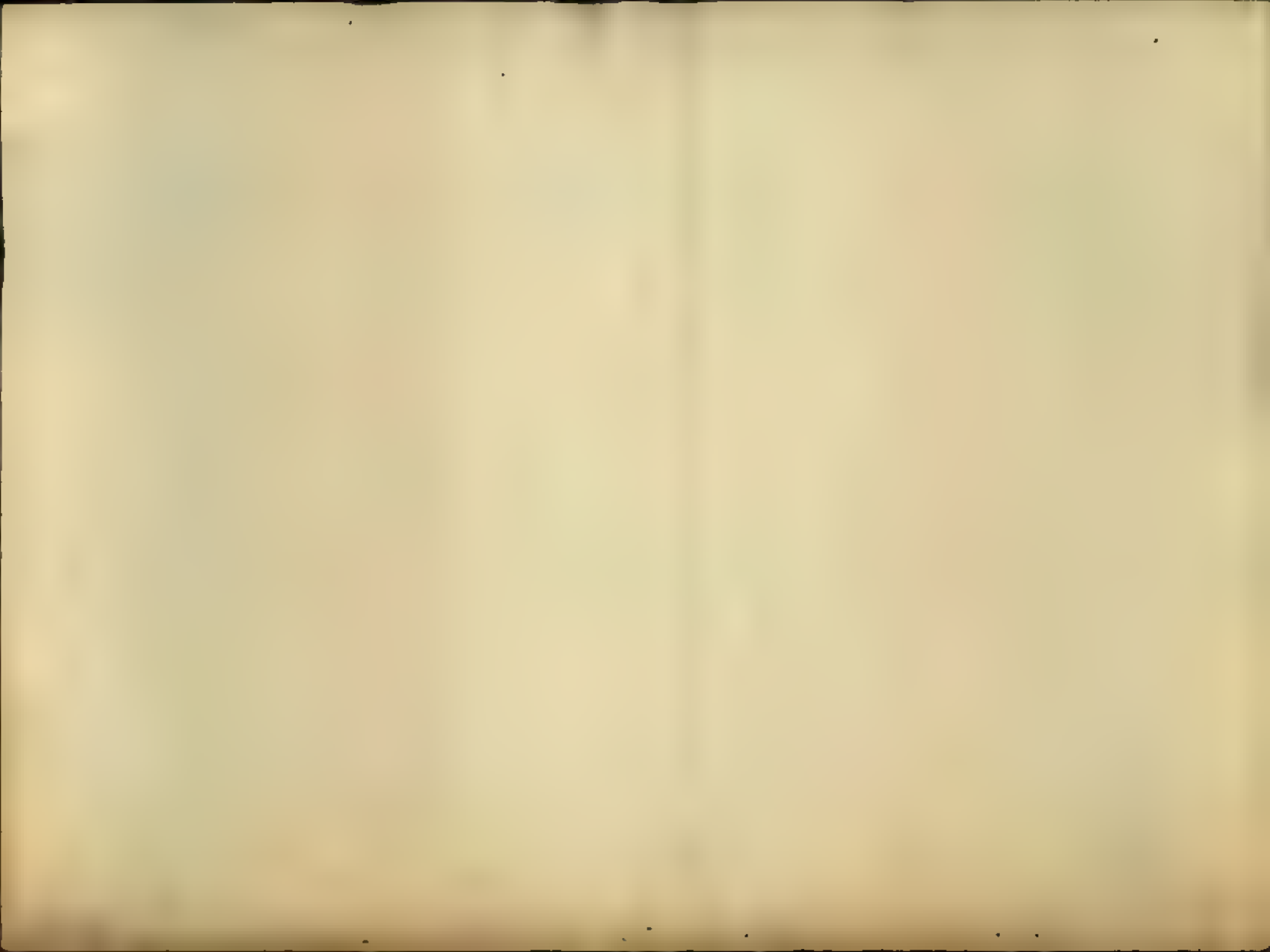
1913

BAILEY: MACHY PLANT. 124-8

Number.	Date.	From or To—	Subject.
✓ 158423	6-19	Dept	Repair limit July 1. Y
158835	6-24	Dept	Extends date of completion July 18
✓ 176160	1-13	Dept	4 BIDDLE: directs material inspection Nav Acad Y To Bd I&S—Fwds repair papers. 1/15 Bd I&S returns corres 4-20
176731	1-18	Reserve Torp Flg	Report of fleet board inspection and survey Y
183220	3-23	Bd I&S	Material inspection: fwds report Y To Dept—Recommendations 5/17 RB 5/20 To Norf—Gives action. 5/20
✓ 196363	8/4 8/11	Nav Acad Dept Fwd Nav Acad 8/26	4 BIDDLE: sent to Norf for repairs Aug. 15th. Y Fwd Dept via C&P—Comments on 8/13 To Norf—Asks if work can be completed by Sept. 20. 8/15 Norf outlines proposed procedure 8-19 Fwd Dept recommendations 8/21 RB 8/25 TO Norf (T) Appvd 8-24 Military inspection: fwds report. Y Retd—Noted. 8/14
196390	7/27	Dept	
197515	8-22	Dept	Repair limit Sept 15. Y.
213409	2-1	CO	Request repairs to No 3 boiler, blower engine, furnace doors, stack, air compressor, I-C circuits. Y

BAILEY: MACHINERY PLANT: GENERAL:

FILE No.	From or To (Dated)	Subject	
✓ 30176 1/26 1/27	Norf. C&R 10826-E.70	AND STRINGHAM: authorizes docking ahead of DUBOISE. Fwd Dept 1-28.	
		1912	
61875 2-21	Bd. I&S 440	Reqt. repair papers. Y To ---layers. Fwd. 2/24. returns. 3-2	
61150 2/25 61848 2/21	Dept	& Bagley: directs survey at Academy	123--8
62561 2-29	Bd. I&S 499	Inspection; report of; fwda. Y	
✓ 65343 3-20	Norf 1907-1057	Repairs incidental to C&R work. Y To ---apd. 4/27. Fwd C&R. 4/27.	
65417 4/1	Norf.	& BIDDLE. If condition will warrant deferring repairs until after July 1st	130--8
✓ 71542 6-15 6-17	CO Norf 3122-335	Overhaul spare armature and steam line to blower. Y	
✓ 72253 6-21 6-24	CO Norf 3122-337	Repair gen. sets and ash pans. Y	
74151 7/16	Norf.	BARNEY & BIDDLE: Re dates of completion of repairs. Y Fwd Dept. via Ord. Noted. 7/25.	



[illegible]

124 -- 9

BAILEY: MAIN ENGINES: CYLINDERS: ETC.

1 ✓

FILE No.	From or To— (Dated)	Subject	
35019 3/21 3/29	C.O. Norf 1844-2596	Re-babbitt and re-fit reversing gear. Y	
✓ 35546 Norf	Norf 1962	Submits increased estimate for repairing reversing gear, port engine. Y.	
36939 4/19	Bailey	PACKING: france: metallic: states does not fit engines. Company have agreed to make over.	693
✓ 37398 4/27	Norf 2472	Main engine relief and by-pass; reqt. b/p. D To -- print fwd. 5/3.	
39929 5/29	Norf 3114	Piston: reqt. prints. D To -- print fwd. 6/1.	
		1912	
		1913	
✓ 104615 8-29	Norf R	Throttle valves unsatis: need new seats: reqt. extension 8 working days. Y (H) To- Norf- time extended 8/29 Fwd Dept. 8/29 RE 9-3	
✓ 105655 9-11	CO	Main engine throttle valves: reqt. new design be installed. Y Fwd Norf for comment 9-17 RB 10 9 Fwd Dept. rec appr 10/14 RB 10 10 To Norf appvd 10-16	



BAILEY: BOILERS.

1015

Number.	Date.	From or To--	Subject.
159068	6-26	Norf	Tube ends of boilers not belled; reqt instructions re. bellying. To--Auth bellying of tube ends. 5/29
160861	7-16	Norf	Reports on repairs to boilers completed July 16 Fwd Ord-- For matters under its cog. 7/19 RB 7/31
162085	7/29	Norf	BAILEY; reports on test boiler during #3. Orig thru Dept 7/30
162639	8/4	Norf	No. 3 boiler; reports on second test; shows improvement, but not satisfactory. Fwd Dept--Recommendations. 8/6 8/10 To Norf--Gives action on. 8/10
202739	10/17	Norf	# 3 boiler; retubing of; recommends that not be commenced until after Jan., 1917. Fwd Dept--10/19
229128	5/16	NY	Fwds report on condition of boilers 1, 2 & 3 D
259460	11/10	NY	Request print showing arrangement and detail of boiler tubes - D
259906	11-10	Phone NY	Boiler tubes. Lists boiler tubes required by yard for retubing boilers of. Y

BAILEY: BOILERS. 124 - 10

Number.	Date.	From or To—	Subject.
262602	11/12	NY	Re boiler - retubing of; number of tubes to be - Y Re Dept. and NY-11-16 R N 11/22 to - Fwd copy of Dept's 2nd end. 11-23 Norfolk (T) tubes shipped NY on the 24th. Phone - Bureau stated that had recommended to Supply Dept re disposition of tubes - 1-5 Dept that boiler be removed. 12-22 to SFA-Reqd shipt boiler tubes from Chasn to NY. 12-26 To - eqts report receipt of tubes listed shipped from Chasn. 1-11
270270	12-29	Chasn T	Phone H- 12-24 to SFA-Reqd shipt boiler tubes from Chasn to NY. 12-26 to Chasn (T) - Directs prepare for shipt tubes. 12-31 States boiler tubes are 9' long instead of 16'. Y
334825	8-5	CO	Request that reciprocating blowers be replaced with turbine type - D To CO installation not approved. 8-17
342091	8/26	NY	To West. l.s. of cylinder and crank shaft of 1-1000 NY Cert. 25 Request vandyke showing detail. To Norfolk. Fwd vandyke prints of plans 11 Feb 9-28 to Norfolk. 9:30 AM 10:5 to Norfolk. Request above drawings 11 Feb NY 12-7

124 -- 10

BAILEY: BOILERS: ETC

FILE No.	From or To-- (Dated)	Subject
✓ 31224 2/6	C.O.	Reports present automatic installation of ash p n doors unsatisfactory: rect. be removed. Y To -- Removal auth. 2/9.
. 65230 4-2	CO	1912 Reqt. auth rity to change leads boiler fire extinguisher. D Fwd C.R. 30 considers change advisable. 4/4. RB 4-13 To---appd. 4/13.
74721 7/30 7/30	CO Norf.	Repairs to blower exhaust pipe. Y 1913
106367 9/28	Norf.	Feed water heater. none suitable at east coast yards 1915
✓ 157986 6-14	CO	Reqt repairs to No 3 boiler. Y
✓ 158284 6-17	Dept	Report of board on investigation of burking of boiler tube. Y Retd--Comments on 6/18 RB 6/30 Fwd Dept--Noted. 7/1
158870 6-23	Norf	Estimate for boiler repairs. Y To---(R) Appvd. 6/25

124--8



BAILEY: AUXILIARY MACHINERY.

1912

Number,	Date.	From or To—	Subject.	
No #	11/6	To Naval Acad.	Survey 30: power boat: request type and number of engine, etc. Y	
✓ No #	11/14	To N. Acad.	Survey 30: gasoline engine 3142: reqn should be made for new cylinder: Y	
			1913	
102039	7/22	C&R	Motor dory 923 now on.	611-2
104145	8/20	Norf.	Reports issue of gasoline engine 2166 to motor dory 923	611--2
No #	10/10	To Norf.	Survey 49: disapproves turning Atlantic Engine #3142 into store. Y	
224506	4-24	Fwd To	Directs submit log sheet on boats	611-1
285620	2-25	CO	Anchor engine request repairs. Y wd C&R 3-2	

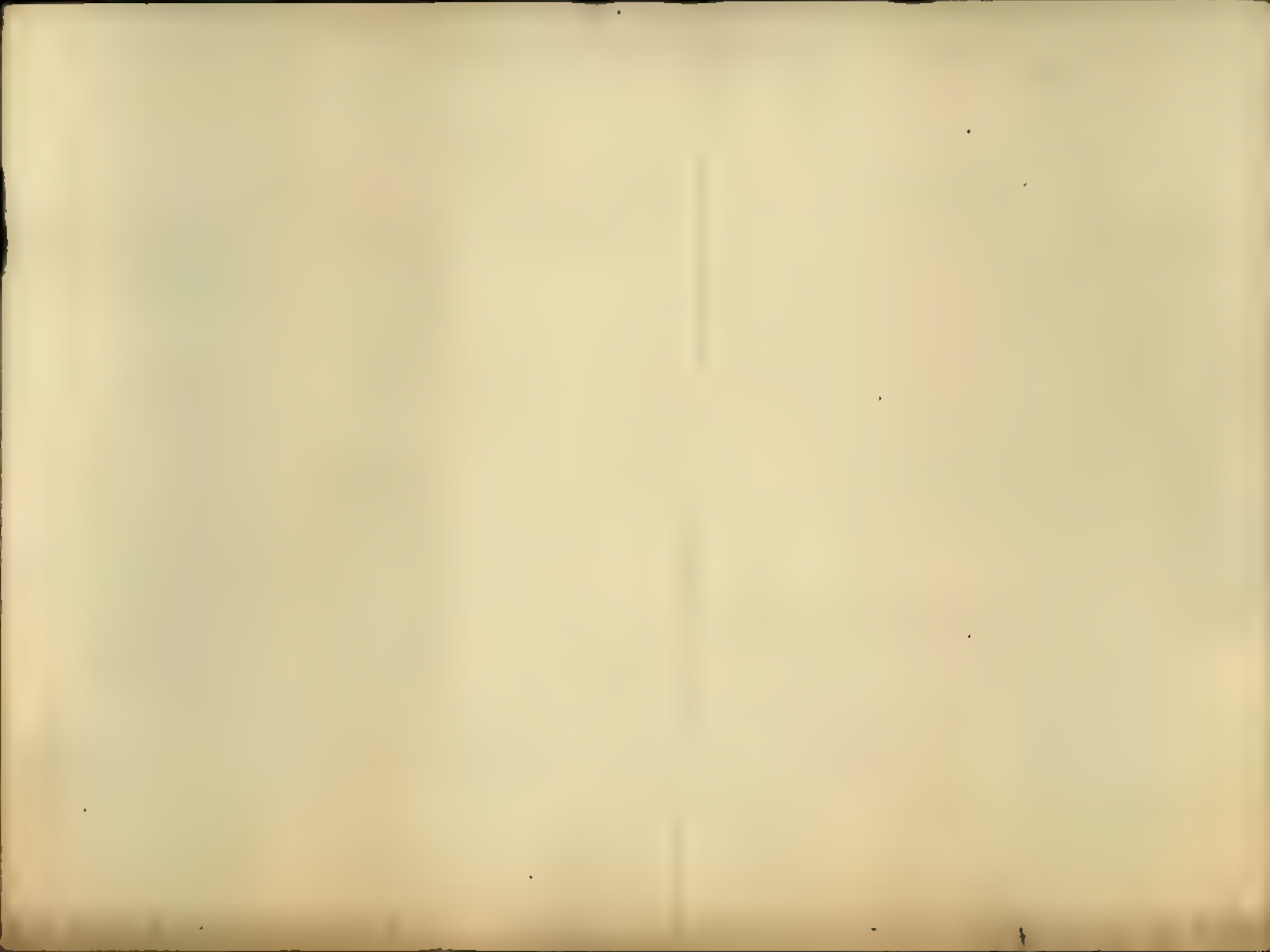
BAILEY: HEATING VENTILATION: & REFRIGERATION SYSTEMS.

FILE No.	From or To— (Dated)	Subject.
✓ 36300 4/4 4/13	C.O. Norf 2181-3149	Install new steam heaters in officers quarters.Y Fwd CIR 4/18. ~~BB 4-20~~ app'd Ret Norf. 4/26. ~~BB 5-4~~
✓ 51962 10/19 10/19	C.O. Norf 5643-8701	Reqd. installation of heater in wireless room.Y 1912 1913



BAILEY: PIPING SYSTEMS:

FILE No.	From or To— (Dated)	Subject
✓ 30049 1/24	C.O.	Reqt. authority to remove piping from discharge side of aux. pumps in fire rooms to bottom and service blow line: not necessary. To -- apprd 1/30.
35792 4/4 4/6	C.O. Nort 2036-2989	Braze piping. Y
72412 6-24 6-27	CO Nort 3273-327	1912 Repair suction piping. Y
251100 9/28	CO	1911 1913 Request permission to connect one of the main feed pumps to sea suction for cooling surfaces of distillers - Y Fwd- 10-4 To NX- Alteration auth. 10-20 Copy to CO



BAILEY: PUMPS.

Number.	Date.	From or To	Subject.
170292	11-1	CO	Repairs to main feed pump. Y Duplicate 11/1 Fwd Norf-- 11/8 RB 12/9 To Via Nav Acad--Repair request should be sent to Norf. 11/8 Fwd CO--Subrit recn for new water end. 12/10 RB 12/22 Fwd NY--12/22 RB 1/3
			1917
264523	10/1 12/1	CO C&R	Flushing system - request running water e install- ed - Y To NY-Regt inform what size pump is necessary. 12-4 Fwd C&R-12-4 C&R-12/7 NY 12/13 - Y Phone NY- 12-26 to S&A-ect sh. t One Blake Duplex pump. from Phila to NY. 12-26 Phone NY-12-26 To NY- Supply Officer NY 1-26

BAILEY: PROPELLERS; SHAFTEING; ETC.

Number.	Date.	From or To—	Subject.
52199	10/24 10/26	C.O. Norf 5774-8865	Main shaft coupling: make bolts. Y
			1912
72236	6-25 6-26	No f Dept 312-337	Repair stern tube. Y Ret Norf. Asks when work can be next undertaken, and material necessa- ry. 6/27. RB 7 12
75466	7/15 8/9 8/10	CO C&R 12361-E.140 Dept. 9812-98	Stern tubes: asks if condition of other machinery warrants renewing. Y Ret. Dept. condition of other mach. warrants. 8/13 RB 8-18 Ret C&R. 8/20.
			1913
256793	10/23	Ed I & S	Fwd's quarterly inspection of hull - Y Fwd C&R- 10-27 to NY- in case new propellers are needed you are informed that there are at the Norf 1d one starboard and one port and communicate with bureau and they will be ordered shipped. 10-27 CO--10/30. NY--10/31.Y

BAILEY: PROPELLERS: SHAFTING: ETC.

11913

1917

Number.	Date.	From or To--	Subject.	
✓ 270380	12/24 12/29	CO NY	Repairs to main shaft and propellers - Y To NY Directs that there be no replacements of 2nd plates at this time. 1-5	
272442	1-10	To Norf	Issue of spare propeller. Reqs further information as to where were shipped, and for what purpose. If they were to be installed instructions will be issued for repairs to the old propellers. Y Norf - 1-22 To re is report receipt of two spare propellers for the Bailey shipped to NY Dec. 24th. 1-25	
410094	4:9	Norf.	Reports on checking of propeller pitch	Y

BAILEY: VALVES: GENERAL:

Number.	Date.	From or To—	Subject.	
37632	4/22 4/29	C.O. Norf 2523-3519	Reqt. repairs to H.P. relief valve. To Norf. appr'd E/S.	
			1912	
			1913	
99898	6/16	C.O.	Alterations, reducing valve, feed pump, new feed water heater, refit engine cylinder	124--8
104615	8/29	Norf. R	Throttle valves unsatis.	124--9
119629	3/9	Norf.	Main engine throttle valves; submits print of modified.	124-9

BAILEY: ALLOWANCE.

Number.	Date.	From or To—	Subject.	
123273	4/13	Res Torp Div	Recommends full money allotment be allowed while in ordinary	123-21
154830	5-6	S&A	1815 A BARNEY BIDDLE: reqt full money allotment while on Nav Mil duty R Retd via Ord-Nav-- Concur in. 5/13	
197123	8-15	Nav Acad	1915 Request authority to transfer certain stores from title A to B. R Ref. S&A 8-22	
204009	10/31	To CO	Add flexible copper steam hose to SE allow. R	
230362	5/25	CO	1917 Request allowance book R To--Fwds allow. 5/29 To Norf--Fwds allow. 5/29	
244329	8/20	To CO	Fwds allow. RL To Norf--Fwds allow. 8/21	

BAILEY: ALLOWANCE. 124 - 21

Number.	Date.	From or To.	Subject.
259383	10/30	CO	Electric allowance - request change in
	11/6	LY	ma note - A
		ANY	To- Heat appvd. 11-15
277644	1/10	CO	Request amendment to allowance list - R
			To- Gives changes. 2-5

124 -- 23

BAILEY: AIR COMPRESSOR.

1915

Number.	Date.	From or To—	Subject.
158303	6-17	CO	Overhaul. Y Fwd No. 1-- 6/18 R ^B 7/3
365311	11-1	CO	Repairs to air compressors 11-- Rep. hrs. for air compressors, 11-7

[illegible]

BAILEY: GAGES & INSTRUMENTS.

Number,	Date.	From or To--	Subject.
262619	11/22	CO	1917 Asks how many steam gages are allowed - D o- Lists steam gages auth to turn into store. 11-30
289101	3/6 3/12	CO NY	1918 Install new tacometers - Y and Dept. 3-15 o NY- eqts dis. rvd. 3-20

[illegible]

BAILEY: RECORD OF WORK.

Number.	Date.	From or To -	Subject.
427563	6/1	NY	Record of work 6/2/17 to 6/28/17 - Y
438282	8/1	3rd Dist	Month of April - Y
452189	10-1	Marine Basin	Month of July - Y
476368	2;16	3rd Dis	Month ending October 31st. Y
479324	3;1	3rd Dis	Month ending November 30th Y
621513	4/1	1922 CO	Quarter ending 3/31/22. Y

BAILEY; RECORD OF WORK.

Number.	Date.	From or To	Subject.
374455	6-1	Third Dist.	Month ending May 31 Y
380544	7-1	Marine Basin	Reports of work for June Y
380543	12;1	Phila	Monthly reports of work Y
382076	9;1	T&L DD Co.	Monthly report for July Y
384987	9-1;18	Marine Basin	Monthly report for Aug. Y

1919

BAILEY: RECORD OF WORK. 124 - 25

Number.	Date.	From or To—	Subject.
✓ 392927	1/1	3rd Dist	Month ending 10/31/18 - Y
✓ 391506	10/1	3rd Dist	Month ending 9/30 - Y
✓ 402411	???	Submarine Base	Month of Nov. Y
✓ 403070	3;1	Marine Basin	Record of work for Nov. 1918 Y
414311	4-15	N Y	9-3-17 to 3-25-18 -- Y
✓ 426940	6;1	3rd dist.	Month Feb Y
✓ 433268	4/1	CO	Report for March. Y.
450528	10-1	3rd Dist.	Quarter ending 6/30. Y

BAILEY: RECORD OF WORK.

1913

Number.	Date.	From or To--	Subject.
108638	10-26	Norf	June 19th Sept 18. Y
			1914
122710	4-15	Norf	Sept 18 to Mch 22.Y
			1915
157777	6-10	Norf	Mch 22 to Mch 14, 1915
			1916
176287	1-14	Nrf	Mch 14 to Aug 17.
			1917
✓ 230655	5/28	Norf	9/17/16 to 5/10/17 Y
✓ 231841	6/1	NY	May 12 to May 31 Y
✓ 231958	6/1	Norf	Sept 16/16 to May 10/17 Y
✓ 231958	7/6		June 2nd to June 28th Y

BAILY: RECORD OF WORK. 1918 - 1919

Number.	Date.	From or To--	Subject.
248599	1/10	NY	Ad. 1 to 10 to 1st - Y
✓ 269205	12/5	CO	Fwd list of repairs made by crew - Y
			12/8
294414	3/26	NY	9/3/17 to 3/25/18 - Y
306662	5-1	NY	5-25 to 5-1.
✓ 312549	1-1	NY	5-12-17 to 5-21-17
333063	8-1	3rd Dist	Week ending 7-27
333064	8-1	3rd Dist	Week ending 7-20

BIRMINGHAM: TRIALS. ETC

1216

Number.	Date.	From or To	Subject.	
192575	6-23	CO	Full power trial; fwds report.F Fwd Dept— 7/7	
224779	4/22	US	Request blue prints on standardization trial-M To--Gives action taken.4/26	
433543	7-15	CO	Asks if advisable to adhere to steaming curves of Jan 1911 to Dec 1917.	M
492964	4-28	BIRMINGHAM	Standard fuel allowance; gives scales showing conditions of old and present operating conditions: F M Fwd Opera 5-15.	
520133	10-1	To Ingr Union (T)	Rece an in re designation of S 50 in place of S31 for full trials w th ver of a rface speed appd cc fd 162	

138--2

BIRMINGHAM: TRIALS, MOVEMENTS, etc

L1

Number.	Date.	From or To—	Subject.	
41963	6/23	Nav	& Penna: placed in reserve at Boston:	342--2
42774	7/3	Navgn	Placed in reserve Bost. 6/30. Y	
✓ 43032	7/7	Dept 28004-1-39	Emerg. competition trials. Y Ret -- Noted. 7/14.	
✓ 44759	7/27	TO Bowles, Rear Adm.	CRESTER: SALEM: Analysis performance; f. d. s. v	
✓ 55277	12/5	Dept.	Will be assigned to 5th division Atlantic Fleet when placed in full commission: NEW ORLEANS will leave Asiatic Station for U.S. Jan. 1st. O&Y	
55201	12/4	Nav	Ordered placed in commission	493
✓ 56398	12/16	Nav.	Placed in full commission Boston Dec. 15th. ANNAPOLIS placed out of commission Mare Island Dec. 16th. O&Y	
61699	2/20	Dept	1912 MAINE (old) assigns to attend ceremonies in connection with removal of wreck and bring back remains of men	274--A

BIRMINGHAM 138-2

Number.	Date.	From or To--	Subject.	
106708	9/29	Dept	Left Phila Oct. 1 for long cruise to Central & South American waters.	774
✓ 108565	10-15	CO	Reports on cruise with San Francisco Exp. Commissioners to Cuba, etc. Dept directs investigation of excessive coal consumption. M Fwd Dept. comments. 10/25 BB To---quotes Bu's comments to Dept. 10/25. Request report be submitted. 10/29. Ret Dept. 10/29.	
✓ 113244	11-25	CO	Makes special report on excessive fuel consumption. M Fwd Dept. 12/26 To---request similar report from Gov. 1st to date. 12/31.	
1914				
✓ 114093	1-3	CO	Data covering excessive coal consumption. M	
✓ 114457	12-27	CO	Reports on South American cruise; commends Engineer force. F Fwd Dept. 1/10.	
✓ 119087	2-21	CO	Oil and water consumption: reqt copy of old log books for checking up. M Fwd Phila. 12/31 in possession of C. K. 3/6 ref. Boston 3/16 Fwd CO--books not in Bu. nor Wash Id. Bu's. copies will be loaned if not found. 4/3	
137073	10-7	C&R	Curves of effective HP. D	

BIRMINGHAM: ELEC PLANT²

Number.	Date.	From or To—	Subject.
401360	2/18 3/10	CO C&R	Request change leads of elec. circuits on five inch guns - install soluting battery, etc - L Fwd Operations. 3-15 ~~pp~~ 3-21 To- Changing of leads disappvd. 3-27 copy to C&R and Ordnance.
491529	5-6	To C&R	Deck Winches - Quarterly report of elec Plant
517353	7/7	To MI	Fwds Annual Report of Elec Plant Data L
654447	12/18 12/20	CO Boston	Request auth to remove electrical matl listed from VIRGINIA for installation on L To Opers. Fwds cc corres 12/28

BIRMINGHAM: ELECTRIC PLANT.

1912

Number.	Date.	From or To--	Subject.
84286	11-20 12-2	CO Phila 345-334	Repair elec. telegraph transmitters and searchlight lamps. L. To Phila. appd. 12/9.
		1914	~~1913~~
126526	5/30	CO	Miscellaneous electrical repairs. L
✓ 126735	5/26	CO	Change location distribution panels fire-rooms; install 4 drop annunciators in fire-room. L To Bost. appd. 6/9.
126786	6/4	CO	Overhaul electric wiring. L
135030	9-21	FR	CO recd Record of Elec Appliances. L To-- 9/24 FR sent to Phila May 17, 1912; have SALEH in office. 9/29 To-- Send SALEH to BRIMINGHAM. 10/5 And CO-- 10/5 call it FR have forwarded to CO 10-7 FR and CO 10-15 30 copy retained old copy 11-20 call 127
150826	3-22	CO	Elec alterations. L To Bost-- recd est and rec. 3/29
152668	4-17	Bost	Estimate for installing double receptacle battle circuit, change lighting system, and install wattmeters for gen sets. L And Bost-- recommendations. 4/21 RB 4/23 To-- Gives action on. 4/23

13823

BIRMINGHAM: ELEC PLANT. 138-3

Number.	Date.	From or To	Subject.
✓ 168024	10-1	CO	Install spare panel for fire control switches for magazine lights, run battle circuit for stern light. Fwd Boat--For estimate 10/16 RB 11/13 To--Disal. vs alterations. 11/19 To Boat--Appvs recommendations 11/19
✓ 170.26	11-3	CO	Install new shaft revolution indicators and alterations to radio inductance, insulators, etc. Fwd Phila--For comment rec. 11/6 RB 11/26 To Boat--Work authorized. 11/27
183512	3-7	CO	Alterations; fire control telephone system; additional circuits for searchlight; run firing; replace solenoid contact boxes with standard receptacles, etc. To Boat--For est and rec. 4/3
✓ 312035	3/1	CO	To Boat authority to turn into store search light, blinker act, etc. To Boat--Grants auth. 5/9
400994	2:18 3:8	CO C&R	Submits recommendations relative to improvement of navigating bridge by installation of general alarm gongs installing switch and receptacles etc. Fwd Operations. 3-20

BIRMINGHAM: ELECTRIC PLANT.

FILE No.	From or To— (Dated)	Subject
✓ 33200 3/3	C.O.	Reqt. installation of submarine signal set, make changes in fire control: replace 60" searchlight by 36", and other elec. repairs. L Fwd Bost. for est. on certain items 3/9.
✓ 35254 3/3 4/1	C.O. C&R 22765-E-244	Est. for repairs to searchlights and wire from time firing device. L Fwd Dept via C&R Rec appr of nec. 4/5. RB 4-18 app'd. Fwd Bost. 4/22. RB 5-4
✓ 43088 7/3	Bost 4981	Reports estimates for sub. signals, searchlights, and fire control system. L Fwd Dept Rec appr. 7/13. RB 7-14a'ppd Ret -- 7/17. RB 7-24
✓ 67210 4/24	Phila.	1912 Requests electrical tracings. L Fwd Bost. for compliance. 4/29. RB 6-14
✓ 67399 4-22 4-27	Phila C&R 21611-E/25	Reqt. record of elec. appliances and aux. test requirements. L To Bost. reconst. fwd one copy to Phila. 5/1. Ret C&R advising. 5/1. No copy record on hand Bost. 5-4 To FR. Requests fwd to Phila. 5/14. To Phila. FR will furnish. 5/14.
✓ 72023 6/25	To Bost	SALEM: directs cancel Job Orders for installing electric steering gear and helm angle indicator system. L



Number.	Date.	From or To—	Subject.
✓ 654523	10/23 12/21	CO C&R	Reqs repair fire control voice tube system. L fwab C&R 12/29

[illegible]

BIRMINGHAM: INT COM SYST.

Number.	Date.	From or To--	Subject.
427914	5:12 6:25	CO C&R	Req. install voice pipe from bridge to radio room. Y Fwd C&R. 7-1 C&R 7/9- Copy of ltr to Boston re alterations on voice tubing. L
427929	6-12 6-23	Nav C&R	Installn of gyro compass equipment on auth. L Fwd Navgn. copy to Comdt Boston. 6-27 Fwd
428683	6-27	Phone Gunnery Officer	Broadside Director System. copy to Comdt Boston. L Installation of auth.
429075	6:27	C&R	Copy of tel. to Boston auth. installation of voice tubes L
431211	6/28 7/8	Boston C&R	& SALEM- Subm prints showing re-arrangement of fire control instruments and platform instruments. L. 308-4 C&R- fnds telegram from Boston asking when plans showing arrangement of fire control instruments may be expected. Fwd C&R 7/13

1919

138-4: BIRMINGHAM: INT COM SYST:

Number.	Date.	From or To—	Subject.
434021	7:16 7:19	CO Boston	Submits report covering boiler time firing firing device installed on L calling attention to defects in L Collection- If job order on time firing device has not been closed it should be transferred to Bare Island. 7-23 Boston-8:14
594323	8:12	CO	Submits request for install of Vickers broadside director system L Ord-rect Bureau comments on Vickers broadside director firing system-11:4-1 Fwd Opers via C&R cc Ord 11/16 RB 12/16 Y Fwd Ord 12/20
600			
601098	12/21	To C&A 9388	Reqt shipmt of parts from NY to SC MI L
652709	12/27	CO C&R 1922	Reqt alteration for range finder. Fwds C&R 12/16

BIRMINGHAM. INT COM SYS

1917

Number.	Date.	From or To—		Subject.	
✓ 213711	1-29 2-6	NY Ord		Location range finders.L FM CAR--COMBARS. 2/12	
✓ 216596	3/2 3/3	Phila CER	T	& CHESTER & SALEM: broadside fire control: request plans.L FM CAR--3/C To--Aids V.alyke of Torp Defense Salvo system for. 2/6	
✓ 223444	4/17	NY		Fire control - telephone unsatisfactory operation due to change in ships voltage from 12 to 20 volt system L To--Bu will supply phones recommended. 4/26	
✓ 225207	4/21 4/26	CO Ord		Alterations to fire control system.L To--4/30 To Post--Inatrms.6/2	
✓ 230076	5/13	Post	R	Request authority to turn in telephone switch gear and type boards To--(T)Grants auth. 5/14	
243569	8-11	Post		Fire control voice tubes; reports on inspection of.L	
249504	8/20	CO		Reports on status of fire control system.L	
270319	12-30	Sims	copy p	Recommends director installation for gun- boats BIRMINGHAM & CHESTER. L	647-1

BIRMINGHAM: INT: COM: SYS

Number.	Date.	From or To—	Subject.	
400160	3:3 3:21 4:12	CO CO CO	Change time of firing device. L To CO- Inform auth under which the boiler time firing device is being installed. 3-15 Fwd I.M. Norf. 4-1-copy RB-4;8-14 Boston 4/28-LY To S.O. Boston- ~~Request for boiler time firing~~ Impossible to reply to letters listed until receipt of information from Norf. 5-3 Fwd Comdt Boston. 3-29 copy to CO. R B 4/8 Fwd Comdt Boston- 4-14 copy to CO and CO SALT. 4-14. 33 3:3 To S.O. Next shift boiler time firing device from CO to NY. 4-15 To S.O. Next shift boiler time firing device from NY to Boston. 5-9 RB-9; 3 RB 8/25 L Boston 5-16-1 To S.O. Boston- Action to be taken on shipment order upon receipt of reply to Bureau 5th Ind. of 4-1st. copy to I.M. Norf. 4-21 Boston-boiler time firing device for ask what provisions will be made to furnish balance of material not yet shipped B&Y	
✓ 424765	6-12	To Boston (W)	Auth granted to install wiring for gyro compass. Use wiring diagram of set on installation. L	
✓ 425669	6-12	NAVIGATION	Copy ltr to Boston auth installation of gyro compass set on. L	
✓ 426105	6-17	C&R	Copy telegram to Boston auth work in conn w installation of gyro compass set. L	

BIRMINGHAM: INT.COM.SYS

1912

Number.	Date.	From or To--	Subject.
68529	4-19 5-7	CO Phila 345-140-6	Repairs to voice tubes, annunciators, etc. L To Phila. appd. 5/15.
1913			
86498	11-15 12-31	CO Phila 345-160	Install new elec. main engine revolution indicators. L. To Phila. appd. 1/6.
88477	1-18 1-24	Phila C&R 28251-E.5	Reports on improvement in voice tubes, caused by installation of nose-mouth pieces. L. Ret C&R. Larger tube desirable. 1/28.
92198	3-8 3-11	CO C&R 28257-E.5	Substitute 3" for 2" voice tubes between bridge and steering engine room. L. Ret C&R. 3/13.
1914			
126785	5/26	CO	Overhaul bell circuits. L
137565	10-20	Boat	Cummins engine log system: recommends existing main engine counter gear be removed. Y
1915			
152664	3-14 4-7	CO Boat 3517-35	Repair time firing device. L To Boat-- Appvs 4/20
152759	4/19	C&R	Alterations: fire control voice tube system. L To Via Ord-- Recommendations. 4/28 RB 5/20 Fwd C&R-- 5/24

BIRMINGHAM; INT COM SYS 138-4

13915

Number	Date	From or To--	Subject	
168452	10-12	CO	Reqd addition call bell, circuits, annunciators. To Bost--appd 10/18	
170426	11/8	CO	Install new shaft revolution indicators	138-3
183513	3-5	CO	Install elec in lieu of mechanical telegraphs in eng and firerooms. L Rwd Dept-- Rec disappv. 4/4 RB 4/7 To Bost-- Disappv. 4/7	
185818 VOID	4-22	Bost	Estimate	
185817	4-22	Bost	Estimate for fire control telephone work. L To-- Givns action on. 4/28	
✓ 198012	8-30	To Bost.	J.O. 3p28 for repairs on gun firing and sight lighting battery; cancel order; under Bu Ordnance. Y	
200661	9/30	To Bost.	Fire control systems. Type C fire control phones and wiring in poor condition. Advise repairs necessary. L To CO--Ask whether fire control voice tubes installed in accordance with plan. 9/30 CO reports on 10-4 Rwd C&R--Rec system as appvd be instal. 10/10 RB 10/31	
206241	11-20	Bost	Fire control telephones and salvo circuits; estimate. L	

FILE No.	From or To— (Dated)	Subject.	
33200 3/3	C.O.	reqt installation of fire control, etc.	138--3
✓ 34897 3/29	TO Boston	& SALEM; finished and elementary wiring plans of fire control system: reqt prints.L	
✓ 35425 4/3	Bost 252-2	Rwds print showing diagram of fire control telephone for salvo circuits. To -- Desiras estimates be prepared.5/6.	
✓ 39068 5/15	Bost 44-59	Fire control system: states not brought up to date and recommends changes.L. To -- Instructions.6/13. Rwd Dept via Ord and C&R. Recd auth. to undertake work at estimates given. Recd auth. for similar work for same. 6/13. To Bost. Work appd 7/12.	
✓ 39237 5/18	Bost 3696	Submits estimate for fire control work.L. Rwd Dept via Ord & C&R. Recd auth. to undertake work.6/13. R.B. appd 7/14.	
41215 6/14	C&R	& CHESTER: states instructions issued to re-installation of elec. steering gear and in- that indicators be relocated	156--4
43088 7/3	Bost	Reports estimates for submarine signals, searchlights, & fire control system	138--3
✓ 43203 7/7	Bost	Voice tube system: asks if to be overhauled at present time.L To -- Changes authorized.7/12.	
✓ 51655 10/14	C.O. Bost 7971	Gages: reqt. repairs VOID	
		—1912	



BIRMINGHAM: LIGHT & POWER

Number.	Date.	From or To—	Subject.
401844	3:11	Boston	CO req. rewire fire and engine rooms lighting circuits : submitt estimate L Fwd Operations. 3-21 RS 3:27 To - Auth only such work as is absolutely necessary/ 3-31 copy to CO.
421599	5/26	CO	Rest 36" schlight be converted into high power. L. To - Searchlights to be converted using conversion parts of the Arma Engineering Company. Not probable that parts will be delivered under 60 days. 6-2
422897	5-27 6-2	CO C&R	Rest relocated 2 36" searchlights - L Fwd C&R. 6-10
459383	11-24	To Comdt Mare Island	Generator Set - Fwds vandykes. L 1920
470199	12:29 1:13	CO Pac Destroyer	Request make necessary switch connections install resistance, etc for 12 inch signal searchlight. L To CO- Auth to make necessary switch connection. copy to PAC DES & M IS. 1-22
518829	9:10	CO	Lighting circuits-reqt renewal of. L To MI (T) authd 9-24

BIRMINGHAM LIGHT AND POWER

1

922

Number.	Date.	From or To—	Subject.
✓ 632859	7/13	CO (T)	Request 24 type B batteries be furn. L To Norf. CO (T) given instrns re: batteries cc SEA V
MI Local	Reqn 5039	8/24 To MI	Searchlight parts for Identification of Stray light shields cc CO L R
649857	10/26 11/16	CO C&R	Wists search light inform rel to main must L Fwd. C&R 11/24 C&R 12/2 Copy action to Boston L

1915

BIRMINGHAM: LIGHT & POWER.

Number.	Date.	From or To—	Subject.	
171621	11/17	CO	Reqt flagship lights. 1	
		To Bost--(R) Appvs. 11/30	Fwd Bost-- For rec and est. 11/27 RB 12/6	
171633	10/18	CO	Bost (R) submits est and reqt auth 11/29	
	11/5	Bost	Repair dynamo armature blower motors and	
			install elec control for searchlights. 1	
			Fwd Bd 12-14 For comment. 11/26 RB 12/6	
173763		To NY--Auth manuf of electric	Fwd Bost 12-14 RB 1/8	
		controllers. 1/12	To Bost--Disappvs est. 1/12	
	12/6	CO	Reqt authority to turn in searchlight	
	12/13	C&R	controllers. 1	
			TC CO auth 12-14 Fwd C&R 12-14	
186127	4-26	CO	Request additional blinker set and Golden	
			Glow signalling searchlight. 1	
			To Bost--Appvs. 4/29	
26160	5/1	To NY	Reqt number of searchlights to be issued to	
			BIRMINGHAM be increased from one to two	629
203618	10/14	CO	Reqt lights in flag office; re location	
			after searchlight	138-8
206128	11-16	CO	Request authority to turn in semiphores. 1	
			Fwd C&R--11/25	
			CC asks if intend to equip with signal	
			searchlight 12/4	
			Fwd C&R--1/9	
211244	1-11	CO	Reqt est man overboard and breakdown lights	
			To Bost--1/11/25	
			Fwd NY--For est. 1/18 RB 1-25	
			To NY--Appvs est. 1/27	

BIRMINGHAM: LIGHT & POWER. 138-5

1917

Number.	Date.	From or To--	Subject.	
✓ 220547	3-30	CO	Reports satis installation man overboard and breakdown lights.L	
239306	7/16	NY <u>VOID</u>	Dec. 13th/16 to April 7/17 Y	
241780	8-3	To CO	Reqt comment and rec as to installation of 36" searchlight on. Birmingham - 36 inch light will not overload generating set - 8/17 - L	156-5 156-5
71-N	4/10	To S&A	Birmingham - ship 36" searchlight from NY to Birmingham L-3	629
N-71	8/24	To CO BIRMINGHAM	Asks if searchlights recd	629
NY 71	10/25	USE BIRMINGHAM	36 inch searchlight recd 7/15	629
401697	3;8	Boston	Copy of let. C&R req. auth. to relocate deck unit. L	

BIRMINGHAM: LIGHT & POWER.

1912

Number.	Date.	From or To—	Subject.	
79410	10-1	Boat	Estimate for installing new control coils for searchlights. L.	
84843	11/14	C.O.	Repairs to gen. set, etc.	138--8
84935	12-11 12-12	CO Phila	Night signal set; keyboards; Reqt. work be undertaken Phila. L. Ret Phila. appd. 12/13.	
85135	12-13 12-14	CO Phila	Install silk wound coils in pilot motors searchlight control. L. Fwd Boat. appd. 12/16. ~~3-12-30~~	
1913				
89745	2-4	CO	Reqt. authority to turn in n.w.t. night signals and wire. L. Fwd S&A. appd. 2/11.	
1914				
115105	1-12	CO	Reqt blinker lights be installed on each fore yardarm to be operated from bridge. L. Which is for comment and ext. 1/16 (R) to Phila. mfr and installation appd. 2/9	
124413	5/8	To Boat.	Installation of standing lights in bake shop; approved adv. estimated. Y	

BIRMINGHAM: LIGHT & POWER. 138---5

1914

Number.	Date.	From or To—	Subject.	
124821	4/26 5/11	CO Best.	Install standard lights in bake shop. L To Bost. appd. 5/14.	
125733	5/14	CO	Requests extra night signalling set be installed on main mast with keyboard on forward bridge. L TO Bost. auth 5-26	
125891	5/14 5/27	Co Dept.	Request additional Ardois set on forward bridge. L	
136955	10/5	BIRMINGHAM	60 blue glass globes ordered by Bu for experimental purposes; asks what experiments to consist of	675
Reqn 13	11-5	To CO	Reqn 13-15 for 24 special reflectors; disappvs.	
Reqn 44	1-7	To NY	15 Signalling searchlight; re fitting out. L R To Ord-- Reqt telescope be furnished. 1/7	
145083	1/20	NY T	Reqt authority to purchase searchlights in advance of approval; 12" lights	708
159935	6-23 7-8	CO NY	Signal shutters for searchlights. L To NY fws plans 8/17 NY returns 8-26	
169942	10-27	CO	Reqt authority to turn in selmphones. L fwd C&R-- 11/2 10--Under cog of C&R. 11/2	

FILE No.	From or To— (Dated)	Subject.	
33200 3/3	C.O.	Reqt installation of submarine signal set, make changes in fire control, replace 60" searchlight by 36" & other elec. repairs	138--3
35254 3/3	C.O.	est. for repairs to searchlights & wire from time firing device	138--3
38662 5/4	C&R	& CHESTER: elec. steering gear; recommended: asks if sufficient elec. power to operate.	156--5
43561 6/29	C.O.	& CHESTER: relative to elec. power fr operating elec. steering gears	156--5
44192 7/15	Hyde Minelass Co	& CHESTER: elec. steering gear. reqt specfs for equipment	156--5
45576 7/24 7/31	C.O. Bost 5745	Repairs to port. vent. set. I Net cost. 8/8-4, 8-17 Fld C&R listed. 8/18.	
46521 8/9	Bost 5981	Searchlight: reqt. authority to repair one in store. I	
55283 11/18	At Flt	& SALEM & CHESTER. installation of elec. steering gear, rel objections. C&R recommendations of installing 100 kw gen. set to replace one 32 kw	156--5

1912



BIRMINGHAM: RADIO

1920

Number.	Date.	From or To—	Subject.
505023	7-15	To S&A	Reqt shipmt of radio rec set from Washn to CC W
20190	10-2	To S&A	Reqt shipmt of a.p. from CC to Washn 4631 W. RB-II:4
555742	4/8	To Boston	Reqt be informed if spark set removed from BIR IN HAM is in store at Boston available for immediate shipment W RB-4:16-W <u>896-1</u>
		1921	
583903	8:30	CO	Reqt new radio compass control boxes.W To S&A Reqt shipmt of tube from MI to CC 8747 9/9 To CC and cc MI 9/10 RB-10:24-W CC Given name plate data 11/21 W. CC - Copy action to MI 11/20 W.
		1922	
636189	7/18	CO	Acknowledges receipt of monthly radio reports from Englen C. L. Green. W.
636188	7/18	CO	Lists radio reports destroyed. W.

BIRMINGHAM: RADIO

1922

Number.	Date.	From or To--	Subject.
✓ 637799	8/18	To CO	Radio apparatus-- Ask dispm made of listed apparatus W CO 9/19 Submit information reqtd. W
✓ 647614	10/31	To S&A 1401	Reqst shipment of equipment from Washn to Boston To S&A Reqst shipment of recg equipment from Washn to CO 2244 2/24/25 S&A 8/29 send salmon copy of shipment order W
✓ 649456	10/31 11/9	CO Special Service Squad.	Reqst remove variometer from arc transformer and reinstall chamber coils W To CO- disappvd cc spc svcs quad 12/16

BIRMINGHAM: RADIO

Number.	Date.	From or To—	Subject.
✓ 368956	11-14 1:3	W. E. Co. European Forces	Reports receipt of a request from London office for material ordered - Cannot identify W To CO via Sims. comments re radio telegraph equipment for 12-5 Western Elec. Co. req. reply to letter 11-14 - 12-7 W
410509	4:11 4:11 secondary equipment S.O. Boston. 5-15 3/27	Post (T) request original amplifier shipped be replaced - 7/1 CO 1st Dist. Fwd Operations: 5-6 BB 5/10 To Comdt Boston - Removal of present Fwd Comdt 1st Dist. 4-17 S.O. Boston. 5-15 copy to CO and Boston 6;19 CO	Req. ship be furnished with secondary radio set W R B 4/28 Post (T) request action - 5/5 Post- radio amplifier recd- at Yd 4/11 for BIRMINGHAM - 4/12.
416293	5-8	To Comdt Boston	Radio Apparatus for Lists material auth to install copy to S.O. Boston and CO Rowan. W
416877	5-1 5-7 Fwd C&R. 10-30	CO C&R copy to CO. 5-15	Rec main mast be removed and light spar installed - C&R 10-18 Fwds print showing proposed stub main mast. Fwd Operations: 10-22 BB-10:27
421538	5-26 5-27 To CO comdr Destroyer Force. 7-2	CO Boston Reqs disappvd. copy to	Reqst auth to turn in buzzer instruction set W Fwd C. mar Des Force. 6-5 copy to CO. W

RB 6/25

138 - 6 BIRMINGHAM; RADIO

1919

Number.	Date.	From or To—	Subject.
✓ 421809	5-31	To S&A	✓ Reqt ship medium wave receiver from Wash CO. W R3 6:9
✓ 410509	7-3	SEE OVER	To Comdt Boston- Lists radio apparatus auth for installation on. copy to CO and S.O. Boston. W
427085	8/2	Boston	This radio apparatus information sur. ca. for 542-6 1113-1114 & 1115-1116 - W.
✓ 473990	1:3	Pac Flt copy	28 Recommends tests and rigging be rearranged and cut down-will have no effect on radio. W Dept-copy of action to Pac Flt-2:9
✓ 475876	2:13	CO T	Request authority to install radio apparatus on during present overhaul. W To CO and M Is(T)-Issue radio motor buzzer transmitter and two step amplifier 2-17
✓ 477991	2/10 2/19	CO M Is	Reqt authority to turn in antenna transfer switch to M Is- Auth removal of switch and return to store. 2-28 copy to CO.

1916

BIRMINGHAM: RADIO.

Number.	Date.	From or To--	Subject.	
205725	11/16	To CO	Lists radio apparatus to be transferred from BIRMINGHAM to WASHINGTON	474-6
208160	12/12	To S&A	Next shipment of wave meter from BIRMINGHAM to Wash for disposition. W	
208838	12/16	Post R	Recommends B. B. L. M. 's Kolster meter be installed on BELMONT	919
211301	1-12	To S&A and	As a shipment radio app to NY for Ports Post reports disposition of Kolster meters at yard 1/15 Fwd S&A 2/21	
212656	1-26	NY	Request authority to cancel JO installing Mareconi direction finder. W. Co--Grants auth to cancel. 1/27 NY have cancelled job order 2/6	
228385	5/14	CO	Request loan of description of radio installation W To--Fwds. 5/29 R B 6/12 W	
295174	4-4	European Force	BIRMINGHAM remove top mast--fwd correspondence (2 letters)	

BIRMINGHAM: RADIO.

Number.	Date.	From or To—	Subject.
✓ 232348	6/5	CO	Install new waive changes W
✓ 235194	6/25	To CO NSE 25-B and Bu	records differ. Reqt further infor. W CO - states tinker detector is transferred to the SEATTLE 7/15 W
238890	7/18	To S&A	Reqt shipt of wave meter from Wash to Bost for. W
✓ 24 0903	7/27	Bost R	Request authority to issue impedance coil. W To—7/28 To—() Grants auth. 7/28
257932	11-1	To S&A	Reqt shipt one type CAM radio buzzer instruction set from Wash to. W
⁵⁸ 296968	4-12	To S&A	Reqt shipt one high tension antenna switch from Boston to CO. 4-12 Reqt shipt one 5 kw blower cool radio quenche spark gap from NY to CO. 4-12 To Queenstown, Reqt inform re receipt of radio 9-20

BIRMINGHAM: RADIO

Number.	Date.	From or To—	Subject.
172460	11-27	C&R	Upper radio station; fws plan.W Retd--Appvs. 11/30
174020	12/16	To CO	Advise of wave length of receiving equipment; reqt data on radio receivers now onboard.W
174621	12/22	CO	Gives description of radio receivers on board.W
174711	12-27	To Bost. (R)	Has test of new arc radio installation been satisfactorily completed. W Bost (R) 1/3--12/27
✓ 175053	12-30	Bost R	Antennae switch unsatis; reqt permission to issue switch exVA. W To--(R) Authorized. 12/31
174999	1-11	BURROWS	Essenden wave changing coils turned over 145-6 10
176774 VOID	1-19	NY	416 fws progress cards.W
✓ 176775	1-19	Bost	& NEBR; 15 kw arc set; fws photographs and so forth of installation.W
178401	1-29	CO	Reqd auxiliary antennae.W Fwd Bost via C&R--submit est for. 2/9 RB 2/24 To Bost-- Appvs est. 2/26

138 -- 6 BIRMINGHAM; RADIO:

Number.	Date.	From or To—	Subject.	
✓ 179566	2-19	To CO.	Bellini-Tosi direction finding apparatus; asks disposition of. W	
181720	3/15	Ord	Fwds report from BIRMINGHAM on test of the effect of high frequency constant oscillations of a high powered arc transmitter on electrical primers	876
183329	3-24	Bost	Auxiliary antennae; submits estimate. W Fwd ~~CO~~ --- Have appvd estimates. 4/5 To--- Appvs. 4/5	
184772	4/1 4/12	CO Bost	Auxiliary antennae, relative to. W To Bost---Appvs alterations to. 4/17	
187248	?	Lavender, L t · R · A.	Reports on test of directionfinder on BIRMINGHAM	898
192422	7-3	To Bost. (R)	Reqt drawings and photographs of arc and spark installations. W	
193119	7/7	Bost	Radio drawings and photos of radio installation	156-6
✓ 202731	10/19	To C&R	Reqt shipt of one Kolster meter from Phila to Bost for BIRMINGHAM	949
2036-5	10-26 10	Bost R	Direction finder; est for installation. To---(T) Est appvd. 10/27	

BIRMINGHAM: RADIO.

1914

Number.	Date.	From or To—	Subject.	
130523	7/21	Chasn	Reports on radio set ex-BIRMINGHAM	807
13 0534	7/22	To Narr Bay	CHARLESTON RADIO STA: spare relay key of set ex-BIRMINGHAM: asks if received with set	807
132572	8/20	To CO	Asks if permission was granted to Mr. Charabourne to go on board to inspect radio.	876
✓ 143690	1-5	CO R	1915 A DIXIE: reqt portable radio set before sailing. W CO (R) ship to Boat 1-7 To--(R) Sets shipped express today to Boat: 1/7 To--Have restd shipment from Wash. 1/7 To Wash--Old set removed will be shipped to Yd for further disposition: 1/7 RB 5-28 To S&A--Reqt for shipment: 1/7 To--(R) Asks address for shipment: 1/7 CO portable set transferred to PANTHER 1-17	
146365	1-26	BIRMINGHAM	Lowenstein radio set: reqt list of spare parts for W	
			To--Refers to Allowance list for: 2/6	
148264	2-26	To CO.	Kolster decimeter: asks if one on board. W	
			RB 3/29	
162197	7/28	CO	Reqt ultra audion receiver. W	
			To--Fwds copy of shipping reqt. 8/4	
162537	84	To S&A.	Reqt shipment of audion detector from Wash to ship. W. See 162197-128-6.	
			To CO--Asks if amplifier is now on board. 5/25	
			CO recd Aug 1945, 5-31-18	
6 regn	8/19	To CO	Transformers: Bu does not desire use in addition to the combined audion amplifiers. W	

BIRMINGHAM: RADIO 138-6

Number.	Date.	From or To—	Subject.	
167369	9-30	Bost	Upper radio station: will take up location of oh return of vessel. W Fwd C&R-- Comments on. 10/5 RB 10/25 Fwd C&R--10/25	
167474	10-4	Bost	& NEBRASKA: rec'd instructions re installing upper deck arc radio station. W To--Plans now under preparation. 10/9. To NY--Fwds copy above 10/9	
168051	10-12	To S&A.	Rec'd shipment of radio set from NY to Bost. W	
168954	10/21	To NY R	Asks status radio 15 kw arc set for	876
169130	1023	To N.Y.	3rd 15 K.W. arc set assigned to	308-6
169712	10-26	CO	Rec'd additional copy of "Commercial Traffic Regulations". W Fwd Rad Ser--10/30	
170426	11/3	CO	Radio alterations	138-3
171246	11-15	To Bost.	Audibility meters: auth transfer of meter recently assigned to Radio Lab to ship. W	
171941	11/19	Bost	& NEBRASKA: upper deck arc radio stations; fwd plans. W To--(R) Cannot 15 K.W. motor generator be located in arc room if soundproof bulkhead remain as now. 11/23 Bost (R) Replies 11/24 Fwd Bost Via C&R--Appvs arrangement. 11/24 RB 12/6 To--(R) submit estimates for. 11/30 Bost (R) submits estimate (R) 12-2	

To--(R) Gives proposed arrange-
ment. 12/1
To--(R) Appvs est for. 12/3

1913

3 ✓

Number.	Date.	From or To—	Subject.	
111129	11/124	To Chas.	CHARLESTON Sta: proposed installation of one of 10-Kw sets to be removed from.	807
111130	11/24	To NY	NEW YORK Sta. do	823
111952	11/14	Birmingham	reports receipt of weather and time reports from ARLINGTON station off coast Brazil.	892
1914				
114108	1-2	At Torp Flt	Rect addition to radio installation before assignment as flag ship Torp Flt. W and Dept. in tallation urgently needed: 5-kw set at NY. 1/5. RB 1-7	
✓ 114135	1/3	To NY T	Asks if one 5-kw Lowenstein set, cont. 231 will be available for shipment Phila 6-20 re 10th inst. W	
✓ 114164	1-5	NY T	5 kw Lowenstein set practically completed: ship by 10th. W	can
114307	1-7	Phila R	Rect. authority to mfg metal spreaders for aerial. W	
		Phila will ship 2-2	5---appd: shipment of 5-kw set from NY has been requested. 1/8 To---2 3&A request shipment 10-kw set to Chas. 1/14	
114306	1/7	To Chas. shipment made. 2/3	5-kw set: instructions for shipment, contract 231.	876
		To NY & 3&A	To 3&A request shipment of set NY to Phila. 1/20	
114517	1/9	To CO.	10-kw set: asks if any b/ps on board of set now installed. W CO no prints 1-12	

1014

Number.	Date.	From or To—	Subject.
115180	1/12	Phila	Recommends installed in upper radio room. 384--6
115485	1/20	To Phila. R	Radio set: shipment from NY will be expedited. W Phila 1/20 (R) NY states 5-kw set still under test. Installation doubtful. W (*) to NY. ship set assigned KTV JERSEY. 1/20. NY 1/20 (*) Lowenstein set will be shipped. W To dept. rect. auth. to auth. Phila. to carry out work. 1/21. To Phila. f.wds instructions and prints. 1/21. (R) to Phila. ship work authorized. 1/23.
115561	1-20	NY 322-855	Lowenstein radio outfit: under inspection; ready for shipment 21st; f.wds instructions for use. W
115989	1-21	Phila	Protective appliances for: f.wds corres from Heatinghouse Elec. relative prices. W Fwd B&A comments as to price. 1/28.
121391	4/2	To CO via At-Torp. Flg.	Description of Radio; returns N.S.E. form 25-3 for correction. W
122864	4-16	Phila 341-357	Reports shortage of transmitting key from material removed from. W
128952	6-26	CO	Reqt improved portable radio set. W To -- via At-Torp. Flg. no sets available; reqn prepared for 35. 7/3.

BIRMINGHAM: WIRELESS TELEGRAPH.

1912

Number.	Date.	From or To—	Subject.	
70942	5-3 6-10	CO Phila 3345-140-5	Reqt. alterations. W Fwd Dept via C&R. rec appr. 5/12. B. J. C. V. To CO. appd. 6/21. To Phila. appd. 6/21.	
79624	9-26	CO	Reqt. repairs to relay key: advance copy. W B B 10-10 To CO B. pvd. 10-7 Fwd Dept	10-7
80669	9-25 10-17	CO Phila 345-357-6	Repair relay keys. W.	
85051	12/12	Nat. E. S. Co.	ARLINGTON: report on condition of apparatus on BIRMINGHAM & SALEM in connection with test of ARLINGTON cont.	841
85102	12/14	To Dept	ARLINGTON: asks as to availability of SALEM & about Feb. 1st, 1913, in connection with tests required by contract.	841
85982	12/24	Dept.	ARLINGTON: tests: cannot spare vessel.	841
1913				

BIRMINGHAM: RADIO 138-6

Number.	Date.	From or To—	Subject.	
✓ 86802	12-31	CO	Description. W.	
90448	2-24 2-27	Phila Dept 26420-44	Reqt. re installation of radio outfit for ice patrol duty. W. To Phila. directs place set in servicea- ble condition by Mar. 20th. 3/5. Ret Dept. 3/5.	
93531	3/24	Phila	Estimate for placing radio set in ser- viceable condition. W To— appd 3/28	
93752	3/28	Nat. Elec. Sig. Co.	Heterodyne receiving apparatus, reqt instruc- tions re point of delivery for BIRMINGHAM Completes order for ARLINGTON and Scouts.	841
94774	4/11	To Dept	Reqt permission to transfer radio sets, from Salem & Birmingham to NY & Chas. 10 Kw sets too powerful	384--6
✓ 98660	5-15 5-24	CO Phila 345-357-6	Reqt. new receivers. W Fwd Phila. for more information re con- dition and possibility of repairs. 6/4. To CO via Phila. & S&A. request shipment from NY of two receivers. 6/11.	YB 8-11
✓ 102124	7-14 7-22	CO Dept	Submits report on responsibility for missing radio shunt. W Fwd S&A. 7/28.	

BIRMINGHAM WIRELESS TELEGRAPH SETS.

10

FILE No.	From or To— (Dated)	Subject.	
28568 12/20	Boston	SIGNALS, sub. & CHESTER: have been delivered and requests auth. to make payment	711--3
✓ 28619 1/6	Nation Elec. Sig.Co	AND SALEM: wireless tests; requests definite report on distance attained To -- giving infor.at hand 1/14.	
43626 7/7	Birmingham	100 SIGNALS: suggestions for arranging spark gaps of wireless to enable estimate of distance from other vessels in fogs.	912
✓ 53712 11/15	C.O.	Reqt. authority to turn in parts of Feasenden wireless set. To -- not desired to replace receiver now in use. 11/21. To S&A Reqt shipment of two condensers to NY. 11/21. To NY-Overhaul two compressed air condensers for shipment to Colon. 12/11. To S&A-Reqt order for shipt. 12/11.	
54658 11/27 11/27	C.O. S&A 112-570	Feasenden apparatus: states not on charge. and requests status of. Ret S&A-Rec. take up on books at \$10,000. 12/6.	
69008 5/17	To Phila. & S&A.	Radio set: reqt. shipment of one each radio set & spark gap to Phila. Directs S&A issue necessary extra aerial wire. (1) to Newport Nav. Sta. Asks if portable set was received by ship. 5/20.	
69246 5-20	CO T	Portable wireless set received.W	
69351 5-20	Phila 345-357-5	Reports on adjusting of radio set and furnishing wire for aerial.W	
For Misc. and unnumbered reports on test of APPARATUS by BIRMINGHAM see 27953- misc.1910			



BIRMINGHAM: SIGNALS, submarine

1

Number.	Date.	From or To—	Subject.	
43088	7/3	Boston	Reports estimates for sub. signals, etc	138--3
✓ 47177	8/24	Sub.Sig.Co.	Fwds bill for. L to C.O. Request report on results obtained. 8/26.	
47497	8/29	C.O.	No trial made on.L	
			1912	
57779	1/5	To	SIGNALS. Final payment of sets, recd advice when test has been successfully completed	711--3
60713	1/30	Birmingham	SIGNALS: have made no particular test: heard at distance of 8 miles	711--3
67567	4/6	Bost	SIGNALS: reqn 61. test not yet made. re payments for	711--3
			1913	

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BIRMINGHAM MACHY PLANT

1922

Number.	Date.	From or To—	Subject.
✓ 627886	8/15	Dept	Copy of telegram to Spec per Sn directing BIRMINGHAM be in New Orleans Oct. 15. Y
✓ 640764	5/26 9/7	CO Dept	Submit report on material readiness Y Fwds Opns via Ordn-C&R 9/16
✓ 643051	9/28	To S&A	1152 Request shipment of material from MI To CO in To Comdr Spec. Svc. Squad BIRMINGHAM Request inform rel Plan 9/30 RB 10/24 R To CO Ask if shipment recd 1/17 RB 1/26/23 Y To CO Ask if shipment recd 1/26/23 RB 3/3 Y Fwds CO - Fwds dup copies of shipment order 1152 3/8/23 RB 4/3/23 Y
✓ 648270	8/16 11/3	Jan Domingo C. R	Fwds report of inspection Y Fwds Opns via Ordn-C&R S&A - Med A Surgey - Maj Gen Comdt Marine Corps 11/13

BIRMINGHAM MACHY PLANT

1922

Number.	Date.	From or To--		Subject.
648680	9/25 11/7	CO C&R		Submit report on. Y Fwd's Opers via Ordn 11/25
649923	11/16	Dept	Copy T	Special Squadron directing vessel visit New York in route to Boston Y
651849	12/1	Dept		Instructions in conn with holding material inspection Y To d 125— Fwd's corres. 12/6 RB 12/30 Y
652418	12/5	Boat n		Copy Vessel arrived at Yard D
652911	12/5	CO		Submit list of repairs to be under taken by ship's force while at yard Y

BIRMINGHAM - MACHRY FLIGHT

1922

Number	Date	From or To	Subject
04087	1/22 1/11	Pacif. Fleet C&R	Report on inspection. Y Add C&R via Aviation - A - ed & J - ed C&R 1/27
607212	1/23 1/30	CO C&R	Report on material readiness. Y Add C&R via Aviation - A - ed & J - ed C&R 1/27
609729	2/14	Dept	Copy of telegram to Pacif. Fleet directing vessel proceed as duty flag ship to Commander Special Serv. Sqd. Y
611660	2/27	15th Dist. Copy	Vessel reported as flag ship of squadron. Y
612349	3/4	Dept	Home yard of vessel changed from MI to Boston. Y To MI - Gives instrs. re Boston C&R 3/9

BIRMINGHAM MACHRY PLANT

1822

Number.	Date.	From or To—	Subject.
612914	3/8	C&R	Copy of letter to MI directing transfer outstanding job orders etc to Boston. Y
614472	3/17 3/18	Pacif. Fleet C&R	Subm. report on inspection. Y Fwd. Opern. via Ordn-S&A-Med & Surg- Navigh- Maj Gen Comit U S Marine Corp 3/30
615700	3/27	C&R	Copy of letter to 15th Dist authorizing docking about May 1. Y
616320	3/27	C&R	Copy of letter to 15th Dist. auth docking. Y
617129	4/5	Dept	Copy of telegram to 15th Dist making vessel available for docking. Y

BIRMINGHAM: MACHY PLANT.

1919

Number.	Date.	From or To--	Subject.	
397437	2/21	Dept	Copy of telegram to Bost directing submit recommendation date of completion - work on-Y	
400921	3:6	CO	Req. reababbt spare main bearing brasses repair saws mills etc Y	
436108	7-28	Boston	Copy of ltr to Mare Isl transferring outstanding job orders.	Y
454488	10-?	? ?	List of patterns transfd from Bost to Mare Is.	
			-1920-	
471007	1/21	Pacific Flt Copy	Recommends vessel be available for overhaul at M Is beginning 2/9 - Y Dept-copy of action to Pac Flt-1:22 Dept - copy of action to Pacific Flt - 1/26 M IS-copy-repairs will be completed Mar-2-13	
470483	1/19	Dept	Copy of telegram to Pac Flt stating ample 494 space at Pearl Harbor to dock BROOKLYN BIRMINGHAM & MELVILLE A	

138-8: BIRMINGHAM: MACHY PLANT:

Number.	Date.	From or To—	Subject.
471751	1:24	Pac Flt copy	4 weeks approximately needed for overhaul of BIRMINGHAM & SALEM. A
511361	8-13	To C&R	Request copy of revised booklet plans of BIRMINGHAM & SALEM. D C&R-fwd's booklet, plans vessels listed-8:18-D
515010	9:1	M IS P T	Lists major repairs necessary. Y To LI (T) Request have conf CO and elm as much work as possible 9-2
533428	11:29	CO	Request prints listed be renewed. D To LI fwd's plans 11-9
566562	5/27	Pac Flt	over haul deferred until 7/1. A
587775	8:1 9:21 9:28	CO Pac Flt Dept	Report on matl readiness. Y Fwd Opers via Ores C&R 10/4
588355	9:21 9:30	Pac Flt C&R	Submits report of insp'n. Y Fwd Opers 10/8
593949	9:23 11:2	CO Ord	Submits report on matl readiness. Y Fwd Opers via C&R 11/17

BIRMINGHAM: MACHY PLANT.

Number.	Date.	From or To—	Subject.	
312162	5/8	CO	Submits report on post repair trial taken 5/8 - Y	
317526	6:6 6:13	Insp Brooklyn Insp FR	Insp B & W repts proper disposition of blue prints for Birmingham and Salem. 6:15 To Insp Bayonne. Plans referred to reqst by Brook. 6-21 To Insp Brook. re above plans. 6-21	
354387	9-6	CO	Fwds report of new CO Fwd De. t. 10-4	Y
377757	12-17	Fwd. SecNav	Recom. that repairs be author. providg. vessel is to remain in service R B 12:20	

BIRMINGHAM: MERRY 136 - 8

Number.	Date.	From or To—	Subject.
394564	2/13	Operations	Assigned as flotilla flag ship Destroyer Force - directs be refitted Bost - A Fleet Sub Base - 2/21
396397	2:18	CO	Install forced lubrication system for forced draft blowers; install valve at main and aux suction line. D and Operations. 3-6 3:10 to Boston - Repts disappvd by Dept. 3-11 copy to CO
2292	2/18	Phone Fleet Supp Base	Compressor cy: ind. r. BIRMINGHAM re to inst- ructions that it will be completed by promised date of delivery being before 2/10 Y 629
⁹ 294863	2-20 3:14	To S&A S&A	Shipt of valve gear- Repts take action to return material from abroad. Advise. 2-20 copy to Boston, CO, Naval Base #9 Shipment order May 11 back 3:31:19 TS 30 1:14:19 R B 3:6:19
397050	2:18 2:22 ???	CO Boston Boston	Req. retube main condensers examine stern tube and strut bearing etc. Y to Boston - Gives detail comment and recommendations re repairs. 2-27 copy to CO and Operations. 2-27
396992	2/21	Dept	Copy of telegram to Bost directing submit recommendation of date of completion covering urgent necessary work - Y Bost - copy - recommends date of completion 6/1 - 2/22 - Y Dept - available for repairs NY 6/1 - 2/25

BIRMINGHAM: MACHY PLANT.

Number.	Date.	From or To—	Subject.
182675	3-17 3-17	CO At ToropuFlt	Engine and boilers; states ships force has placed in better condition at end of cruise than were on departure from Post Yd/ will be ready to begin cruising May 15. Y Fwd Dept Via Nav--Noted. 3/27
183397	3-21	CO	Reports changes made in machinery. Y Fwd S&R--Comments on. 4/13 RB 4/20 To--Gives action on. 4/13
184411	4-9	CO	List of work to be done by ships force. Y
186860	4-14	Dept	Military inspection Y Fwd Dept--Noted. 5/9 To CO--Re defects in voice tube system. 5/9
188208	5-15	CO	Fwds corres on fire control voice tubing. L
203518	10-14	CO	Reqt radiators, lights in flag office; re location after searchlights. L Fwd C&R--11/14 RS 11/17 To--Work not auth. 11/17
207731	12-1	Dept	Military inspection. Y Fwd Dept via Ord S&A M&S--12/14
208273	12/11	Dept	& ILLINOIS: to be overhauled at NY in lieu of Phila; transfer job orders, etc. Y

701.0

Card 7

BIRMINGHAM: MACHY PLANT.

Number.	Date.	From or To—	Subject.
163447	7-24 8-10	CO Bost	Repairs to ice machine, machine tools, gen sets, pumps, main engines, piping, blowers. Fwd Dept appd 8/17 RB appd 8/20 Fwd Bost 8-20 To Bost--Reqt return of corres. 9/9 RB 9/21
✓ 165341	8-31	CO	Repairs: fwds protest from vessel against ships force doing certain work. Fwd Dept--Rec yard be auth to perform work. 9/21 RB 9/24 To Bost--Work authorized. 9/24 Fwd Bost--10/5
167300	9-30	Bost	States, unless definite plans are received for reserve oil tanks and fire brick is delivered for boilers, cannot complete within time limit. Fwd Dept--Recommendations. 10/5 RB 10/7 Fwd Bost--10/7 RB 10/12
167632	10-6	Dept	Repair limit extended Dec 31 To Bd I&S--Fwds repair papers on. 11/10
167672	10-6	Dept	Directs material inspection Hot Yard. Y Bd I&S returns papers 11-20
✓ 167894	10-1 10-7	CO Bost	Reqt Lemt Asst JO for assisting ships force. To Bost--Applv. 10/11
168026	10-1	CO	Alterations to reversing main stop valves, install connection between flushing system, and distiller discharge. Y Fwd Dept--rec disappvl 10/18 RB 10/22 To--Disappvl 10/22
168485	10-6	CO	CO states repair period allowed Bost Nov 1 to 30 insufficient to make repairs to steam piping, boilers, oil tank, main condensers: recommends time be extended to Jan 1 Fwd Dept 10/21 RB 10/23 Fwd Bost--10/23 RB 11/3

BIRMINGHAM: MACHY PLANT. 138-8

Number.	Date.	From or To—	Subject.
169692	10-28	Dept	Hull inspection. Y Fwd C&R--Noted. 10/29
170043	11-2 11-2	Bost Dept	T Bd Inspection not due until 15th; reqt auth to proceed with auth repairs. Fwd Dept-- Recd appvl 11/2 RS 11/4
171251	11-16	To Foster Eng Co.	Reqd prints showing pump governor as at present installed on main feed pump as proposed for ash ejector pumps. D To NY--Reqd for print. 11/16
171709	11/18 11/19	Bost Dept	T Asks what work is approved of that recommended by Board; will require additional funds. If work is to be completed by Jan. 1st. Y
171895	11/20	Bost	T Authorized work under wat; report of Bd Inspec- tion not yet received; are preparing estimates based on yard members of Board. Y Fwd Dept via C&R--Noted. 11/23 RS 11/27
172278	11-15	Bd I&S	Material inspection. Y
172444	11-23	Bost	Report of board survey and estimates in advance of report of board inspection. Y To--Noted. 12/1 Bost reqt auth proposed with work 1.2-10
173297	12-4	Bost	To--(H) Disap. vs. 12/10 Report of board survey and estimates. Y Fwd Dept--Recommendations. 12/10 RS 12/13 To-- Gives action on 12/13
173365	11-24 12-7	CO Dept	Report of new CO Fwd Dept via Ord. Nav. Sta. MAS--Noted. 12/10

BIRMINGHAM: MACHY PLANT.

1914

Number.	Date.	From or To—	Subject.
✓ 129970	7/15	Dept.	Directs inspection at Boston July 20.Y
130031	7/16	Bd I&S	Request repair papers.Y To I&S fws 7-17 Bd I&S returns 7-27
130061	6/20	CO	Overhaul dynamo engines and ice machines.Y
130626	7/23	To Bost.	Material inspection; directs proceed with repairs in advance of estimates.Y
130698	7-28	Bd I&S	Material inspection; fws.Y
131329	8-1	Dept	Repair limit extended to Nov 1st.Y
✓ 131752	8-5 8-7	Bost Dept	& CHESTER; reports work necessary before ready for sea; particularly minimum work on turbines of CHESTER.Y Fwd Dept. with rec. 8/7
✓ 131937	8-6	Bost	Report of bd survey and estimates.L Fwd Dept. request appr certain items. 8/10. RB 9 appd. To Bost. Appvd. 9/1
122204		SEE CARD 3	To Bost. submit reqn. for steam Seal piston rod stuffing boxes and packing. 8/14

BIRMINGHAM: MACHY PLANT. 138-8

Number.	Date.	From or To—	Subject.	
135935	10-3	Dept	Repair limit extended to Dec 1 Y	
136043	9/28	Phila	COLUMBIA & MINNEAPOLIS; re completing repairs and commissioning; in connection with BIR- ~~BIRMINGHAM AND PANTHER~~	167-8
140539	11-20	Dept	Repair limit Dec 17.Y	
144010	1-8	Boat	Submit a list of plans missing from finished plans forwarded to Bu. D	
150825	3-11	CO	Alterations to forced lubrication for blowers, main throttle valves, main thrust, reserve feed water pump, tollals in engine, piping. Fwd Dept. Rec disapproved 3/29 RB 4/1 To-- Disappva. 4/1	
156866	6-5	Dept	Repair limit July 1	774
156867	6-5	Dept	Available for overhaul May and June and Nov 774 and Dec each year	
161703	7/24	CO	Alterations, install forced lubrication and forced draft blowers, install cut-out valve on auxiliary exhaust line, connecting riser on reserve feed water pump, etc.Y To Boat--For est and rec. 7/31	
161704	7/24	CO	Alterations to throttle valve, fit metal covers on main thrust, install independent drain line, install oil tank, piston rod.Y Ref. Boston 8-9 RB 8/26 Fwd Dept 8-27 RB 8/30	
		To Boat--Gives action on 8/31		

BIRMINGHAM: MACHY PLANT.

1913

Number.	Date.	From or To—	Subject.
✓ 91570	3-3	Dept	& CHESTER; will not be required for ice patrol duty. Y
✓ 107305	10-2	CO	Report of new CO. Y Fwd Dept via Ord. 10/9
✓ 113770	12-26	CO	Shift position of main feed pump, and install stop valve on each aux feed, fire and bligs pumps. Y
1914			
✓ 114056	12-31 1-3	CO Dept	Submits statement of progress of repairs; Dept sets Jan 31 for completion; and directs work on boiler stop valves, and condensers, be expedited. Y To Phila. directs expedite work. 1/6 Ret Dept via Nav. 1/6
✓ 114054	1-3	Dept	26420-59 All auth work to be completed by Jan 31. Y
✓ 114175	1-5	Dept	26420-62 Recd recommendation re changing home yard from Phila to NY. Y To---proposed change agreeable. 1/7
121083	3/28	Dept.	Senate Resolution 317 directing submission of estimates for placing into condition without detriment to military efficiency for duty as mail, passenger and freight transport between NY and South American coasts.

167-8

1014

BIRMINGHAM: MACHY PLANT. 138-8

Number.	Date.	From or To	Subject.	
121993	3-28	CO	Reet repairs to evaporators, distillers, piping, valves, motor boat engine, feed tanks, etc. Y	
✓ 122204	3-28 4-11	CO Dept	Alterations; fit forced lubrication main engines, install France metallic packing, dampers in uptakes, fit after 8 boilers w for oil burning, replace resent forced draft blowers with Terry type. X	CARD 4
			Bost. 5/26. asks when prints may be expected. Y Fwd Dept with rec. 6/20. RE 7 Bapp d Fwd Bost. for est and rec. 5/9. rb 5/13 Fwd Bost. instructions. 7/10. 7 24 Bost. 5/21. asks when plans may be expected 5/21 TO Bost fws 5/6 5-26 TO C&R 5-26	
122943	4-7	At Torp Flt	Alterations recommended to increase efficiency as a Torp Boat Tender. D Fwd Dept via C&R rec conversion of six boilers for oil burning be held in accordance. 5/11. rb 5/8 Fwd Dept via Ord and At. Torp. Flo. 8/10.	
126267	6/2	At Torp Flt	Copy of circular to Yards directing estimates of probable dates of completion of authorized work; now enroute to home yards	496
126524	6/1	CO	Requests repairs to main engines, condenser pipe, ash pan of boilers, lag boiler casings, renew fire extinguisher on boilers, repair ice machine. Y	
126526	6/1	CO	List of repairs to be accomplished by ship's force while at Boston yard. Y	
126735	6-30	Dept	Repair limit Aug 25. Y	
129238	7-7	Dept	Repair limit extended Sept 1st, Y	
129627	7-9	Dept	Fwsd Hull report quarter end June 30. Y Ret. via Ord. 7/13.	

Number.	Date.	From or To--	Subject.	
✓ 45450	7/31	Boston 5733	Submits estimates for re-tubing boilers, overhaul boiler casings, install pressure gauges, repair lagging, etc. Y	
48686	9/18	Dept	& RM. IS: date of completion of Bir. Dec. 15. 377--8	
53057	11/8	Dept	Authorizes docking and incidental work in adv. of astir test completion Dec. 15th. Y Fwd C&R-11/9.	
✓ 54031	11/18	C.O.	Comments on recommendations on Board of survey. Y Fwd Dept-Recommendations. 11/24.	
			1912	
63457	2/26	C.O.	& SALEM: reports on experiences of vessel in storm enroute Guantanamo: etc	384--8
✓ 66159	4-10 4-12	CO Dept	Submits list of repairs required Navy Dept. Y	
✓ 68292	4-16 5-6	CO Phila 345-14C-6	Repairs to piping, internal feed pipe boilers, filter rates, feed water heater, re-lag steam piping and evaporators. Y C&R 7/18 recast action. Y To-Phila. appd. 7/20.	

BIRMINGHAM: MACHINERY PLANT GENERAL. 13P--8

Number.	Date.	From or To--	Subject.
74202	8/11 7/18	CO Phila. 345-140-6	Repairs to stop valves, rotor casings, ash pans, piping. Y To Phila. appd. 7/26.
✓ 75177	4/7 7/26 8/6	CO Phila 345-10-2 C&R	Alterations: fitting steam connections to ovens and drains; conduit work in connection with C&R work, and fitting new 3" voice tubes from bridge to dynamo and steering engine room. To Phila. recd. disappd. 8/12 Ref. Dept. 8/12 RE 8-10 Ref C&R noted 8/17
✓ 75361	7/22 8/8	At. F. t. Dept.	A. CHESTER: Overhaul and repairs; recommends personnel of ships be not reduced as work is to be done by ship's force. Y Ref Dept. via Ord. C&R. noted. 8/9
75860	8/8 8/13	CO Phila. 345-1406	Repair copper piping; reabbrit main bear- ings of forced draft blowers. Y
77852	9-10	Phila 345-140-6	Submits revised estimate for repairs to ash ejector piping, etc. Y To---appd. 10/24.
80846	10-5 10-22	CO Dept	Report of new CO. Y Fwd Ord. 10/24.
✓ 84843	11-14 12-9	CO Phila 345-140-12	Repairs to crank pin brasses, feed piping, gen set, re-lag certain piping. Y To Phila. appd. 12/12.
1913			

BIRMINGHAM: MACHINERY PLANT: GENERAL

FILE No.	From or To— (Dated)	Subject.
✓ 33201 3/3	C.O.	Reot. boilers be retubed, over haul boiler casings, install pressure gages, manholes, manifolds in storage compartments, etc. Y. Fwd Dept. Rec nec work be auth. 3/28. R.L. 3/31 apd. To -- via At. Flt. Fwd Bost. aprd 4/1. R.B. 4/8
✓ 33294 3/3 3/8	C.O. Fpt.	List of repairs; Dept. states same have been forwarded direct to Bureau. Y Fwd C&R via Ord. 3/28.
41980 6/23	Dept	Ordered placed in reserve at Boston Yd. for overhauling. Y
✓ 42316 6/8	C.O.	Repairs to propellers, renew bushing strut bearings, section copper piping, etc. Y
✓ 44381 5/29 7/18	C.O. Boston 5368	Overhaul engine room stop valves; renew metallic packing on main steam line, overhaul ice machines; refit brasses. Y
✓ 44541 7/26	Dept	Nov. 1st fixed as date for completion of repairs. Y
✓ 44711 6/29 7/22	C.O. Bost 5478	Reqt. repairs to exhaust piping, repairs to cylinders of pumps, fit tray in gasoline tank. Y
✓ 44709 6/8 7/17	C.O. Bost 326	Repairs to propeller, stern strut bearings, copper piping. Y



BIRMINGHAM: MAIN ENGINES.

Number.	Date.	From or To—	Subject.
235804	6/26	B.st	Main engine pistons - request Vandyke D
299772	3-13	CO	Main engines - overhaul link motion. Y
398347	2:18 2:27	CO C&R	Submits detail report in connection with crack developed in starboard side in compartment of A-2 - also crack in starboard engine bed plate. Y To Boston - Repts make examination and any work under Cog. SE is auth. copy to CO 3-1 Fwd Operations. 3-1
432818	7/12	Boston	Confirms telephone conversation in connection with BIRMINGHAM being unable to take 2 crank shafts and a section of line shafting. Will probably be transported by some other vessel. Y. 494
443672	8/20 8/29	CO Pacific Flt	Reqt. alterations main engine throttles - D Fwd Operations. 9-8 B 8/15 To PAC FLT - Gives detail action. 9-15 copy to CO.

BIRMINGHAM: MAIN ENGINES.

1914

Number.	Date.	From or To--	Subject.
✓ 132528	8-18	Lovekin, L.D.	Bill for tracing and royalty. Assist Cylinder. D
✓ 133055	8-25	Bost 3277-345	Lab oil settling tanks in eng room; recommends installing steam heating coil in partition as per print attached. D To-- zppvd as mod 9-8
✓ 133134	8-27	Bost	Forced lubrication; reqt approval of location of oil drain tanks. D.
133344	8-28 8-30	Bost 3223-345 C&R 28261-E.23	Proposed oil well for forced lubrication system; fwd sketch. D Fwd C&R not necessary 9-8
133625	8-29	Bost 3221-345	Lovekin Asst cylinder valve stems; fwd print showing new stems. D To-- Comments. 9/4
133676	9-1	Bost	Lovekin asst cylinders; no revised estimate for; revised estimate for new valve stems being made. D
135404	9-25	Bost 3115-345	Impossible to complete work on engines within time limit; reqt extension to Dec 1; Lovekin Assistant cylinders will require new valve stems. D To-- (R) Instructions. 9/28
135551	9-29	Bost R	Unable to complete installation of Lovekin asst cylinder Nov 1st; do not recommend use of old valves. D

BIRMINGHAM: MAIN ENGINES. 138-9

Number.	Date.	From or To—	Subject.
135678	9-29	Boat	Delay in installing Lovekin asst cylinder. D Fwd Dept-- Rec date be ext to 12/17/14. 20/1
✓ 138455	10-30	Boat	Forced lubrication system; error in Bureau's drawing. D To-- Instructions. 11/4
141984	12-9	Boat	Lovekin asst cylinders; revised est. Y To-- Appvs. 12/16
145066	1-20	To CO.	Oil in boilers; calls attention to the importance of guarding against. Y
172454	11-23	Boat	Main engine throttle valve; alterations; avis print of proposed. Y
173153	12-6	Boat T	Throttle valves; alterations; are proceeding with in accordance with drawing 22485. Y To-- Appvs. 12/7
177079	1-12 1-16	CO At Torp Flo	Reports casualty atbd HP piston recently repaired at Boat Yard. Y Fwd Boat--For comment. 1/26 RB 2/7

Number.	Date.	From or To—	Subject.
39410	5/23	TO International Curtis Marine Turbine Co.	& CHESTER: fwsd copy of analysis of per- formance of engines. D
✓ 57689	1/3	Intnat. Curtis Co	Wire effective HP 12 knots. D (T)to---gives data. 1/5.
			1912
✓ 73196	7-10 7-11	CO Phila	Reqt. forced lubrication be installed. D TO -- not definitely decided. 7-13
			1913
			1914
122204	3/28	CO	Alterations, fit forced lubrication main engines, install France metallic packing, etc. 138-B 318-B
✓ 128431	6/22	Bost. 3223-345	Main engines - forced lubrication; estimate for making engine girders off-tight. Fwd Dept. 6/27. C&R reat action 7-31 Fwd C&R. 8/6 Fwd Dept. 8/6
✓ 130476	7-18	Lovekin, L.D.	Lovekin asst cylinder; have received inquiry for quotation from Bost; quoted price \$875. B To Dept. rec purchase of plans. 7/22. HE 7 To --- installation authorized. fwsd plans; Boston yard to be instructed. 7/25 To Bost. installation appd; instrns. 8/3

BIRMINGHAM: MAIN ENGINES. 138-9

Number.	Date.	From or To—	Subject.
✓ 131007	7-27	Lovekin, L.D.	Assist cylinder: reqt additional data, indicator carls. etc. D To---fwds prints. 8/3
131092	7-23	Bost 312-345	Estimate for installing Lovekin Asst Cylinder. D Fwd Dept. 7/28. RB 7 31 app'd Ret. 7/31. JB 8 15 Bost will prepare requisition cover- ing. 7/31. JB 8 15
✓ 131367	7-31	Bost	Forced lubrication system: recommends water service connection main bearings be removed entirely. D To---advisable to retain. 8/4
131416	7-27 8-1	Bost Dept	Recommends general overhaul of main engine and installation forced lubrication system during present overhaul system; Dept approves and extends repair limit. Y (R) to Bost, data completion extended to Nov. 1st. 8/3.
131649	7-28 8-4	CO Bost	Main engine cylinder measurements: fwds. D
131939	8-8	Bost	Forced lubrication system: reqt plans showing thermometer fittings. D To---fwds plan. 8/11.
✓ 132072	8-11	Lovekin, L.D.	Lovekin cylinders: fwds tracings. D To Bost. fwds Vandyke; directs manufacture. 8/14 Bost will submit revised 8-18 To Boston---Comments. 8/27
132433	8-10	Bost	Forced lubrication: steam seal for LP piston rods; fwds tracings; asks if to be mig at yard. D. To---tracing returned, not appd. Reqn. should be submitted. 8/19.

BIRMINGHAM: BOILERS:

Number.	Date.	From or To -	Subject.
273366	2-20	SEE CARD 5	To S&A -- Lists material shipped from NY and reqts take action to have material returned from abroad. advise action taken copy to Boston, CO and Base # 9
		To CO- Lists material auth to turn into store. copy to S.O. Boston. 3-26	S&A - Copy of letter to European Force requesting have material returned to Boston - 2/27
		Boston 4:18	To S&A - Now inside casing for boilerz-shipping instans Yh copy for SO Boston and S&A 2 & CO.
		Boston Fwdls copy of correspondence 4:11	CO - 3/18
		Fwd S.O. Boston-copy to CO and S.O. Boston.	To S.O. Boston- Inform condition of material. 3-26
402442	3/4	Post T	copy to S.O. Boston. 3-26 Request boiler tubes - Y Boston (T) - boiler tubes in store not suitable for - 3/15 To S&A- Reqt shipt boiler tubes from Phila to Boston. 3-17 To (T)- Use tubes reserved for BIRMINGHAM and SALEM reported on stock cards from supply officer. Advise action taken. 3-15 To (T)-Tubes reqt'd ordered shipped from Phila Yd. 3-17 RB 3:29
375543	3-26	To S.O. Brook	Inform if material on shipt order of 12-10-18 has been received and transshipped. Yh RB-5:2 copy to CO. S.O. Inform if material rec'd. 3-3 copy to S.O. Guantanamo. RB 5:19 Guantanamo 5/28 S&A-7:14
477105	2:19	Squad 4 Pac Flt	copy High pressure evaporator shell
	Pac Des-2:26		recommends both shells be removed. Yh To (T)-Renwal appvd. etc. copy to Operations PAC LT-PAC DES SQD -FLOT % DES SQD-M IS CO. by mail. 2-20

BIRMINGHAM: BOILERS

1920

Number.	Date.	From or To--	Subject.	
491451	4/27	CO	Cast iron gate bars recd ar. of inferior quality- reqst special allotment be made covering manuf of two thousand mild steel bars- Y.	138-21
571003	5/25	To MI	To MI (T) Appvd 4/29	
582105	8/25	To MI	Boiler Tubes: Given comments- Ym M 18-corrects-9/2-Y	

BIRMINGHAM: BOILERS.

Number.	Date.	From or To	Subject.
✓ 240067	7/23	To NY	Ask work actually done on job order calling for repairs to main boilers. Y NY 8/4 Y
✓ 318315	9/10	To B&W Co	~~SALEM~~ Steel castings for circulating pipes of boilers of. Ask if have letters of attestation. D B & W -- & SALEM reports finding of patterns; state do not make steel castings 9/26 D To. Thanks for letter of 26th and reqts hold patterns for future use. 10-3
334	10-4	Fwd S&A	Price covering 5" down corner pipes for boilers of & SALEM too high; will make rec as to award at this time. 384-10
273366 (over)	12/21 1/11	CO Dept.	Reports casings of - 1-2-3 boilers require renewal - Y
274062	1/15	1-15 3-14 Sims	wd Operations. 1-15 -- RE -- 1/19 To -- (7) -- All necessary material order shipped. 4-20 No. 2981 request early shipment of evaporator tubes. Y To S&A -- Reqts hnt 100 brass evaporator tubes from NY to Co. 1-18
✓ 281440		To Insp	*Alteration made necessary by replacing boilers casings. Fwd's prints. D

BIRMINGHAM: BOILERS 138 - 10

Number.	Date.	From or To—	Subject.
289375	3-5	Sims	Copy - 5145 Does copy of instructions to VOID WRONG CARD
- 289375	3-5	Sims Copy	To 5145 - Request drawing alterations boiler casing. D
375543	12-9	To S&A To South Brook via S&A - Inform If material received. copy to CO. 5-1 To S&A - Reqs trace ship of material. copy to CO and S.O. Guantanamo 5-20	NY - 8/30 Material in assembly only following repaired Material in stock boxes for 2 boilers Advise number and rank of officers employed searchlight control work Sims - Copy - 7654 - IL 7638 - Does not require soot boxes. 5-9 To NY - 8/11 - Reqs material repts mfg for ship to To NY - 8/11 - Reqs work be expedited re mfg of boiler casing. 6-20 Inspr Dept repts proper disposition of blue prints for Birmingham and Jalem. 6/15 138-2 Best shipment evaporator tubes Norf to CO. Y Phone NY re evaporator tubes. 12-10 To S&A - Reqs take action to expedite delivery of material to Boston for as ship is reported to be at that yd. copy to CO Base and Boston. South Brook

BIRMINGHAM: BOILERS.

Number.	Date.	From or To--	Subject.
172627	11-19	Bost	Boiler tubes; fwd's samples; recommends no more tubes be removed. To CO--states necessity for retubing of boilers was not properly investigated by those responsible. 12/2
175433	1-3	CO	Reports number of days under steam and condition on. Y Fwd Bost--1/11 RB 1/31
175675	1-4	Torp Flc. At	Reports on condition of when left yard; covers boilers. Fwd Dept--Rec boiler #3 be not used in present condition. 1/11 RB 1/13 Fwd Bost--1/13 RB 2/1 Bost time for installing 4-25 Fwd Dept--Rec be made available for work. 4/27
182800	2-14 3-25	CO Dept	Corrosion in reserve feed boiler; directs work be done at Bost Apr 20: Fwd Dept via C&R-Ord--Noted. 3/28
183651	3/27	CO	Replace bottom blow valves on boilers and internal feed lines. Y Fwd Dept--Recore detentions. 4/7 RB 4/10 To--Gives action on. 4/11
186056	4-24	CO	Boiler No 7; reports leak in down comer joints. Y Fwd Bost--For comment and rec: 4/28 RB 5/5
186237	4-28	Dept	Copy of telegram to Bost asks if new drum heads No 8 boiler can be completed by May 20. Y 3

BIRMINGHAM: BOILERS. 132-10

Number.	Date.	From or To—	Subject.
186316	4-28	Bost R	If drum heads arrive May 5, can complete May 20.
186788	5/3	Bost T	Boiler; all parts received 377-10
193996	7/10 7/15 7/19	CO Atl Torp Flo Dept	Reports on condition of boiler linings; recommends vessel not be required to make over 18 knots until casings are repaired.Y Fwd Bost—For comment. 7/22 RB 8/8 Fwd Dept— 8/7 RB 8/9 To CO Via Atl Tor Flo—Comments on.8/9
198190	8-14	CO	Report on condition of boilers.Y
200347	9-22	Bost	& BIRMINGHAM: estimate for manufacturing grate bars. 1 To—Authorizes 9/27
210825	1-5	NY	Feed water heaters; estimate for changing present stay bolts and remake joints. 1 To—Work anth. 1/9
217147	2-28 3-2 3-6	CO NY Dept	Request instructions re continuing work on boilers; Dept states vessel required immediately for service with full power. 1 Fwd Dept—3/9 RB 3-12 Fwd NY—For comment.3/12 RB 3-16 Fwd Dept—3/19

BIRMINGHAM: BOILERS.

1913

Number.	Date.	From or To—	Subject.	
✓ 99891	6-13	CO	Reports accident to boiler No.4 : fws photo of cracked valve seat. Y Fwd. FR. Request name of maker, 7/8-EB 7-14	
✓ 100648	7-1	Dept 26250-448-2	Accident to boiler No.4; report of board of inquiry. C Fwd Dept. comments. 7/7. To CO. To CO via Phila. To Bost. instructions to replace all stop valves of Fore River design. 7/7. To Bost. Phila. S&A. final machining and installation to be done at Phila. Request shipment. 7/8.	
✓ 101175	7-9	CO	Accident to No.4 boiler: stop valve was closed by hand not forced. Y	
1914				
114056	12/31	C.O.	Submits statement of progress of repairs. Boiler stop valves, etc	139--8
122204	3/28	CO	Alterations, dampers in uptakes, flt after 6 boilers for oil burning. replace present forced draft blowers with Terrytype	138-8
123082	4/18	CO	Boiler tubes: reports on defective and forward sample. Y To 4/23	
124013	4/20	At. Torp. Flc. R	Having boiler troubles	774
✓ 127817	6-19	To Boston	& SALEM - submit reqh. for boiler tubes. Y	

BIRMINGHAM: BOILERS. 138---10

Number.	Date.	From or To--	Subject.	
128219	6/10 6/19	CO Boston	Feed tanks; repairs urgent.Y Fwd Dept--authorized on Dept's verbal authority; requests confirmation 6/25 main feed tanks 6/23: Fwd Dept 6/25.	
128500	6-27	Boat 312-345	Renewal of lagging and casing of boiler ra.Y TO Boat appvd 6-29	
7123	8-21	To S&A	& SALEM - re boiler tubes	706
162529	7/24	CO	1915 Sample boiler tubes; fwds for inspection.Y To--Reqt copy CO letter of 7-24. 8/6	
163174	8-9	CO	Boilers; condition of; fw a copy of original request for repairs dated July 24. Y TO -- comments on samples tubes 8-13 Boat estimate for rehabing gas tubes 8-26 To Boat-- instructions. 8/31	
163721	8/14 8/24 8/16	CO Atl Torp Fle Boat 3211-345	Submit estimate of cost and time to com- pletely retube all 12 of main boilers, re- pair brick work and casings of same.Y To Boston - directions - complete retub- ing not necessary 8-24	
165787	9-11 9-11	CO 9 Atlantic Torp Fle	Report on condition of evaporators.Y Fwd Boat For est and rec. 9/24 RB 10/4 Fwd Dept--Have directed manuf. 10/5 RB 10/7 To Boat--(3) proceed renewal. 10/5 Fwd Boat--10/7 RB 10/28	
166175	9-14 9-14	CO Torp Fle	Reports evaporators 2 and 4 leaky.Y	

BIRMINGHAM: BOILERS: ETC.

Number.	Date.	From or To--	Subject.	
44771	7/25	Bost 5581	Estimates for hoods over smoke pipes.Y	
45450	7/31	Boston	Submits estimates for re-tubing boilers, overhaul boiler casings, etc	138--5
✓ 47600	8/17 8/30	Bost Dept	Retubing boilers: unable to complete in time specified due to inability to secure boiler makers: Dept. fixes date of completion Dec.15.Y Ret. Dept. noted 9/1	
✓ 48737	9/12	Bost 6918	Hoods over smoke pipe casings: submits estimates. Y	
/ 48964	9/15	Bost 7049	Submits estimates for removing operating gear from ash pan dampers all boilers.Y-D	
✓ 50004	9/29	Bost	Relative to furnishing new smoke pipe hoods: rect. decision as to cog. at 10 (11)--Auth.10/3.	
✓ No #	10/23	To Bost	Asks if, in retubing, any material change has been made in curvature of tubes.	
✓ 52328	10/26	Bost 8240	Retubing: estimate for using tubes already bent for SALEM: also reports additional work required to Brickwork. Y To---Appd.11/6.	

BIRMINGHAM: BOILERS:ETC: 138-10

Number.	Date.	From or To—	Subject.
52932	11/3	Bost 8452	Remove operating gear from rear of ash pan dampers of boilers: estimate.Y-D To—A.pd.11/13.
54661	11/17 11/21	C.C. Bost. 8991	Ash ejector: request casting for. Y
55040	11/28	Bost. 9178	Retubing of boilers: submits revise est.Y Fwd Dept.-A.pd.12/4. 11.12.00 Lpd To—A.pd.12/6.
65876	4/8	To C.O.	1912 Boiler troubles: requests further information as to nature and extent of.F KL 4-18
68292	4/6	C.O.	Repairs to piping, internal feed pipe boilers, floor plates, feed water heater, re-lag steam piping and evaporators. 138-8
69152	5-17	Phila	Ash ejector: repair discharge of.Y
74105	7/21 7/23	Phila. 34E-269	Repairs to shells in baffles of evaporators.Y Fwd Dept.rec appr.7/24. BB 7-28 To Phila.apd.7/26.
			1913

FILE No.	From or To— (Dated)	Subject	
33201 3/3	C.O.	reqt boilers be retubed, over haul boiler casings, install pressure gages, manholes, etc	138--8
✓ 33528 3/10	C&R 2765-E.243	Reqt. larger hood be placed over smoke pipes.	Y
✓ 34825 3/28	C.O. (Cable)	Stop valve of Boiler H broken; reqt certain drawings and invites attention to lead of steam pipe to boiler. (T) to FR Reqt est. for supplying 3/28.	
✓ 34940 3/29	FR (T)	Gives estimate of time and cost for supplying stop valve for boiler H. Y to C.C. & FR. NSA regn. 277. Shpmt Bost. to ship. 4/1. Fwd S&A 4/3. R.B. shipping instructions issued 4/5.	
✓ 35560 3/27	C.O.	Reports stop valve Boiler H badly cracked; not safe for use; reqt. new one be shipped. Y Fwd FR NSA regn. 277 covers 4/8. BB 4-24 Ret -- via 5th Div. Lt. 4/24. BB 6-11 To -- Obtain from Bost. modified design 5/12.	
✓ 35574 6/31 4/6	FR Ship Co S&A 104469	Are proceeding with left hand boiler stop valve. Y.	
✓ 36271 4/13	Boston 2684	Retubing boilers: reports on number of tubes in excess; same to be used for SALEM in case same are needed. Y Ret -- Rel stock on hand. 4/18. BB 4-28 to -- Directs tubes for 4 boilers be drawn from store. 5/2.	
✓ 43905 7/14	Boston Yard 5276	Estimate for retubing 12 boilers. Y Fwd Dept. Sec retubing of remaining 8 boilers be deferred. 1/20. BB 7-26 Retubing 7/25. BB 7-26 appd (T) to Bost. appd. 7/27. to -- Directs tubes be drawn from store and bent for SALEM. 7/27.	



BIRMINGHAM; AUX MACHY:

Number.	Date.	From or To—	Subject.	
483294	3:16	CO	Request new carburetor be furnished to replace one installed on 35 foot speed boat. Y 1- To S&A- Reqt shipment carburetor from M. Is to CO. 3-27 RE-5;6-Y	
501651	6/25	C&R	Copy letter to BIRMINGHAM in conn with 35' motor boats for; Y	611-2
567903	6/4	Pacific Destroyers T	Request approval engines 35' motor boat for CO BIRMINGHAM. Y	611-12
577734	7/25	M.I.	T reqst auth assign Sterling engine to 35' motor boat 8568 on board BIRMINGHAM Y M I 201 7/29	611-12
576504	7/21	C&R	Copy letter to CO BIRMINGHAM stating 36' motor sailing launch cannot be furnished Y	611-8
595422	11/10	C&R	30' MSL 2944 should be repaired at M. Is. for return to. Y	611-6
599481	12/8	C&R	Copy of letter to M.I. auth issue 30' motor sailing launch 6452 to CO BIRMINGHAM Y	611-8
609921	1/15	C&R	Copy of letter to S&A Service B. M. Is. Y 1- To S&A- Reqt shipment carburetor from M. Is to CO. 3-27 RE-5;6-Y	611-12

BIRMINGHAM: AUXILIARY MACHINERY

1922

Number.	Date.	From or To—	Subject.
BIRMINGHAM REQN #132-22	3/30	To CO	Rqn for 3 cylinder blocks for Van Blerck engine of 35' Motor Boat- Gives instrns Ye R

BIRMINGHAM: AUCY MACHY

1010

Number.	Date.	From or To--	Subject.	
✓199019	9-12	TO Norf	Assigns engine	611-2
199941	9/20	Norf	Reports shipment of engines 2663 and 2669 to Birmingham for 17707 and 1310. Also KK 2696 and 2697 for boats 2812 and 13 to Reg. Sd. Y	611-2
228092	5-11	C&R	35' motor boat 4057 assigned to BIRMINGHAM.	611-2
235900	6/12	C&R	BIRMINGHAM: reports exchange of 35' motor boat 1353 with the LAUNCHER, #962 to be turned in at NY	611-2
240671	7-26	to BIRMINGHAM	Power boat engine No 3379; re number of hull in which installed.	611-2
284613	2-27.	C&R.	Assigns 30' sailing launch to. Y.	611-2.
33483	8/8	to BIRMINGHAM	Request report on boats on board Y	611-2
400159	3:1	GO	Repairing to deck wrenches Y wd C&R. 3-7	
403753	3/18	C&R	City letter to New York assigning 12' punt to BIRMINGHAM. Y.	611-2

BIRMINGHAM, ALX. MATHY

Number.	Date.	From or To—	Subject.	
1415739	4/28	CO	Req. auth. to turn in bed plate and cyl. of motor dorey engine Y To Boston— author granted to turn into store 5-5	
428736	8/8	C&R	Copy of letter to BIRMINGHAM regarding assignment of 35' motor boats; Y.	611-2
431096	8/14	TO BIRMINGHAM	Records show 35' motor boat 6564 with Stern line engine 3504 installed on board. Ask what disposition made. Y.	611-2
446069	9/18	C&R	BIRMINGHAM assigned motor boat 6564 Y	611-2
451602	10/14	C&R	Copy letter to BIRMINGHAM in conn with number of boats used as flag boats Y	611-2
460966	12/9	TO BIRMINGHAM	Power boats: Next report correct numbers engines installed.	611-2
470336	1/19	C&R	35' motor boat 8562 transferred from PRAIRIE to BIRMINGHAM; boat 8564 transferred from BIRMINGHAM to PRAIRIE.	611-2
478604	2/27	C&R	Copy of telegram to Ware is authorizing issue 35' motor boat 8568 to BIRMINGHAM as admiral's barge; Y	611-2

Number.	Date.	From or To—	Subject.	
88668	1/24	C.O.	Gives numbers of engines in motor launches	611--2
116183	1/28	To	Bu. record shows Sterling engine 3097, installed in motor boat 939, instead of engine 3099, as report in log	611--2
125351	5/20	C&R	33-ft motor sailing launch 1717 and 21-ft motor dory 1438 assigned	611-2
125744	5/19	At ^T orp Flo	Reports transfer of motor boat 162 from the OZARK to the BIRMINGHAM and the forwarding of old motor boat 994 from the BIRMINGHAM north via VULCAN	
125734	5/20	BIRMINGHAM	Reports taking parts of Sterling engine 3098 to put engine (20417?) received from the OZARK in good condition	611-2
129146	7/11	C&R	Motor sailing launch 939 assigned BIRMINGHAM will be sold and replaced by 1310	611-2
129334	7/8	C&R	35' motor boats 1303 and 1310 assigned to BIRMINGHAM; directs shifting of steering wheels and motor controllers from after cock pit to forward and fwd cock pit	6114
✓ No #	e/16	To CO via Boat.	Survey 57. Sterling engine 3097; turn in directed in 129146-611-2. Y	
136852	10/12	Dept	Report of board investigation on swamping of BIRMINGHAM motor boat while being towed by BURROWS; general recommendation against towing of heavy boats	611-2

1915

BIRMINGHAM: AUXILIARY MACHINERY 138 -- 11

Number.	Date.	From or To—	Subject.	
146676	1/23	BIRMINGHAM	Submits adverse report on motor boats attached to ship; recommends dual ignition system be fitted on Bu type engines	611-4
152984	4/22	Boat R	Sterling engine 3237; reqt authority to issue to	611-2
Reqn 85	4-23	To CO.	Action on reqn withheld pending receipt of survey 90. Y	
Reqn 85	4-28	To Co Via Boat.	Motor boat 962; assigned Sterling engine 3237 to. Y	
172340	11/13	CO	States Schebler carburetors furnished for motor boats wrong size	611-4
174354	12/20	G&R	BIRMINGHAM; assigns motor boat 2421 in lieu of 2735, to be shipped to the NEW YORK	611-2
177885	2/2	To CO.	Type EE engine 2225; asks number of boat in which installed	611-2
180245	2/12	CO	States compressed air whistles furnished motor boats unreliable and inefficient; appeals against Klaxon horn on reqn	735
187003	5/6	To CO T	Motor Boat 1303; asks space available for engine installation	611-2
195211	7/28	Atl Torp Flo	Reports exchange of boats with MELVILLE	611-2
198872	9-9	TO Norf	Issue GC engines 2663 and 69 to; engines 2193 and 2388 turn in	611-2

FILE No.	From or To-- (Dated)	Subject	
31342 1/23	C.O.	BOATS: motor: ignition system: gasoline tanks: etc. report on	611--2
33697 3/13	C&H	BOATS: for: location of gasoline tank, etc. submits comments	611--2
1912			
59088 12/22 12/23	C.O. Bost 9931	Reqt. extra propeller for motor sailing launch.D	
69391 5/22	To Birmingham	Motor boat 994 Bu. record shows engine to be Sterling 3098: reqt confirmation	611--2
No # 6/11	To CO and Phila.	Curver #9: Motor boat 994: repairs to propeller machinery authorized: Directs put brass plate with number 3098 on engine.	
71429 6/15	Phila.	Motor boat 994 repairs to	611-2
77466 9/6	To	BOAT: corrections in log.	611--1
81156 10/25	Phila.	BOATS: reports completion of repairs to engine 3098, motor boat 994.	611-2
1913			



BIRMINGHAM: CONDENSERS. 138-12

Number.	Date.	From or To--	Subject.
168525	10-9 10-13	CO Bost	Retube main condenser.Y To--comments and instructions 10/20
173059	12-3	Bost	Reports on test of atbd main condenser: no retubing necessary: will repack after end.Y ToNoted. 12/6
174179	12/14 12/16	CO Bost	States ship has no men available for work on condensers.Y To Bost--Cancels instructions. 12/20
207575	11-27 12-6	CO Phila	Submits estimate for reborring air and water cylinder, auxiliary condenser.Y To Phila--Appvs est. 12/8
533429	11:27	CO	Request retube aux condenser--fws sample tubes.Y To CO Auths retubing cc MI 12-10

1914

BIRMINGHAM: Condensers.

Number.	Date.	From or To—	Subject.	
114056	12/31	C.O.	Submits statement of progress of repairs, condensers, etc	138--8
114233	1-3 1-3	At Flt Dept R	Reqt condenser be reep repaired before leaving Phila. Y Fwd Dept. 1/6	
114308	1-7	Phila R Fwd S&A. 1/14	Gives number of condenser tubes required. Y (3) to Norf. instructions re supplying. 1/7 Norf are working on order (R) 1-9 Fwd Dept. rec 8/1 of retubing. 1/8 (1) to Norf. re ordering sh. mont. 1/8 Authorized (3) to Norf. ask re sh. mt. order 1/9	
114524	1-7	Phila T	Condenser tubes have not been ordered from NY pending Bu action. Y	
114572	1-8	Phila	Condensers; will be necessary to retube as well as repack. Y Fwd Dept. 1/10. RR 118	
114595	1-10	Norf R	Condensers; Phila reqt 1500, Bureau 8200 tubes. Y	
114669	1/10	Phila. R	Work on condensers can be finished 31st. Y Fwd Dept. noted. 1/12. RR 114	
114773	1/10	To Phila. R	Request date work can be finished on. Y	
126731	6/5	Boat.	Condenser tubes; submit estimate for re-newing; fwsd samples of tubes removed from. Y To---appd. 6/10.	

Number.	Date.	From or To—	Subject.	
44381	6/29	C.O.	Overhaul engine room stop valves, renew metallic packing, overhaul ice machines, etc.	138--8
			1912	
69418	4-17 5-18	CO Phila 345-140-6	Installation of steam heaters in torp. room. To Phila. appd. 5/23.	D
			1914	
126734	6/4	CO	Requests steam radiators in the Flotilla Comdr's office and Flotilla mail office. To Bost. appd. 6/9.	
			1916	
183659	4/4	C&R	Reqt information type refrigerating plant in connection with ice cream freezer. To—lives type of plant. 4/8	
203518	10/14	CO	Reqt radiators	138-8
210862	6-21	To Bost.	Directs installation of elec heater on.	662-1
			1917	
238455	7/13	Bost	Electric heater in radio room - submits estimate. To—Appvs est. 7/17	

1919

BIRMINGHAM: HEATING: REFRIGERATION & VENTILATION

Number.	Date.	From or To-	Subject.
397322	1:21	<u>Sims</u>	Copy 4215 req. 1 compressure set cylinder for Allen Ice Machine be shipped Guantanamo Y
NSA 1124-1-19 1-24		To Fleet Supply Base	Request expedite shipment compressor cylinder for BIRMINGHAM- Guantanamo Caba-
392677	2/6	Brook	Request copies of order covering compressor cylinder for ice machine - S Fwd SEA. 2-8 RB 2:12:19
NSA -1124 2/15		To Fleet Supply Base	Confirms telephone conversation relative to shipment of compressor cylinder.
620366	4/4/12 4/13	CO Caval Zone	Request repair allen ice machine Y

Number.	Date.	From or To—	Subject.	
621813	5/12	Phone to Phila	Propeller shaft for machining of sleeves Y	
623487	5/2 5/4	CO Spec Ser Sqn	Broken end of port portable shaft will be shipped to Expr Station DY	
624292	5/16	CO T VOID SEE 24	Request ship klinger glasses Y	
626285	6/2	Dept	Copy of tele ram to Expr Service Jan station port shaft for BIRMINGHAM will arrive at Caml Done 6/17 Y	
632057	7/10	Expr Sta	Broken propeller shaft from Balboa. Sample recd. Rqst instrms rel to test D	697

Number.	Date.	From or To-	Subject.
617707	FROM CARD 2		15th Dist- (T) Request disposition of remaining parts of shaft. 10/6 Y 15th Dist- (T) Re best action on telegram of 8/20 To Comdt 15th Nav Dist Balboa- T Your 1011 0950 Bu shipment order issued authing shipment Boston 10/12 Ys To Boston- Request examination be made of shaft 10/18 X 212-14

1921

Number.	Date.	From or To—	Subject.
562720	5/11	To SO MI	Propellers Regts prop be surveyed and melted up for scrap bronze— Gives instrns Y
579449	8:2	M IS	Propeller report Y
6177-7	4/8	Special Serv. qd.	Request sleeve couplings and pins for propeller shaft 4/13 T. Gives number of pro- peller section required Y To Comdr Spec Svc Squad (T) no spare available Gives instrns cc C N O- Pacific- CO 4/14
617593	4/8	To MI (T)	Ask if have shipped Boston spare port propeller shaft 4/11 T. Request status of shipment of shaft Coupling 4/10 M.I. 4/11 T No records of propeller shaft for Y To S&A- comments on price of shafts 4/14 Y. BIRMINGHAM- port propeller shaft damaged.
14718-140	4/8/22	Con Des 3qds- Comnav	

N. Eng. 134
BIRMINGHAM: PROPELLERS & SHAFTING

1922

Number.	Date.	From or To—	Subject.
617593	~~4/12~~		To S&A Regst shipment of Propeller from MI to 15 Dist 42 4/12 RB 7/6 Y To MI (T) Expedite reply to letter relative propeller shaft BIRMINGHAM 4/12 To MI (T) Comments on shaft gives inform 4/13 S&A 4/15 Authorizes reduced price of shafting Y S&A 4/28 Copy of action to Phila Y S&A Propeller shafts will be completed by 5/12. 5/6
617707	FROM OTHER SIDE		To USE BIRMINGHAM Rsts finishing of shafts be reconditioned by repair shop at Milton 4/15 Yd cc USE BIRMINGHAM Phila 4/21 Submits estimates covs mfg of propeller shaft for Y To Phila 4/21 mt made cc S&A- Asst Dept 4/24 To S&A Regst shipment of propeller shaft from Phila to 15 Dist 5/11 RB 7/6 Y To S&A Regst shipment of prop shaft from Phila to Milton 172 5/11 To Phila (T) status of shipment 5/11 15th Dist 9/29 T. Request disposition of remaining parts of shafts Y Hampton Roads 9/28 Y To 15 Dist- shipment of shafts cc Boston 10/8 Copy Vessel broke port propeller shaft while engaged in torpedo test on spare parts at MI - request expedite. Y Dept 4/21 Fwds report from CO Y
618927	4/7	AttlSpec.Serv.Sqd.	
621170	4/29	JAG	Report cov accident to port shaft. Y Fwds Navign 5/25

Number.	Date.	From or To—	Subject.	
41316	6/8	C.O.	Repairs to propellers, renew bushing strut bearings, section copper piping, etc.	155--8
44709	6/8	C.O.	Repairs to propellers, stern strut bearings copper piping.	155--8
75663	8/12	Phila. 345-164	1912 Re-wood stern tube bushing. Y	
✓ 238128	7/12	To CO To Boston Repts information re ship reft July 31st, spare R.H. & L.H. propellers. 12-29 To CO Repts information re ship spare propellers. 7-28 Repts five instructions to have propellers shipped to base from which vessel operates. 7-26	1913 2181 1217 Ask how many spare propellers and spare propeller blades can carry on board. Y R B 7/20 To Bost—Directs place propellers on board. 7/25 CO—Copy—request instructions relative to carrying spare propellers on board. Y To (T) Directs take propeller blades aboard. 7/30 To & A—Reft ship of propellers from Bost to. 7/31	
✓ 241247	7/30	Phone Bost	Propellers now installed have removable blades. Y	

BIRMINGHAM: PROPELLERS & HAFTING. 138 -- 14

Number.	Date.	From or To—	Subject.	
✓ 241446	7/30	Phone CO	Re carrying of spare propellers. Y	
995	1/8 1/10	Inscr. Title/ Inscr. Plots/	Shipping: instruc cov Birmin Lams	CC9
396285	2:18 2:18 comment. 1-12	CO Boston Boston- Gives detail	Req. auth. to turn in 6 spare propellers blades for main engines Y To CO- Auth to turn into store the two spare hub cones. copy to SO Boston. 2-20 Bost - 4/16 To S.O. Boston- Repts corrected copy of change of material sheet be fwded. 2-22	
8 396348	2-20 3:10	To CO CO	Propellers - Repts information as to whereabouts of. Yocopy to SO Boston. R.B. 2/26 To S&A- Repts to locate propellers. copy to S.O. Norf. CO JUPITER AND BIRMINGHAM. S&A proposal turned in Feb 4-- 7.13.19 To- Turning into store of two spare propeller hub cones auth. copy to CO. Ports. 3-14	
✓ 504037	7:7 To S CO-5; 5-Y	Boston D Request inform re receipt	Request disposition of thrust bearing horse show in store for Y To S&A- Request ship of Horseshoes From Boston to CO MI 3687 7-1- RB-3:28	
✓ 525679	10:21	H IS	To SO brook reast as to receiving and dispo of nat propeller r. early Y cc SO MI 10-30 RB 11/30 L To MI Reast number of plan be verified and corr number be stamped on prop 11-8	

BIRMINGHAM: PIPING SYSTEMS.

Number.	Date.	From or To—	Subject.	
V 46550	8/5 8/11	C.O. Bost 6052	Repairs to piping.Y	
47506	8/19 8/22	C.O. Bost 6358	Revised estimates for repairs to main line slip joints.Y	
53528	10/29 11/8	C.O. Bost 8588	Repairs to copper piping flushing line.Y	
			1912	
78173	9-12	Phila 345-95	Lag steam and drain line for galley copper.Y	
			1913	
90559	2-15	Phila 345-357-	Piping work in connection with Hull repairs.Y	
93905	3-20 3-28	CO Phila	Repair copper piping.Y	
126509	6/1	VO	Manifolds and main valves and fire extin- guisher piping from drums to firerooms; Requests be shifted	138-20
227685	5/2 5/10	CO Dept	Manufacture new separator for port main steam line Y	
			Cost - away for installation May 15 - ship ready May 16th Y	
			To Bost--(T)Directs expedite work. 5/14	
			To Dept--Gives action. 5/14	

NH 0120

138--16

BIRMINGHAM: FUEL OIL SYSTEM:

Number.	Date.	From or To--	Subject.
42636	5/24	C.O.	CHESTER & SALEM: rec. recommendations re converting coal bunkers to fuel oil tanks. 156--16
✓ 48556	8/22 9/3	C.O. C&R 22765-E.265	Recommends allowance be made for carrying 500 gallons gasoline for motor boats: also applies to CHESTER & SALEM. D Det. Det. records re. racing by steam launches 8/14 n.s. Det. applies to carry 500 gals. gasoline 9/18 Fwd C&R: 9/18 to C.O. appd. 500 gals. 9/18
			1912
✓ 66920	4-20	CO	Rept. authority to turn in 4 drums gasoline not required for motor boat service. R Fwd S&A. rec app. 4/23.
			1913

[illegible]

BIRMINGHAM, Workshop.

1512

1

Number.	Date.	From or To—	Subject.
67567	4/6	Hosk	Reqn 61, payment for, test not yet made. 1913 1914
132566	8-15	CO	Reqd motor driven sensitive drill be supplied.Y To -- auth 9-9
134246	9-13	Hosk	Safety devices for machine tools; est. Y To-- Appvd. 9/12
648817	10/30	CO	1922 Rqsts electrical driven lathe to replace belt driven lathe by To CO - Rqsts inform re lathe 11/16 CO - 11/13 Lathe not satisfactory N

[illegible]

BIRMINGHAM: PUMPS:

Number.	Date.	From or To--	Subject.
✓ 59182	1/19	C.O.	Fire and bilge: rubber valves required for R NY PO directed to make immediate purchase. 1/23.
59519	1/24	S&A 104469	Rubber valves for fire and bilge pump reqn. 239; NY PO directed to make immediate purchase and shipment. R
59600	1/23	NY PO	Rubber valves above, order placed with Blake & Knowles will be delivered 2 or 3 days. R Fwd S&A. Noted. 1/26.
1913			
✓ 113770	12/26	C.O.	Shift position of main feed pump, and install stop valve on each aux. feed, fire and bilge pumps. 1/26
1914			
114571	1-8	CO	Change location main feed pumps, and install valves on aux feed and fire and bilge pump. R Fwd Phila. authorized. 1/12.
117285	2-7	Phila 345-225	Main feed pumps: submits estimates for shifting position of; recommends changing lead of suction pipe in lieu of shifting pump. R To --- apd. 2/12. To Post. fwda corres. 7/24. Boat returns enclosures 7-28
294863	3-13	Co	Reqs alterations Bureau type in lieu of Crowley type valve gear on oil pumps furnished 478-8

BIRMINGHAM: PUMPS: 138 - 19

Number.	Date.	From or To—	Subject.
298317	4-11	Boston	Lubricating oil pump - confirms telephone. D
451432	10/14	Squad. 4 Pacific Flt T	Request immediate shipment of one water and complete for main feed pump - Y
6-7088	11/1	Spec. Serv. Sqd. (T)	Request water and of main feed pump be ordered for delivery to Boston. Y

BIRMINGHAM: VALVES: GENERAL.

1914

Number.	Date.	From or To—	Subject.
✓ 126509	6/1	CO	Manifolds and main valves and fire extinguisher piping from drums to firerooms; request be shifted. via Boston via CO—directs removal of fire extinguishers 6/8. 71
404471	3/19	CO	Valve gear now being installed - 3/19

[illegible]

138 --20

BIRMINGHAM VALVES: general

1✓

FILE No.	From or To— (Dated)	Subject	
35560 3/27	C.O.	reports stop valve boiler H badly cracked; not safe for use: reqt new one be shipped.	138--10
43932 7/6 7/14	C.O. Bost 5270	Reqd. repairs to feed stop valve boiler I. Y	
47370 8/12 8/18	C.O. Bost 6268	Reqd. installation of 6" out-out valve in auf. steam line. I&D	
59022 1/17	C.O.	1912 Boiler stop valve to Boiler H. Y	
62556 3/1	To Norf.	VALVES: reports unsatisfactory fibre, Asks where obtained, and if any more are instock	724
100648 7/7	To CO, Phila, Bost.	1913 Boiler stop valves: directs replacement of Fore River design.	138-10
100648 7-1	Dept	Accident to boiler No.4;	138-10
121995 3-28	CO	1914 Reqd master valves be installed on certain lines. Fwd Bost. for est and rec. 4/16. 78 Fwd Dept. rec appr 7/8. BB 7 10 appd To Bost. appd. 7/11.	



PRIMINGHAM

ALLOWANCES ETC

1922

Number.	Date.	From or To—	Subject.	
634897	7/15	CO	Request new allowance books be furn. To CO Gives instrns 8/1 CO 10/21 fwdls allowance book Y To Boston Gives action taken 11/24 RB 12/13 Y To CO- fwdls allow 11/24	Y
648361	11/9	To CO	Gives change in allowance list cc to SO vessel COL. J. H. CO. Boston L Y	

[illegible]

BIRMINGHAM: ALLOWANCES.

-1920-

Number.	Date.	From or To—	Subject.
491461	4/27	CO	Cast iron grate bars recd are of inferior quality - Request special allotment be made covering manuf of two thousand mild steel bars - Y (Cross to 10 & grate bars) To CO - Repts disappvd. 5-12 CO-6;5-Y
492964	4/28	BIRMINGHAM	Standard fuel allowance; gives scales 138-2 showing conditions of old and present operating conditions; R M
524577	10;15	CO	Request ~~new~~ portable tools and appliances listed be added to allowance list. Y CO gives want to allow list cc MI 10-22 MI 10-22
524576	10;15	CO	Request portable drill with aux and motor be added to allow list. Y To G. Gives list of changes in allow cc T - Ship- EO- 30 MI 11-4
534308	12;3	CO	Request increase in quarterly money allotment. Y RM S&A 12/17
548309	2;25	CO T	Request increase in quarterly money allotment. Y To CO (T) Addnl allotment authd cc S&A 2/26
551482	2;25	CO	Request increase in quarterly money allotment. Y To CO 3/19

138-2/BIRMINGHAM: ALLOWANCES:

Number.	Date.	From or To—	Subject.
562967	5:4	CO	Request increase in quarterly money allotmt.Y To CO Increase authd 5/12
564413	5:4	CO	Request addtl money allotment, quarter ending 9/30.Y To CO Increase authd 5/12
578512	8/27	CO BIRMINGHAM	Request addtl money allotment, quarter ending 9/30.Y To CO BIRMINGHAM - Resubmit request addtl. money allotment accordance Busch: circular letter A-1
580717	7:17	CO	
580752	7:17	CO	
582873	8:17	CO	Reqd addtl allotment \$1500.Y To CO Allotment authd cc S&A 9/1 CO-detailed reasons for reqting-9,9-Y To C via Pacific Fleet Allotment Authorized cc S&A 9/17 Pac. Fleet- Copy action to Entry Sqd. 11/10 Y CO 2/2 Y

BIRMINGHAM: ALLOWANCES

Number.	Date.	From or To—	Subject.
396395	2:18	CO	Req. auth. to turn in certain articles Fwd CO. 2-26 Y
416741	5-12	To CO	Fwds revised allow lists. I
420377	5:21	CO	Req. auth. to turn title "X" article listed Y to CO Birmingham- Auth granted to turn into store articles listed. copy to Comdt Boston. 5-27
420378	5:21	CO	re Req. auth. to turn Hirsch searchlight Y Auth to turn into store ten Hirsch lanterns. 5-27 copy to Comdt Boston- 5-27
420539	5:21 5:22	CO Boston	Req. auth. to turn in distribution box search- light panel etc I To- Auth to turn into store articles listed. 5-28

BIRMINGHAM: ALLOWANCE

1019

Number.	Date.	From or To—	Subject.
421114	5:20 5:26	CO CAR	Req. auth. to turn in chain hoists Y Fwd CO 5-27
✓ 433112	7/18	To CO BIRMINGHAM	Fwds approved cy of elec allow list Y
			-1920-
474689	1-29 authorized, 2-18 Fwd S&A. 2-18	To CO Additional allotment to be	Reqd information re over expenditure of quarterly allotment of \$550. Y CO-reqt increase in allotment be auth-2,6
474546	1:22 2:6	CO CAR	Fwds reqn covering elec flat irons reqt be added to allowance list. Y To CO- Reqn modified to include one additional 6 lb. iron in excess. 2-13
476574	2/11	CO	Reqst additional allowance of \$300 title C. \$300 title D - Y
4832845	3:17	CO BIRMINGHAM	Request increase in money allotment. Y Fwd S&A. 3-26

BIRMINGHAM: Allowance

Number.	Date.	From or To—	Subject.
67936	5-5	CO	Spare parts: reqt. shipment from Bost to Phila. To---via Phila. Home yard remains 's Boston. 5/7.
139613	11-10	CO ~~TO BOST~~	1914 1913 Reqt. authority to turn in pans received with steam proof. R to Gen by hand.
171012	11-10	CO	SE allowance: fwsd revised. R To--Returns with modi. 11/20
172011	11/20	CO	Reqt allowance list. R
173743	12/10	CO	SE allowance list: fwsd proposed. R
174077	12-14	CO	Elec: reqt. R
175143	12-29	CO	Reqt. authority to turn in mix pumps, hose, etc eliminated from new allowance. R To Bost--(R) Auth granted. 1/3
180917	2-27	CO	1918 List: elec: submits. R To-- Appvs with modi. 3/17 CO reports forwarding to Bost 4-7

1916

BIRMINGHAM: ALLOTANCES. 138-21

Number.	Date.	From or To	Subject.
188166	5-13	CO	Request authority to turn in gages and lanterns. R. Tp— Appvs. 5/19
196811	8-17	CO R	Request Flag allotment quarter ending Sept 30 R To SEA by hand 8-17
✓ 216643	2-20	SEA	Copy of instructions to BIRMINGHAM for transfer titles under which Ardais signal set was carried. R.
✓ 229202	5/19	To CO	Gives amendment to allow. R
246917	9-14	To CO	Calls attention to instructions regarding revision of allowance books. R To— ents be informed when revised lists will be fwded. 11-9 To CO— fwds allowance books. 12/8 R To— fwds Appvd steam allow list. 1-12
378259	1/9	To CO	Fwds allowance book

1917

BIRMINGHAM: AIR COMPRESSORS.

1914

Number.	Date.	From or To—	Subject.
121994	4-1	CO	Reqd repairs to torp air compressor. Y
423072	5:17 5:26 6:4	Bos on Ord C&R	Change in policy re: installation of gas ejecting system and machine guns fwdg. prints D Fwd C&R. 6-10 C&R copy of action Boston 6:13

[illegible]

BIRMINGHAM: GAGES; ETC.

Number.	Date.	From or To--	Subject.
51656	10/14 10:17	C.O. Bost 7971	Gages; reqt. repairs.Y. 1912
v 73218	7-11	CO	Reqt. Bailey Double counters. D To Bost. Reqt. status of work. 7/17. Bost. 7/20. No job orders issued. D To Phila. Directs work be undertaken. 7/24. 1913 1914
137565	Lo-20	Bost. 43221-345	Cumming Engine Log system; aka existing main engine counter gear will be retained in connection with. To-- Removal appvd. 10/24 1916
295156	3-11	CO	Urgent repairs to Cummings Log automatic system. Y To Boston - Reqt. take necessary steps to furnish material in enclosures fwded. 4-6 Bost - main spring has been shipped via NY 4/15 Fwd. 4-17 E B 6/29

BIRMINGHAM : GAGHS: TAC 138 - 24

1922

Number.	Date.	From or To—	Subject.
624292	5/16	CO (T)	Request ship klinger glasses. Y
Bu N S A Reqn 97/22 7/10 To O-I-C Hamp Tde Gauge Glasses- Request Inform RA			

Number.	Date.	From or To—	Subject.
524 03	9:30	CO PRAIRIE	Quarter ending Sept 30th.Y
526180	11:1	BUFFALO Quarter	ending September 30th.Y
537004	12:1	M IS	3-13 to 10-19.Y
539988	1/3	CO MELVILLE	Quarter 12/31 Y
541595	1/1	BU-TALO	Quarter ending 12/31/20
546876	3:5	" 13	1:17:31 to 1:17:00.Y
556986	4:1	CO MELVILLE	Quarter ending 3:31.Y
592744	10/1	CO MELVILLE	Quarter ending 9/30 Y
593483	10/31	BUFFALO	Quarter ending 1/3 Y
595662	11/16	PRAIRIE	Quarter ending 9/30 Y

Number.	Date.	From or To—	Subject.
595914	11/15	BUFFALO	Quarter ending 9/30/21 Y
604791	JAN 1 1922	CO MELVILLE	Quarter ending Dec 31st Y
606648	1;1	CO MELVILLE	Quarter ending Dec 31st Y
618269	4/7	M.I.	6/20/21 to 8/1/21 Y

BIRMINGHAM: RECORD OF WORK

1918

2

Number.	Date.	From or To--	Subject.	
512547	1-1	NY	4-7-17 to 6-7-17	
321958	5-20	Norfolk	Sept 17, 1916 to Mar 26, 1918. Y	
321959	5/1	CO	Month of May - Y	
382284	11:1	CO Buff.	Record of work completed during Oct. on Y	
451164	10-1	Mare Isl	Quarter ending 9-30. Y	
452055	10-1	CO Vestal	Quarter ending 9-30. Y	
468879	1:1	USS MELVILLE	Quarter ending Dec 31st. Y	

138-25: BRIMINGHAM: RECORD OF WORK:

Number.	Date.	From or To—	Subject.
469734	1;1	USS VESTAL	Quarter ending December 31st.Y
484149	3;15	M IS	2-9 to 3-12.Y
489328	4;1	CO MELVILLE	Quarter ending March 31st.Y
492763	5;1	CO PRAIRIE	Quarter ending March 31st.Y
503738	6-30	MELVILLE	Quarter ending 6-30-20; Y
513785	7-1	PRAIRIE	Quarter ending 6-30; Y
522530	10/1	CO MELVILLE	Quarter ending 9/30/20 Y
557232	4;1	CO BUFFALO	Quarter ending 3;31.Y
564655	4;1	PRAIRIE	Quarter ending 3;31.Y
577772	7/1	CO MELVILLE	Quarter ending 6/30. Y
590002	3;1	CO MELVILLE	Quarter ending 3;31.Y

BIRMINGHAM: RECORD OF WORK

1913

Number.	Date.	From or To—	Subject.
101380	6-30	Phila	Oct. 16/12 to June 28. Y
109134	10-30	Phila	10-3 to 10-16. Y
109226	10-31	Phila	9-16 to 10-3. Y
121277	3-31	Phila	Dec 27 to Jan 31. Y
123449	1-31	Phila	ditto
151613	4-6	Bost	June 2 to Dec 31
171691	11/18	Bost	Apr 9 to May 11. Y
172185	11-24	Bost	May 28 to June 30. Y
182193	3-19	Bost	Oct 30 to Jan 6
229537	5/18	Bost	May 11 to May 17 Y
234183	6/16	NY	Apr 7 th to June 7th Y

BIRMINGHAM: RECORD OF WORK.

Number.	Date.	From or To—	Subject.
✓ 236697	7/2	NY	Dec 13/16 to Apr 4/17 Y
✓ 239306	7/16	NY	Dec 13/16 to April 7/17 Y
✓ 243326	8/11	Bost	July 17th to Aug 8th Y
✓ 258057	10/31	Boston	July 17th to Aug 8th. To Report the numbers of engines covered by job orders 3P31 and 3P33. Boston—11/23.Y
260050	11/13	Norfolk	Sept 30/16 to Nov 10/17 - Y
269341	12/19	Norfolk	Sept 30th/16 to Nov 10/17 - Y
277739	No	CO	Quarter ending Sept. 30 Y.
305576	5-8	European Force	Month of March. Y

1922

3

BIRMINGHAM SURVEYS

Number.	Date.	From or To—	Subject.
645415	8/29	Birmingham 42-23	Magneto, Carburetor, Gauge, Ammeter Switch Y Fwds SAA 10/21 RB 1/25/23 Y SA 12/7 Y
645416	7/26	BIRMINGHAM 24-23	Mirror, Y
645417	7/24	BIRMINGHAM 27-23	Hose, Y
645418	7/26	BIRMINGHAM 20-22	Chuck, Y
645419	7/10	BIRMINGHAM 10-22	Batteries, shafts, Propellers, manifold, Y
645436	9/29	BIRMINGHAM 35-23	Pump spares, Lanterns, Portables, Telephones Y
650029	10/17	2/23	Battery Drill Chuck lathe Y To CO- Request number of engines 12/8

1982

[illegible]

Number.	Date.	From or To--		Subject.
573255	6/27	MI	95/21	Hose, Heads Y
574158	7/1	MI	100/21	Motion picture machine, Rheostat Y
574162	P 7/1	MI	-99/21	Transmission, Cover studs, Timing gear Y
575823	7/7	MI	97/21	Dynamotor armature, Battery, Hose, Vise Y
577012	7/15	Comdt	2-22	Vise Y
577234	7/20	Comdt	9/22	Type, Crank pin brass, Y
577235	7/20	Comdt	10/22	Thermometer Y
578400	7/25	Comdt	14/22	Batteries, Fans, Lamp Gauge Y
578129	7/26	Comdt	15/22	Searchlight Y

Number.	Date.	From or To	Subject.
578769	7/27	Comdt 7/22	Wavemeter Y
578768	7/27	Comdt 11/22	Reverse gear Y
596108	12:20;20 CO	1	Cylinder blocks Y
628965	12/20	Birmingham 59-21	Cylinder blocks Y
630001	2/3	BIRMINGHAM 3/22	Coil Pumps Y
639343	5/1	BIRMINGHAM 16/22	Propeller Drills Registers Gauge Y
639344	5/8	BIRMINGHAM 9-22	Gauge Y Pwds 9/8 Y
645413	9/19	Birmingham 1-23	Shafts, propeller, Y

Number.	Date.	From or To—		Subject.
477752	2:17	M IS	44/20	Sterling engine ⁴ / _{parts} .Y
477723	2:14	M IS	52/20	Various material.Y
477832	2:18	M IS	58/20	Lathe chucks ⁴ / _{is} engine cylinder blocks.Y
478829	2:21	M IS	55/20	Engine piston and general chain fall.Y
480623	3:2	M IS	68/20	Willard batteries.
480624	3:2	M IS	67/20	Radio apparatus.Y
481564	3:9	M IS	72/20	Carburetor.Y
481522	3:5	M IS	69/20	Vise.Y
482045	3:11	M IS	73/80	Engine parts.parts.Y
516926	9:7	M IS	19/21	Main engine valve rods.Y

BIRMINGHAM SURVEYS

Number.	Date.	From or To	Subject.
517878	9/8	M Is 17/21	Fly wheel starting gear, tachometer cable, connecting rod, muffler, etc Y
519225	9/15	M IS 33/21	Machinists rules.Y
519207	9/16	M. Is. 29/21	Dry cells, transmitting bulbs, batteries, etc Y
519208	9/16	M Is 28/21	Bosch magnetos Y
523356	10/7	M IS 37/21	Elec drill.Y
525244	10/18	M IS 45/21	Gaskets.Y
525246	10/19	M IS 44/21	Starting motor.Y
527223	10/12	M IS 42/21	Willard battery.Y
525665	10-20	Marc Is 36-21	Motor boat engine parts; Y
560130	4/8	Birmingham 64/21	Magneto Y To Co Regt Inform 4/30 RB-5;16-Y
573256	6/27	Comdt 94/21	Extractor, Bars, Buckets Y

143--2

BRUTUS: MOVEMENT: ASSIGNMENT: ETC.

FILE No.	From or To— (Dated)	Subject.	
29083 1/14	Dept	ATLANTIC FLEET: to leave Hampton Rds Jan19	493
		1912	
✓ 103044 8-6	Dept 8055-195	1913 To tow A-1 to Norf. barges 135 and 136 Norf to Phila. Y	
		1915	
161204 7-20	Dept	Ordered to Mediterranean to carry supplies for fleet. Y	
162525 8/2 8/3	Cham C&R	Ready to sail Aug. 4th, Y Fwd Dept-- Noted. 8/6	
428872	6:26 Div #2 Pac Flt 714	Copy Submits report of movements and sailing of vessel. A Destroyer 305 sailed with BRUTUS A	



1913

BRUTUS: ELEC PLANT

Number.	Date.	From or To—	Subject.
✓ 111703	11-22 12-2	CO Dept 8055-202	C&R alterations; recommendations requested re changed elec eng. telegraphs and night signal keyboard. L To Dept. Rec. disapp. items 5 and 13. 12/3 Fwd C&R. 12/3 E To CO. items 5 and 13 disappd. 12/8.
1915			
✓ 151592	3-23	CO	Reqt repairs to conduit, elec light, birnacle, dynamo armature, overhaul generators, wiring. L To Chas-- fwsd copy of for action. 4/7
53 ✓ 257883	9-30 12:9	Mare Is. Mare Is.	Tel. request ship loaded and armoured cable listed to. for L. to M Is (1) cable covered by shipmt orders 10-2 to S.A. Rost shipmt cable IV to M Is. 10-4 to S.A. Rost shipmt cable I to Boston 10-4 to S.A. Rost shipmt cable PG 3d to M Is. 10-4 RB 11:19 To-- Repts if not recd., 11-15

BRUTUS: INTERIOR COMMUNICATION SYSTEM:

Number.	Date.	From or To—	Subject.	
39070	5/15	Chasn 93-900	Estimates for fitting engine room telegraphs on flying bridge.L. Fwd Dept. via C&R. Rec appr. 5/20. RB 6-5 Disappr	
56661	12/18	Chas. 93	Remove telegraph wires to enable Hull Div. to repair plates.	
			1912	
			1913	
✓ 231827	5/16 6/1	M Is C&R	Submits estimate for fire control voice tubes in pilot house to guns.L Fwd C&R—6/5	
233021	6-9	C&R	Installation of fire control voice tubes.	143-5
✓ 246477	8/13	CO	Submits report on status fire control L	
✓ 338174	8-17	To C&R	Fwds inform re voice tube alterations. RB L C&R 9-23 Fwds copy of instructions to Is - L	

BRUTUS: LIGHT & POWER SYSTEMS.

Number.	Date.	From or To	Subject.
355191	10/4	M Is T	Request supply ship with one 16 inch searchlight - L To M Is, (1), re searchlight req. section 10; 16
355693	8/8	CO	Request install mushroom ventilator end top of radio room - install four inch line to ballast tanks etc.
500872	10-7	To S&A	Request ship searchlight 16 3d to M Is L To S&A Request ship searchlight NY to M Is 10-14 Shipment order Oct. 7 back Nov. 8 Shipment order Oct. 14 back Dec. 27
422202	5-21 6-4	Mare Island C&R	Request convert present support for look-out station over towing engine into searchlight platform - L C&R 6-7 C&R 6/11
500252	6;17	M IS	Parsons 50 kw generator not giving satis service-request both to remove and install 25 kw generator removed from BEAVER. L To M.I. (1) approved 6-18

BRITUS: L.I. HT & POWER SYSTEMS:

Number.	Date.	From or To—	Subject.
38623	5/10 5/10	C.O. Chasn 93-900	Overhaul dynamo engine.L.
✓ 45808	7/23 8/1	C.O. B st 5757	Reqt. work on cargo winches and dynamo engine.L
48715	9/11	C.O.	BRITUS: repairs to valve gear. d namo engine etc 143-8
55729	11/29 12/6	C.O. Chasn. 93	Dynamo engine: renew key in valve gear.L
			1912
			1913
✓ 143102	12-17	CO	1914 Reqt spare armature for gen set.L To B.F. Sturtevant Co. Reqt quotation for furnishing above. 12/31 Sturtevant Co quotes price 1-5 To keep prepared for: Will ship as soon as recd. 1/8
✓ 233021	6/9	C&R	1915 1917 Installation of fire control voice tubes L

BRUTUS: LIGHT & POWER SYSTEMS.

Number	Date	From or To—	Subject.
✓ 235232	6/13	M Is	Alterations - install lighting fixtures I To—Appvs est. 6/28
265250	11/27	CO	Request be furnished with additional 15 KW dynamo - L and Dept. 12-8 R B 12/12 to Mare Island-Dept auth install 12 1/2 125 volt recirculating generator set. 12-18 Mare Island - 5-7
273564	1-15	To Mare Island 12	Alteration to increase refrigerating plant facilities for transporting stores and men and accommodations for training of Reserve Officers and Gun's crew. L M Is--1/28.1 To(T) Recommendations appvd. 2-9
306698	5-11	Phone Phila	Generator set. Yd inquired if 24 kw set exchanged. It had been checked to for 24 kw. It had been checked to account of not having wire to rewind. Yd requested to have shipped and they would do the winding. 5-11
308820	5-20	To Lt Gerald Howe	Re telephone conversation 11 AM MAY 18 re generator sets held up shipment because necessary wiring for rewinding and will have rewinding completed and generator shipped. M L

BRUTUS: RADO

Number.	Date.	From or To—	Subject.	
209908	12-22	Pac Flt	Reports on inspection. W	
219048	3/23	To S&A	Reqt. shipment of ultra audion detector, etc., from Wash to. W	
224091	4/21	To Chasn	Change of position of oscillating transformer, etc., 11 key and relay. W Chasn - states correspondence fwd to M Is 5/4 M Is - Change in position of transformer not necessary 5/31 W	
236626	6/27	M Is	Reports change in radio apparatus W	
246433	8-29	To M. Is	Job Order on BRUTUS & NERO. disappvs install of charging panel for audion R batteries.	898
254092	10-5	CO YORKTOWN	Reports transfer of audion detector with bulbs from. to YORKTOWN; reqt be made permanent.	492-5

BRUTUS: RADIO - 143 - 5

Number.	Date.	From or To—	Subject.
256693	10/16	Best	Reports on radio apparatus assigned to-W
339039	—	—	Letter from Pacific Flt in connection with radio set for confidential files.
382781	12:27	Mare Is.	Fwd's descriptive booklet covering installation of radio tel. on
504421	27:10	M IS	CO requests application be issued.W To E.I. (1) appvd 7-12
552330	3:11 3:11	CO Pac Flt	Request long wave receiver be installed.W To O. via Pacific Fleet Disappvd cc Comdr train Pacific Fleet 3/24

BRUTUS: WIRELESS PLANT:

Number.	Date.	From or To	Subject.
✓ 38743	5/13	Chasn	Reqt. installation set; submit estimates; can transfer one installed on "VIRGINIA". To -- Removal not auth. No set suitable at present. 5/18.
52840	10/14	C.O.	Overhaul telegraph. 143-B
			1912
76155	8/20	TO VIRGINIA & BRUTUS. T	Directs transfer old radio set to BRUTUS. W
76717	8/26 8/29	To Boston Boat.	Reqt estimate for installation of new set. W Radio set; cannot submit est. until arrival of vessel. W
			1913
93990	3-29	Boat 3537-351	Radio set; reqt. orders to estimate for installing be recinded; Chasn home yard. W To -- & Chasn. Reqt Chasn submit estimates for installation of set removed from VIRGINIA and mfr of antenna. 4/5.
100706	7/2	To Chas.	Radio set; request estimates for installation of set removed from VIRGINIA be submitted as soon as practicable. W
101145	7-6	Chasn	Estimate for installation of. W To -- appd. 7/10. Fwd C&R. reqst appr C&R work. 7/10. SB 7-10

BRUTUS: RADIO 143-6

Number.	Date.	From or To—	Subject.
105336	9-8 9-9	CO Phila	Reqt. new antennae, spark gap, etc. Y To-- appd 9/10 To Phila. 10 orders should be transferred to Chas. 11/15
149131	3-6	Phila	States reqd- receiving set 121 was replaced by 273 W To-- Change satis. 3/9 To-- removed from TENN 3-13
173644	12/3 12/11	CO Phila	Estimate repairs radio set. W To Phila-- Expedite est for installation of radio trans set with wave changer. 12/13 To S&A-- Reqt for shipment. 12/15
174196	12-18	To CO.	Radio receivers; ask disposition of. W RB 12/22
175471	1-5	Phila	Estimate for installing Lowenstein set. W To-- Reqt. 1/11 RB 1/10 To-- Appvs estimates 1/11 To S&A-- Reqt shipment trans set from Phila to NY. 1/11
177235	1/26	Phila	STERLING: reqt authority to remove receiv- ing set now on BRUTUS; latter vessel has 2 412-6
178621	2-9	Phila	Submits additional estimate for installing radio set. W To-- appvs. 2/15
194834	7-28	To CO.	Repairs to secondary winding of radio transformer should be reqt'd of home yard. W

1921

BRUTUS: MACHY PLANT:

Number.	Date.	From or To—	Subject.
561711	3:25	M IS	Request instrns be furnished relative to recommissioning of BRUTUS & CO. FORT. Y To MI Gives instrns 5/6 Dept-copy of action to Mare Island 5:4 D
572694	6/30	MI	BRUTUS will be decommissioned 7/28 ; date for NERO indefinite. A
581377	8:17	M IS	Vessel placed out of commission. Y
581424	8:17	CO	Vessel placed out of commission. Y
515838	3/26	1922 Dept	BRUTUS & POMPEY placed on list of vessels to be sold.

N. Eng. 134

BRUTUS MACHRY PLANT

1922

Number.	Date.	From or To—	Subject.
✓ 616147	3/30	Dept	Directs appoint board of Survey and Estimate Y
✓ 620348	3/11	Naval Isl.	Report of board of Survey and Estimate prior to sale. Y Fwd Ops via Crd 5/3
✓ 624448	5/19	Dept	Vessel will be sold as a ship after removal of mill listed Y

Number.	Date.	From or To--	Subject.
506402	no date	Bd I'S	Report on mtg insp held June 1st. Y T. S. T. recommends installation of steel link locks and fitting copper bushings to the stems. 7-21-D. cross to Y To MI (T) Alt link blocks auth in manner record 7-23
507594	7:20	M IS	Report of estimates incident to mtg insp. Y fwd Sec 8/6 PB-8-14-Y To Mireqst completion as outlined 8-16
508732	7:28 7:30	JAG Dept ERROR SMC 142-8 BROOKLYN	Report covering unsatis condition of engineer- ing mtg on board. D&F fwd Opr 8/6
509321	8:3	Pac Flt copy	BRUTUS ready for service about August 15th relieving ASTORIA. A
510927	8:9	M IS copy	Vessel will be delayed until August 18th. A
512372	7:9 8:16	Asiatic Fleet Navy	Report on efficiency insp. Y fwd Oprns via Ordn M&S S&A 8/20
513099	8/21	CO Copy	Expect to arrive Pug. 3d. 8/25 A.
513730	8/25	Pug. 3d. Copy	Arrived Pug. 3d. 8/25 A.

143-9: BRUTUS: MACHY PLANT:

Number.	Date.	From or To—	Subject.
517897	9:17	M IS copy	Vessel left M IS for San Pedro.A
520356	10:1	Pac Train copy	Vessel at San Diego overhauling machy.A
522111	10:9	CO copy	Vessel left Frisco for Samoa.A
524340	10:20	South Seas Pac Co copy	Can furnish corpa purchased from Island Government for ballast on.A
524607	10:19	CO copy	Gives position of vessel.A
525915	10:23	CO copy	Gives position of vessel.A
526456	10:30	CO copy	Gives position of vessel.A Tutuila-copy-Vessel arrives-10:21.A
550808	8:9	CO copy	Vessel placed out of commission.A&Y
552424	3:18	Dept	Copy of letter to Pac Flt directing vessel proceed to M IS to be placed out of commission.A
553150	3:22	Dept	Copy of letter to M IS directing vessel be placed out of commission.A

BRUTUS: MACHINERY PLANT.

Number.	Date.	From or To--	Subject.	
459700	11-24	12th Dist. (copy)	BRUTUS for Puget Sound.	Y
461909	12/6	13th Dist Copy	Vessel will arrive at M Is 12/10 - A	
462921	12;12	CO copy	Vessel arrived at Carquinas Straits- M IS-copy-vessel arrived-12;11	
4 463156	12;18	Pac Flt copy	Vessel will take cargo of coal to Samoa recommends docking at M IS when finished. Dept-copy of action to M IS-12;23	
464231	12;18	M IS copy	Request authority to renew 5 cargo booms- paint bottom, etc. Y	
464341	12;19	M IS copy	Vessel left for San Pedro .A	
464797	12;20	Dept	Copy of telegram to M IS making vessel available for repairs. A&Y	

143-8: BRUTUS: MACHINERY PLANT:

Number.	Date.	From or To--	Subject.
465097 Bd IS-returns	12:23	Dept corres-7:23-Y	Instructions in connection with holding material inspection.Y To Bd IS-Fwas correspondence.1-2 1 9 2 0
466689	1:2	M IS copy	Vessel arrived at M IS.A
483866	3:26	Tutuila copy	Vessel left Tutuila.A
484421	3-30	To Pug Sd	Cancellation of job orders listed. copy to CO. Y
485854	4:5	Pac Flt copy	Request action in connection with docking of vessel.A Dept-copy of action to Pac Flt-4:9.A
487496	4/14	14th Dist Copy	Regst vessel remain at Honolulu to clean boilers and overhaul - AT Dept-copy of action to 14th Dis-4:15-AA-Y
489058	4:17	Pac Flt V O I D copy	Request vessels be made available at Pug Sd for overhaul in order listed.Y
488057	4:17	14th Dis copy	Vessel arrived at Pearl Harbor.A

BRUTUS: MACHINERY PLANT

Number.	Date.	From or To	Subject.
414626	4:29	Pac Flt	Copy - will be completed May 17 provided To Mare Island (T) - Is additional allotment required to rush work on. 5-1 M Is. tel. additional armature not required 5:1
414448	4/28	M Is	Requires repairs to crank shaft - ice machine - boilers - overhaul pump - Y To Operations. Quotes above for information. copy to Mare Island. 4-29 M Is - (T) Crank shafts out of alignment - regt extension completion date to 6/7 - 5/7 (Cross to 9) Dept - copy of telegram to M Is approving - 5/8
416950	5:8	Dept	Copy of despatch Mare Is. directing despatches be addressed Operation instead of Bureau. Date of completion set June 7 A
433923	7:15	CO copy	Arrived at Manzanillo - A
434196	7/21	CO Copy	Departed Manzanillo for Capulco - A
436297	7:30	CO copy	Arrived at Corinto July 30. A
437243	8/2	9th Dist Void Copy	Eagle 21 commissioned 7/31 instead of 7/27 - D

1932

143 - 8: BRUTUS; MACHY PLANT.

Number.	Date.	From or To--	Subject.
✓ 437247	8/4	CO Copy	Vessel left Corinpe 8/2 for Ampala.
✓ 437945	8/7	Pacific Flt Copy	Vessel will discharge all cargo coal given Cruisers at Ampala - A
✓ 438718	8/9	Cruiser Force Copy	Vessel arrived at Ampala - A
✓ 439371	8/13	Pac Flt copy	Request authority be obtained to give vessel cargo of coal at Panama
✓ 439359	8/12	Div. 2 Cruiser Force Copy	Vessel sailed from Ampala for Panama. 15th Div. copy & request make arrangements to coal vessel at Panama - 8/12
✓ 439477	8/13	Pacific Flt Copy	Request arrangements be made with Panama Canal to supply vessel with coal - A
✓ 441435	8/15/23	15th Div copy	Vessel ~~will~~ arrived Balboa Aug 23.A
442306	8/27	Cruiser Force copy	Vessel arrived at Ampala.A
444600	9/9	CO copy	Arrived Balboa San Pedro.A
447528	9/25	CO VESSEL	BRUTUS arrived San Pedro.A

BRUTUS; MACHINERY PLANT 143 - 8

Number.	Date.	From or To--	Subject.
348496	9-13	M Is	Gives list of boxes required To RGA Rqst shipment elec mat'l Ports to M Is, 9-17 Shipment ord. 9-17 RB 5-12
355693	8/8	CO	Rqst install mushroom ventilator and top of radio room--install four inch line to ballast tanks etc To MARE IS, disapproving alterations 12-8 143-5
356301	10;1	CO	Rep. on condition of machinery Y
355790	1:2	CO	Submits report on condition of machinery in boilers: qtr. ending 12;31;18
357099	1:24	MARE IS.	Copy repairs to boilers and steering gear necessary for safety of vessel Y
411688	4:3	CO	Reports on condition of boilers and machinery To York Mfg. Co. Inform in ship on machinery made giving all details of ship. 2-22
To CO and NANSHAN - MARE Island S.O. M Is. York Co to furnish complete set of cylinders liners, 5-3			

BRUTUS: MACHINERY PLANT:

Number.	Date.	From or To—	Subject.
196781	8-16	To CO.	Submit reqt for repairs to remedy defects beyond capacity of ship's force. Y
✓ 196898	8-16	Pac Fleet R Copy	Sent M.Is for 10 days urgent repairs.Y
197043	8-17	Dept	Directs material inspection.Y To Bd I&S no corres on file 8/21
198202	8-30	Chasn	Request instructions re shipping spare parts, etc to M.Is.Y To--See 196526-143-8. 9/1
200151	9-23	Dept	Repair limit extended Oct 5. y
200291	8-28	Bd I&S	Material inspection.Y
201472	9/29	M Is	Report of Board of Survey & Estimates.Y Fwd De t--10/18 RB 10-21 To--Fwds enclosures showing action on.10/21
225872	5/2	Pac Flt copy	1017 Being towed to M Is.Y

143-B BRUTUS; MACHINERY PLANT.

Number.	Date.	From or To--	Subject.
✓ 226399	5-4	Pac Flt	BRUTUS in tow; arrived San Diego. Y
✓ 226599	5/5	Pacific Fleet Copy	being sent to is in to Y
✓ 227212	5/9	GA	BRUTUS is towing - conditions satisfactory Y
✓ 248993	9/3	Pacif Flt	& NANSHAN recommends be fitted as supply vessels - Y Fwd C&R via S&A-9/15
✓ 268897	12/21	Dept	& NANSHAN cancels instrns for fitting out until such alterations and repairs to be undertaken, necessary to enable to continue operating in present condition - additional ice machine and re-arrangement of cold storage spaces will not be undertaken - A Dept--& NANSHAN-directs alterations to fit supply vessel to transport men, training of officers, etc. A To is - was com of Dept's letter Jan. 9th. Dept submit recommendation re alterations necessary to operate ship. Information recommendations 1-14 requested will be filed. 3-16 To is - & NANSHAN - will submit plans about April and May 1942 To is - will submit report - NANSHAN report Submitted 4/9 . - 4/9

BRUTON: KACHY PLANT.

Number.	Date.	From or To--	Subject.	
151593	3-23	CO	Reqt repairs to piping, exhaust valves, ballast pump, revolution counters, etc. Y To-- Recd copies of reqt of action. 4/6	
154516	5-22	Phila	Reports lost of active JO on	290-B
160968	7-17	Dept	Directs material inspection Chasn. Y	
160966	7-17	BD I-S	Reqt repair papers. Y To-- Fwd. 7/20	
126224	7/31	Dept	Date of completion Aug. 7th. Y	
163380	8-13	BD I&S	Material inspection: report. Y	
165410	9-7	Chasn	Report of board survey and estimates. Y Fwd Dept--Recommendations. 9/14 BB 9/17 To-- Gives action on. 9/17	
131812	11/20	Dept	Reqt recommendation re sending to other than Chasn id for repairs. Y To-- Rec be ordered Phila for repairs. 11/24	
132285	11-26	Dept	Approves urgent repairs Phila. Y	

143 -- 6 BRUTUS: MACHY PLANT:

Number.	Date.	From or To--	Subject.	
172107	11-24	To Chas.	Auth transfer all auth work to Phila. Y Fwd Phila-- 11/24	
173176	11-10	Dept	Military inspection: fwi's report.Y Retd via S&A-M&S-- Noted. 12/10	
174432	12/20	Dept	Jan. 31st. date of completion.Y	
176221	1/13	Phila R	1916 STEWART: submits estimate for repairs; Dept desires to place in immediate com- mission to replace BRUTUS	412-6
177174	1-25	Phila	Submits list of work and time required in connection with repair limit.Y Fwd Dept-- 1/26 RB 2/1	
177374	1-27	Dept	Repair limit extended to Apr 19. Y	
185699	4-19	Phila	Repairs completed.Y	
187275	5-9	Dept	Military inspection.Y Retd via C&R-Ord-S&A-M&S--Noted. 5/15	
195526	5/5	Dept	Home yard changed from Chas. to M. Is. Y to S&A--Retd spare parts, etc from Chas to M. Is. 8/7	

BRUTUS: MACHY PLANT.

1912

Number.	Date.	From or To--	Subject.
83412	11-23 11-23	Norf Dept	Repairs on throttles and boilers will delay vessel until 27th. Y
83560	11-25	Dept 8055-179	Norf reports will be completed 11-27. Y
85331	12-11	Dept 805-184	Report of inspection held 11-23. Y Fwd S&A. 12/18.
1913			
98110	5-24	Dept 8055-185	Will arrive Norf. for repairs about June 9. Y (R) to Chas. asks time required to install donkey boiler. 5/28. Ret--via C&R. 5/28. RE 6/11
98163	5-26	Chasn H	30 working days required. Y
98110	6/11	SEE ABOVE	To Chas via Norf. Instructions. 6/11 Ret C&R. 6/11.
99515	6-14	Dept	To be available at Chasn for 20 days after July 2. Y
99834	6-17	Norf 3153-351	Sanitary report. Y Fwd Dept via C&R. 6/19.
100655	7-1	Dept	Repair limit. Aug. 15th. Y

BELOW

BRUTUS: MACHY PLANT. 143-8

Number.	Date.	From or To—	Subject.	
101650	7-6	Dept	Asks why 25 days work at Norf was not transferred to Chasn. Y Fwd Norf. for report as to why carrying certain job orders. 7/17. B.B. 7-28 Ret---7/28.	
102581	7-29	Dept 8055-194	Reports on inspection June 13. Y To CO. web of casting of stop valve of #2 boiler cracked. Asks what steps were taken to remedy during overhaul. 8/18 Fwd C&R. 8/18.	18 RL 8-25
105088	9-4	Phila	Reports delay in leaving yard on account of unloading slide for OKLAHOMA, D. Fwd. Ord. 9-8	
110344	11-11	Dept 8055-201	Available for repairs Chasn for one month. Y	
111598	11/21	Dept	Reports military inspections:	498
114052	1-2	Dept	Report of inspection. Y Ret--- via Ord. 1/5	
125897	5/12 5/26	S.N.A. Dept.	Reports inspection. Y Ref. dept. via Ord. & S&A 5/29	
140475	10-23	Dept	Military inspection. Y Retd--- Noted. 11/27	

BRUTUS: MACHINERY PLANT: GENERAL:

Number.	Date.	From or To—	Subject.	
40215	5/31	Chasn	Corrects figures for authorized work. Y	
40377	6/3	Chasn 93-900	Submits estimates for repairs to aux. steam line, and valves, main circulating pump. Y	
41122	6/6	Bd. IAS	Report of inspection. Y — Fed Dept. 6/18.	
41750	6/13	Chasn 93	Estimate for circulating pump valve and repack- ing steam glands. Y	
41756	6/17	Chas.	LEBANON: gives dates upon which work will be completed	263--8
48277	8/31	Dept 8055-164	Inspection held July 18th. Y Ref. Dept. via Lda & Mss 9/12	
48715	9/11 9/12	C.O. Ports 2931	Repairs to valve gear, dynamo engine and pump. Y	
52840	10/14 11/2	C.O. Palle 351-2	Overhaul telegraph and renew several tubes in boiler "B". Y	
53534	11/14	Dept	Available for repairs Chasn. Dec. 1st. 25 days. Y To Chas. Directs undertake work. 11/15.	
53563	11/5 11/11	J.O. Norf 6098-2340	Re t. repairs to leaky boiler tubes; steering engine and discharge pipe from bilge pump. Y	

BRUTUS: MACHINERY PLANT: GENERAL. 143 -- 8

Number.	Date.	From or To	Subject.
✓ 55597	12/8 12/8	Chas. T. Dept.	Docking and propeller repairs authorized at Charleston; defer installation of donkey boiler as work is to be completed Jan. 6th. Y Fwd C&R-Noted. 12/9.
55728	11/29 12/6	C.O. Chas. 93	Requests repairs to pumps, valves, gauges, leaks on main boilers, lathas, ash pan doors of boilers, piping, etc. Y To Chasn-Estimates appd. 12/12.
55823	12/6 12/8	Chas. T. Dept.	Repairs: have authorized docking, painting and repairs to propellers: date of completion fixed as Jan. 6th. Y Ret Dept-12/12.
✓ 55820	11/29	Dept. 8055-166	Report of inspection held Nov. 10th. Y Fwd S&A-Items under S.E. undertaken. 12/12.
1912			
66619	4-18	Dept	Date of completion 4-27. Y Fwd Norf. 4/19. PL 4-24
69831	5-22 5-27	VERMONT Dept	Vessel to be placed in service after July 1st; reports on condition. Y Ret Dept via C&R. 5/28.
✓ 71489	6-11	Dept 8055-172	Reports inspection. Y Fwd S&A. 6/20.
✓ 83018	11-19	Dept	Ordered Norf. to repair flushing, feed, and ballast piping and wash and inspect boilers. Y To Chas. Instrns to insp. cancelled. 11/20.

FILE No.		From or To— (Dated)		Subject
33501	2/21	Dept		Report of inspection held Dec. 21. Y Fwd May. Noted. 7/18.
✓ 36734	4/4 4/21	C.O. Dept		Repairs to condensers; new windlass engine, etc. Will be ordered to Chasn. after return from Boston. Y No C.O. Instructions. 4/24. To Chas. Advising. 4/24. Net Dept via C&R 4/24.
✓ 37346	4/28	Chasn	93-900	Work can be completed in about 10 days; gives list of work in hand. Y Fwd Dept. for its information. 5/1. R.B. 5/3.
✓ 37437	4/29	C.O.		Submits list of repairs to aux. condensers, furnace fronts, valves main boilers, dynamo engine, etc. Y Fwd Dept. 5/1.
/ 37520	5/1	Dept		Will arrive Charleston; docking and necessary repairs authorized at that Yd. Y
37804	4/26	C&R	7955-E. 243	Time required for repairs: reqt. copy of S.E. action on list. Y Fwd Dept. Bu quotes 36734-143-8 of 4/24. 5/5.
✓ 38442	5/11 5/11	Chasn Dept	T	Reports repairs require 35 days; date of completion fixed June 20. Y Fwd C&R Noted 5/12.
✓ 38626	4/29 5/10	C.O. Chasn	93-900	Repairs to aux. condenser, furnace fronts, letting boiler and steam lines, engine room tergarchs, install new evaporator, etc. Y To Chas. Apprd 5/16. Correct clerical error in est. Y 5/12 To Chas. Apprd. 6/2.



BRUTUS: MAIN ENGINES.

1912

Number.	Date.	From or To--	Subject.	
76362	8/17 8/19	CO lost. 6032	Repair eccentric rod of main engine.Y	
83877	11-22 11-23	CO Norf 3221-351	Repair throttle valve stem.Y	
1913				
✓ 198345	8-21	CO	Remove present reversing gear and install new type.Y To M.I. appvd. 9-5	
414448	7 5/7	M IS	(T) Crank shafts out of alignment reqd extension completion date to 8/7.- 8/7	143-8
1920				
306402	7:21	M IS T	Recommends installation of steel link locks and fitting compen bushings to stems.D	143-8

143- 9 BRUTUS MAIN ENCL 3

1942

[illegible]

Number.

Date.

From or To -

Subject.

464839

12:2
12:12

CO
Pac Flt

Request present ^{donkey} ~~and~~ boiler installed on
be removed. D&Y

Ext. Operations. copy to CO and PAC FLT
and Cdr TRAIN. 12-23RB-12:31
to CO- No work authorized. copy to
Ccmr TRAIN AND PAC FLT. 1-2

BRUTUS: MAIN BOILERS:

1912

Number.	Date.	From or To—	Subject.
64031	3-20	Norf W	Boiler work to be completed Apr. 17h if stay tubes delivered by Apr. 1st.
63086		LEE CARD #2	Boiler tubes. to Norf. estimates appd. 3/22. FBI Dept. 3/22. R. 3-25
65066	3-25 3-29	Norf PO	Relative to reducing number of boiler tubes on Regn. 740. A Fwd SEA item 1: 130 tubes will be procured. 4/2.
66349	4-15	Norf Boiler work; earliest completion	4-27. Y (1) to Norf. completion desired Apr. 21st; asks if can do it by diverting force from NE 1-2 and by working shifts. 4/15. (1) to Norf. recd reply. 4/17.
66333	4/15	To Norf. W	Boiler work; asks if can complete by April 21st. Y
66498	4-16	Norf W	(Confirmation recd 4-17) Can complete boiler work by 20th; continuous shifts. Y To Dept. recd a pr. 4/18. (1) to 3-31; available until 27th; instructions. 4/17.
76187	8/16 8/16	CO Bost. 5971	Repair leaking boiler tubes. Y
76701	8/24	CO	States six months have passed since boilers were last inspected and tested. To --- & Chas. Directs Chas. insp. and test boilers at next visit to yard. 11/19.

6. 1913

BRUTUS: MAIN BOILERS. 143-10

Number.	Date.	From or To—	Subject.	
✓ 99251	6-9 6-11	Chasn Dept 8055-186	Donkey boiler: installation does not require docking; Dept. allows 20 days for installation. Fwd C&R. 6/12.	Y
102587	8/18	To CO	Web of casting of stop valve of #2 boiler cracked; asks what steps were taken to remedy during overhaul period.	143-8
		1914		
✓ 114674	12-30	Norr	Reports on test of boilers. Y	
132241	8-7 8-14	CO Dept	Reqt main boilers be inspected, cleaned and tested; authority granted. Y	
		1915		
173977	12-14	Phila	Hydrostatic test of main boilers Reports on. Y Retd--Asvs loc'd 5/31 cracks. 12/17 RB 1/10 Fwd Dept--1/10 RB 1/15 To--(R) Submit reqn for new furnace. 1/10 Fwd Phila-- 1/15	
271963	1-8	To CO	Boiler tubes on hand at Norf- Gives 1 st. Y RB 4-3 To--(R) Reqt ship boiler tubes from Norf to Mare Island. 4-4 Shipment order April 4th RB 6-24	
		1916		
348495	9/13	M. O. Is	Five 1/2 ton boxes remained To M. O. rest ship elect ports to M. O. 9/17	143-8

Number.	Date.	From or To—	Subject.	
42122	6/23	Chasn 93	Reports on inspection of. Y Fwd Supervisor of Nav. Aux. 6/26. RRB 14	
45685	8/3	Chasn 93	Repairs to fire room floor plates. Y Fwd Est. Estimates appear very high. 8/6. RRB 14	
52728	10/20 11/3	C.O. Phila 351-4-6	Boiler A. tubes leaking. Y	
52840	10/14	C.O.	Renew several tubes in boiler "B".	143-6
53563	11/5	C.O.	BRUTUS: reqt repairs to leaky boiler tubes etc.	143--8
55728	11/29	C.O.	REPAIRS: leaks on main boilers, ash pan doors etc	143--8
55865	11/29 12/7	C.O. Chas.	Requests repairs to main boiler, combustion chambers, ash pans and evaporators. Y	
55862	12/8	C.O. Chas. 93	Request services of boys to scale main boilers. Y	
56555	12/5 12/14 12/20	C.O. Chas. C&R 27633-E.2	Requests bilge block plans be fitted in fire room. States floor plates do not fit close enough to prevent ashes from sitting through. Y Fwd Dept. Rec. Item 1 disapp'd 12/21. RRB 14 To Chas-Item 1 disapp'd 12/23. Fwd C&R-12/23.	

1912

BRITUS: MAIN BOILERS, ETC. 143-10

Number.	Date.	From or To—	Subject.
58234	1/6	Chas. 93	Reports of result of test of boilers. Y
61388	2-16	Norf T	Inspected under steam 30 tubes leak; recommends thorough examination boilers cold. Y Fwd Dept. Rec be ordered to Norf. for examination. 2/16. To --- recst report of examination. 2/17. R. 2-20
✓ 61762	2-15 2-20	C.O. Norf 1143-1764	Partial retubing may make serviceable for one year; believes should be entirely retubed. D Norf dept. by hand. 2-24-20 To Norf. Instructions. 3/2.
✓ 62851	3-4	Norf 1367	Reports on examination boilers and submits estimates for retubing. Y
✓ 63086	3-8	Norf W	Boiler tubes; bids \$830. 40 days. \$1500. 20 days. Rec instructions. Fwd Dept. Considers lower bid should be accepted. 3/1. To --- instructions: Chas. has 18 tubes. 3/9. To Chas. directs prepare for shipment. 3/8. To S.M. recst shipment. Chas. to Norf. 3/9. To --- Instructions. 3/11. W to --- Asks when can complete boiler work. 3/12. To Norf. Recst reply 3/12. States tubes not up set; gives bids of local dealer. Y Fwd S.M. comments. 3/13. R 3-4-4
✓ 63333	3-11	Norf W	
63666	3-6 3-12	C.O. Norf 1537-2316	Estimates for scaling combustion chamber sides main boilers. Y

BRUTUS: MAIN BOILERS: ETC.

FILE No.	From or To-- (Dated)	Subject.
33746 3/10	Key West 690	Reports inspection of boilers.Y Fwd Chas. 3/22. R.B. 3/27
✓ 35864 4/10	TO Price, Mahy. Co	Steel nuts for aux. boiler; reqt. place of Mfg.S
✓ 35865 4/10	TO Bailey Lebby Co	Boiler rivets; reqt. place of manufacture.S
✓ 36136 4/12	Bailey, Lebby Co	Boiler material; gives place of manufacture.S
✓ 36768 4/20	Cramps Co	Parts for boilers; gives place of mfg.S To Chas. I.O. restd. for copies of cont. 4/22. To Ihila. Directs copies be sent to Cramps Co. 4/27. Ret Cramps. Directs insp. of steel plates and furnace. 4/27. BB 5-17 Fwd Chas. Id in conn. with 36624, even date. 5/17. BB 5-26
37437 4/29	C.O.	Submits list of repairs to aux. condensers, furnace fronts, valves main boilers, dynamo engine, etc.
✓ 38624 5/8 5/11	Cramps Sons Co Chasn 93	Complains of delay in inspecting boiler.S Fwd Ihila. for comment. 5/13. BB 5-17 Fwd Chas. 5/17. BB 5-26
38622 5/8 5/10	C.O. Chasn 93-900	Reqt. boy scalers for scaling boilers.Y To Chas. apprd 5/16.

143--8



1914

Number.	Date.	From or To--	Subject.	
116513	1/30	Boat	Reports receipt of Ferro engine 3078, motor dory 974, from	611-2
125212	5/19	To CO	Correct log to show C&R registry number of the boat in which is installed type III engine 2142	611-2
~~131874~~ VOID	8/8	To SATURN	Log reports motor dory to be 1156; correct number of 1166	611-2
131875	8-8	To BRUTUS	Motor dory 1291-is 2142 or 2192 correct	611-2
137535	10/16	Norfolk T	Reqt instructions re forwarding motor dory 842 to Guantanamo via BRUTUS	611-2
205301	11/11	C&R	Assigns motor sailing launch 2954 in lieu of 1281	611-2
211088	11-29	M. IS	Recommends assignment eng 2703 to motor sailing launch 2954 assigned BRUTUS	611-2
SE 19-71	2-12	To CO	Reqn for magneto for power boat engine.	Yb
394586	2/13	C&R	Copy of tel to M. Is directing subm no of boat assigned to BRUTUS	611-2
465101	12/23	C&R	Copy letter to Capt. O. L. ... to ...	Yb

BRUTUS: Auxiliary Machy

1920

Number.	Date.	From or To--	Subject.	
469991	1/17	C&R	Copy of telegram to Tutuila regarding shipment of boats for BRUTUS Y also copy of telegram to Tutuila regarding shipment of boats for Mare Is 1/17.	611-1
497105	6/1	C&R	Copy of telegram to Puget Sound stating 30' m.s.l. will be furnished BRUTUS from Mare Is yard: Y also copy of telegram to Mare Is authorizing issue 30' motor sailers to BRUTUS: 6/1 Y	611-2
~~564132~~	~~5/14~~	~~C&R~~	~~Copy of letter to M IS directing boats listed on board PROTEUS and BRUTUS be turned in at M IS: Y~~	~~611-2~~
564132	5/14	C&R	Copy of letter to M IS directing boats listed on board PROTEUS and BRUTUS be turned in at M IS: Y	
570700	6/20	C&R	Copy of let to CG BRUTUS asking why boats placed on board for turn in at M.I. were not turned in. Y	611-2

BRUTUS: AUXILIARY MACHINERY.

FILE No.	From or To— (Dated)	Subject.	
37257 4/25	Chasn 93-900	Donkey boiler: reqt. prints.D To -- prints fwd.4/29.	
37519 4/24 4 27	C.O. Bost 3089	Ash hoist engine: reqt. new valve stem. Y To Bost. Work apprd.5/2.	
55597 12/8	Chas	Docking & repairs, defer installation of donkey boiler as work is to be completed Jan. 6th	143--8
✓ 55865 12/6	Chas. 93	New auxy boiler: estimates for installing and removing old.Y	
		1912	
64242 3-12 3-19	C.O. Norf 1709-2507	Reqt. repairs to donkey boiler. Y	
67391 4-10 4-26	C.O. Norf 2400-3520	Repair ash hoist engine.Y	
79625 10/7	To Master m	Motor dory 974, reqt. no. of engine which should be shown in log for quarter ending 9/30	6112
		1913	
111599 12/1	C&R	Have assigned 21' motor dory 1291 to, in lieu of 974.	611--2
		1914	



BRUTUS: CONDENSERS: MAIN & AUX.

1916

12

Number.	Date.	From or To—	Subject.
309781	8-24	To CO To Comm Pac Flt.	Re condition of condensers, reqs report on same. Y To H-4. Commenting on condition of condynsers Here is. Condensers type salt water ends. List 4 yrars. -E To CO, quotes inform re condition of condensers 9-17

BRUTUS: CONDENSERS: MAIN & AUX.

FILE No.	From or To— (Dated)	Subject	
36396 4/14	Norf 213	Renewal fwd. Y fwd 3/28. Asks if cont. has been awarded on recon. 757. 4/22.	
36734 4/8	C.O.	BRUTUS: repairs to condensers: new windlass engine, etc.	143--8
38626 4/29	C.O.	Repairs: to aux. condenser, etc.	143--8
~ 38888 5/16	S&A 115268	Condenser ferrules: states original contractors unable to make delivery; steps being taken to purchase elsewhere. Y Fwd Chas. Further information should be obtained from Norf. L.O. 5/17. BB 5-26	
39690 5/23	Chas. 93-900	Renew tubes in auxiliary condenser. Y	
~ 43382 7/5 7/8	C.O. Bost 85114	Reqt. ferrules for main condenser be renewed. Y	
		1942	
		11914	
124178 5-2	Ports 1839	Main condenser: reports on crack; repaired at cost \$80. Delay ship 2 days. Y	
~ 309781 5-24	To C O to COMEN Pac/Flt.	Re condition of condensers, rqsts report on same. Y 66-6-4	

transferred to CD 2.



BRUTUS: HEATING: VENTILATING & REFRIGERATION.

1918

Number.	Date.	From or To—	Subject.	
310416	5/26	Harrisburg T	& NARSHAN - ice machines shipped complete from York Manuf Co to M Is - Y To (7) Puller. Ice machines complete shipped May 26 from Ford to M Is. 5-27 To M Is, same information 5-27	
324085	6-22	Mare Island	Alterations to increase refrigerating plant. Facilities for transporting stores and men and accommodations for training reserve officers and gun crews. fws various prints.	143-8
387007	1-21	To CO	Condition of ice machines; reports give detail report. To Copy to M Is and S.O. M Is	

BRUTUS: HEATING: VENTILATING & REFRIGERATION.

Number.	Date.	From or To—	Subject.	
✓ 227708	5/10	Pac Flt R	Recommends installing three ton ice machine to vessel recommended as standby ship Y Fwd Dept via C&R--5/14 RB 5-18 To M.Is.--Install disappvd. 5/19	
✓ 247522 ³	9/5	Pac Flt R	Request M Is be authorized to install additional brine coil for cold storage. Y Fwd Dept--9/5 R B 9/8 To M.Is.--(T) Install auth. 9/5 Fwd M.Is.--9/8 R B 10/23	
248433	8/20	CC	Submits report on cold storage equipment	- Y
✓ 249724	9-18	To Mares Is: Joint (T)	Subit report changes necessary NANSHAN and BRUTUS. Is submits estimate 9/22 Y C&R-rel to cold storage space. Y 10/2.	
249947	9/5 9/12	CO M Is	Additional piping necessary for cooling upper part of cold storage room. Y	
35455	4/20	York Mfg Co	Brutus - fwds print showing arrangemtn of ice machines and cold storage rooms--room too low to accommodate refrigerator machines - D	629

BRUTUS: HEATING: VENT. & REFRIG. 143 - 13

Number.	Date.	From or To—	Subject.	
258617	10/22	M Is	Proposed cold storage and supply-states plans and estimate. To- Plans satiz. 11-22	
263534	11/24	C&R	Copy of dispatch to M Is stating cold storage arrangement satisfactory - D	
78	12-17	M Is T	Ice machine for BRUTUS S&A have cancelled contract - state compressor already de- livered. D	629
780	12-20	M Is R	BRUTUS - ice machine undesirable to have two different types on board. D	629
273534	1-15	To Mare Island	Alteration to increase refrigerating plant- facilities for transporting stores, mail, and accommodations for training of Reserve Officers and Men's crew. Y	143-D
275966	1-23	To Calif (T)	2-4 ton CO two refrig plants one each NANSHAN & BRUTUS ordered. Recd 1228 Jan 19th Plans will be typed and yd advised when award is made. 1-23. D	
		To (T) Award made today ice machines. 2-14	M Is - R - E. NASHAN - ask when may expect delivery of ice machines. D	
		M Is (T) York Island Co state cann't give definite date - 1/17 - D		
275966	1-23	M Is T	Ice machine; asks date of shipment; also status of NANSHAN machine. D	
280475	2-11	To CO (T)	Can ice machine 7 ft. 1 1/2" be installed ice machine room? Give height between decks. Wire. D CO 2-13 Radio. Gives type of ice machine room. D.	

BRUTUS: HEATING, VENTILATION & REFRIGERATION.

Number.	Date.	From or To--	Subject.
56372	12/14 12/15	C.O. Chas. 93	Requests yard furnish steam for heating plant while boilers are under repairs.Y
75555	8/15	CO F.Is. 7817	1912 Repair ice machine.Y
141853	12-4	CO	1913 1914 Reqt 2 ton Brunswick ice machine.Y Fwd Dept via C&R--Recommendations.12/19 15
146040	1-14 1-30 2-1	Supt Naval Auxiliaries Ad L&S Dept	Board recommends ice machine plant in cold storage room; reqt comment.Y Fwd Dept via C&R-- Reqt two tone ice machine be installed. 2/9 C&R 12-1000 Fwd Forf-- 3/13 RB 3/19 To Forf-- Cancels instructions; work to be undertaken at Ches Id. 3/19 To Chas-- Auth installation of refrigerating plant; reqt estimates for work. 3/19 To Chasn disap 8-21
159812	6-21 7-7	Chasn C&R	1915 Proposed location of cold storage and ice machine Fwd C&R--Satisfactory. 7/13
160271	7/8	Chasn	Submits estimate for installing two ton ice machine; fwd; print.Y To--Appval 7/13

BRUTUS: HEAT: VENT: REFRIG. 143-15

Number.	Date.	From or To--	Subject.
✓ 187583	4-28 5-11	CO C&R	Reqt cold storage refig plans. Fwd Dept-- Comments on: 5/13 RB 5/18 Fwd C&R-- 5/23 To CO--Disappv: 5/25 Supervisor reqt reconsideration 6-6 Fwd Dept via C&R-- 6/15
190276	5-10 6-1	CO C&R	Request cold storage plan; fwsd copy of survey on spoiled provisions. DY Fwd Dept via C&R-- Comments on: 6/12 RB 6/21 To Chas--Auth installation refig plant. 6/22
✓ 195607	6/27 8/4	CO C&R	Request installation of ice machine. Y Fwd Chas--Will change delivery on reqn 474 to M. Is: 8/8 RB Chasn advises all corres for work under SE forwarded to M Is 8/21 Brook change in delivery Chasn to M. Is asks who should instruct contractors 8-28 To Brook--Will change delivery to M. Is: 8/30 To Chas--Reqt change in delivery: 8/30 ✓ Chasard & Norris relative to figuring difference in cost 9-9 ice machine; recommends purchase on West coast in lieu of awaiting delivery machine originally ordered Chasn. Y To--(R) Disappvd. 9/1
198171	8-31	M. Is	
18	9/21	Brook T	Refrig app for Brutus; reqt for inspection 2 weeks. S To (T) Asks proble date ready for ship- ment. 9/21
✓ 201280	9-27	M. Is	Refrig plant; fwsd plans of proposed arret machine, brine and ammonia lines. D To--Appvs arrement. 10/14 M. Is reqt drawings 10-13 To--Fwsd drawing. 11/1 Brook asks if shipment shall be made subject to satis inspection and operation after installation if detailed drawings are not available 11-3 To Brook--Shipt will be made as outlined by Brooklyn's letter 11/3. 11/4

BRUTUS: Propellers and Shafting.

Number.	Date.	From or To--	Subject.	
✓ 55599	11/30 12/8	C.O. Dept. 8055-168	Reports breaking of propeller through fouling gas buoy; directs same be replaced; vessel at Charleston. Fwd Nav-12/9. To Chasn-Directs install new propeller. 12/9.	
55597	12/8	Chasn	Docking and propeller repairs auth.	143--8
55823	12/6	Chasn	REPAIRS: date of completion fixed Jan 6th	143--8
✓ 55863	12/6	Chasn 93	Installing new propeller and examining tail shaft. Y To---Appd. 12/13.	
1912				
J 57685	1/4	To Chasn	Shafts: Collars to carry spare tail shaft on board. Directs ship take on board when opportunity offers. 1/4.	
57994	1/8	Chasn T	Old shaft not in condition to be placed on board; will hold until next visit. Y To---appd. 1/9.	
58386	1/9	Chasn 93	Estimates for repairs required to, shaft. Y To---appd. 1/12.	
✓ 61383	2-6	C.O.	Reqt. authority to print of their new. D To Chasn. Recst plan of. 2/17. BLM. C-8 To---fwd's print. 3/7.	

BRUTUS: PROPELLERS AND SHAFTING. 143 -- 14

1913

Number.	Date.	From or To—	Subject.
203698	10/27	To Norf	1810 Ask whether pattern for propeller of on hand. Y Norf no propeller patterns on hand 11-1
✓ 206992	12/1	To M.Is.	Directs manuf patters and spare propellers for, in accord with prints being fwded. Y 13 --- 7
✓ 234790	6/21	To M.Is. T	At first opportunity directs place spare propeller blades and hubs on KANCHAN SATURN and, to be retained on board. *
✓ 234923	6/22	To S&A	Reqt shipt of spare propeller from M.Is. to. 1919
✓ 387007	1-21	To CO void see 143-13	Condition of machy. Reqs give detail report. Yo Copy to M Is and S. O. M Is.
✓ 467050	1-5	To CO	Advise if spare cast iron propeller being carried on board. Y R B 1/26
511985	8:12	M IS	1920 Propeller report. Y
539022	12:31	M IS	Propeller report. Y To MI gives instrns re propeller report 2/4/21 D

BRUNNIS: PIPING SYSTEM.

Number.	Date.	From or To	Subject.
✓ 38526	5/9 5/10	C.O. Chasn 93-900	Installation of 1-1/2 injector and nec- steam connections. Y End Sept via C.O. Rec appr. 5/13. RB 5-22 appd To Chas. Apprd 5/23.
39164	5/17	Chasn 93-900	Remove and replace piping to permit CAR to repair tanks. Y To -- Apprd. 5/23.
55731	11/29 12/9	C.O. Chas. 93	Install direct pipe to injector of #3 tank. Y To Chasn--Apprd. 12/12.
1912			
67453	4-23 4-26	CO Norf 2396-3955	Repairs to steam piping to cargo winches. Y
83656	11-19 11-21	CO Norf 3122-351	Repairs to piping. Y
1913			

145 - 15 BRUTUS: PIPING SYSTEM

1918

Number.	Date.	From or To—	Subject.
306414	5-1	CO	Install 3 inch pipe from present discharge line of ballast pump to deck. Y Fwd C&H, 5-22
		1919	1919
7 389158	1-13 1-20	CO Pac. Fleet	Req. install ind. suction lines to aux. feed pumps 24D To Bare Island Items A & B are arvd. 1-29 Copy to CO Comdr Div 2 Pac Flt.

BRUTUS: BULPS: GENERAL:

Number.	Date.	From or To—	Subject.
45869	8/4 8/9	C.O. Norf.	Repairs to valve gear on ballast pump.Y
73469	7/8 7/9	CO Norf.	1912 Repair auxy condenser pump.Y 1913
171999	11/19	CO	1915 Reqt repairs to ballast and fire pumps.Y Fwd Phila-- For action 11/26 RB 12/10
197518	8-23	M.Ia T	1917 Main circulating pump casing corroded; renewal necessary.Y Fwd Dept 8/24 RB 8/26 Operations available M.Ia 8-25 Fwd Dept 8-24 To M Is (D) 8/26

BRUTUS: VALVES: GENERAL.

Number.	Date.	From or To—	Subject.
✓ 55864	12/9	Chas. 93	Sea valves; overhaul.Y
			1912
			1913
			~~1916~~
/ 201548	10/9	To CO	Automatic float valve in feed tanks. Removal of. Remove at once and rept to Bu. 10/9 CO reports removal 10-18 10-19

BRUTUS: ALLOWANCE.

1920

Number.	Date.	From or To—	Subject.
498594	6-10	To CO	Gives list of changes in allow list CC EC-SO vess. EC-SO M.I. Y.
517876	9-11	CO	Request additional money allotment.Y
541133	1-17	CO	Request additional money allotment.Y To CO Allot authd cc S&A 1/26/21
567940	5-27	Tac Trn	Reqd addtl money allotment for forced To CO Addnl allotment authorized cc S&A 6/7

BRUTUS: ALLOWANCE.

1914

Number.	Date.	From or To—	Subject.
119275	3/12	To CC	Returns revised list corrected and appd.R To-- Disappvs reqn #9. E/31
142690	12-18	Chasn	Rect.R To CO via Chas-- Fwds. 1/28 To-- Fwds lists. 2/9 To CO via Chas-- Changes in. 3/19
383933	1-18	To CO	Fwds one blank type "A" e lac list for revision of. Lr To hqts reply to 1-16th. 5-21
409687	4-11	To CO	Fwdg 1 blank SE allowance book - Y
✓ 422987	5-5	To CO	Fwds appvd allow lists. Ya
424663	6-12	To CO	Fwds appvd allow lists. Ya
437056	7/29	M ls	Copy of letter to P Snd fwding allowance lists - 1

PROJECTS: RECORD OF WORK

Number.	Date.	From or To--	Subject.
351876	1-15	Lare Is	Quarter ending Dec 31st - Y
369816	11:10	Mare Is.	June 1 to 11:6 Y
332658	1/1/19	M Is	Quarter ending 12/31 - Y
397295	2:16	Mare Is.	11:6 to 2:16 Y
397924	2:1	Mare Is	9-12-18 to 11:1;18 Y
414418	4/28	VOID - See 8	Requires repairs to crank shaft - ice machine - boilers - overhaul pumps - Y
439292	6/20	M Is	2/16 to 6/17 - Y

N.S.E. Form 124.

BRUTUS: RECORD OF WORK

Number.	Date.	From or To—	Subject.
452052	10-1	CO Vestal	Quarter ending 9/30. Y
469738	1;1	CO VESTAL	Quarter ending Dec 31st. Y
471988	1/1	M IS	5/1/18 to 11/5/18 - Y
477804	2;1	M IS	12-19-19 to 1-26-20. Y
508032	7-1	BRUTUS	4-19 to 4-20; Y
534944	12;1	M IS	1/26 to 8/17. Y
543277	N.S.	M IS	1,24,25 to 3,17,20. Y
642861	9/21	M.I.	9/7/20 to 4/10/22 Y

BRUTUS: RECORD OF WORK.

1913

Number.	Date.	From or To—	Subject.
102572	7-26	Norfolk	June 8 to June 21.Y
105786	9-16	Paila	Aug. 30 to Sept 8. Y
107299	10-6	Chasn	Quarter ending 9-30. Y
111815	12-2	Bost	Oct 31 to Nov 11. Y
114755	1-10	Chasn	11-22 to Dec 16.Y
119424	3-7	Bost	Jan 21 to Jan 29.Y
122903 VOID	4-15	M. Is	Dec 1 to Jan 16.Y
122898	4-19	Porta	Jan 10 to Mar 19
125195	none	Bost.	Jan.29 to Apr.7th.Y
125820	5/25	Porta.	Mar.19 to May 1.Y
135037	9-21	Norfolk	May 9 to Aug 24.Y
136849	9-30	Key West	Sept 30 to 10-10.Y
138836	11-5	Bost	Sept 12 to 17.
141366	12-1	Norfolk	Oct 14 to Oct 17

1915

BRUTUS: RECORD OF WORK. 143-25

Number.	Date.	From or To	Subject.
153831	4-29	Phila	Apr 7 to Apr 19
182850	5-25	Chasn	July 26, 15 to Aug 4, 15
1917 1917			
✓ 225075	5/20	M Is	Up to June 23rd Y
✓ 243390	8/3	M Is	Feb 25th to June 20th Y
249940	9/12	M Is	June 20 to Sept 12.Y
259192	11/1	M Is	Sept 12th to 11/1 Y
250614	11/1	M Is	Sept 12th to Nov 1st - Y
250614	8-1	M Is	Nov 1st, 1917 to Jan 1, 1918

Number.	Date.	From or To—		Subject.
497020	5/25	M Is	2 SE	Bulbs - Y
497019	5/25	M Is	6 SE	Lanterns, Reflectors- Y
497455	5/26	M Is	1 SE	Torch, Plate, Vise, Gauge, - Y
501857	6:19	M IS	11	Audion bulbs Y
503196	6:26	M IS	12	Centers for lathe.Y
503039	7:21	M IS	1	Storam battery.Y
508811	7:23	M IS	2	Blacksmith forge.Y
536119	12/15	M IS	6	Key, Phones, Bulbs Y
536866	12-15	MI	5	Motor boat parts and fire tools
537201	12-21	M I	7	elec drills and fans
575899	5/25	CO	1/2	Brasses, Pistons, Brush Y

BUSHNELL: SPECONS

1914

Number.	Date.	From or To—	Subject.
113462	12-15 12-24	Seattle C&DD Co Dept 28404-25	Asks if specons signed by Seattle Co. are in proper form for Dept signature.D Ret Det. 1/3
164535	8-25	Seattle	Fnds corrected copy of machy and elec specons.DH
243721	1/3	Seattle	Reports checking up specifications - contractors report loss of No 58 - 59 - request instructions D To—Directs have contra search for specons. 8/10 Seattle - contractors cannot locate serial No 59 - 10/27 D
511551	8:12	CO	Request covers for machy specons.D To CO. request report disposition made 8/23/20 CO - Unable to locate. 8/24 D.

BUSHNELL:

1913

Number.	Date.	From or To—	Subject.
✓ 96323	5/2	B&W Co.	Requests print showing boiler space.D To—Fwds 5/5 Returns 8-5
96486	5/5	FR T	Requests print of arrangement of machinery.D To—fws 5/5 FR returns 8-9
97541	5-17	Solicitor	Bids to be opened 19th at noon. U
97865	5-19	Solicitor 28404-9	Summary proposals received.D To Dept. recommendations. 5/29.
✓ 98404	5-25	Seattle C&DD Co	Gives consumption of oil per ton not run for insertion into contract form. D
100128	6-11 6-17	Seattle C&DD Co Dept 28404-10	accepts contract; representative will confer with Bd. re details. U
100288	6-25	Solicitor 28404-13	Fwds contract form for filling in of blanks.N Fwd Dept. 7/10.
100479	6-23 6-27	Seattle Co T C&R 29460-1.2	Representative leaving with plans and specs. June 23. Asks when formal contract will be recd.D
100957	7/7	To Dept. Joint	Proposals for construction; fws hull and machinery specs. and statement of weights. Rec be approved and sent to Seattle Co/for signature. R.R. 7-14 Fwd C&R. 7/16.

BUSHNELL: 515-1

Number	Date	From or To	Subject
101231	6-30	Seattle SEDD Co Dept 28404-15	Revised plans and specs. D
105171	9-5	Dept	Contract with Seattle SEDD Co. Fwds signed copy. D. Ref. Solicitor - satisfactory 9-11
105694	9-15	Solicitor 28404-18	Fwds copy of contract dated June 30 with Seattle SEDD Co. Inspur Fwds 9-17 To Seattle Regt. division cont price 9-17
105622	9-11	C&R 29633-E.1	Fwds contract plans: will forward specs when received from printer. D
106472	9-25	C&R 29634-E.1	Fwds specns: serial No. 39 to 43.D. To - Fwds. 10-1
106663	9-26	C&R	Fwds data submitted by bidders. D Had Dept. 10/23
107635	10/14	TO YARDS. INSURS MATRL. C&R	Maehy and Elco. specns: Fwds. D To ACADEMY. Fwds specns 10/15
106393	10/21	To Seattle	Forwards specifications for machinery and electric plant. D Seattle 11/21. contractor complains of delay of four months after date of contract before receiving printed specifications. D To - states on what contract was based 11/26

TENDER FOR SUBS. PROPOSED 1913

1913

Number.	Date.	From or To—	Subject.	
87900	1-17	C&R	Fwds plan O-428 for elec. division.L.	
87799	1/17	To C&R and Ord.	Requests revised list of electric auxiliaries.L. 281-21-	
88180	1/21	To C&R	No 2; blueprint of general arr. of machy delivered to Mr. Brill.D To---Blueprint delivered as above.2/6.	
88322	1-22	C&R 28494-E.8	Fwds print EHP curve and reqt. be furnished with weight of machinery, quantity of fuel and lubricating oil required, etc. D. To---Gives quantity of fuel oil required. 1/29.	
88981	1/30	C&R 28492-E.9	Fwds revised estimates power required for C&R electric auxiliaries.L	
89419	2-4	C&R 28492-E.8	TENDER No.2: fwds outline type plans. D.	
89951	2-4 2-6	Dept 8557-86-3 C&R 28492-E.6	Approves prelim design plan O-547. D Ret C&R via Ord.2/12.	
90213	2-13	Haynie, W.R.	Reqd. machy specs. D. To---Gives data.2/14.	
90598	2/17	Nav	Named Bushnell.	498--1

TENDER FOR SUBS: 515-1

Number.	Date.	From or To--	Subject.
81720	10-22	Gyax, Lt. 174	Wds copies from Fabrice Co. manufacturers of flat type oil engine. D
81722	10-22	Gyax, Lt. 170	Wds data on Mann type. D.
81972	10-26	Gyax/Lt. 178	Junkers type: Wds print. D
82191	11-1	Gyax, Lt.	Men type engines: Company asks Lt Bureau dealing direct with New London S&E Co. D.
83138	11-19	Hovito, W.R.	Illness has prevented taking up a section of engine: Wds print of 3500 HP engine. D
83956	11-19	Gyax, Lt. 192	Bush Sulzer Co. refuse to handle matter except direct between Bureau and their American representative St. Louis. D
83957	11-19	Gyax, Lt. 189	Wds quotations price, etc. from Fiat Company. D
84764	11-25	Gyax, Lt.	Junkers-Bussor Co. Wds proposition with print. D. Ack. 12/12. To Prof. Junkers. Thanks for consideration. 12/12.
85436	12-18	O&R	Prelim Genl arrangement: deliver prints. D To--ask receipt. 12/20.

TENDER for SUBS- : PROPOSED. / / /

Number.	Date.	From or To--	Subject.
✓ 45649	8/7	C&R 2182-A.105	Building program 1913: Quotes recommendations of General Board for characteristics.D To--propelling mach. with 10 heavy oil engines. 6 1/4. 73--Regst list giving current required for oil engs. 7/8.
47594	8/30	Solicitor	Bids for construction to be opened room 172. Sept. 1st. 12.00 M. Chief
74610	7/30	C&R 28492-E.4	1912 Preliminary prints delivered showing single screw steamship instead of internal combustion engine.D
✓ 74516	7/29	To Dept (Joint)	Characteristics. To Dept. (J) reqs. decision on type of propelling machinery. 8/12 BB 8-23 B&C with rec. 8/20 Fwd C&R 8/22 BB 8-23 B&C Fwd C&R 9-10
74893	8/3	To Ord.	Request to be informed capacities and pressures which will be required for air compressors for charging torpedoes.D
75273	8/7	C&R 28492-E.1	Proposed No. 1: Gives HI required for electric auxiliary. Can not furnish detailed list at present time.L
75104	8/6	To Ord.	Proposed Tender No. 2: Requests to be informed capacities and pressures required for air compressors; also if are to be electrically or steam driven. Ord. 8/7. Furnishes data. (Gives NIAGARA; evidently error.)D

TENDER FOR SUBS. PROPOSED. 1913. 615---1

Number.	Date.	From or To.	Subject.
75323	8/8	C&R	TENDER NO. 2. Curves of effective horsepower; two print. D.
76650	8/26	To Gyax, Emslen F.X.	Reqt information & plans of heavy oil engines.
76998	8/12	Parsons Marine Steam Turbine Co.	Questions for design for geared turbine machinery. D.
77905	9-12	Parsons Marine Steam Turbine Co	Recommend modification in proposed design turbine and gearing. D.
78085	9-5	Lt. Gyax	Gives list of firms with whom communicated for securing bids for heavy oil engines. D.
78475	9-16	Haynie, W.H.	Two copies with Lt. Gyax with Carls Report on quoting on engine and 3 sheets Lt. Gyax visit works at Bremen and Hambourg. D.
78802	9-24	Haynie, W.H.	Two description and quotation from Carls Bros. D. -- ack. 9-26
78877	9-14	Gyax, Lt. 139	Two specims, prints and quotations from E. Krupp engine Co. Kiel. D.
78878	9-16	Gyax, Lt. 148	Ditto from Sabathe Company. D.
79879	9-16	Gyax, Lt. 146	Ditto from Carls Bros. D.

Number.

Date.

From or To—

Subject.

1918

BUSHNELL: TRIALS.

Number.	Date.	From or To—	Subject.
✓ 190217	6-2	Dept	Final trial; fwds report of board .N Fwd C&R— Bu prepared make rec for final acceptance. 6/9
			19
191231	6-19	C&R	Final trial; reports action taken on SE items which involved work under C&R. N To—Have auth work. 6/21
194444	7/20	Seattle	Fwds contractor's statement relative to alleged overweight.N Fwd Dept—Rec penalty be remitted. 7/27 RB appd 9/1 To—Remits penalty overweight. 9/7
189639		CARD 6 To Sel—(Joint) Rec for final settlement. 11/7	Seattle—preliminary trial report; additional comment by contractors on operation of reduction gears, pitting of, etc. 7/27 McNeil, CS; agrees to amount 10-30 To C&R—Bu prepared to rec final settle for with SE reservations. 10/30
✓ 195512	6/26 6/28	Seattle Co Dept	Request ad interim payment pending final settlement.N Fwd Dept—(JOINT) Recommendations for. 8/5 RB 8/11 Fwd C&R—Noted. 8/11
204215	10-30	Bost	Final trial; report alterations; estimate certain items, main condenser exhaust; larger sanitary pump; print.N Fwd Dept—With recommendations. 11/4 RB 11/7 To—Gives action on. 11/7

BUSHNETT, FRANK. 515-2

Number.	Date.	From or To	Subject.
207729	12-7	Solicitor	Family accepted Dec 7.N
208196	12/7 12/9	Dept GAR	Final settlement. directs. K and GAR--Noted. 12/16
211179	12-5	CO	CO sent set will speed and endurance run at 14 M.O.S. K and Dept--1/11
243612	4-5	To Postmaster Washington	Complaint concerning registered article. Application for indemnity. Returns are returning additional copied of allowances.
365847	10-14 11-2	Emp. Forces	Work accomplished by repair dept. during settlement. Submit report 11-5 and dept. via Oklahoma 11-5

BUSHNELL: TRIALS.

Number.	Date.	From or To—	Subject.
✓ 179074	2-8	SEATTLE	Fwd's bills for auth changes.K
179163	1-24 2-15	Pug. Sd JER	Reqt ruling on responsibility for certain items. Fwd CAR-- 2/17
180498	2-10	CO	To--directs inform contrs of overweight 3, 21 To--Instructs re preparation of future Seattle re weight repts 4-10 Seattle fwsd contrs letter protesting against 3/31 Steaming trials; reports on. N
183151	3-28	Solicitor	Prelim accepted Nov 20.N
183160	3-27	Dept	D. rect's prelim acceptance and settlement. N Fwd CAR-- Vouchers arive 5/50
185577	4-19	Seattle	Request to have representative on final trial; nominates EHB Anderson. N Fwd to 1--rec 4/24 RB 4/27 To--Appvs: 4/27
✓ 187042	5-6	Bd I&S	Final trial; reqt list of uncompleted work. etc. Submits list, 5/11 Bd I&S returns 6/13

BUSHNELL: TRIALS. 515-2

Number.	Date.	From or To—	Subject.
187271	5-1	Seattle Co	Request copy of report on performance Pacific and At Coast. N To—Fwd. 5/13
187303	5-9	Solicitor	Rept machinery spears for trial board. N To—Fwd. 5/10
187336	5-9	Dept	Final trial: copies of orders to Board. N
187416	5-10	Post	Ready for final trial May 17. N
187401	5-5	Seattle	List of tools, spares, etc., furnished by contractors, with prices. N
189639	5-18	To Post—	Seattle work charges to courts done by court on 10/11 To Post—Desires state of work Bd L&S 2 copies 5-13 Bd L&S report on gun firing 5-13 Hel. C&H 6-26 C&H 6-5
190012	6-5	Seattle	Official trial data: request authority to publish. C
190216	6-3	Seattle	Request authority to publish resume of trials and Genl description. C

1915

BUSHNELL: TRIALS.

Number.	Date.	From or To--	Subject.
171471	11/16 11/17	Seattle C&R	T Ready for delivery 23rd or 24th; reqt contractors be authorized to deliver at Puget Sound. N To Seattle--(T) Report readiness delivery. 11/18 Seattle reports on. (T) 11/18 Fwd Dept--11/19
171800	11/20	Seattle	T Recommends delivery be authorized Nov. 20; everything complete except parallel test of gen set. N
171995	11/20	Solicitor	Delivery authorized when completed to satisfaction of Inspector. N
172384	11-23	Seattle	Delivered Pug. Sd. Nov 20. N
172528	11-29	Solicitor	Delivered Feb 20. N
172699	11-26	Seattle	Reservation for uncompleted work; submits recommendation. N
	To C&R--	Reservations for 7/10	To Dept--(J) Rec for prelim settlement. 3/23 To C&R--Reservations for. 12/7 To Dept--(J) Rec for prelim settlement. 3/23
173046	12-1	Seattle	Monthly report. N
	11-23	C&R.	
172531	12-4	To C&R.	Report of Bd on Prelim Trial; comments on certain items in. N To Pug Sd--Auth work under item 32c. 12/4
173103	12-1	Seattle	Fwds contractors claim for extension time. N Fwd Dept via C&R--rec extension 90 days. 12/7 Fwd Dept--Fwds statement on. 12/23 RB 3/24 To--Gives Dept's action on. 3/25

B. SNELL: TRIALS. 515-2

Number.	Date.	From or To—	Subject.
173135	12-6	Seattle Co	Rec'd all items of uncompleted work, etc For Dept via C&R-- 12/7 Dept copy of tel to 12-9 Fwd C&R--Noted. 12/7
173182	10-27 12-6	Dept C&R	Freight trial: Fwd for report and recommendation.
173742	12/11	Dept	Assigned as tender to the L. type on arrival on Atlantic coast. Y
174772	12/24	Dept	Copy of orders to CO relative to movements, trials, etc. N
174750	12/22	Seattle	States procedure followed in computing tin- ished weights: contractors request protest against including elec wiring, lights and fix- tures under penalty weights. D to Dept detailed report on all parts initiated. 1/29
176111	1-16	Seattle	Contractors submit bills for extra items of work Fwd Dept via C&R--Comments on. 1/14 RB 2/8 to--Gives Dept's action. 3/8
177025	1-19	Seattle	Certificate of class and report of Lloyd's inspection. N to Dept--with certificates. 1/25
177805	1-24	Pug. St	Re t responsibility for certain work be determined on: submits items. N to--Consider contr's responsibility. 2/3 Pug. St 2/24
178792	1-31	CO	Rec'd trial trip data. N Fwd Bd 145-- 2/12

BUSHNELL: TRIALS:

Number.	Date.	From or To—	Subject.
159686	7-6	To M.I.s.	Prepare two Bailey counters now in store at Yd for shipment to Seattle for use on trials of N To Seattle--Have directed shipment. 7/6 To S&A--Reqt for shipment. 7/6 To S&A--Reqt shipment to M.I.s. 11/23
160298	5/30	Seattle	Monthly report.N
160570	7-10	Seattle	Contractors protest against furnishing plans showing location of trial instruments.N To--(T) add plana not required. 7/15
✓ 160669	7-7 7-14	Seattle Co. C&R	18th payment; appeals against reduction; makes application for extension time.N Fwd Dept via C&R--Rec action be withheld pending actual delivery. 7/16
160809	7-12	Seattle	Recommendations Aug 15 be set for trials.N Fwd Dept via Bd I&S--Noted. 7/19 RB 8/5 To--Gives action on. 8/6
Y 161077	7-6 6-20	Seattle C&R	Claim for extension cont time.N Fwd Dept via C&R--Rec be granted. 7/21 RB 7/230 To-- Gives Dept's action on. 7/31
161203	7-10 7-21	Seattle Co. C&R	Reqt Aug 15, be set for trial.N Fwd Dept via Bd I&S--Concurs in. 7/23
162256	7/29	Bd I&S	Reqt draftsmen be detailed and instruments furnished for prelim trial.N Fwd Seattle-- For compliance. 8/2
162292	7/30	Solicitor	Fwds copy of orders to Board on Prelim trial.N

BUSHNETT: TRIALS: PAYMENTS: ETC. 516 - 2

Number.	Date.	From or To--	Subject.
162289	7/20	Boltonfor	Best copy specimens for Trial Board. N
162178-	8-2	To Seattle.	Inds corrected copy of machy specims to Trial Board in connection with trial of N Seattle have furnished 8-16
164139	8-18	Seattle	Unofficial builders trials: submits data cm.
165256	8-31	Seattle	Monthly report. N
166617	9/24	Seattle (2)	Trials satisfactorily completed Sept. 16: report being compiled. N
166611	9-24	To Seattle. (7)	Report status of trials: N
167326	10-2	Bd L&S	Best unit to be followed in determining oil consumption. N To Eng 3d--(7) Use 19500 B.T.U. per lb. 10/4
167578	9-20	Seattle	Monthly report. N
169480	9-16	Bd L&S	Prelim trial: report. N To Seattle--Inds copy above. 10/28 Seattle--cont'd have no comment to make Monthly report. N
170511	11/3	Seattle	11/16

BUSNELL: TRIALS.

191

Number.	Date.	From or To--	Subject.
✓ 142555	12-15	Seattle 1673	Fwds contractors claim for extension 5 to 6 days due to Bu delay in acting on accumulator plans for air compressor. N To-- Instructions. 12/21
✓ 142658	12-17	Seattle 1682	Fwds claim for extension of time due to delay in approving plans by Bureau; Generators. N To-- Instructions. 12/22
142645	12-12 12-23	Seattle Co Dept	Fwds claim for extension time due to delay in acting on accumulator plans by Bu. N Fwd Dept-- 12/26
✓ 143009	12-21	Seattle 1693	Trial equipment: reqt Bu take steps to provide. D To-- Fwds prints on. 1/29
145457	1-18	Seattle	15th payment. K
146572	1-31	Seattle	Monthly report. N
146772	-2-9	Seattle T	Launched 11:30 Feb 9. N
147368	2-16	To Seattle.	Prelim trial: gives instructions for. N To Bd I&S-- Fwds copy above. 2/16
148445	2-19	Seattle	16th payment: reqt. K

1915

BUSHNELL: TRIALS. 515-2

Number.	Date.	From or To.	Subject.
149165	2-28	Seattle	Monthly report.-N
✓150248	3-18	Seattle	Claim extension of time due delay in securing rejection gear. N To-- Comments on. 3/22
✓150997	3-26	Seattle	Claim extension contract time. N Rwd Del't via C&N-- Comments on. 3/18 4/13 To-- Comments on. 4/13
152018	3/31	Seattle	Monthly report.-N
152284	4-8	Seattle	17th payment.-K
✓152342	4-14	C&N	Re contractors claim for extension, cont N of be extended. 4/16 HB app'd 4/26 To Seattle--Extension of time. 4/27
154506	?	Seattle	Monthly report.-N
156998	6-1	Seattle	Monthly report.-K
156142	6-4	Seattle	Request detail of machinery and notes
157756	6-7	Seattle	Final equipment: Rwd D.H.N Rwd BD 143-- For comment 4/5/18 HB 7/6 To-- (1) Given action on. 4/5/18 18th payment.-K
✓158606	6-16 To--7/7	Seattle	

BUSHNELL: TRIALS.

1014

Number.	Date.	From or To—	Subject.
✓ 130601	8-19 7-22	Supt Constr Seattle C&R	Lloyd's Society refuses to give Lloyd's certificate unless engines and boilers are built under supervision of Society surveyor. N Ret C&R comments. 7/24.
131919	8-1	Seattle	Monthly report. N
131927	8-5	Seattle	7th payment; reqt. K
132399	8-12	Seattle	8th payment; reqt. K To-- request name of vessel be inserted in future certificates of insurance. 8/17.
132457	8-6 8-17	Supt Constr Seattle C&R	Lloyd's registry; Seattle Co. are taking steps to secure necessary certificate. N Ret C&R. 8/18.
133746	9-4	C&R	Steam Boat Inspection Service; specs call for conformity with American Bureau of Shipping Rules; no specific reference to certificate. N Ret VIA Bd I&S recommends be not reqd 9-9 Fwd C&R-- Noted. 10/14
134008	9-4	Seattle	Monthly report. N
134715	9-11	Seattle	9th payment. K
135413	9-25	Seattle	Weights; reqt instructions re classification of turbines. D To-- instructions. 9/26

BUSHNETT: TRIALS. 515-2

Number.	Date.	From or To—	Subject.
136307	9-30	Seattle	Monthly report.N
136315	10-2	Seattle	10th payment.K To-- Error in payments. 10/9
136681	10-7	Seattle	11th payment:rgt.K
137728	10-17	G&B Solicitor	Steam boat inspection certificate. Asks what steps being taken to secure.D Rwd Dept--comments. 10/24
138199	10-22	Seattle	12th payment:rgt.K To-- Error in payment. 10/30
139014	11-1	Seattle	Monthly report.N
140103	11-10	Seattle	13th payment. H
141462	12-2	Seattle	Monthly report.N
142093	12-9	Seattle	Contractors request extension time.N To--Instructions. 12/10
142311	12-10	Seattle	14th payment

BUSHNELL: TRIALS: ETC

1913

Number.	Date.	From or To—	Subject.
✓ 107766	10-13	Seattle T	Seattle plant damaged by fire: Govn vessels not injured.D Fwd Dept 10-16
✓ 108246	10-13	Seattle 268	Fire at works: no Govn vessels damaged: believes cannot be used as claim for delay on Govn contracts. N Fwd Dept via C&R 10/20. RR 10/20
✓ 110998	11-6	Seattle	Proposed subdivision contract price machy and hull. N To C&R satisfactory 11/14 C&R satis. 11-26 10-7-11 appd. 12/2
✓ 112709	12-9	Seattle 398	* NAVY TUGS: submits claim for extension, due time taken by Govn in approving plans.D To---fwd copy 108671-631-3, etc. request report of inspection force becomes inadequate. 12/20.
✓ 113700	12-23	Seattle	Proposed subdivision machy allotment. N To---C&R supply 108671-631-3, etc. 1/16
✓ 114592	12-31	Seattle	Monthly report. N
✓ 117248	1-31	Seattle	Monthly report. N

1914

BUSHNELL: TRIALS. 515-2

Number.	Date.	From or To—	Subject.
✓ 117500	2-6	XSeattle	3rd payment: regt. K Form 1-2 pass to be furnished with future payments. 2/12
119395	2-28	Seattle	Monthly report. M
✓ 121771	3-31	Seattle	Monthly report. M
122393	4-7	Seattle	4th payment: regt. K To—form 88 should accompany all future payments. 4/14
124481	5-1	Seattle	Monthly report. MN
126428	6/3	To Lt. J. Hannigan & Seattle	3rd on changes appointed. Lt. Hannigan Senior member. Instructions. N
✓ 126812	7	Seattle	Monthly report. N
127141	6/6	Seattle	5th and 6th payments: regt. K To Dep't. and new issue papers 6-11
127499	6/10	Par. Sq.	Lt. J. Hannigan, etc. Board on changes: Asks who are members. N To—6/17
✓ 129262	6-30	Seattle	Monthly report. N

BUSHNELL. ELEC PLANT.

1915

Number.	Date.	From or To—	Subject.
✓ 153899	4-28	Seattle 1968	Finished plans; elec: reqt instructions on loose leaf covers. L To--instructions. 6/7
170663	11-8	C&R	Gold storage space; insulation of DH
188627	5-16	Pug Sd	1918 Fwds data for Record of Elec Appliances. L To Bost--Fwds prints of, 7/15
189185	5/25	Post Office, Chicago	Record of Elec Appliances: have received box with no address; reqt instructions. L To--& To Seattle--reqts be fwded to Bu: asks Seattle who second copy is intended for? Seattle Pug Sd handled disposition 5-31 Pug Sd Record intended for Bost 6-1
✓ 192506	3-27	Seattle	Finished elec plans; fwds. L To--Reqt additional tracings. 5/5
✓ 195815	8/2	Seattle	Finished plans; elec plant, gen set, leads to engine room gongs, etc. fwds. L To--Reqt tracings of. 8/12
✓ 195811	8/2	Seattle	Seattle asks if tracings recd 8-18 Finished plans; gen sets, speed indicators, etc; fwds tracings. L
52	11/3	To Phila	Reqt contr be fwded to Elec Stor Bat Co. LR

515-3 BUSHBELL ELEC. TLMPT.

1921

Number. 601924 621885	Date. 12/23 7/13	From or To— CO TO WORK 1912	Subject. "Hanging cables for submarine detectors— recommendations for insulation of." T ELEC. TLMPT. Report of Elec. Rpt. Data 1912

[OVER]

NH-0120

Number.	Date.	From or To--	Subject.	
80239	10/11	To Ord.	Electric Power, reqts list of auxiliaries	515--1
87799	1/17	To C&R & Ord.	1913 TENDER, reqt revised list of elec. aux.	515--1
88981	1/30	C&R	Fwds revised estimate power required for C&R elec. aux.	515--1
105650	9-8	Seattle 226	Ret. type elec. plans, I-c, Lighting and power. To C&R reqt prints of general arrgt deck plans. 9/16 To -- fwds specs. and plans to be forwarded later 9/16 To -- fwds. prints 9-24	
106395	9-19	C&R 29633-E.5	Fwds contract plans for elec. Division. I	
107007	10/3	To C&R	& MELVILLE: power system, reqt list of elec. auxiliary.	510--5
107935	10/15	C&R	& MELVILLE: gives " do	510--5
113513	12-20	Seattle 441	Elec equipment: reqt type plan. I To CE, fwds plans 12/29. plant and drawings for guidance.	

BUSHNETT, ELECTRIC PLANT, 515-3

Number.	Date.	From or To—	Subject.
✓ 116421	12-6	Seattle 545	Regt type plan covering desk lights, distribution panels, fuel oil indicators. 2/3 To---Rwd. prints. 2/3 To--- Regt further information. 10/9
121022	3/28	To Seattle	Form N.S.F. 30. Report on insulation of Elec. plant, should be filled out at regular periods. 1
124854	9-15	Seattle 286	Elec plans: standard: regt. 1 To NY--- Reg drawings by Rwd Seattle, 9/30
✓ 141015	11/27	Seattle	Electric plant: regt information relative to fixtures, etc. 1 To--- instructions. 12/4
143011	12-21	Seattle 1608	Regt instructions for conducting test of elec equipment. 1 To--- instructions. 2/17
146290	1-18	Seattle 746	Seattle regt drawings by Rwd Seattle. 5/18 To NY--- Regt drawings by Rwd Seattle. 5/18
147126	2-8	Seattle	Regt instructions for conducting test of elec plant. 1 To--- Have been fwd. 3/5
149538	2-26	Seattle 1 836	Elec plant: changing rheostats have not been supplied. 1 To--- instructions. 3/3
✓ 151119	2-27	Pug. St	Record of Elec Appliances: regt by supply covers. 1 To--- Rwd. 4/5

BUSHNELL: INT COM SYS.

1915

Number.	Date.	From or To—	Subject.
145523	1-20	Seattle 1754	I-C switchboard: plans.L To--Appvs with comment. 1/29
146507	2-4 25	C&B Ord 29887-R.2	Voice tubes; plans.L Fwd C&B-- calls to U. 2/9 To Seattle--Fwds copy above end. 2/9
147311	2-8	Seattle 1813	Shaft revolution indicator; arrgt driving gear; plan.D
147356	2-18	Seattle	I-C system; voice tubes, etc. Fwds plans.L
✓ 147821	2-17	Cory, Chas Son	I-C switch panel: fwds tracing.L To--Returns Appvd. 2/23
152063	4-6	Bd on Changes, Seattle	Additional mechanical telegraphs in chart house: inc cost.N To-- Reet copy of order for. 4/13 Pg. 5d no letter on file 4-23 To Seattle--Fwds copy report: Appvd. 5/12 To-- Sate matter closed: 5/14
152258	4-9	Bd on Changes, Seattle	Omission of automatic feature for elec whistle: decreased cost. L To Seattle-- Fwds copy above. 4/14
152425	4-9	Bd on Changes, Seattle	Additional voice tube calls: inc cost.L To Seattle-- Fwds copy: Appvd 4/17

BUSHNETT: INT COM SYS. 515-4

Number.	Date.	From or To	Subject.
155017	5-10	Seattle	5" guns: firing and lighting circuits. L Fwd Ord-- 5/17 RB 6/3 Mechanical bell pulls. L To-- FPA with comment. 5/16
166180	5-30	Seattle	1989
167196 4	6-8	RM Pitts	I-C motor generator: Fwd test sheets. 8 To Seattle--Fwd reports. 6/10
173416	12-9	To M.I.s.	Voice tube calls; with installation return calls between bridge and steering engine. L-Y
193362	7/8 7/12	CO Navy	Request bridge repeater plugs for gyro com- pass. L Fwd Sea--NY directed to manual. 7/13 To NY--(H) Direct manual or plugs. 7/13
239548	7/18	CO	1917 Reports on status of fire control installation L
244253	8/15	CO	Reports on status fire control system L
730861	7-29	To CO	Commenting on install of voice tube head booth L

1914

BUSHNELL: INT COM SYS.

Number.	Date.	From or To--	Subject.
136028	9-29	Seattle 1350	Fire alarm system; wiring plans: fwds.L To-- Appvd with modi. 10/6
136108	10-1	Seattle 1359	I-C system; fwds wiring plans for whistle apparatus. L To-- Appvd with modi. 10/6
136345	10-2	Seattle 2539	Voice tube calls; fwds plan.L To-- Instructions. 10/12
137598	10-17	Seattle	Warrent officers call bells; print.L
138177	10-24	Seattle 1475	I-C circuit W; whistle operator; plan. L
138175	10-23	Seattle	Boat hour gong system on I-C circuit; plan. L.
138580	10-28	Seattle 1533	Fuel oil indicator system; plan.L
138582	10-28	Seattle 149	I-C motor generator; fwds plans, specs. L To--Appva with modi. 11/5
138577	10-28	Seattle 1498	Fire alarm system; fwds plans.L

BUSHNETT, INT COM SYS. 515-4

Number.	Date.	From or To.	Subject.
138921 VOID	11-4	Bath	Comp linked flanges for piping: plans.D
138919	11-2	Seattle	Circuit B - ward room callst: plan.L
138920	11-2	Seattle	Circuit E: voice tube callst: plan.L To-- Appvs with modt. 11/7
133084	11-3	Seattle	Circuit A Capt's callst: fws plans.L
140136	11-16	Seattle	Fuel oil indicator at stem: fws plan L To-- Appvs. 11/21
141167	12/2	Ord	Voice tubes: fws plans.L Fwd Cdr - gives modifications in. 12/8 To Seattle-instructions. 12/8
142607	12-10	Seattle	Engine telegraphs: plan.L To-- Appvs. 12/24
144121	1-6	Seattle	Change in cost I-C system in connection with omission elec operated whistle.L To Bd on changes for 34-- 1/14 Additional voice tube callst in engineers office and engineers room: the cost.L To-- Regt Trint: not rec'd. 1/23 Prelim appvd plans 1662-1663 for interior communication switchboard. L
144563	1-6	Seattle	
144567	1-15	To Chas Cory.	

1915

BUSHNELL: INT. COM. SYSTEM.

1913

Number.	Date.	From or To—	Subject.	
✓ 109046	10/29	To C&R & Ord.	I-C System: fws drawing 2146-L L Ord satis 11-4 To C&R noted 11-10 To Ord fws 11-10 To Seattle. Fws print's 2146-L showing prel. list and diagrams of means for in- terior communication. 11/12	
116421	12/6	Seattle 545	Best type plan covering desk lights, dis- tribution panels, fuel oil indicators, etc.	515-3
✓ 116691	2/26	Seattle 545	Omission of fuel oil indicator system and automatic feature of whistle operating sys.; L To---Sp does not furnish type plans. Sp desires electric "at will" whistle - change in cost. 2/6.	
121057	3-24	Seattle 683	Reports on apparant shortage in specs covering I-C apparatus for steering purposes. L To---authorized installation of mechanical engine telegraph - inc cost. 4/9.	
✓ 128058	6/18	Seattle 975	Mechanical telegraph charthouse; estimate inc cost. L To---action deferred. 6/25.	
133207	8-24	Seattle 1202	I-C motor generator: submits description of GE type proposed. L To---Appvd. 9/1	

BUSHNETT: INT COM. SYS. 515-4

Number	Date	From or To	Subject
133776	8-31	Seattle	Storage batteries for I-C: submits specimens. L To -- Appvd 9-8
133927	9-1	Seattle	I-C plans: twds. L To -- Appvd with mod. 9/10
134121	9-5	Seattle	Rudder indicator: twds plan L To -- Appvd subject to test: 9/14
134086	9-5	Seattle	Mechanical telegraph and bell units, etc. b/p L To -- Appvd subject to test: 9/14
134456	9-10	Seattle	Elec shaft revolution indicator: plan L To -- Chas. Cory have been recd to furnish information. 9/16. To Chas Cory Co -- Reg furnish PS with information. 9/16 Cory have twd to inspr 9-17
135447	9-23	Seattle	I-C wiring: twds plan L 10/1 To -- Appvd with mod. 10/1
135615	9-24	Seattle	Circuits for fuel oil indicator system and revolution indicator system: plan L To -- Appvd with mod. 10/2 Seattle print 10-15
135726	9-26	Seattle	Genl alarm cone: wiring plans: twds. L To -- Appvd with mod. 10/15 Seattle twds plan 10-15
135916	9-28	Seattle	Rudder angle indicator: wiring plans: twds. L To -- Appvd with comment: 10/5
135915	9-28	Seattle	Best hour cone: system: wiring & pass. plans. To -- Appvd with comment: 10/5

BUSHNELL: MISC LIGHT & POWER:

Number.	Date.	From or To—	Subject.
395781 ✓	2-19	To CO	Storage Battery Water - Repts test of and if facilities are not at hand for some fwd sample of water to Naval Medical School for analysis. L CO gives description of distilling plant in connection with distilling water for batteries 3;25
425042 ✓	6;10	CO	Req. modern rheostats. L To CO- Reqt appvd. 6-18 copy to Comdt Phila.
			-1920-
498278 ✓	6/7	S&A	Aircraft factory instructed to ship at once 4 storage batteries to BUSHNELL - L
523173	10/13	CO	Request repair motor. L And IL MRF 10-18
			1921
523229	7/11	CO	2 st Battery ... To CO (T) work authorized 7/16
525252	7/11	D-rt	2 st Battery ... To CO (T) work authorized 7/16

Number.	Date.	From or To.	Subject.
595071	11/3	CO	Rem st install cooler on lubricating oil s. lics to Mr. O. S. Alon. Bats. T. Rd do USS BUSHNELL 11/22 LX RB-12:12-L Rd Mr 1 cc cc 3/17 1 LX More 4/26 Request auth to remove oil coolers to Mr 1-22 rel for for removal of oil on L coolers 5/10
636580	8/7	Mr T	No 24. motor launched in used material account available for issue to BUSHNELL same are available in NSA Y 611-5
649648	11/9	CO 3rd Div 4p	Has a install 7-1/2 HP motor on dynamo in building a crane 11/24 To CO- gives action taken 11/24 To SEA Request shipment of motor from this to CO 1957 11/21
649647	11/8	CO 3rd Div 4	Has a exist ship stores in inst. 11/18 all items and 300 lbs. taken 11/18 To Mr 1-22 1 To NY 12/19 To NY 12/24 To CO - gives action taken rel work 1/11 TO CO - authy Granted 2/10/23

BUSHNELL: LIGHT & POWER.

Number.	Date.	From or To--	Subject.
186907	5-3	Bost	Request purchase of starting panel for booster motor be approved. L To--Disappvs. 5/24
190466	5-13	To CO.	Generating sets: reqt further information as to unsatisfactory operation of, L To RB considers "not satisfactory" typographical error; believes report of Board should read "now satisfactory" 6/22
193006	7-6	GE Co	Booster set; vandykes.L To Bost-- Fwds prints of, 7/18 To--Appvs plans, 7/19
✓ 194978	7/27	G E Co	Booster set; request approval and return of drawings submitted with schedule.L Retd--Noted, 8/1 RB 8/5
✓ 198316	9-2	To CO.	Searchlights: two 36" lights shipped from NY to New London for TONOPAH will be installed on BUSHNELL instead. RB 11/18 To--plans, 11/25 CO 2-24" searchlights shipped NY for Norf 12, 26
199463	9-31	CO	Req. accurate ampere/hour meter.L Fwd CO--Req. name plate be submitted. 9/28 RB 10/3 Fwd Bost--For est and rec. 10/6 RB 11/6 To Bost--Auth to provide new dials. 11/7
250375	9/14	Phila	Req. authority to cancel job order providing for present switchboard method of throwing two generators in parallel.L

BUSHNETT, LIGHT & POWER, 515-5

Number.	Date.	From or To	Subject.
208779	12-13	CO	Reports non receipt of signalling searchlight. To--Will be delivered about Jan 1. 1917. 12/20
234042	6/12 6/16	CO Phila	Request authority to turn peak lights in to store 1 To via Phila--Grants auth. 6/21
241300	7-29	Phila	Electric welding outfit; asks when delivery may be expected and sent by express. 12-18 make of motor generator and switchboard.
247507	8/30	CO	Request authority to turn in store switches and cable - 1 To Phila--Apvs reqt. 9/10
250675	9-28	To Phila OVER	Cancellation of order apvd. Reqs reasons Officers Phila - reasons for cancellation 1/4 1 do not want work done. 1 Relieve motor of signaling AL-4 submits
242210	9-14	CO	Relieve motor of signaling AL-4 submits

BUSHNELL: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
174013	12-11	CO	Gen sets: fwds result of last compounding test: recommends future contracts for to be installed in one vessel require operation in parallel: also final test be required with permanent series shunt in place. N.1
		To GE--Inform GE Co ship now at Post: rect adjustment be made. 3/4	To GE--Quotes report: report when modi have been completed 1/7
		GE steps taken to remedy 3-9	GE fwds GE letter re and asks date of arrival of vessel on Atlantic Coast 1-22
174145	12-13	Seattle	To CO--Quotes GE report on. 1/25 Fwds copy of dynamo room log to show time gen set was operated while vessel was at plant. L
175195	12-27	Bd on Changes, Seattle	Inc cost additional governor worm for generator armature. D To--Appvs. 1/4
17579-	12-29 1-4 1-3	Seattle Co Pug.Sd CO	50 kw gen set: defects in: CO recommends work be not done until after arrival Yard on At Coast. L
175763	1-5	Bd on Changes, Seattle	Additional towing lights: additional cost. N To-- Fwds appvd. 1/11
175764	1-5	ditto	Additional governor worm for gen sets: inc cost. N
180716	3/4	BUSHNELL	Reqd installation of booster generator, separators 515-8
181057	3-7	CO	Reqd blinker signals, 24" signalling shutter, and 12" signalling searchlight. To Bost-- Work authorized. 3/9

BUSHNET: LIGHT & POWER: 515-5

Number.	Date.	From or To	Subject.
181619	3-14	Post R	Request dimension and weight of booster motor generator. L. Unable to furnish data at present. 3/16
184198	2-21	Post T	Absolutely necessary to furnish booster generator elec boat winch before sailing May 1. L. To 3/21 Fwd Cdr for action concerning elec boat winch 3/21 RB 3/25
182525	3-15 3-20	CO At Sub	Gen sets: recommends installation permanent switch for paralleling generators for charging batteries be deferred pending further experience w the present installation. L. To CO will take orders to improve speed regulation. 4/6 Submit estimate for providing permanent switch method of paralleling 2 300 kw Gen sets. L. Estimate: Regt plans showing modification to: 4/6
182755	3-24	Post	Reports changes in motors for operating deck winches to be accommodated to 25 in lieu of 10 HP. To Post with necessary work in connection with substitution. 4/11
184147	4-8	GER	Fwd report on compounding and paralleling test made since changes were completed. L. To material prices accepted. 4/25 Suggested start for installing booster motor generator. 5/25
165121	4-17	CO	
165143	4-17	Post	

BUSHNELL: LIGHT & POWER.

1915

Number.	Date.	From or To--	Subject.
✓ 152273	4-9	Seattle Co	Recd copy of advance sheet No 14: gen sets.L To-- Fwds, 4/19
✓ 152670	4-14	Seattle	Inc cost for additional towing light: est.L To-- Change appvd. 4/20 To Bd Changes: Fwd 3d-- 4/20
152833	4-16	Seattle 1941	Gen set: argrt for air cleaning.L To-- Will not be required for: 4/22
153394	4-23	Bd on Changes, Seattle	Spare parts for generators: inc cost.N Fwd Cent-- Rec appvl. 4/29 RB appd 5/4 To Seattle-- Fwd copy report: appvd. 5/4 Seattle-ack 5/10
153395	4-23	ditto	Automatic truck light controller: inc cost.N To Seattle-- Fwds copy report: appvd 4/29
153399	4-14 4-21	GE Seattle	Tube coupling for night signal set.L Fwd Seattle via GE-- 4/29
154005	4-28	Seattle 1965	50 kw armature stowage: plan.L To-- Appvs. 5/5
✓ 155169	5-12	Seattle	Recd copy of factory test on battery charging generator.L
155314	5/17	Mass	Test records on 300 kw gen spare armature.S To Seattle-- Fwds reports. 5/20

BUSHNETT: LIGHT & POWER: 515-5

Number.	Date.	From or To—	Subject.
156682	5-29	Seattle	Battery charging generators; spares for.
156934	6-2	Seattle	Norm for spare armatures; est inc cost. To be changed--6/9
157966	6-10	Seattle	Gen sets: 1 wds 68 prints. To--Apprs. 6/19
158143	6-11	Seattle	2038 Gen set; foundation liners; holding down bolts; plan. T
159511	7-2	CAH	Stowage of 300 kw armatures, spare. T wds. CAH--Should be made change under contract 7/9
166802	9/20	Seattle	300-KW battery charging Gen. sets: 1 wds Plans. T Apprs. 10/7
166933	9/27	GE	Diving cable; rubber insulation of: 1 wds waiting and accepting 10/6
173311	12-7	Philis	Hest. Vanduyker switchboard and wiring diagram. To--1 wds. 12/10
173688	12/7	Seattle	300 kw Gen set; 1 wds test report. T

BUSHNELL: LIGHT & POWER.

1914

Number.	Date.	From or To--	Subject.
137584	10-17	Seattle	Contractors claim that auxiliary distribution panel without switches is in accordance with Bureau instructions. L
137921	10-27	To Seattle.	Switchboard; change in battery charging feeders numbers. L
138741	10-30	Seattle 1513	Battery charging generators; spare parts for; submits list of with prices. L Fwd Dept. Comments. 11/9 To-- Apprs. 11/13
138988	11-3	Seattle 1525	Gen sets; copy of letter to Inspector at Pitts re status of S.
140345	11-19	Seattle 1582	Fwds name plate and list of switchboard plans. L To-- Apprs. 11/27
141433	12-8	To Seattle.	Battery charging panel; switches will be in accordance with GE drawing M-218608. L
143264	12-28	GE	Searchlights; reports on inspection. S
145469	1-25	To GE.	Plans for; rect. L To C&R-- Ditto. 1/24 To Seattle-- Ditto. 1/27 GE fws plan 2-4 GE fws list of spares 2-6 C&R inboard profile; plans 2-20

BUSHNELL: LIGHT & POWER. 515-5

1915

Number.	Date.	From or To—	Subject.
145496	1-21	Seattle	Spare parts for battery charging generators: To Bd. charges. Pkg. 54 To -- change auth. 1/30
145943	1-27	Seattle	Battery charging generators: airtight with oil co. for supplying plants. L To -- battery factory to co. 2/3
146143	1-29	Seattle	Asks probable location of switchboard in radio room in connection with power leads. L Twd to Seattle. 2/4
146432	2-5	Seattle	After searching platform too low and too change in platform. L To -- instructions. 2/6 control plan R 9630 2/6
149051	3-6	Mass	Battery charging generator: test sheets.S To Seattle. 3/12
149049	3-5	Mass	50 low gen set: with test sheets.S To Seattle. 3/12
150706	3-22	Seattle	Burning lights: list calls for one towing light: regulations call for 2. L To -- auth. installation and light. 4/2
151676	3-30	Pkg. 54 Seattle	States testing set for storage battery cannot be manufactured at yard. L Twd NY -- Regt information de lwd PS. 4/10 RB 5/7

HUSHNELL; LIGHT & POWER.

1914

Number.	Date.	From or To—	Subject.
124165	5-1	Seattle 795	Automatic truck light controller: estimated change in cost for installing.L Fwd GE for comment.5/7. Ret---Resubmit estimate.5/16. To---appd--To Bd on Chgs,Pug.Sd.6/3.
124574	5-5	Seattle 809	Running lights: rect type plans.L To---fwd's print's.5/12.
126175	5/25	Seattle 882	Lighting system: fws plans.L To---approval held up pending rec. Remaining over plans: 6-4
127442	6/9	Seattle 935	Battery charging panels and connections: request type plan.L To---Be has no plans; requirements.6/22.
127647	6/9	Seattle 939	Fws plan of proposed lighting system.L To---appd with comment.6/20. Seattle returns plans 7-8 To---7/16
128714	6-24	Seattle 989	Lighting plans: summary of fixtures and appliances: fws.L To---appd with comment.7/2. Seattle rect plans 7-16. To---fws drawings.7/23.
130500	7-17	Seattle 1090	Power system: fws wiring plans.L To---appd as mod.8/4.
131438	7-28	Seattle 1130	Elec lighting system: plans.L To---appd.8/7

BUSHNETT: LIGHT & POWER. 515-5

Number.	Date.	From or To—	Subject.
✓132864	8-18	Seattle	Gen sets: shaft and extension for HP turbine; plan. L. Appvd. 8/25
133936	9-1	Seattle	Keep switchboard: twice prints. L. To-- Appvd with modifi. 9/24
133939	9-1	Seattle	Power wiring: plans. L. To-- comments. 9/14
132931 VOID	8-31	Seattle	Reduction
✓134368	9-8	Seattle	50 kw generators: twice detailed plans. L. To-- Appvd. 9/23
134453	9-10	Seattle	Switch and name plates: twice plans. L. To-- Appvd with modifi. 9/23
134799	9-14	Seattle	Battery charging panels: twice plans: recommends change in type of switch shown. L. To-- Appvd with modifi. 9/24
134918	9-15	Seattle	Battery charging panel: twice b/p. L. To-- Appvd with modifi. 9/26
135857	9-28	Seattle	See: light switches: gives proposed type. L. To-- for reply see 130500-515-5 10/8
136820	10-9	Seattle	Reqt proper location, at height above deck of "down-for" piping fixtures. L. To-- instructions 10/15
✓137373	10-15	Seattle	Switches for searchlights: reqt plans. L. To-- twice 10/22

1913

1 ✓

Number.	Date.	From or To—	Subject.	
95973	4/28	Gen.Elec. Co.	Requirement of generators 2000 revolutions excessive, recommend 1500.	515--1
107007	10/3	To C&R	& MELVILLE: power system, request list showing location, hp, and amperes for each elec. auxiliary.	510--5
107935	10/15	C&R	& MELVILLE: gives do	510--5
✓ 110581	11/17	To Seattle & C&R.	Power system: forwards dr. 2154-L for guidance in developing plans. L C&R satis 12-10 To C&R fws dr. in. 12/12.	
✓ 110920	11/21	To Seattle	Lighting plans: fws prints 2153-L showing Prel. arrangement of system. L	
✓ 111222	11/25	To Seattle	Switchboard: fws dr. 2163-L. L	
✓ 113898	12-30	GE	Best plans and specs covering arrgt elec machinery. L To--- fws prints. 1/9	
✓ 114279	1-2	Seattle 472	Gen sets: fws copy of order with GE Co. L To--- app'd as mod. 1/12. fws C&R. 1/12. L	40

1914

1914

Number.	Date.	From or To.	Subject.
115896	1/19	Seattle	Arriv of Gen. sets.
116428	1-29	GE	Right signal ladders: reqt instructions re spacing of L. To instructions. 2/3. To Seattle. Tws copy. 2/3
117220	2-2	Seattle	Wiring: Tws print showing symbols and summary of connections. 2/14.
121113	3-25	Seattle	684 Searchlights and diving lanterns. Deck and bracket lams: Tws plans. Specs and list of spares. L. To appd. 4/15. Except plan R-9832 which is not appd. 3/31. To appd. 4/15. Spare parts appd. 4/15.
121662	3/30	American Farine Mch Co.	Asks current available for operating pots to heater. L. Rwd C&R. 4/7.
122369	4-9	Seattle	741 50 kv. Gen sets: estimate for adding relief VA. 4/8. L. Ret. Generators to comply with adv. sheet #14. 4/17.
122548	4-11	Seattle	745 Portable Ventilating set: Tws specs: b/p. L. To appd. 4/18.
123112	4/16	Seattle	Battery charging cables: Tws prints. L. Seattle 4/27. Gives approximate weight. L.

Number.	Date.	From or To—	Subject.
647869	11/2	To S&A 1417	Reqt shipment of equipment from Washn to SO Norf W
653121	12/14	To S&A 1717	Reqt shipment of spare parts from Washn to SO Norf W

Number.	Date.	From or To—	Subject.	
580499	8/16	To SAA 8524	Repts shipment of Radio Telegraph from Washington to USS BUSHNELL W	
51452	5/25 6/1	Norfolk S&A	Request disposition of radio equipment for BUSHNELL S	529
631638	7/6	CO	Request long wave receiver W To Norfolk alterations to apparatus appvd co CO 7/17 To S&A Request shipment of mat from Washn to CO 740 7/17 Norfolk 7/15 To Norfolk instn appvd co CO 8/4	

Number.	Date.	From or To—	Subject.
632127	7/12	To SAA 696	Request shipment of tubes from Washate SO North W
627383	8/8	North.	Revs prints showing rearrangements of Radio room with estimates. 8/8 N. Inc. 134 S. Telephone Convention #
635645	8/9	SAA	Request action on work on vacuum tube from emitter. JW
646617	11/2	To North	Insist on radio apparatus W North 11/9 Report on cost of work on W

BUSHNELL :RADIO SET

1920

Number.	Date.	From or To—	Subject.
492907	5-13	To S&A.	Reqst shipment of apparatus from Washington to New London. 2787 W.
493228	5-13	To S&A SEE OVER	Reqst shipment of wave-meter from Brook. to New London. 2806 W.
order rep. Johnson Jr. will call for and transmit as personal baggage	5-20	To S&A.	Reqst shipment vacuum tubes from Wash to CO. 2808 W.
494074	5/14	Aircraft Factory	To S&A. Reqst shipment of apparatus from wash. to HL. 2809 W. Four vacuum tubes shipped by express 5/12 for installation on BUSHNELL in connection with design problem No. 2 - W
493766	5-18	To S&A.	Reqst shipment of apparatus from Washington to NY 2863 5-18. W.
493791	5-18	To S&A.	Reqst shipment of apparatus from Phila to NY 2864 W.
494620	5-20	To Ports. (T)	gives Inform that Johnson leaving Washington tonight with addnl apparatus W.
495020	5/25	Com. Sub. Div. 15 Copy	Reqst authority to proceed to Bost to transfer spares of the S-4 & S-5 - W

615-6: BUSHNELL: RADIO

Number	Date	From or To	Subject
498646	6-8	CO BISHNELL	Request auth to turn in portable apparatus Listed. Fwd Boston CC CC 6-14. HB-6:21-T To CC. Auth turning into store at Boston radio material 7-16 To SEA. Request shipment of Apparatus from Brook Brook to CC. Adv status of shipment 6-23. Request shipment of Apparatus from Phila to Post 6-22
498499	6-12	SEE OVER To SEA. Request shipment of Apparatus from Brook Brook to CC. Adv status of shipment 6-23. Request shipment of Apparatus from Phila to Post 6-22	Request shipment of Apparatus from Phila to CC 3565 W
500110	6-22	To SEA	Request shipment of Apparatus from Phila to CC 3560 W.
503995	7-10	To SEA	Request shipment of Apparatus from Phila to CC 3560 W.
504030	7-12	To SEA Request information re shipment Fwd CC 11-20 RB-4:13 To SEA	Request shipment of Apparatus from Boston to Washn 26:1 W. To SEA. Request shipment of Apparatus from Phila to CC 4/12 RB-4:18-W
510408	8:2 8:6	CO NORT	Radio repairs request for W To NORT. Request for repairs auth 8/11 Request shipment of Apparatus from Phila to CC 3565 W
523615	10:13	CC To CC. Request for repair of 1st 4/12	Request repair apparatus W To SEA. Request for repair of 1st 4/12

BUSHNELL: RADIO SET.

Number.	Date.	From or To—	Subject.
234288	6-13	Phila	Rec installation Marconi radio direction finder on the BUSHNELL in lieu of SALT. 384-6
373722	11-22	To S&A	Costs shipmt of radio apparatus, Phila to CO.
399282	2:25 3:1 4:14	CO Phila Phila	Alterations to radio outfit - W To Comdt Phila - Auth work be undertaken - 4/8 To Comdt Phila - Cost of installation chargeable to Engineering 1928-1919. 4-25
63 401057	3-10	To CO (T)	Two step amplifier shipped from Wash to Phila March 5th. W
CO tel. reg. auth. to turn in matl. at Ports 5:30			To [T] - Lists radio apparatus Phila yard auth. to place on board, copy to Phila. 3-10
To CO - Lists apparatus auth. to turn into store at the nearest yard. 3-29			To Phila - Lists radio material auth. to
To CO - Auth. to turn into store Ports unused radio material. 3-10			be placed on board. 3-12 CO list radio apparatus used 5:10 CO 3-4
409051	4-8	To S&A	✓ Cost shipmt from Brooklyn to Phila. 1 Antenna loading coil - W RB 6/13

515 - 6

Number.	Date.	From or To—	Subject.
455400	10/31	Division 15 Sub Force	Request 2 transformers coils be shipped to To S.A. - Request ship transformer coils from Wash to CO. 11-19
489765	4-24	To S.A.	Request shipment radio apparatus listed from Wash to New London. Serial 2363. To S.A. - Request shipment be shipped to call for shipment from Wash to NY. 5-3 2632 To Wash - Lists material to be installed and advise if shipment will be made in time to insure arrival at NY not later than 5/14/41. 5-8 Request shipment at NY not later than 5/14/41. 5-8 Insure CE to New London. Serial 2364. W
489764	4-24	To S.A.	Overhaul of Radio Transmitter. W NY estimate of radio apparatus on-5-18-W
491428	5-5	To I.M. NY	Request shipment Receiver from Boston to CO. 2661 5-6.
487166	5-8	To S.A.	Request shipment order of 4-24th be cancelled. W
492082	5-11	To S.A.	Request shipment vac stor bat from NY to CO. Serial 2769. W
492083	5-11	To S.A.	Request shipment and 1111 meters from Wash to CO. W Serial 2768.
493229	5-13	To S.A.	Request shipment of wire cleats from Brook to NY

BUSHNELL: RADIO SET.

915

Number.	Date.	From or To--	Subject.	
✓ 155717	5-19	Pug. Sd	Asks when radio set will be furnished. v To SdA--Reqt shipment set from M.Is to Seattle. 6/8 To M.Is--Notifies of shipment; furnish plans and description of. 6/9 To Seattle--Take up with Pug Sd re in- stallation of. 6/9 To--Auth sending of radio aid to Seattle to assist in installation. 6/9	
✓ 159887	7-1	M.Is	& MAUMER: reqt dates of delivery of radio apparatus. W To--(R) Gives data on. 7/28	
163588	8-17	M.Is T	Reqt immediate shipment of Lowenstein spark gap; also 3 additional. W To M.Is (T). SdA--reqt shipment 8/19	
✓ 165043	9-4	To M.Is. (T)	Bushnell will be delivered Seattle in near future; expedite radio set delivery. W	
165115	8-28	M.Is	Reports on efficiency test of 5 kw Navy type; assigned to	876
✓ 167509	9-30	Seattle	Radio room: arrgt: plan. W To Via M.Is--Appvd. 10/7	
✓ 170622	11-4	Seattle	Reqr that cleats be fitted to mast for securing radio antennae to malyards. W Retd--apparently sent in error. 11/10	
✓ 170624	11-4	Seattle	Estimated inc cost extra work radio installation. W To--Change appvd. 11/10 To Sd Changes--11/10	

BUSHNETT: RADIO SET. 515 - 6

Number.	Date.	From or To-	Subject.
✓ 171741	11/16	Seattle	Favorable report on installation of radio set by contractors. W. To--ack receipt of. 11/22--
171688	11-19	To GR.	Cable for wireless installation of vessel. 17: with use do order for use inspection. S
173702	12/8	Seattle	Submit report on radio installation made by contractors. W
174291	12/14	Pug Sd	Rwds calibration of radio set. W
175765	1-5	Bd on changes, Seattle	Radio outfit: 1pc. post. N. W. To--rwds ap. 1/11
161039	3-8	To Pug Sd.	Calls attention to trouble reported due hand operating at leading-in insulator and Pug Sd comments 3-23
186178	4-25	GO	Alterations radio installation. W. To Post--(H) Antennas: 6/5
248-17	1/25	To GO	Began for radio ultrasonic detector and receivers disa. Pvd. W.

BUSHNELL : SUB SIG.

1913

Number.	Date.	From or To -	Subject.
✓ 239695	7/18	Sub. Sig Co	Relative to location of oscillator apparatus L
✓ 245049	8/19	Phila	& SOUTH CAROLINA request Submarine Signal Co be directed to ship apparatus L
✓ 246857	8/30	Sub. Signal Co	Contract SC255 - relative to shipment of switchboard and spare parts L Sub Sig Co (T) switchboard being forwarded Sept 1st 9/1
✓ 246865	8/31	Phila T	Installation oscillator held up awaiting switchboards 8/31 L To---(T) Will be shipped today. 9/1
254480	10-11	Submarine Signal Co	Fwds report of inspection of submarine bell. L

BUSHNELL: SUB SIG 516 - 7

Number.	Date.	From or To.	Subject.
267769	2-9	CO	Submits report on inspection submarine signal apparatus. L and Washington D.C. 3-14
426761	6:17	CO	Reg. sub. L to burn into store 1 submarine bell unit. To - removal of sub bell auth. copy to S.O. Boston. 6-23
532606	1/16 12/2	CO BUSHNELL S&A	Request inform rel to disposition of 5 tube units delivered to base 6 W
601924	12/23	CO	Charging cable for submarine detectors recommendations for insulation of L
6153			
797			

BUSHNELL: SUB SIGNAL 515-7

1918

Number.	Date.	From or To—	Subject.
177022	1-18	Seattle	Reqt certain plans.L To--Will obtain from Sub Signal Co. 1/26 To Submarine Signal Co--Reqt plans be furnished as required by contract. 1/26
179433	2-15	Submarine Sig Co	& FULTON: fws tracing showing sending apparatus installed on L To--Converts on 2/26 To Seattle--Fws prints and description of sats. 3/1 Sub Sig Co reqt return of tracings/ 3-4 To--Returns. 3/9 Sub Sig Co asks why vandykes are required 3/14. To Co. reasons for require- ment of vandykes on cloth 3-20 Sub Sig Co fws vandykes 3-30 To--Returns vandykes, impr. 4/1 to obtain blue-prints from 4/8 Sub Sig Co fws tracings 4-10 To--Ack receipt of. 4/17
233919	6/12	CO	Oscillator installation - recommends be installed during present overhaul 6/12 L To via Sub Force--Will install during present stay at Phila. 6/22 To Phila--Auth work. 6/22

1917

1913

Number.	Date.	From or To--	Subject.
✓ 105282	9/9	Sub. sig. Co.	Twds print showing key, pneumatic bell and installation of apparatus on 711--3
✓ 121695	4-6	Sub sig Co	Have not received order for apparatus. L
✓ 123776	4/29	O&H 30320-E.1	Asks if submarine bell is to be installed. L To--will be required. b/1
✓ 134969	9-16	Seattle	Sub sig set; copy of letter to P&G.S.1 recommending first payment; plans not yet received. L
✓ 137990	9-16	Seattle S.A	Sub sig apparatus. Twds vouchers to cover L Twds S.A. return. b/1 To Sub sig Co--call attention to brass pipe not delivered. 10/28 Sub sig have ordered Pac rep to furnish 11-2
133748	11-11	Seattle	Ask receipt of missing brass piping for Sub signal set. L
✓ 152627	4-9	Seattle 1920	Twds contractors set Pac coast for 1/24 To--disapprove claim for Pac coast 1/24
✓ 158718	6/17	Seattle 2057	Submarine signal set; twds plans showing installation and storage detail. L To--Approve plan. 6/25

BUSHNELL MACHY PLANT GEN

1922

Number.	Date.	From or To—	Subject.
644541	10/7	Dept	Copy of endorsement to C&R re relocation of cabin quarters & sick bay Y
640222	11/1	C&R	Booklet of general plans- fads.DY

Number,

Date,

From or To—

Subject.

[OVER.]

4-3281

Number.	Date.	From or To—	Subject.
35645	7/31	Norf.	Subm estimates incident to report of material inspection. Y Fwda Dept 8/10 RB 8/15/22.Y C&R- Request action on work on vacuum tube transmitter. 8/9 YW. X6 To Norf- Receiving copy to CO 8/18 To C&R- Auths instr to Norf 8/25 C&R Copy action to Norf. 9/1 W
41249	9/12	C&R	Copy of letter to Norf stating vessel will return to yard in November for routine docking. Y
41877	9/15	C&R	Copy of letter to Norfolk authg issue 36' motor sailing launch from used material account to CO BUSHNELL. Y

611-8

515-6

Number.	Date.	From or To—	Subject.
641829 ✓	9/11 9/16	CO C&R	Submits report on material readiness Y Rwds Operns via * 10/3
642253	9/20	Norfolk	36" launch 7793 received from BUSHNELL for 611-8 sale Y
642567 ✓	9/15 9/23	Norfolk M&S	Relocation of cabin quarters & sick bay Rwds Dept. via Opns 9/30 Get copy action to NORF. 10/13 Y
644313	9/27 10/5	CO C&R	Submits report on mat'l readiness Y Rwds Nav Opns via 10/14 Y

Number.	Date.	From or To--	Subject.
622517	4/1 20 5/6	O&R	Submits report on math readiness Y Fwds Opers via Op n 5/19
622938	4/13 5/11	Atl. Sub Ordn.	Subm report of inspection. Y Fwds Opers 6/3 Ys
626885	6/8	To Opers	Material inspection. Requests for cc CO- Comdr Atlantic Sub, flotillas Ys
627383	6/9	Dept	Vessel will be made available for at Norfolk July 1 for work Y To port- Reqs's estimates 6/10 Norf- Fwds prints showing re-arrangement of ra radio room- with estimates. 8/8 Re Norf. arrangement apvd. with W. Y. 6/23 Medn 8/23 Instructions for holding material ins pn Y
627724	6/13	Dept	

Number.	Date.	From or To.	Subject.
627952	6/13	Dept	Govt indorsement to Board ISG rel to material inspection Y
626560	6/19	CO	FWIS drawings of present machine shop arrangement D
632625	7/1	Board IS	Submits report of mail inspection Y

BUSHNELL: MACHY PLANT:

Number.	Date.	From or To--	Subject.
553119	3:22	Dept	Vessel to be detached from Atl Flt and remain unassigned. A
554358	3:26	Dept	Vessel assigned to Sub Base Ham Rds-2:20 A
573129	7/2	Dept	Submits extract from inspection report Y
591429	10/15 10/20	30 Dept	Report on material readiness. Y Rwd Operas via Cdr-CAR 10/24
595769	11/14	3	Copy of letter to Norf. making vessel available about 1/1 for over haul. Y
597858	11/28	Dept	Copy of telegram to Atl Fleet directing vessel proceed to Norf. for authorized work. Y

BUCHANAN

14 MAY 1944

1922

Number.	Date.	From or To—	Subject.
609497	1/19	CO D.A.	Report on material readiness. Y Rwd Operns-2:30-Ys
612450	3/6	Memo for Comdr H S Howard Bu C&H	R port of fire on BUSH ESS and recommendation re starting pump fire room bilges on fuel oil burning vessels while at yard
613669	2/8	JAG Dept	Report cov fire on board. Y Rwd Operns 3/18
613952	2/16	CO C&H	Subm report of fire on board in fire room bilges. Recommendations given cannot be made to fire bilges until OK'd C&H 6/6 request action Y

BUSHNELL: MACHY PLANT.

Number.	Date.	From or To—	Subject.	
397881	2/25	Dept	Prepare for overseas voyage as soon as possible - N	
414132	4:27	3rd dist.	Copy - BUSHNELL UC 97 arrived on Apr 27	Y
433354	6-6	To Comdt Phila	Reqs transfer of job orders to Norf. copy to CO and I.E. Norf. Yo	
434240	7/19	CO	Recommendations for reduction of battery on board - B	
443461	9/1	CO	1st Flt- copy of letter to Haven recommending travel orders for Comdr Fisher to investigate alterations of BUSHNELL.	Flb-19
467694	1:6	Norf	Copy of letter to C&R submitting estimate covering repairs to aux sea suction.	
483738	no date	Bd I&S	report of matl insp held March 2nd.	Y

BUSHNETT MACHRY PLANT

Number	Date	From or To	Subject
513415	8/24	Folk	Report of Bd Survey and Estimates. L New report via C.R. 9-1 cc in report- CC RB-9; 18-Y C.R. copy of action to Dept-9-7-Y Dept-copy of action to C.R. 9-10-Y To L. report and CC of 9-11.
517052	9:14	North	Repairs can be handled to enable sailing in 48 hours notice-20 days reqd to complete.
521270	10:6	North	Vessel undocked.
523891	10:18	Dept	Copy of telegram to Ati Rlt directing vessel report to Sub Plo 3.
523136	10:23	Dept	Copy of telegram to Sub Plo 3 stating R. current is ready for port awaiting orders.
523891	11:14	Ati Rlt	Recommend vessel be sent back to yard to effect repairs. Y and via 15 cc Q. 1-17 RB-12:2-Y and via 15 cc Q. 1-17 RB-12:2-Y Dept-reqd action-12:14-Y. 11-18
536096	12:20	Dept	Copy of telegram to North taking vessel available for authorized repairs and alterations.

1517

✓3

BUSHNELL: MACHY PLANT.

Number.	Date.	From or To--	Subject.
✓ 198975	9-9	At Flt	Recommends overhaul period begin after Sept 12. Y
✓ 198979	9-11	Dept	Available at Bost for repairs after Sept 12. Y
✓ 199596	9-15	Dept	Repair limit Oct 15. Y
209535	12/23	To Key West	Fwds certain plans. D
✓ 215745-	2-21	Phila	Work on installing elec welding outfit and booster motor generator trans- ferred to Phila Yard; request information re status of deliveries. Y To--Gives infor. 3/1
✓ 219651	1-25	CO	Alterations; cross connection between main and auxiliary feed line, stop valves in pump lines, reducing valves in gen set steam lines, alter boat engine. Y Fwd Bost--Rec. 3/29RB 4-6 Fwd Phila--4/C RB 4-30

Number.	Date.	From or To-	Subject.
394604	2/12	CO Operations	Request repairs to boiler brick work. Welding, rivets, steam lines, ice runnings. Weld CO via Phila/ Ya. 2-14
391732	1/17	CO	Request install cut out valves in auxiliary steam line and renew insulation and lining from ice machine to cold storage - Y copy to CO Phila- gives detail action on alterations. 2-6
347167	8/13	CO	Request 10 pumps and periscopes
245620	8/23	Phila	Request various vanities D
227645	5/5	CO	List of work to be done by ship's force Y

1915

BUSHNELL MACHY PLANT.

Number.	Date.	From or To—	Subject.
160153	6-28	Co	Reports methods taken for care and operation evaporating and distilling plants, pumps, ice machine
162908	8/4	CO	Reqt bulletins, blanks, speens, etc. DH to Lt. Hird 8/27
164552	8-24	Seattle	Reqt engineers yeoman be detailed. F Fwd Nav--8/30
173636	12/11	Dept	Date of completion extended to Dec. 29th. T&N
175398	1-4 1-5	M. Is Dept	Recommends transfer of all work to East coast; recommends Boston as new Home Yard. Fwd Dept via Ord--Rec Post. 1/6
175827	1-8	Dept	Assigns Boston as home yard; directs shipment of patterns, spare parts, transfer of work. Y
177086	1-24	Dept	To be assigned Boston. Y
180294	2/24	Seattle	Finished plans machinery; reqt shipping instructions. DC
Seattle fwsd index and tracings finished plans 3-23 Norf reports receipt 3-29 To Norf-- 4/1			1032A-- Reqt for shipment, 3/1 Seattle copy of letter fwing prints to ship 3-10 Seattle inccsib-- to str-- copy of letter fwd plans to Pug 3d and Palla 18 Norf copy of letter fwd Finished plans 3-21

BUSHNETT: MACHY PLANT: 515-8

Number.	Date.	From or To	Subject.
180499	2-16	At Sub FLT	Reports inspection of with recommendations for alterations and general recommendations in connection with suitability for summering tender.
			Original via Dept 3-3
			Two Dept--Rec post be auth to complete alterations. 3/4
			Two C&R--Bu has authorized work. 3/4
			To Seattle--Notes CO letter in regard to defective work in boiler in- stallation. 3/4
			To Post--Lists work authorized. 3/8
			To Post--Ditto. 3/4
			B&W comments on boilers 3-6
			To 3&W--Can get letter in error. 3/6
			Duplicate via C&R 3-15
			Two Dept via Ord--Noted. 3/16
			No--work chargeable to April 3/24
180716	3-4	CO	Heat alterations: install boiler generator, separators, and extend rods for boiler stop valves. N
			To remain at Boston until delivery of boats: repairs can be made while waiting.
181084	3-6	Dept	
181371	3-11	Post	Assigned Boston, home yard: rect finished plans. D
			To--Seattle will fwd plans. 3/14
161955	3-4	CO	Null alterations: incidental work under other Bureau. D
			Two C&R--Bu has authorized work. 3/22
182240	2-16	At Sub	Submits recommendations for improvements in NDN
			Two Dept--Bu will and in certain boats for 3/23
			CO Post--Gives work authorized. 3/24

BUSHNELL: MACHY PLANT

1913

Number.	Date.	From or To—	Subject.	
103838	8-13	Seattle 196	Reqt. type plans condenser, pump, etc. D To---fwd's prints. Not to be furnished to Seattle Co. 8/21. To---fwd's prints of fuel oil burner and air controlling register, type "C". 8/21	
106115	9/17	Seattle	PENNA: machy plans, reqt use in working up details for BUSHNELL.	130--8
109703	11-5	C&R 29886 E.1 1914	Compartment and access plans: fwd's. D To---satisfactory. 11/19	
114253	1-5	C&R 30021-E.1	Outboard fittings: fwd's plans. D To---modifications. 1/10 To Seattle. fwd's col. 1/10 C&R 2-3 To Seattle & C&R. Propeller guards not rec. 2/9	
114506	1-7	C&R 30036-E.1	Boiler, engine, thrust bearing, foundations; print. D Fwd C&R. comments. 1/17	
115896	1-19	Seattle 517	Arrg t eng room machy and gen sets/D Fwd C&R. for comment. 2/2 --- 29 To---appd. 2/11.	
115897	1-19	Seattle 520	Turbines and fuel oil system; plans. D To---appd as mod. 2/5	
116335	1-28	Navgn	Complement; reqt number, size of boilers, engines and auxiliaries. D Fwd---gives information. 1/31.	
121254	3-27	Seattle 593	Detailed plans of pumps, valves, and other aux; Sub-contractors state conduct matter direct with Bureau; reqt confirm. D To---instructions; Bu. deals only with principal contractors 4/3	

SUBMITTAL: MACHY PLANT, 616---6

Number,	Date,	From or To--	Subject,
126042	5/26	Q&R 30036	Foundations for boilers, engines and thrust bearings D To--Instructions. 6/8. To Seattle. Tws copy. 6/8.
127796	6/16	Q&R 29866-E.1	Compartment and access plans: Tws. D&K
128286	6/25	Q&R 30036-E.1	Foundations for boilers, engines, and thrust bearing: particular reference to width of boiler supports. D To Seattle. directs confer with Suptr. Comstr. 7/2 and Q&R. comments. 7/2.
131171	7/30	To Otto Berns.	Seattle Order: directs communicate with Brook. regarding inspection. S
131372	8-1	Burns, O	Tools: asks if inspection required. S
148218	1-13	Seattle Q&R Co. 1913	Best permission to publish description of in Pacific Warline Review. D in fwd Dept-- 1/26
145288	1-18	Seattle 47	Submits list of finished machy plans: contractors propose furnishing. D To--fwd index books for; plans must be furnished as required by specs. 1/29
156505	5-29	Seattle 3016	Reqs contractors protect against furnishing detailed plans of injectors, silens, and pumps, etc. D To--Instructions. 6/10

BUSINESS

MAIN ENGINES

1922

Number.	Date.	From or To -	Subject.
✓ 625887	5/26 5/27	CO Atl Sub	Calls attention to rust in main engine forced lubrication system. Recommends be cleaned. Y
✓ 625888	5/26 5/27	CO Atl Sub	H.p. turbine rotor shaft at fwd end of turbine is bent. Y
✓ 642282	9/21	NORF.	Report on conditions of HP turbine and reduction gear. Y To CO. Gives instructions/warning of turbine's &c NORF 9/20
✓ 643123	10/2	CO	Report on main propelling machry. Y

BUSHNELL

MAIN ENGINES

1922

Number.	Date.	From or To	Subject.
645316	10/12	North.	Proposed power turning gear for main turbine - Ends print with estimate. To North - not necessary to install the turning gear 10/21
646807	10/16	CO	Ends plan showing blade tip main turbine.
647346	10/27	North	General arrangement of oil coolers. Note to North re plan dated 11/7
652602	12/14	North	Lubricating oil coolers and piping for auxiliary generators. Ends print D To North re needed of plan - same assigned 1/9/23

BUSHNELL: MAIN ENGINES.

1917

✓

Number.	Date.	From or To—	Subject.
259231	10/29	CO	Request permission to lift casing of R P 3; L P turbines - Y
261372	11-16	USS BUSHNELL Atl Sub Force Department	K-1-2-5-6 - fwsd report of voyage, with detailed report on performance of engines. D 421-9
342548	-13	CO	requests drawing for engine air cooler to be forwarded. D.
1919			
391938	1/17	CO	Reports on lifting of turbine casings - Y Fwd operations. 2-copy to CO 3/11 Fwd CO via Phila. 2-13 RE 2:21:19
410612	3/25 4/12	CO Dept	Submits report of examination upon lifting of turbine casings - Y
447815	9:25	CO	Request ~~for~~ urgent repairs to lubricating oil cooler. Y
463112	12:12	Norfolk To I.L. Norfolk. Plan fwd 5-19. Norfolk - oil cooler - fwsd prints 5/26-DY	Submits estimate covering renewing shell of lubricating oil cooler. Y o I.L. Norfolk - Lists work with to be performed. 12-17 Norfolk - new shell of lubricating oil cooler made of brass - fwsd prints - 5-11
474116	2:4	Phila	Request prints of forced lubrication system. D To - fwsd prints. 2-7

515-9: BUSHNETL: MAIN M11113:

Number.	Date.	From or To—	Subject.
528203	10:13	CO	Request repair injector. D
576333	7/12	CO	Ingersol Rand air compressors—ask if use of cylinder oil in steam cylinders will be authorized. D
577365	7:33	CO	Get disposition of piston rings for scavenger cylinders for Y23
589982	10/8	CO	Submit report on lifting of main turbine casings. Y CO report on lifting of turbine casing. 12:6-Y
620364	4/8 4/14	CO Ati sub	Report 0008 failure of astern turbine to backing at times. Recommend line shunting be tested BY

[over]

4-3281

BUSHNELL: MAIN ENGINES.

1915

Number.	Date.	From or To—	Subject.
117600	2-11	Seattle	Turbine Governor and throttle valve: fwds plan. D To-- Appvs. 2/27
148969	3-1	Seattle 1837	Tanks for lub oil: fwds plan. DH Fwd C&R-- For comment. 3/12 RB 3/20 Fwd C&R-- Rec reconsideration of location. 3/30 RB 4/3 To-- Appvs with modif. 4/5 Seattle--reqt action 4/5
151051	3-26	Seattle 1885	Fwds prints of Governors. DH To-- Appvs. 4/1
153455	4-17	Seattle 194	Lub oil tanks: connections and filling arrgt, etc. Fwds plans. DC To C&R-- Fwds plan for comment. 4/29 C&R satis 5/7 To-- Appvs. 5/14
157806	5-7	Seattle 2032	Foundation liners, holding down bolts, turbine gear casing: plans. DH To-- Appvs. 6/19
157831	6-9	Seattle 2033	Floor plates, ladders, and gratings in eng and life rooms. Plan. DH To-- Appvs. 6/18
167289	9-28	Seattle	Main engine and reduction gear: contractors used a special "Valvoline" turbine oil. Not on Navy Cont: asks if use shall be continued. R To Bath-PR-NYS--Reqt information on, 10/4 To Parsons Marine Steam Co-- Fwds copy above. 10/4 Parson Co. "Valvoline" most suitable oil for reduction gearing 10-8 PR comments 10-13
Bath 10-21	CO reqt action 12-1		
To CO--	Recommendation re use of lubricating oil. 12/10		
		CROSS TO 692	

BUSHNETT: MAIN ENGINES. 515-9

Number.	Date.	From or To—	Subject.
✓ 180969	2-25	Post	HP turbine: defective bellows expansion piece: for exhaust: To-- Auth renewal. 3/9
✓ 191724	6-24	Falk Co	Asse where vessel will be located July 2 reduction gears. N To Co. 6-26 Ref. CO 6-26 Falk Co. not M.L. 6-19 To Co. notify Co when convenient to inspect. 7/1 To DELVILLIE--Rds papers to BUSHNETT. 7/1 CO no changes condition reduction gear 1 0/5 Fwds prints showing arrangement of tur- bines and reduction gear 510-9
194830	7/28	To Coast Guard Service	Maneuvering valves for L.P. and stern turbines: directs be removed and each valve be arranged for independent con- trol as per H.P. throttle. N 1917
✓ 195721	8-7	To Post.	Gives shipping dates of spare cylinders for ship to Key West. 1
✓ 214033	2/9	To CO	He crank shafts - BUSHNETT reports none on board. 421-9
251069	9/25	Phone Phila	

1914

BUSHNELL: MAIN ENGINES.

Number.	Date.	From or To--	Subject.
128185	6/18	Seattle 967	Turbines - reduction gear; fwds plans.D To---appd.7/2.
128286	6/19	Seattle 980	Clutch coupling and details-main turbines; fwds plan.D To---appd.7/2.
128285	6/25	C&R	Foundations for engines and thrust bearing 515-8
128713	6-23	Seattle	Turning gear; fwds plan.D To---appd.7/7.
128712	6-24	Seattle	Turbines; adjusting gear; plan.D To---appd.7/11.
129742	7-9	Seattle 1047	Reduction gear; for turbines; fwds plans.D To---appd.7/24.
130327	7-13	Seattle 1075	Turbine; operating governor gear; plans.D To--- Appvd with modifications. 8/21
130497	7-17	Seattle 1091	Turbine gages and adjusting gear; plans.D
133931	8-31	Seattle 1226	Reduction gear; turbines; plan.D To--- Appvd. 9/21
133934	8-31	Seattle 1225	Clutch coupling for main turbines; plan.D To--- Appvd. 9/19

BUSHNETT: MAIN ENGINES. 615-9

Number.	Date.	From or To.	Subject.
134685	9-16	Seattle	Forced lubrication: twds plan for comment. D To-- Appvd with mod. 10/2
135443	9-19	Seattle	Oil and water tanks in engine room: plans. D To-- Appvd with mod. 10/2
✓ 136760	10-7	Seattle	Floor plates, ladders and grates in engine and boiler rooms. D To-- Appvd with mod. 10/16
137974	10-22	Seattle	Forced lubrication: twds plan showing air exhaust. Appvs. 11/4
138169	10-23	Seattle	Turbine operating and Governor Gear: plan. D To-- Appvs with mod. 11/13
138579	10-28	Seattle	Ladders in fire rooms: plans. D To-- Appvs. 11/10
139459	11-6	Seattle	Floor plates, etc in eng room: plan. D To CH. for comment and rec. 11/17 Gen 11/30--Floor plates and ladders: twds print. for work under its cov. 12/9 1561 Appvs any data concerning various type turbines. D To-- Gives information 11-18
139786	11-12	Seattle	Turbine Governor: plan. D To-- Appvs. 1/21
144388	1-8	Seattle	1733

1915

BUSHNELL: MAIN ENGINES.

1913

Number.	Date.	From or To—	Subject.	
✓ 111874	11-28	Seattle	Thrust block, main eng: print.D To---appd 12/10	
111801	12-22	Seattle 445	Turbines; plan.D To---appd. 1/8	
✓ 113849	12-30	Parsons Marine Steam Tur. Co	Recommends that blading be made according to Navy Standard Gages.D To---comments: request quotation for additional gages named 1/3 Platt lists gages and quotes price 1-9 1914 To---Platt. 30 desires to make repn of gages: request information. 1/14 Platt. John relative to gage holders 1-21	
114768	1-5	Seattle 477	Fwds plans of l.p. motor. D To---appd. 1/15.	
115847	1-19	Seattle 522	Turbines; descriptive matter; reqt. for aid in installing and inspecting.D To---fwds prints, etc. 1/27.	
115897	1/19	Seattle	Turbines, plans	515--9
118914	2-24	Seattle 607	Turbines; genl arngt plan: fwds.D To---appd as mod. 3/12.	
119942	3-9	Seattle 539	Turbines; b l.p. rotors: plans.D To---appd 3/27.	
119940	3-9	Seattle	Turbine lifting guides; etc. Plan.D To---appd 3/27.	

BUSHNELL: MAIN ENGINES. 515-9

Number	Date	From or To	Subject
121715	3-31	Seattle	W.P. turbines: twds print of larking, lifting gear, and cylinders.D To---appd.4/11.
124058	4-27	Seattle	Turbine plans: twds.D To---appd.5/16.
125145	5/11	Seattle	L.P. turbine rotor: twds prints.D
125556	5/16	Seattle	Turbines: twds copy of letter from contract- ors showing analysis of white metal proposed by them for use on bearings.D I---appd.5-26
126733	6/3	Seattle	Chain hoists for engine room lifting gear. twds copy of order and cut.Ds To---appd.6/10.
126908	6/4	Seattle	Oil cooler: twds plan.D To---appd.6/12.
127550	6/9	Seattle	H.P. turbine: micrometer for dummy clear- ances: twds plan.D To---appd 6/24
127546	6/6	Seattle	H.P. steam turbine: twds plan showing con- dyl arrangement: all of rings, blades, etc.D To---Inlosure not received.6/22. Seattle twds contrs letter 6-26 To---appd.7/5.

(over)

NH-0150

BUSHNELL

BOILERS

1922

Number.	Date.	From or To—	Subject.
646503	10/24	CO	request install master steam control valve
	10/26	Subm Div 4	and 2 forced draft blowers in main fire room. Y
			Fwds CO cc Div 4 11/11
650249	11/2	CO	Report on condition of main boilers Y
651634	12/2	To CO	Radial drill press request to turn into store authd cc Norf Y
652215	12/4	Norf	T Rpts authority to make tube renewal To Norf (T) authd estimated cost 12/6 Norf 12/13 T Nccoy to remove tubes in number 1 boiler Y Norfolk 12/15 Fwds samples showing condition of tube ends Y To Norf (T) retubing authd 12/20

Number.	Date.	From or To -	Subject.
627007	6/8	To CO	Damaged Terry Blower Rm Requests number of CO 6/10 R
636605	8/10	To Norf	~~Inspr Hart directed draft blower from Fwd Plan Dt to Insp Hart Hartford Fwd Plan 8/10~~
638194	8/18	C&R	Copy of letter to Norfolk authg issue 24' 611-5 motor sailing launches 6500 & 8218 to CO BUSHNELL Y
640917	9/8	CO	Inspr Hart directed to arrange for delivery of blower to vessel at New Lond. Y to Providence instead of Submarine Base. 10/19- (T) Y
56243	9/28	Inspr Hartford	Request authy to send blower to BUSHNELL 629 at New London S

Number.

Date.

—From the

Subj. et.

621533

FROM CARD 4

18/17

647147

10/16

845670

From North

Sub Div 4, NORTH.

ask it laid will be on id. work immediately

Distilling plant, feed water heaters use of coolers from condemned 50' steamers - authority to remove 1

North - Request Action, 12/19. D

12/13

12/7/77 Ask for Bureau and the inst. p

• Norr - plan appd with comments 12/2

NO 17/2 THIS DATES COVERING ADDITIONAL

TO NORTH - PAGES BY BOX 11/18

THE UNIVERSITY OF ALABAMA LIBRARY

4/11 DALL E WEL - JON

North No. date - Resubmits prints D

NOT RECORDED

Approved 10/12/12

Approved to transmit _____

10/11/77

NOT FILM 9/30

NOT IN THE 9/27 REQUEST. INSTRUCTIONS COULD PLEASE

02/6 AMPTD BULLITIP TO HTTSTP TET -1JON *

12/6 us'd

9/14

North- Details of evaporator or vapor battery-

4.

Number.	Date.	From or To—	Subject.	
291951	9-20	To CO	Rest inform re receipt of shipment of two new evaporator shells, Y	
14585-140	4/7/12	Eng--X&A	USS WINGFIELD- Boiler tubes, shipment to.	
618049	no date 4/11	JAG Dept	Report covg damage to #1 boiler on board Fwd's Operns 4/17	Y
618342	4/12	JAG	Fwd's report covg damage to #1 boiler Fwd's Navign 5/16	B&Y

BUSHNELL BOILERS

1922

Number.	Date.	From or To—	Subject.
621533	4/8 4/17	CO Atl. Sub	Request install two additional Riley multi coil evaporators. To test height of evaporating plant from position to height in 448 6/6 11117 plant 5/8 To North gives instructions issued 8/5 20 CO North—Rwds print. 8/14 D To North—Distilling plant 8/16 North—Request auth to purchase distiller 8/28 To North April 5/15 #1 fire room turbo blower out of commission. Request new one be furnished by To North repairs would cc CO 5/16 To S&A boiler tubes--rel shipment of Ym 5/19 CO Atl. Sub
621649	4/28 5/3	CO Atl. Sub	
612271			

1917

3 ✓

Number.	Date.	From or To—	Subject.
263670	11/26	CO	Reilly multicoil evaporators - request new shells for - Y To Phila- fws copies of letters. 11-30
291957	3/20	Busch-Sulzer <u>VOID</u>	Main engine spare parts and tools for - fws contractors request to make changes - D
291951	3/2	CO	Request new shells for Riley evaporators - Y To Phila- Expedite mfg of shells 3-28 Phila 3/29 - Y Sims - Re 6128 - I L 6063 - request immediate shipment of evaporator shell - Y 4/6 To (T) New evaporator shells completed and ready for ship when and where do you wish ship. 4/5 To S&A-Reet ship two new shells for evaporators Reilly Multi-coil. 36". 4-8 To CO, re ship evaporator shells 7-17 To CO 9-20, RB 10-30
375949	12-10 3,19	To Norf Norf.	Re re-distilling plant for battery water, Do Norf - 1/6 To CO- re re-distilling plant installn of 1-13 CO - relative to installation of additional distiller - 3/4 To I.L. Norf- Gives detail action on. 3-26

Number	Date	From or To	Subject
511216	8:12	Nort	Request authority to increase evaporator plant-River estimate.
512432	8/18	Nort	Proposed arrangement of adalt ventilating and re-circulating plant. Two prints. D.
502366	3:19	Nort	To CO. Give action taken re N. 5/3 Necessary to renew feed tank-ask if will auth shift work.
612271	3/4	To SEA	Request shipment of tubes from Nort to CO SEA 4/8 Quotes action taken Y BB. Boiler badly injured.
N 643-140 3/2		Des Div 25--Opn	1922 Combat for 471--RMC
14885-140 3/30/22			R Berlin Bushnell boilers.

BUSHNELL: BOILERS: ETC.

1914

Number.	Date.	From or To—	Subject.	
125328	5/13	Seattle	Evaporators, distillers and feed water heaters: fwsd prints.D To---appd. 6-6	
✓ 126737	6/3	Seattle 912	Smoke pipe and uptakes: advises against fitting umbrella at top of stack.D To---requirements.6/10.	
127994	6/16	Seattle 960	Turbo blower sets: fwsd plans.D To---appd.6/27.	
128285	6/25	C&R	Foundations for boilers with particular reference to width of boiler supports	515-8
✓ 129264	7-3	Seattle 1036	Evaporator: fwsd contractors comments on Bu requirements for. D To---comments.7/14.	
✓ 130118	7/15	Griscom-Russell Co.	Requests further instruction relative to arrangement of water gage glasses on evaporators.D	
✓ 131426	7-27	Seattle 1128	Boiler mountings: plan.D To---appd.8/6 as mod.8/6	
136760	10/7	Seattle	Boiler plates, ladders and gratings in engine and boiler rooms	515-9

BUSWELL: BOILERS, ETC. 515 -- 10

1914

Number	Date	From or To	Subject
✓139127	11-9	Terry Steam Tur Co.	F-B blowers: gives reasons for failure to secure inspection prior to shipment. 2 To Seattle-- Comments. 11/10 Hart 11/10. B Comments. 11/10 1914
171400	11-12	Seattle.	Prelim trial: work recommended. Govt responsible: fuel oil heater and starter: To the Sd--Supplying suitable oil heater and starter with chargeable to Govt. 11/10 To the Sd--with heater. 12/31 purchase used oil heater. 12/31
181255	3-10	To Host.	Boiler lagging: directs plan and estimate be prepared for fitting additional lagging to boiler fronts. N To--Gives work authorized. 3/25 Boilers: suggested remedy for lessening radiant heat from N
✓182011	3-14	Seattle	Liste boiler tubes red. fired by: have lagged and will replace by tubes in stock. 1/11 To Host--Apprs. 1/11
✓210512	12-27	CO	Narrow boilers: states design main feed causes deflection & outside rows on each side of each boiler: request authority to put cross connect on to lead boiler thru auxy internal feed piping. D To the AtI Sub--Grants auth. 1/9

Number.	Date.	From or To--	Subject.	
96323	5/2	B&W Co.	Reqt print showing boiler space.	515--1
102278	7-26	Seattle S&DD Co. T	Reqt. decision re substituting Yarrow for Moshier type boiler/D (T) to---will authorize substitution of Yarrow.7/26.	
102936	8/5	Seattle C&DD Co. T	Asks if Bureau will approve use of 1" tubes for Yarrow boilers.D (T) to---requirements.8/5.	
✓ 111596	11-25	Seattle	Fwds print of Rielly Feed water heater and distiller. D To---apld for type only.12/4	
111963	11/29	Seattle 370	Boilers: fwds plans and specifications.D To---apld.12/13.	
✓ 113969	12-27	Seattle 462	Feed and filter tank: fwds print.D To---apld.1/8	
1914				
✓ 114272	1-2	Seattle 470	Evaporator: fwds print.D To---apld.1/10.	
114506	1/7	C&R	Boiler, engine, etc. print	515--8

BUSWELL, BOILERS. 515-10

Number.	Date.	From or To.	Subject.
✓ 115832	1-19	Seattle	Boiled water filter and grease extractor: twds plan.D To---apdd as type only. 1/30.
✓ 116266	1-23	Seattle	Boiler plans: Yarrow: twds.D To---apdd as mod. 1/31.
116454	2-17	Seattle	Boiler foundations: right battle plates angle standards: print.D To---apdd. 3/6.
✓ 120107	3-12	Seattle	Boiler test pressure: different under re- quirements under Steam Boat Inspection and American Bureau Shipping: regt authority to test at 1-1/2 times working pressure. D To---authorized. 5/11.
✓ 120559	3-17	Seattle	Refr type turbo blower sets: twds specs. D To---apdd. 3/26.
✓ 120983	3-23	Seattle	Penderby injector: for boiler: print. D To---apdd. 4/1.
✓ 124069	4-27	Seattle	Rietz evaporator: twds plan.D To---apdd. 5/16.
124676	5-7	Seattle	Five brick for boilers: plans.D To---apdd. 5/16.
124748	5-2	Seattle	Optokes in stack: print.D To---apdd as mod. 5-22

Number.	Date.	From or To—	Subject.	
640102	9/1	Norfolk	21' motor dories 8112 & 8113 received from BUSHNELL & will be surveyed Y	611-11
641658	9/9 9/13	CO Norf.	Request auth to turn in 126 engine cylinders to CO- Request inform re 1 cylinders 9/20 to Norf- The storing of cylinders is authorized CO- Request auth to turn in 6 cylinders for Van Blerck engine, to store. 9/19 10/2 Y	
642680	9/23	C&R	Copy of letter to Norf requesting number of 36' launch assigned to BUSHNELL Y	611-8
643984	10/3	Norfolk	24' launches 8500 & 8218 issued to CO BUSHNELL Y	611-5
646780	10/23	Norfolk	Motor sailing launch 8548 issued to BUSHNELL Y	611-8

BUSHNELL BOX LIGHT

1922

Number.	Date.	From or To—	Subject.
647014	10/28	TO U.S. BUSHNELL	Error in engine number on Van Blerck Engine. Ye
646420	12/8	TO GO	Station bin bearings for Van Blerck ENG. replaces report I 689-31
646420	12/12	CO BUSHNELL	Submits information re station bin bearings for Van Blerck I 689-31

[OVER.]

4-2384

Number.	Date.	From or To—	Subject.	
429135	6/27	C&R	36' motor sailing launches 7793, 7796, 7797 have been shipped to BUSHNELL.	611-2
438095	8/8	To BUSHNELL	Records show engine in dory 2568 to be No 2562 instead of 2563. Asks correction Y.	611-2
443734	9/3	BUSHNELL	Reports on line 329E, motor boat 2423 in poor condition; Y.	611-2
444303	9/6	C&R	35' motor boat 2423- BUSHNELL- directs reports as to condition. Y.	611-2
450197	11/15	C&R	33' motor sailing launch 2166 on BUSHNELL destroyed during heavy weather on Oct. 5; Y.	611-2
459874	11/20	BUSHNELL	Reports on changes in power boat machinery Y.	611-2
462454	12/9	C&R	BUSHNELL- authorizes issue of motor boat 5025 & Dorys 8112 & 8113 - Y.	611-2
463474	12/15	C&R	35' motor boat 2423 received from BUSHNELL condemned for sale; Y.	611-2
463454	12/15	C&R	21' motor dories 207C, 2568 from BUSHNELL condemned for sale; Y.	611-2
470103	1/9	BUSHNELL	Fwd's change in power boat machinery:	611-2

615-11

BUSHNELL; AUSTY MACHY

1920

Number.	Date.	From or To	Subject.
474038	2/5	to BUSHNELL	Highest engine number- motor boat 5025-I 611-2
604936	2/13	to BUSHNELL	Motor boat- hull number. Highest correction 611-12
514258	8-27	CAR	Oct 1955 sent from T. I. to port via QUINCY turned in by BUSHNELL I. 611-9
515987	9-7	CAR	Engine deck which to be fitted. To in port work with CC CO - CAR. 9-10
562806	5/10	to CO BUSHNELL	Correction of engine number of 361 motor launch 7/96-I 611-8
623562	7/18	CAR	Copy of letter to port and the launch two 224 launched to CO BUSHNELL I 611-2
627284	8/11	CAR	Copy of endorsement to 361 approving sale of 611-8 261 launch 7/92 formerly on board BUSHNELL I

1917

BUSHNELL: LUXY MACHY.

Number.	Date.	From or To--	Subject.	
237975	7-11	Phone Phila	Engines Nos 3295 and 3272. re status of survey.	711-2
239459	7-19	Phone Phila	Power Boat engines. Re repairs of engines for	611-2
244118	8-14	CAR	Motor boat 3428 assigned to	611-2
249998	9-19	To SAA	Recd shipt of Van Blerck Eng 3341 from Ports to Phila for	611-2
249999	9-19	Phone BUSHNELL	Motor boats. Re shipment of engines for.	611-2
250605	9-4	MINNESOTA	Complains of condition in which motor boat 4066, with Sterling engine 3382 was received from CYCLOPS; C-in-C has directed be turned in via VESTAL; MINNEOTA REC engines be turned over during shipment.	611-2
250604	9-21	Ports	Report shipment of Van Blerck engine 3341 to Phila for motor boat 2100. BUSHNELL and receipt of Sterling 3420/	611-2
255040	10-15	Phila	Reports receipt of motor boat 3428, engine 3409, for issue to the BUSHNELL.	611-2
259883	11-10	Phone Phila	BUSHNELL. Motor Boat No 2100. Re install of Van Blerck Engine in. Y	611-2
259918	11-10	Phone Phila	BUSHNELL. 35' motor boat 2100. Re install of Van Blerck Engine in. Y	611-2

BUSHNETT, ARMY MACHY.

Number.	Date.	From or To—	Subject.
260166	11-12	To Phila	BUSHNETT. Re engine for boat. Y
261456	2-14	To BUSHNETT I	Wire performance engine motor boat. Y
264466	2-26	BUSHNETT I	Motor sailing launches 1146 and 1966. Right infor re whereabouts ex. Y.
264466	2-26	Bushnett.	Discrepancies in log submitted re power boats. Y.
290060	2-19	USS Bushnett.	Corrects log entry governing boats. Y. 611-2.
292255	3-6	USS Bushnett.	Motor boat engine 3341 list of spare parts. Recd. 611-2.
315900	5/14 5/21	CO BUSHNETT European force	Submits report of changes in power boat machy. Pwd over 6/14
366611	10/35	From Off BUSHNETT.	Submits repair damage to motor sailing launch 2162. Y.
367401	1/1	CO BUSHNETT	Lost in 1910. O. sum report of equipment 11-2
423855	7/19	Y. Y.	Re Y letter to Y. concerning 36 sailing launches to BUSHNETT. Y.

1913

1 ✓

Number.	Date.	From or To—	Subject.	
98647	6/3	C&R	Recommends purchase of 35' motor boat from Elec. Launch Co. for:	611-2
134241	9-11	C&R	Pg 54 to mfg 2165 and 66 for; 2098 and 2099 assigned	611-2
1914				
140406	11/24	C&R	Assigns motor dory 2069 and 2070 to	611-2
1915				
144151	1/5	Talbot Boiler Co (Seattle Co)	Reqd opportunity to install Talbot boiler in launch for BUSHNELL	611-1
148455	2/27	C&R	Directs Pdg Sd proceed with construction of 35' motor boats numbered 2423 and 2424; assigned BUSHNELL and issue	611-2
1916				
175327	1/1	Pdg Sd T	Motor boats 2099 M&T eng 3271 developed ignition troubles; reqd authority to substitute Van Blerck 3305 boat 2504	611-2
179923	2/24	To CO	35' motor boat 2423; asks if on board	611-2
188522	5/20	C&R	Assigns motor dory 2568 to	611-2
193882	7/18	CO T	Request authority to purchase starter generator for Murray & Tregurtha engine. Y Fwd S&A— Auth purchase. 7/20	
194195	7/17	C&R	Motor boat 2853 assigned	611-2

BUSHNETT; AUX. MACHY. 515 - 11

Number.	Date.	From or To-	Subject.
195697	7/24	CO	No for boat 2099 destroyed by fire; engine 3271 saved; request instructions re disposing 611-2
193786	7/15	CO	Reports motor boat 2099 destroyed by fire; engine 3271 slightly damaged; boat 2855 assigned to replace 611-2
202992	10/18	Porta	Murray & Treasiba engine 3271 ex 2099 BUSHNETT, received for repairs. I 611-2
208996	12-18	To BUSHNETT	If motor dory 2568 on board, request report of machinery. If not on board disposition. 611-2
212852	1-25	To BUSHNETT	At records show no power boat number 2068 reported on board; hull 2569 is on board. That hulls Nos 2070 and 2568, the former having installed engine re-ordered install in hull No 2068, are on board. 611-2
230218	5-17	BUSHNETT	Engines 3295 and 3272; rest derelict; impossible to put these engines in running condition. 611-2
233666	6-14	35. motor boat 2855 now assigned Bushnell.	assigned SOLAGE 611-2
234166	6-16	Phila. ~~xxxxxx~~	Reports issue of engine 3350 to the, BSM 611-2
236300	6-23	Phila	Launch 2853, engine 3350, removed from BUSHNETT and ship to SOLAGE 611-2

BUSHNELL: MAIN CONDENSERS.

1914

Number.	Date.	From or To--	Subject.
✓ 115475	1-13	Seattle 498	Main & auxiliary condensers; plans.D To---appd. 1/23.
✓ 117213	2-2	Seattle 560	Condensers; fws plans.D To---appd. 2/10.
✓ 120989	3-23	Seattle 678	Main condenser; fws print.D To---appd. 4/1.
✓ 121589	3-31	Seattle	Main; contractors reqt omission of covering; recommends.D To---satisfactory to omit. 4/P.
✓ 124634	5-12	Seattle 814	Condenser; exhaust nozzles of; print.D TO --- appvd 5-22
✓ 136757	10-7	Seattle 1386	Condensers; scuttling valve; fws plan.D To-- Appvd. 10/15 To C&R--fws appvd plan. 10/15 C&R satis 10-20
✓ 140585	11-20	Seattle 1520	Condenser heads; lifting gear for; plan.D To-- Appva. 12/9
✓ 556468	4:8	Norff	Installation of air compressor and radojet air pump for aux condenser-fws prints.D To R Norff Ack receipt of prints Gives comment cc CO 4/19 To CO Reqst report be subm covering points listed 4/19
	CC-test not	held-5;27-D&Y	

BUSHNELL; HEAT: VENT: REFRIG.

Number.	Date.	From or To--	Subject.
443460 2	9/1	CO	Cold storage plans - reqst alterations - D Fwd Atl Ftl-9-5 Atl Flt-comments on refrigerating install- ation-10;1 Fwd Dept via C&R. copy to CO and ATL FLT. 10-9 RB 10-30 ~~Atl~~ C&R 10-11 C&R 10-29 Copy of letter to Norf re alterations in cold storage plant. D To I.M. Norf- Advise present condition of ice machines etc. copy to CO-Operations and C-C ATL FLT. 10-31 Norf 11/6. Norf-fwds print showing alterations-12;13 Fwd C&R. copy to I.M. Norf. 12-20 RB-1;8 C&R-copy of action to Dent-12;30 to Norf- Lists work authorized. copy to CO. 1-9 Fwd C&R. 1-9 C&R-copy of action to Norf-1;13
513698	8/25	Dept	Stay at Norf. extended to cover ice machine install. At
528225	11;8	Norf	Rearrangement of refrigerating plant-fwds prints. D To L. Norf Plan assign file no 11-19
637498	8/15	To Comdt's Navy Yds	Fwds revised print of Allen Dense Air Ice Machine Valves. D Norfolk 8/12 Valves for Allen Ice Mach. Fwds prints. D To Norf Fwds prints 8/30

BUSHNELL HEAT WENT HERRIG

1922

Number 62 9647	Date 11/8 11/10	From or To CO Sub Div 4	Subject Agents assist ship's force in installing qualifiers and 300 KW Generators 1

BUSHNELL: HEAT: VENT: REFRIG.

1913

Number.	Date.	From or To--	Subject.
✓ 1102551	11-11	Seattle 33	Dense air ice machine: fwds b/p of Allen type.D To---appd. 12/3
		1914	
125582	5/22	C&R	Ventilation plans: fwds.D Fwd C&R satis 6/6
129948	7-14	C&R 3057-11	Ventilation: for engine and boiler rooms; fwds plans with comments.D Fwd C&R.satisfactory.7/25.
131099	7-24	Seattle 1107	Refrig plant: genl arrgt plans:fwds.D To---appd as mod.8/6
✓ 133328	8-25	Seattle 1208	Refrig plant: piping for: fwds plans. D To--- Appvd. 9/14
✓ 133381	8-31	C&R 30057-E.1	Engine room ventilation: fwds plan.D
✓ 134015	9-8	C&R 3057	Boiler and engine room ventilators: fwds plans.D
138375	10-29	C&R 30056-E.1	Ventilation and heating system: fwds plan.D Retd-- Appvd. 11/17

BUSHNELL: HEAT, VENT & REFRIG 515-13

Number.	Date.	From or To--	Subject.
138747	10-30	Seattle	Steam Heating system: twds genl arret pump with control. 11/14 To-- Apv'd with mod. 11/14
142371	12-11	Seattle	Steam heating system: mod plan.D To-- Apv'd with mod. 1/6
143068	12-22	CAR	Ventilation: twds plans.D Held-- Comments. 1/6
144163	1-5	Seattle	Dispute with contractors over kind of pipe and changes required for heating system. D. in accordance with apv'd sketches. 1/13
168608	10-15	CAR	Ventilation heater: twds plan.DH
170663	11-10	Fwd CAR.	Cold storage spaces: insulation: noted.N
189265	5-27	CAR	Asks date on retrofit machinery.D 10 -- Allen 6-1
7-25	7-25	To COT	Reqn #1: portable ventilation sets; reqt further information on. 1-R
391724	1/27	GO	Request install cut out valves in exhal- lary steam line and renew insulation and lagging from ice machine to cold storage y

1917

BUSHNELL: PROPELLERS.

Number.	Date.	From or To—	Subject.
✓ 229922	5/10	CO	Clutch couplings of HP and LP turbines - defective lubrication - fwds prints and photographs D To Phila—Fwds corres and prints for comment. 5/28 Phila - will report June 22nd 6/12 D Phila - fwds print and reports difficulty with present clutch coupling D To Falk Co—Fwds corres in connection with unsatisfactory operation of clutch coupling installed on. 6/26 Falk Co 6/28 D To Phila—Auth manuf of clutch coupling. 7/3 Phila 7/31 L CO - 11/7 - D CO - 11/9 D
245987	8/27	To Phila	Directs place spare propeller blades on hand for, on board. Y
✓ 395129	2:10 2:11	Phila CO	Recommends no new turbine shaft clutch couplings be furnished at this time D To—Material should be surveyed for further disposition. copy to CO 2-25
✓ 425553	6-12	CO	Reqd auth to turn in 4 spare propeller blades To CO—Auth to turn into store 4 propeller blades now carried on board. copy to S.O. Norf. 6-18 CO-will turn in when visits home yard-9:23

Number.	Date.	From or To—	Subject.
603232	1/5	100 ft.	100 ft. better report. Y
654747	12/23	No 14	100 ft. better report. Y

BUSHNELL: PR FELLERS.

1913

Number.	Date.	From or To—		Subject.	
105369	9-9	C&R	29743-E.1	Stern post rudder: fwsd print.D To - cannot give infor. until shaft plan received 9-24 To---plan satisfactory. 12/4	
✓ 110552	11-11	Seattle	329	Propeller: prelim drawing: fwsd.D To---appd. 12/4	
✓ 111121	11-19	Seattle	343	Arrgt and details of shaft, stuffing boxes: print. D To---appd. 12/4	
✓ 111614	11-26	Seattle	6359	Stern tubes, spring bearings: print.D To-- appd 12/10	
✓ 112710	12-9	Seattle	399	Propellers: fwsd print.D To---refers to 110552-E1E-14: no modifica- tions desired. 12/17	
			1914		
115361	1/13	Seattle		Torsionmeter, recd permission to bore 4" axial hole in line shafting for fitting Gary Cummings.	515--24
✓ 116269	1-14	Seattle	508	Shafting: fwsd contractors recd to make change from approved plan: (Plan not Recd.) fwd C&R for comment. 2/2. To---appd. 2/11.	
116439	1-26	Seattle	546	Wrenches and templates for propellers: b/p.D To---appd as mod. 2/4	

BUSHNELL, PROPELLERS. 515-14

Number.	Date.	From or To—	Subject.
120105	5-12	Seattle	Two contractors letter relative to interpreting specs covering inspection and fitting for detail account of inspection. 3/11. Ret---via file. Action of Insp. Plts. satisfactory. 3/24. RB 46
127541	6/8	Seattle	930 Shafting: Two plan showing changes required due to installing torsion meters. D. To---spnd 6/24
132905	8-20	Seattle	Propeller hub: Two test record and sketch: Reports blow holes in casting. DS. To--- No action taken. 8/28
134085	9-5	Seattle	1257 Propeller hub: Blow holes: Recommendations by oxy-acetylene process and acceptance of satisfactory to bu. 9/12
135638	9-25	Seattle 1331	Line shaft: Method of oiling: Printed To--- Ap wd with mod. 10/12
151250 VOID	4-2	Mayn	1916 K-6: re t diameter of propeller shafts. DH
169192	10/20	Seattle	Regt instructions re spare propeller called for. DH. To---will be duplicate of those used on recent trials. 11/4
176846	1-17	Seattle	Spare propeller blades now on hand: N

BUSHNELL: PIPING.

Number.	Date.	From or To—	Subject.	
199460	8-31	CO	Install pipe connection for generator exhaust from main condenser while under way and at anchor. Rwd Post—For estimates. 9/20	
227353	5/9	Phila	Requests prints of piping D	
231680	6-2	Phila	917 Steaming exhaust arrangements for.	286-10
277486	1-21	~~Phila~~ Phila	Machine Shop: Gear shapers for. Bu will provide property room for 6 machine. Y	
523204	10,13	CO	Request repair two defective sections of pipe in engine room. Y Rwd C.A. 10-18	
595073	11/5	1921 Atl. Sub.	Request install separator and trap in steam line to ice machines. D.	
595072	11/3 11/5	CO Atl. Sub	Request install drain lines and trap on auxiliary steam line in engine and fire room. D. To CO Dis. Rvd 12/10	

BUSHNELL: PIPING.

1914

Number.	Date.	From or To--	Subject.	
135058	9-18	Seattle 1302	Steam and exhaust piping: fwds plans showing joints, fittings, etc. D To-- Appvd with modl. 10/2	
136525	10-5	Seattle 1374	Work shop tools: Henning Mch Co. states milling machines are always purchased for No. 10 in lieu of No 9 taper. D To--Instructions. 10/13	515-18
138508	10-26	Seattle 1491	Steam piping: plan. D To-- Appvs with comment. 11/11	
138748	10-30	Seattle 1509	Aux steam fittings: plan. D To-- Appvs. 11/14	
V139051	11-3	Seattle 1538	Pipe covering and lagging: fwds copy of Company's proposed specs: have informed require 85% m. nesia and 15% asbestos. D To--Appvs with modl. 11/14	
139088	11-2	Seattle 1523	Forced Steam and exhaust piping to deck machy: fwds plan. D To-- Appvs. 11/14	
139883	11-13	Seattle 1562	Water service piping to spring bearings: plan. D To--Appvs with modl. 12/5	
140572	11-20	Seattle 1589	Steam piping for fire extinguishing system: plan. D To-- Appvs. 12/10	
140563	11-25	Seattle 1595	Arrgt turbine drains, steam piping to glands, etc. plan. D To--Appvs with modl. 12/9	

BUSHELL: PIPING. 615-15

Number.	Date.	From or To.	Subject.
140748	11-23	Seattle	Deck strutting tubes: plans.D. To--Appvs. 12/9
141944	12-8	Seattle	Wds print of # for steam pipe to galley.D. To--Appvs. 12/16
142221	12-11	Seattle	Steam heating system: mod plan. D 13
143153	12-23	Seattle	Fittings for steam piping and turbine stands and drains: print.D. To--Appvs. 1/6
143933	1-2	Seattle	Water service piping: wds plan showing drain and stern tubing: contractors claim increased cost. D. To--Disallows: will not be fitted. 1/16
1452025	4-5	Seattle	Piping connect. on for warming up turbine: plan. D. To--Appvs. 4/14
147162	5-1	Seattle	Contractors claim inc cost for covering and lagging pipe flanges.D. To--Will not required to be covered. 5/11
154330	4-30	Seattle	Slip joints steam piping: backing for: plan. D. To--Disallows: gives quality ported. 5/18
155758	5-21	SEA	Bo. suction pipes: wds plan.D. To--5/2

BUSHNELL: PILING:

1914

Number.	Date.	From or To—	Subject.	
115835	1-19	Seattle 518	pipe fittings; fwds plan.D To---appd.1/30.	
115895	1-22	C&R 30049-E.1	Sea chest: fwds print.D Fwd---satisfactory.2/2.	
118920	2-28	C&R 30101-E.1	Main and aux drainage plant: fwds plan.D Ret---satisfactory.3/10.	
120144	3-12	Seattle 653	Macomb strainers; fwds plan.D To---appd.3/27.	
122884	5-17	C&R 20101-E.1	Furnish aux. drain: fwds print.D Ret---comment.4/30.	
122929	4-18	C&R 20049-E.2	Outboard delivery pipes; plan. D Fwd C&R satis as mod 4-24	
123214	4/18	Seattle 757	Grease extractor; fwds print.D To---appd.5/5	
124665	5-7	Seattle [Hull]	Relative to location of shaft alley section, etc.D Fwd C&R.5 /14	
125937	5/27	C&R	Outboard delivery pipes; fwds plans.D	
126173	5/29	C&R 30358-E.1	Fire, sanitary and water systems; fwds plans.D To---Seattle satisfactory.6/12. Ret---6/12 C&R asks if connections to be provided for filling and pumping water from battery water tank 7-2 To C&R.desires hand pump be installed 7/11. 7 21	OVER

BUSHNELL, PIPING. 515---15

Number.	Date.	From or To--	Subject
127549	6/9	Seattle	Main steam nozzles: Tws plan. Invtes attention to bolting and pitch of auxiliary steam and main steam piping. D To---apd. 6/25.
129614	7-6	Seattle	Piping: Tws plans. D To---apd as mod. 7/25.
129778	7-9	Seattle	Main steam nozzles: contractor state that test pressure 700 complies with steam boat inspection rules. D To---states what satisfactory. 7/15.
130706	7-18	Seattle	Steam strainers for piping to turbines: Tws plan. D To---apd with modifications. 8/21
126178		SEE OTHER SIDE	Fwd Cdr. desired hand pump and hose connections of installed after del. of ship. 7/24
131234	7-29	Cdr	30357-E.1
131799	8-7	Hunferford BAC Co.	Copper tubing: regt instructions be issued to Insp. Hart relative to specs covering. S To Seattle comments. 8/10. Fwd Hart. 8/10 & 13
13-272	8-25	Seattle	1206
133866	9-1	Seattle	Method of securing flanges to steel pip s. D To---apd. 9/2 Seattle submits revised plans 9-17 To---apd. 9/24 Bkrhd changes: Tws prints in wing. D To---apd. 9/24

WHEEL OIL FUEL SYSTEM

1922

Number.	Date.	From or To-	Subject.
654215	12/18	Norf.	Fuel oil service piping from pumps to to heaters - fwd's point. -- To Norf- Ack receipt of Plan- assigned to file 12/30

BUSHNETT: OIL FUEL SYSTEM.

Number.	Date.	From or To.	Subject.
204099	10-28	Post	Fuel oil tank; request instructions re fitting fire extinguisher. b To--If no steam connections to fuel oil tanks for purpose of steaming them out, but desires that they be installed. 11/2 Post 11-20
62709	8-12	To CC	1822 Handling coils in fuel oil tanks. Request 606/14 D
637915	8/15	CC	Request each to turn in tips & pins & request 30 Army. 606/14 D
636507	10/24	CC Subm Div 4	is over riding in fire room and discharge side of oil service pumps. D. 606/14 D

1914

✓ 1

Number.	Date.	From or To--	Subject.	
115897	1/19	Seattle	Fuel oil system. plans	515--2
✓ 118775	2-27	C&R 30037-E.2	Fuel oil system: fws print and cuts of arrgt of tanks, suction piping, etc. D To Seattle. Ret---Plan satisfactory; satisfactory to omit deck operating gear from all valves in fuel oil piping in fire rooms. 3/11.	
✓ 122533	4-15	C&R 30037-A.2	Fws corres quoting Lloyd's rules relative to arrgt of valves, etc. D To Seattle. Fws copy corres. re emergency control. 4/17. Ret---4/17.	
✓ 123360	4/23	C&R 30037-E.2	Fuel oil system: fws prints with comments. D To Seattle. Fws copy of corres. 5/5. Ret---comments. 5/5.	
125331	5/14	Seattle	Fuel oil manifolds and fittings for fuel oil system: fws prints. D To---appd. 6/5.	
✓ 126167	5/25	Seattle 885	Fuel oil burners: fws plan. D To---appd. 6/9.	
✓ 127020	6/4	Seattle 921	Oil burners for oil heaters: fws plan. D To---appd as mod. 6/13.	

BUSHNELL: OIL FUEL SYSTEM. 515---16

Number.	Date.	From or To--	Subject.
130180	7/17	O&R 30037-3	Suction pipes and fuel oil tanks. Requests comments re omission of U bonds. D Ret---comment. 7/25.
132435	8-11	Seattle 1172	Oil burning plant. 3 way cock: plan. D To--- Appvd. 8/24
133323	8-25	Seattle 1207	Oil burning system: Lwds. Laps showing error heaters and connections. etc. D To--- Appvd with mod. and comment. 9/14
135922	9-28	Seattle 1345	Fuel oil system heater: plans/D To--- Appvd. 10/7
136566	10-6	Seattle 1371	Fuel oil heater and strainer: plan. D To--- Appvd with mod. 10/16
137906	10-21	Seattle 1453	Fuel oil burning plant: inspection tank for fuel oil. Alarm: Lwds. plan. D To--- Appvd with mod. 11/7
143516	12-28	Seattle 1715	Burners and piping at burners: plan. D To--- Appvd with mod. 1/21
161922	3-17	Philis H	Hot misc drawings in connection with misc oil burners. D To Seattle (7) Lwds. and Philis to-day 3-18 To Philis. prints sent 18th 3-20

[illegible]

Number.	Date.	From or To-	Subject.
3583-1	9:30	Corp. Sec.	Req. one single circuit portable winding machine be supplied to Bush. I to CO. re are welding sets. 10-17
377706	12/16	to CO BUSHNELL	Repts a list of hand and bench tools. 3-T-1
43352	7-16	CO	Reqst addtl mach tools listed be furn. To CO- Reqt for additional machine tools disappvd. 7-25 Y R
515248	9:30	CO	Welding equipment. Y&L Fwd Morf 9-8
626560	6/6	To CO	Machine tools requested for ship-- SONY to USA Rpts sh. int of tools from So Brook to USS BUSHNELL. 7/1 cc D Div Y To USA Rpts sh. int of tools from to USS BUSHNELL 7/1 cc D Div To USA Rpts sh. int of tools from Chan. to USS BUSHNELL 7/1 Y cc D Div. to CO BUSHNELL 9/12 RS re CO BUSHNELL gives instrns rel boring mill 9/22

BUSHKILL WORK SHOP - TOOLS 1922

Number.	Date.	From or To—	Subject.
651684	11/27	CO	Request auth to turn in drill press at No. 1. X To CO - send 12/2
66000	12/6	PHIL	Re: to repair charge cover milling machine for BUSHKILL X 602
662662	12/5	CO	Reqs substitution of motor driven lathe for belt driven one. To CO BUSHKILL - Request substitution of for motor driven lathe. H C D DIA Pump Rds 602
664497	12/23	NOIT	Gives value of lathe X To CO - No. 1 (1) send 12/22 To No. 1 (1) Gives Inform rel issue of lathe 12/27 602

1916

2

BUSHNELL: MACHINE TOOLS.

Number.	Date.	From or To--	Subject.
137840	10-21	Seattle 1451	Vise: reports substitution for approved type by contractors; recommends rejection. D To-- Instructions, 11/7
✓ 143010	12-21	Seattle 169	Recommends spares be provided for machine tool motors. D To-- Do not consider necessary. 1/8
143305	11-21	Seattle	Vises: fws catalogs. D. To-- Appvs. 1/6
186352	4-3 4-29p	At Sub Flo C&R	Machine shop; objects to wood decks. YD Fwd C&R--Comments on 5/2
200498	9-23 9-27	Bost S&A	Elec welding outfit; asks if Bureau has covered by Regn. S Fwd S&A--Fur: May 23, 1916; award made to Wilson Welder & Metals Co. NY. 9/29
26875	5-12		eqt disposition of elec welding outfit purchased for the Bushnell; gives results of test etc. 629
✓ 233927	6/14	CO	Request authority to turn in store chuck lathe Y To-- Gives action. 6/18

515 -- 18 BUSHNELL MACHINE TOOLS.

Number	Date	From or To	Subject
29988	7-14	To SEA	Rest shipment of arc welding set from SEA to Phila for BUSHNELL
29988	7-18	Post	BUSHNELL: arc welding set for: stores have bill of lading showing delivery to Phila. 629
241305	7/29	Phila	Electric welding outfit - asks when delivery may be expected and request disposition to make of motor generator and switchboard. To 6/9
20906	8-10	To Phila.	Receipt of arc welding outfit on BUSHNELL 629
242662	8/14	C&R	Authorizes incidental work in connection with installation of arc welding set Y
253809	10/5	Phila	Electric welding outfit; reports all items recd except motor generator - request Bureau take up question of expediting delivery - Y and Boston - request information as to shipment of above material. 10-13--AT-10/17. To motor gen set ship on Oct 11th express. 10/19

BUSHNELL, WORKSHOP & TOOLS. 515-18

Number.	Date.	From or To—	Subject.
128757	6-25	Seattle 993	Forge for blacksmith shop; fws speons and out. D To---appd.7/11.
129107	6-30	Seattle	Lead melting outfit; fws list of tools and catalog.D. To---appd.7/11.
129108	6-30	Seattle	Blacksmith tools; submita list.D To---appd with additions.7/11.
131413	7-29	Seattle 1131	Work shop tools; fws infor ation re type of motors for lathes, and catalog of drill, etc. D To---approves Willey type of drill.8/10.
133810	8-31	Seattle 1232	Fws print of Parker vise.D TO -- appvd 9-9
135989	9-29	Seattle 1349	Forge; can furnish either variable speed and used or constant speed open; but not constant speed enclosed.D To-- Commens. 10/14
136525	10-13	Seattle. 1374	Work shop tools; Hemming Mfg Co states milling machines are always purchased for No. 10 in lieu of No. 9 taper. D To-- Instructions. 10/13
137393	10-13	Seattle 1414	Machine shop air accumulator for air tools; fws plan.D To-- Appvs. 10/27

1914

Number.	Date.	From or To—	Subject.
121265	3-27	Seattle	Machine shop: rest plan of proposed marine turbine. To Bu. has no standard type plan. Mfrs to install on sails 4/3
126200	5/27	Seattle	Foundry: blacksmith and cooper with equip ment: 1413 col of order with cut. Des To—appd with mods 6/6
126841	6/3	Seattle	20-ton hydraulic coupling bolt jack: To Bu. To—appd. 6/12.
127484	6/9	Seattle	Copper smith equipment: To Bu. To—appd. 6/17
127900	6/15	Seattle	Marine combination furnace and molding ap pliance: To Bu. To—appd as mod. 6/30.
127917	6/15	Seattle	Workshop tools: To Bu. To—appd as mod. 7/13.
128720	6-10	Seattle	Machine shop: draft of: print: (Not read). To—appd. 8/11 as mod. 7/11.
128756	6-25	Seattle	Radial drill: To Bu. To—appd. 8/11 as mod. 7/11.

RUSHNELL: PUMPS

Number.	Date.	From or To—	Subject.
165477	9-3 9-9	Seattle C&R	Fire pump; reports on test of: inadequate. DH
184839	4-15	C_R	Sanitary pump not large enough; change called for by Bd I&S. DC To Bost—auth inc size of pump. 4/18 To—Fwds copy above. 4/18
244797	8/18	CO	Request pump Ex-ME. THIS be issued for use as evaporator feed pump D To Phila—Gives action. 8/21
347167	8-13	CO	C&R 10 pumps and periscopes.
395799	2;17	Phila	Circulating pumps and engine req. pump. D
443461	9/1	CO	Alterations - larger sanitary pump - D Fwd C-C Atl Flt. 9-5 Atl Flt. recommends flushing mains be renewed/10.1 Fwd operations via C&R. copy to CO and ATL FLT. C&R-copy of action to Norf--10;14 R B 10-24
And Flt-copy of letter to Navgo recommending tray orders for Comdr. Fisher to investigate alterations of RUSHNELL. To CO. No auth work in connection with larger sanitary pump. 10-28 copy to C-C ATL FLT.			

10/11/1935

1935

Number.	Date.	From or To—	Subject.
522203			Adv of repairs and request for 1-16 35.
626000	9/21	Norfolk	Ask informant to increase price for pumps for installation on board BUSHNETT K 602
646153	10/16	CO	Request repairs to main feed pump Y

1913

RUSHWELL: PUMPS.

Number.	Date.	From or To—	Subject.
✓ 110562	11-11	Seattle	Circulating pump: fwds print.D To---appd as mod. 12/4
		To---requirements. 12/22.	Seattle reqt action 1-4 Seattle contrs respon for delay 12-15
111496	11-22	Seattle 351	Circulating pump engine: print.D To--- appd as modified 12/10
✓ 113616	12-20	Seattle 444	Circulating pump: plan.D To---appd. 1/3
		1914	
✓ 115828	1-19	Seattle 516	Fresh water pumps: fwds plans.D To---appd for type and size only. 1/30.
✓ 116156	1-23	Seattle 534	Pumps: fwds plans.D To---appd for type and size only. 1/30.
✓ 118989	2-28 3-2	Blake & Knowles Co Mass	Protests against ruling of that detailed tracings must be submitted for approval before proceeding with construction. D Mass reqt action 3-17 To Seattle & Mass. reqst appd. 3/20.
120032	3-11	Seattle	Circulating pump: engine plans.D To---appd. 3/26.
✓ 123072	4/20	Kingsford Foundry & Machine Works	Fwds prints of 1-1/2" side auction pump.D To Seattle. fwds prints. 4/30. To Co. will approve when submitted thru contr. 4/30.

BUSHNELL: PUMPS: 515---19

Number	Date	From or To	Subject
✓ 123732	4/29	CAR 30356-E.1	Pumps for fire and flooding: provisions made by S.E. inadequate. Ret---comments.b/1.
124593	5-5	Seattle 805	Forced lubrication: oil cooler, circ pumps. To---apd.b/16.
✓ 124592	5/8	Seattle	Circ. pump engine: relative to length of columns: states 1 1/8 too short. To---decrease clearance approved.5/19.
✓ 126840	6/3	Seattle 911	Fresh water pump: rwd's plan.D To---apd.6/22.
✓ 126525	6-27	Mass	Rwd's agrees with Blake & Knowles Co. giving reasons for not submitting detailed drawings of pumps. To Seattle: apd: not to be taken as a precedent.6/30. 1/1.
✓ 126972	6-26	Seattle 1004	Hand pump: plan.D To---apd.7/14.
✓ 129742	7-11	Seattle 1047	Re
✓ 134151	9-8	Blake & Knowles Co. Mass	Regt permission to proceed with construction of pumps without approval detailed drawings.D To Host apd.9-15 To Seattle apd.17 sat's to Co 9-15

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NB--0130

014

BUSHNELL: VALVES.

Number.	Date.	From or To--	Subject.
143116	12-17	Seattle	Steam traps; fwds plan of D. To--Appls with comment. 1/6
			1915
143936	1-2	Seattle 1720	Steam pipes; fwds plan of regulator valve for steam lines to feed pumps. To--Appls. 1/18
147234	2-10	Seattle. 1816	Reducing valve; rec appl. 3 To--Appls. 2/16
✓ 155878	5-24	Lankenheimer Co	Bib cocks; asks kind of pad locks required. To--Fwds specfns covering. 5/26
			1916
180716	3/4	CO	Reqt extension rods for boilerstop valves 515-8
			1917
256737	10/23	Phila	High pressure reducing valve - request plan D To- Plan cannot be identified by number given. Print will be fwded when correct number is given. 10-26
✓ 281299	2-9	Insp. NL.	Fwds. bills for spare parts. R. Fwd S&A- 2-15 To S&A- eqts return re n° 3-1 To S&A 3-1 RE 3-8. R Fwd S&A 3-11

Number.	Date.	From or To.	Subject.
5627	3/12	Brook.	Complete sketch of valves and pump bearings for USS BLS-111. Will be made 3/20. R.
Mo 1146	8/26	To Mo 11	Info re status of material. R
469326	1:6	Nort	Deterioration of cast iron valves sea chests etc - estimate covering repairs. D Destruction of action to Mo 1114 Mo 1114 - Lists alterations auth. copy to CO and Mo 1114 Mo 1114 - 1-16
469330	1:13	NY V O I D	Brush holder details re in propelling motors - Trade prints. D
469326	1:6	Nort	Deterioration of cast iron valves sea chests etc - estimate covering repairs. D Destruction of action to Mo 1114 Mo 1114 - Lists alterations auth. copy to CO and Mo 1114 Mo 1114 - 1-16
628977	6/16	CO At 1 Sub	Re: Insulation cut out valves on steam lines of pump 1114 To CO - Insulation cut out valves on steam lines of pump 1114 Mo 1114 - 1-16

BUSHNELL: VALVES.

1914

Number.	Date.	From or To—		Subject.
120839	3-21	Seattle		Misc valves: fwds print.D To---appd. 4/4.
125329	5/12	Seattle		Miscellaneous valves: fwds prints.D To---appd 6/6
130264	7-11	Seattle		Relief valves: fwds plans. D To---appd as mod. 7/25.
130423	8-14	Seattle	1069	Valves for steam and water pipes: plan.D To---appd. 7/24.
130420	7-14	Seattle	1078	Steam valves: fwds plans.D To---request letter. 7/25. To---appd as mod. 8/6
130703	7-18	Seattle		Safety valves: fwds plans: is cast iron in lieu of composition specified.D To---appd as mod. 8/4
132012	8-3	Seattle	1149	Safety valves easing gear: print.D To---appd as mod. 8/13.
132330	8-15	C&R	30358-E.1	Cuttlng arrangements: rect gate valve be provided.D To---8/18
132478	8-12	Seattle	1169	Cross valves: fwds plans.D To--- Appvd. 8/24

B. SHUTTLE: VALVES. 515-20

Number	Date	From or To	Subject
133933	9-3	Seattle	Valves for water and salt piping: plans.D To-- Appvd. 9/19
134376	9-8	Seattle	Safety valves: Two plans.D To-- Appvd. 9/19
134455	9-10	Seattle	Valve manifolds for evaporator and distiller pump piping: plan.D To-- Appvd. 9/19
134966	9-16	Seattle	2-1/2" and 1" and 3/4" valves: plan.D To-- Appvd. 10/1
135444	9-18	Seattle	Butterfly valve for main steam line: plan.D To-- Appvd. 10/7
135923	9-28	Seattle	Safety valve letting gear: plan.D To-- Appvd as mod. 10/7
136646	10-3	Seattle	Valve for exhaust piping: plan.D To-- Appvd. 10/16
138333	10-26	Seattle	Manifold valves for fire extinguishing sys: plan.D To-- Appvd. 11/7
140666	11-20	Seattle	Low pressure valve manifolds for compressed air system: Two plans.D To-- Appvd with mod. 12/9
142044	12-7	Seattle	Steam traps: plan.D To-- Appvd with comment. 12/18

BUSHNELL: ALLOWANCES:

Number.	Date.	From or To—	Subject.	
/ 810794	2/24	To CO	Reports corrections in Bureau re stock records submarine material. Ym	
612778	3/10	To CO	Submarine material- gives change of material sheets as listed Ym	
624935	5/25	To CO	Submarine material Regst report YL	
626852	6/5	CO	Report covering over expenditure in allotment Y To CO Addnl Allotment authd cc F&A 6/10	
✓ 631017	6/25	TO	Annual inventory - Sub material card.	Y

Number	Date	From or To	Subject
6322396	7/11	CO	Rwds balance sheet equipment & material quarter ending 6/30 Y
631899	7/15	To CO	Gives change in allowance co Eo 30 yard- vessel Is
638751	8/22	CO	* Request allowance list be furnished X Co 10/20 Rwd allowance list X To NOT - Ask if allow listed 10/26 Name Y CO BUSHNELL 12/12 Y
652090	12/8	CO	No matl issued title DRK on account of repairs to ether vessels Y

BUSHNELL: ALLOWANCES

Number.	Date.	From or To—	Subject.
422032	5:26	CO	Req. auth. to turn in propeller blade patterns and cyl. patterns at Phila Yd Y
To Phila. Are patterns for working cylinder blade patterns and cyl. patterns at Phila Yd Y for L-1 to L-4 class subs available. 9-29-48 RB 10-28			To S&A- Regt shipmt propeller blade patterns made of ~~propeller~~ patterns. 10-6 RB 10-15 Phila. 6-3
To Comdt Phila. Advise as to disposition of ~~propeller~~ patterns. 10-6 RB 10-15 Phila. 6-18			To CO- Regts take necessary action to insure delivery of material. copy to S.O. Bushnell S.O. Phila. 6-21
To S&A- Regts shipmt patterns for working cylinder from Phila to DelaVergne. 10-23 10-22			o Comdt Phila- Advise if any steps taken to transfer outstanding job orders. copy to Sub Div. 5. 9-28
To Insp'r DelaVergne. 10-23 10-22			Phila 9-30 (T) No patterns available. S&A-3:22
422032-1		Comdt Phila. 11-1	
1		Phila 12-1 Reports on status of shpmt.	
432043	7-7	CO	Reqd oxy acetylene welding and brazing outfit be included in allowance. Y
			To CO- Inform if additional equipment is desired and if so fwd itemized list. 7-16 CO-7:21
434002	7:7 7:19	CO C&R	Request allowance list be increased by pattern scroll saw. 7-23
			To CO- Advise when saw is received. 7-23
			To S&A- Regt shipmt scroll saw from Phila to NY. En 7/23 --RB-9:30
			CO-8:20.
			To CO if saw assigned is too large, approves reqst in lettr of 8/26-9/2
458052	11:4	CO	Fwds electric allowance book.Y
To - Fwds appvd allow lists. 12-16			To - Returns elec allow list for further checking. 11-24
			CO-fwds allowance book-12:8

1919

BUSHNETT: ALLOWANCES 1920

Number.	Date.	From or To—	Subject.
472767	2/4	To CO	Fwd allowance book rate revision X
51137	8:10	CO	Request increase allowance covering air post charges to be made B-14
555359	4/5	To CO	Gives changes in allow list cc C ^o EV Vess H ^o S ^o Holt 4/5 X
556771 /	4/13	To CUBUSHNETT	Ask for report of receipt for Plateau X CO 4/23-X
591203	10/21	To HORT	Fwd allow list X To CO - Fwd co-allow 10/21 NOTE - Allowance list recd. 10/24 X
596249	11/14	CO	To Request pages of allowance books be fwded. X To Request allow book 11/13

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1917

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BUSHNELL: ALLOWANCES.

Number.	Date.	From or To—	Subject.	
✓ 243612	8/16	To CO	Fwds allow for revision. R	
		To— Fwds two copies of 1918 edition. to supersede previous	1—To— Rept reply. 10/5	
			4—CO— 10/9	
			CO— allowance book forwarded 11/9 RA	
			To Phil— Fwds copies (2) 1917 edition. 11-27	
			To CO— ditto ditto	
			Wash Post Office— allowance— request	
			affidavit be signed 8/29	
245445	8/21	CO	Request battle lanterns be added to allowance list R	
			To— Approvs reqt. 8/28	
248264	9/11	To CO	Fwds allow. L	
			CO— Fwds allowance 11/8 RA	
			To— Returns corrected elec lists. 11-15	
132256	11-9	BUSHNELL	BUSHNELL fwds cards covering material on hand for submarines.	589
✓ 267453	12-17	To CO & MONROE	Changes material:— Y	
267454	12-17	To CO & BUSHNELL	Changes in material:— Gives directions. Y To— Directs report all changes in material promptly to bureau. 1-12	478-21
243612	4/8	To Postmaster Washin	Complaint concerning registered article. Application for Indemnity Returns. Are returning additional copies of allowances.	515-2

Number.	Date.	From or To.	Subject.
316568	6/15	To SAA	Regt shipmt destroyer material from Chasn to Bushnell. D 614-21
378191 2	12-21 12-28	To CO CI	Kids one black type who also list to To CO - mention of BLACK in your letter was in error. 5-8 To CO - 10-11 to 12-21. 4-23-19 CO Reg. allowance list be added. 5-10 Regt shipmt destroyer material from Chasn to Bushnell 614-21
316568	6/15	To SAA	Regt shipmt destroyer material from Chasn to Bushnell 614-21
398770	2:27	NO	Regt. amend radio allowance to include 1 tw-step amplifier and bulbs W.V.
400026	3/1	NO	Request will check be added to allowance - Y To - List amendments to allow lists. 5-8
416463	5/2 Lwd SAA. 5-8	NO	Request increase in money allotment - Y

BUSHNELL: ALLOWANCES.

1915

Number.	Date.	From or To--	Subject.
164131	8-18	Seattle	Allowance: blanks called for; reqt.R To - fwds. blanks 8-24
169824	10/22	CO	Reqd fan allowance be increased.L To Seattle--Changes in. 11/2
169926	10-26	Seattle	Recommends change in grinding wheels.R To-- Changes in. 11/12 RB 11/23
172890	11-29	CO	Recommends inc in allowance. R Retd--Additions to. 12/6
1916			
175762	1-4	Bd on Changes Seattle	Spares for pumps; est inc cost.W To--Fwds appvd 1/11
175960	12/31	S&A	L Subs: BUSHNELL request allowance lists of boats to be assigned here care: Operations names and gives lifting out yards of 514-21
178950	2-4	CO	Reqd inc in money allotment. R To--Allys with comment. 2/15 To S&A--Recommendation re equipment to be furnished vessels when commissioned. 2/15
180937	3-8	To CO.	Additions to allowance. R

BUSHNETT: ALLOWANCES. 515-21

Number.	Date.	From or To—	Subject.
186790	4-24	CO	Request addition of spares for motor boats to allowance. R To—submit in-excess regn for 4/27
210025	12-26	CO	Reqt inc money allotment. R Rwd CI via Sub Plot—Reqt more info. 1/6 RA 1-21 Rwd S&A—2/2
221785	4/10	To Div 5 and Sub	Reqt list of spare parts which have not been received. For, and allowances. R CO Rwd copies of requisition for spare parts/ Material received 8/20 R Rwd S&A—/ RA 4-26
232278	6/6	CO	Request addition of 12 electric fans to allowance list R To CO—gives charges to be made in allow. 6/11
255606	2/26	CO	Request money allotment Rwd S&A—2/30

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BUSHNETT: ALLOWANCES. 515-21

Number.	Date.	From or To—	Subject.
152834	4-16	Seattle	1943
154158	5-1	Seattle	1972
154508	5-4	Seattle	
158943	6-19	Seattle	
159224	6-24	Seattle	
159203	6-24	Seattle	2075
✓160237	7/1	Seattle	
161419	7-16	Seattle	
161420	7-17	Seattle	
✓162959	7/23	SEA	
152834	4-16	Seattle	1943
154158	5-1	Seattle	1972
154508	5-4	Seattle	
158943	6-19	Seattle	
159224	6-24	Seattle	
159203	6-24	Seattle	2075
✓160237	7/1	Seattle	
161419	7-16	Seattle	
161420	7-17	Seattle	
✓162959	7/23	SEA	
Recommend additional air res for air compressors.			forced draft blowers, etc. R to— Add to. 4/27
			Exc. allow. and: contractors take certain to— Approv. changes. 5/15
			Allowance Next list of spare parts for portable safety ladders: submit 11st. R to— Approv. 5/14
			Copy of letter to Eng. Sec. re allowance to— changes in. 4/8
			Allowance list: recommends additional R to— Approv. changes in. 7/2
			Proposed changes in spec. R 7/2 to— Approv. changes in. 7/2
			Recommend addition to allowance. R to— Additions to 7/21
			Change in allowance: Est. inc cost. DC to— change applied 7/27 to— changes. Seattle. 7/27
			Regt additions to. R to— Additions to. 7/26 and 9/1
			Money allotment. R to— Additions to. 7/26 and 9/1

BUSHNELL: WHISTLES.

1914

Number.	Date.	From or To—	Subject.
125662	5/20	Seattle 865	Gives description of the Lunkenheimer type.D To --- appvd 5-26
128183	6/18	Seattle 978	Whistle: fwds plan.D To---appd. 7/2.
130263	8-14	Seattle 1080	Whistle: fwds plans.D To---appd. 7/24.
130769	7-20	Seattle 1097	Siren: fwds cut. D To---appd. 7/28.
143312	12-23	Seattle 1707	Elec operated whistle: plan.D To---Appvs. 1/18

[illegible]

1921

12

Number.	Date.	From or To	Subject.
541321	2;1	W.D.	Auth necessary work in connection with install of Ingersoll Rand steam driven air compressor. D
541322	2;4	W.D.	Installation of air compressor on regular extension of completion date to April 1st
541323	2;12	W.D.	Inspected and found satisfactory condition of cylinder oil in steam cylinders. (11-11)
575336	7/20	To CC BUSHNELL	Cylinder lubrication for Compound Air Compressor disconnected. D

[illegible]

BUSHNELL: AIR COMPRESSOR

1913

Number.	Date.	From or To—	Subject.
111117	11-19	Seattle 342	Westinghouse steam driven; print.D To---appd. 12/3
125087	5/11 5/16	Seattle Ord.	Torpedo air compressors; request wiring diagram.L Fwd Ord. Bu has no prints. 5/20.
138939	10-26	Seattle 1480	Accumulator for air compressor plant: fws plan. Not rec'd. D. To---Plan not rec'd. 11/16 Seattle fwd plans 11-20 To--- Appvs with modif. 12/12
140288	11-18	Seattle 1580	Aircompressor system; plan.D To---Appvs subject to appvl of details. 12/5
186460	4-25	Seattle	Westinghouse air compressor; fws tracing.D
432044	7-8	CO	Host 2 addtl Westinghouse air compressors to be installed. Auth two air compressors. 7-14 copy to CO.

515-23: BUSHKILL, AIR COMPRESSOR.

Number.	Date.	From or To.	Subject.
439355	8:11	CO	Recommendations present also compressors be replaced with steam driven compressor.D
463757	12:16	Dept	Installation of steam driven heavy duty air compressor on authorized.
471509	1/23	NORT	Installation of 2 additional air compressors -
493202	5:12	Boston	Request express shipment of air compressors for replacement of.
			Boston-6:12
			To Phila (T) request whether second stage cylinder heads for S.R. are completed available for shipment 5:12.
			Philis (T) cylinder heads available for shipment - 1 - 5/12
			To S.R. Request shipment of cylinder from Philis to NL 2880 Y.
			To CO Adv if not need 7-27 ~~to NL-7:31~~
			B.R. Request shipment cylinder heads from Philis no more ship cylinder complete Y.
			To CO Ask if not need 6:11 1-16
			Copy of letter to Ingersoll Rand re auth shipment of last air compressor.
			Installation of steam driven air compressor-submits
			To Mr. Hoff est signed with motion 1/31/21 re ordn-
			Don

[over]

NH-0150

BUSHNELL: GAGES.

1015

Number.	Date.	From or To—	Subject.
152105	7	Bd on Changes, Seattle	Fuel oil meter: inc cost, D Fwd Dept-- Rec appvl of 4/13 RE appd 4/17 To Seattle-- Fwds copy of appvd, 4/19
195081	7/29	5th Div, Atl Sub Flo	Request authority to transfer indicators from the FULTON.
649646	11/9 11/8	1922 CO Sub Div 4	Rests install contometer on 300 generators. To CO- Gives action taken 12/7

BUSHNELL: GAGES:

1911

Number.	Date.	From or To—	Subject.
✓ 115361	1-13	Seattle	Torsionmeter: recd. permission to bore 4" axial hole in line shafting for fitting Gary Cummings. D To---appd. 1/19
123376	4/17	Seattle 756	Fwds prints and details of Gary-Cummings torsion meter. D To---appd. 5/4.
✓ 123463	4-22	Seattle	Thermometers: recd authority to substitute mercurial for dial. D To---appd. 4/28.
124677	5-7	Seattle 819	Oil meter: Worthington type for measuring fuel oil: fwds print. D To---appd with comment. 5/16.
✓ 125663	5/20	Seattle 863	Engine indicators, mechanic-1; proposes Ashcroft Co's Tabur: lists spares. D To -- appvd 5-26
✓ 128855	6-26	Seattle	Est inc cost for installing oil meter. D Fwd Dept. reast appr. 7/6. D To---appd---to Bd. 7/15.
✓ 129046	6-27	Seattle 1009	Marine clock: fwds copy of specs and order. D To---appd. 7/11.
133774	8-31	Seattle 1233	Pressure gages: submits list. D TO -- appvd 9-9

BUSHNETT: GAGES, 615-24

Number.	Date.	From or To—	Subject.
136635	10-6	Beattie 1375	Asks what type of oil meter was approved. To--- Appvd with comment 10/15
138697	11-4	Brook	Thermometers and fittings: reports shipment without inspection by Schneider & Budeburg's
140283	11-16	Seattle 1572	Oil meters: twds plans.D To--- Appvd. 12/5
142372	12-10	Seattle 1630	Driving gear: mechanical for shaft revolution indicator. To--- Appvs with comment. 12/28
142709	12-16	Seattle 1675	Torsionmeter: bracket for card holders: plans.D To--- Appvs. 1/5
147809	2-13	Seattle 1821	Engine room gage b and: twds plans.D To--- ppvs with mod: 3/5
150138	3-15	Seattle	Revolution counter to be fitted by Park Co: asks if location approved.DH To--- instructions. 3/22
151735	4-3	Seattle 1903	Revolution counter: asks permission to omit. DH To--- ppvs. 4/5

BUSHNELL RECORD OF WORK

1922

Number.	Date.	From or To—	Subject.
624497	12/22/21	Norfolk	12/30/21 to 4/18/21 Y
626267	5/25	Norfolk	7/31/20 to 10/25/20 Y
633088	7/17	New Lond Sub Base	Quarter ending 6/30. Y
633986	7/1	CO	Quarter ending 6/30 Y
649747	11/1	CO	quarter ending 9/30 Y

BUSHNELL: RECORD OF WORK

1916

Number.	Date.	From or To—	Subj. ect.
177866	1-25	Pug.Sd	Nov 20 to Jan 5. Y
245105	—	CO	Quarter ending June 30th Y
253657	10/7	Phila	May 11th to Oct 7th Y
256601	10/22	Bost	Sept 6/16 to Oct 27/16 Y
261837	11/18	Phila	11/7 to 11/18 - Y
289824	3/12	Phila	11/7 to 11/18/17 - Y To Reqls report on cost of repairs. 3-13 Phila - 4-6 Phila - relative to cost of repairs to M & T engine - 4/15 - Y

615 - 25 FUGITIVE: WISCONSIN

1916

Number.	Date.	From or To—	Subject.
232064	7-31	Boston	Feb 22nd, 1916 to May 24, 1916. Y
440002	8-1	THE FUGITIVE	WISCONSIN. Y
402620	3:11	Palis	2:3:19 to 3:11:19 Y
469146	1:8	North	12-18-16 to 1-3-20.Y 1920
561049	3:11	North	7:31:20 to 10:25:20.Y 1921
611244	2/23	North.	11/20/21 to 1/10/22 Y
621514	4/1	GO	Quarter ending 3/31. Y

E15-27	SUBMIT. DATA	Name	Date	From or To	Subject
604271		1/6	Norfolk	21	Paragon club her Y
617099		2/25	BUSHY ST	22-22	Transformer Y
682194		4/14	Business	27-22	Propeller Y
633352		7/1	Bustnell	28-22	Lathams Y
625677		7/27	5th Dist	18	Gears, propeller Y
628897		9/22	5th Dist	11	Generator, Starter, Sound Y
643318		9/23	No 17	41	Cylinder, Sub lath Magneto Y TWCS 24 A 10/27

Number.	Date.	From or To—		Subject.
546757	2/14	Norf	28	Lubricators, Headers Y
546756	2/14	Norf	31	Compressor Y
551022	3/10	Norf	34	Ventilating set, Motor drill, Batteries Y
551966	3/16	Norf	35	Storage battery Y
554234	3/28	Norf	38	Cylinder, Piston Y
554232	3/28	Norf	36	Tool, engine, Valve Y
554233	3/28	Norf	36-1	Main engine Y
554687	3/30	Norf	39	Tubes Y
555553	3/31 _p	Norf	38	Gasoline torch Y
556636	4/8	Ind Mgr	40	Clutch Y
557806	4/1	Ind Mgr	41	Cylinder, Piston Y
556269	3/28	CO	43/21	Motion picture machine Y

BUSHNETT: SURVEYS

Number.	Date.	From or To	Subject.
585852	9/13	C. O.	Dynamometers, telephone, etc. Y.
599716	12/8	NOT	Leaf cutters, Magnets Y
599715	12/8	NOT	Soldering torch Y
600067	12/12	NOT	Torches Y
601422	12/15	NOT	Thermometers Y
601421	12/15	NOT	Pistons Y
601567	12/16	NOT	Shart Y
601773	12/15	NOT	Tubes Y
601772	12/22	NOT	D-111, Hammer Y
601770	12/22	NOT	Taps and dies Y
602359	12/27	NOT	Drilling saw Y
602360	12/27	NOT	Drilling cutters, Vice Y
603264	1/4	NOT	Drilling cutters Y
47/21			

BUSHNELL: SURVEYS:

1

1919

Number.	Date.	From or To--		Subject.
468154	12:12	CO	4-20	Armature slings.Y
512344	8:17	Norf	3	Carburetor.Y
512343	8:17	Norf	2	Taps and Dies.Y
514053	8-25	Norf	4	Lathe chucks; Y taps & dies; Y
515263	8:20	CO	7	Klaxon horn bracket fan batteries etc.Y
518513	8/21	CO	1-21	Hose. Y Fwd. CR. 9-24
519107	9/23	Norf.	8	Armatures Y Fwd. CR. 9-24
519104	9/24	Norf.	14	chuck drill Y
522766	10:6	CO DOWNES	6-1921	Coils, mirror, decimeter, and hydrogen detectors.Y Fwd. Navign 10-19 - RB-11;23-Y
522767	10:6	CO DOWNES	6-1921	dillo.Y
523175	10:13	Norf	15	Various items.Y
543578	1/17	Norf	28/21	Lubricators, Headers Y

515-27: B. ST. 11. 3.

Number.	Date.	From or To—	Subject.
523610	10:16	None	Bosch magneto Y
524413	10:16	None	Bosch magneto Y
524413	10:19	None	Cylinder and connecting rod Y
526800	10:20	None	Motor mounting, flywheel Y
526919	6/4	Exhaust valve	Exhaust valve Y
527919	11:5	None	Working cylinder Y
537195	12-27	N. E.	Thermometers
537813	12/29	None	Iron, Y
539578	1/8	None	Propeller Y
539576	1/8	None	Collar Y
543357	1/28	None	Switch Y
543581	1/28	None	Motor generator Y

CALIFORNIA: Specfns.

1916

Number.	Date.	From or To--	Subject.
(184777	4-15	To Yards-Inspcs-C&R. Gen Insp-Nav Acad.	43 & 44: specfns for electric plant; fws.D C&R one copy returned
186953	4-29	M.Is	Request advance copies of machy specns.D To--Not yet rec'd from printer. 5/9 To--Fws specfns. 6/20 To--Fws specfns. 8/3
✓ 195303	8-3	To Pitts.	Fws machinery specifications. D To--Fws specfns to GE who will fwd you TENNESSEE'S specfns which were sent him by mistake. 8/9 Pitts specifications sent to GE Co; contra request nine copies of TENNESSEE'S 8/9
199030	9-13	To Yards-Incps-Etc.	Fws specfns for machinery & elec plant.D to GE--ask when receipt will be fwded. 7/12
534935	12:14	Bd I&S	Request machy specns.D To Bd I&S Fws cc specns 12-16

Number,

Date,

From or To—

Subject,

Number.	Date.	From or To--	Subject.
624688	FROM CARD 19		CO 8/2 L To Sug Snd- grants authority 8/12 C O Copy action to ? D. 7/24
639295	8/25	To Comdt M.I. Joint	\$800 allotted un er apprs "Increase Navy" for work on CALIFORNIA. Docking bills will be handled by Bus without allot. C
643870	10/2	Inaptr GE	Fwds contractors invoices & affidavits govt final payments. K Fwds Disbursing office 11/4

Number.	Date.	From or To	Subject.
647980	10/24	12 Co -Bursting Office	Request check cover 20% installment on KP Was disbursing office 11/7
648840	11/8	CO	Gives reasons why yes, it is not available appe for final trial at the present time D
650387	11/20	Board I&S	Will hold final trial on 7-2 November 27 D

[over.]

4-3341

Number.	Date.	From or To—	Subject.
621709.	5/2	C&R	To Fwds report of board on preliminary trial. D Inpr Lachy SE Fwis cc of report 5/11
622310	5/6	C&R	Copy of letter to Ordnance calling attention to certain items of work incident to report of official trial D
622326	5/6	C&R	Calls attention to various items of work incident to report on official trial D To C&R - Give Regate comments 5/17 C&R 5/17 Ask if will authorize work on TESTS similar to that authorized on CALIFORNIA Y To C&R instln satisfy 5/24 C&R To Pac Snd - work authg cc C&R 5/25
OVER			
622725	5/9	Pac. Fleet Copy	Request action on Trial Board report. D.

Number.	Date.	From or To—	Subject.
622940	5/11	Ordin.	Copy of letter to Dept giving action on various items on report of preliminary standardization trials. D.
624151	5/17	C&B	Rwds report of board on gun trials. DL
624688	5/20	nbd lks	Rwds depts comments on preliminary and standardization trials. D. The sd. (T) Request action on item 7 preliminary trial report. A Rd. d. (J) Request action on report of preliminary trial at 1/12. To Eng Snd - purchase of phones not desired 0300 7/17
TO CARD 20			To Eng Snd - purchase of phones not desired 0300 7/17
622326		FROM OVER	To Eng Snd - purchase of phones not desired 0300 7/17 G.R. 7/-8 copy action to Eng. Snd. 6/14 D G.R. - Rwd's estimate from Eng. Snd. 6/14 D Rwds C&B 9/15

CALIFORNIA - TRIMES PAYMENT

1 1 22

Number.	Date.	From or To-	Subject.
617273	4/3	Bd I&S	Wds synopsis of ashry and hull data. 2.
617288	4/6	Memo for Aide to Chief of Navig.	Requests that listed telegram be sent to R P Monges, GE Co-
616197	?	Bd I&S	Subm report on preliminary trial held 12/5 to 9, 1931. 2. To LI Gives Action cc CO- Bd I&S 5/17 Pac Fleet 5/27 To C-12 Pacific fleet- alterations attd cc Squad 4 Pac Fleet- CC's CALIFORNIA NEW MEXICO MAYLAND Pac 5nd- NY - C&N cross 104 714 (rower for steering engine from engine room excitation circuit 6/9
619567	3/30 1/19	Bd I&S Lept	Subm comments on preliminary and standardiza- tion trials. 2. Fwds Operns 4/25

Number.	Date.	From or To-	Subject.
619679	4/18	JAG	Submit report of board on preliminary trial D Pwds C.A.M. 5/9
619589	4/12	TO II ccint	2. Case in which report of War II Litch
620920	4/22	Pac Fleet	Request copy of Dept. 11 action on preliminary trial Board's report D
621330	4/22 5/1	Pac Fleet Dept Fleet	Request copy of action on report of preliminary trial D Pwds M.B. 5/4

1922

4-3581

CALIFORNIA

WILKS BARRETT ETC

1922

Number.	Date.	From or To—	Subject.
606909	1/28	Disbursing Office	Wds Invoice and public bill in favor of W. J. or certification. R Wds Dept 6/5 No
607721	2/1	Insp. M.	Contractors ask date of preliminary acceptance of work. D. of on file 1/6 to Insp. M. 2/8/18 Insp. M. 2/8/18
608599	2/2	MI	Rwd progress reports, vessels building. D.
615241	3/20	MI	Insp. of additional shaft revolution indicator in main operating room—estimate of increased cost. D. To MI estimate approx 4/6
615068	3/23	M.I.	Wds proposals of 1/20 & 2/11/18 to 1/20-1/23 inform for 4/5 pm

Number.	Date.	From or To—	Subject.	
598331	12/1	12th Dist. Copy	Will hold engineering trials beginning 12/5 at San Pedro. D.	
598561	12/3	MI Copy	Progress report, vessels building. D.	
598646	12/3	CO Copy	Vessel left for San Pedro with trial board on Board. D.	
553297	4:19	Dept (Sec Sig)	Copy of action to Senator Page submitting draft for inclusion in appropriation bill to increase limits of cost on battleships 44 to 48 incl. DOBBIN & HOLLAND and S-14 to 17.	46-B-2
553297	8:2	Dept (Sec Sig)	Copy of action to Congressman Butler giving reasons for continuing work on C. LIP-ORRIN & W. TYLAND at excessive cost over appropriation.	46-B-2
599752	12/9	CO Copy	Trial completed satisfy. D.	

CALIFORNIA TRIALS PAYMENTS ETC

1921

Number.	Date.	From or To.	Subject.
600196	12/13	Prisco	Report on speed trials conducted, with comments on displacements. D.
600168	12/7	MI	Ask what part of total freight charges is chargeable to engine. D. and can 12/19. and M 12-1:13-Du
600192	12/8	MI	FWDA reports on new construction. D.
602576	12/31	MI	Progress report, vessels building. D.
603036	1/3	MI	Progress report, vessels building. D.
603190	1/15	MI	
604236	1/17/22	Inspector GE	Insulin of relay oil pumps and tank and changes in lubricating oil drain lines in motor room - estimate of increased cost. D. Finished machine 1 have not been recom no further payments be made to GE CO. until 11/11/22 for CALIFORNIA etc have read and accepted D.

CALIFORNIA: TRIALS PAYMENTS ETC

Number.	Date.	From or To—	Subject.
593728	10:31	M IS copy	Progress report vessels building.D
593789	11:1	M IS T	Progress report vessels building.D
594363	10:31	M IS	Fwdg summary of cost job order in connection with work on main propelling machy chargeable to GE Co.D
TSM IS-contra state are willing to have total amount deducted-1;13-Dn			To Insp GE Regt inform 11/19 Insp GE 1/6 D
594438	11:4	Frisco copy	Final tentative date of gun trials Nov 14 engineering trials Dec 5th.D
595146	11/9	.Y.	Arras report of wiring in engine motor and control rooms- 1715 Prints. D
595331	11/9	MI (2)	Request orders be issued to Lt.C.W. Colby and J.M. Cain temporary duty in conn with trials. D
595566	11/4	Make 1st.	This reports on new constructions. D

Number.	Date.	From or To.	Subject.
597140	11/22	W & W Co.	Request auth to have Co's experts on board and receive trials of fuel oil burning apper- Dept. copy of letter to B. Y. Co. stating T-2 inadvisable to run vessel more than 18 knots - excessive vibration at 20 knots. D.
597262	11/19 11/23	Bd I&S Dept VOID 595-2	
597541	11/26	Westinghouse E/M Co.	Request permission for J.H. Hind to attend trial - D. Dept. copy of letter to Westinghouse E/M Co. stating trials will commence 12/5. 11/30 D.
597827	11/29	Westinghouse E/M Co.	Request permission for G. F. Frazier and J. C. Foster to be present during trials. D. Dept. copy of letter to Westinghouse E/M Co. stating trials will commence 12/5 11/30 D.
598149	11/30	MI (M)	Progress report, vessels building. D.

Number.	Date.	From or To—	Subject.
589239	10:7	~~Insps~~ GE Co	Reqt official trials of CALIFORNIA be postponed until trials of MARYLAND have been completed. Company has only one set of trial experts. D
			To Bd Insp US Survey - Submits records 10/11
589299	10:7	Dept	Copy of telegram to Bd I&S Pac Coast stating not practicable to hold tests and trials prior to Nov 15th. D
589330	10:1	M IS	Report showing condition of work on Sept 30th. D
590134	10:12	Pac Flt copy	Vessel will arrive San Francisco Nov 5th for docking preparatory to trials. D
590238	10:12	Pac Flt copy	Vessel will arrive at Eriego Nov 5th for docking preparatory to trials. D & Y
589792	10/13	To SAA 4928	Reqt shipmt of searchlights from MI to SO L
590513	10/14	Dept	Copy of telegram to Pacf. Coast giving instrns rel to trials of D.
591085	10:17	Pac Flt copy	Vessel will proceed with firing test. D

592-2, CALIFORNIA, TRIALS PAYMENTS, ENCL

1921

Number,	Date,	From or To--	Subject,
591110	10:18	C&R	Copy of letter to M IS making vessel available at Bridge about Nov 5th for decking preparatory to trials is D
586913	9/20	Insp R	Rvds contrs revised water rates for main 592-9 turbines D
526225	10	SEE CARD 10	Re H-145 - Pac Coast Sec - Trials - modification of 10/22/20

[OVER]

4-3281

CALIFORNIA TRIALS PAYMENTS ETC

1921

Number.	Date.	From or To—	Subject.
578511	8/1	MI	Report showing condition of work on 7/31 D.
578579	8:1	M IS copy	Will place vessel in commission Aug 10. D
578800	8:2	M IS copy	Progress report vessels building. D
580117	8/10	MI (2)	Vessel commissioned. D.
580224	8:2	M IS	Report on work on vessel building. D
580777	8:20	M IS	Trials report corres. D
582116	8:22	M IS	Copy of receipt to Trial Board. D
582250	8:23	M IS T	Dry dock and flooded. D
582893	8:26	Insp r GE	M IS-reports on docking and work to be done-8:18-D Fwd contrs claim for inc compensation for propelling machy-D&K crosses to D&K Fwd Dept cc Insp r GE 9/3 RB-9:30-D

692-2: CALIFORNIA TRIALS PAYMENTS ETC.

192

Number.	Date.	From or To.	Subject.
584931	9:1	N IS	Progress report.D
584931	9:1	N IS	Monthly report.D
584551	9/8	Comdr W.A. Sneed 1	CALIFORNIA report on two hour trial. operations in lubricating system necessary. Chief
584590	9/8	Operations	CALIFORNIA directs report Commander-in-Chief as flag ship D
585820	9/8	MI	Writings-Water rated- new instruments available to MI calorimeters for final acceptance trials 9/20
589512	10:3	N IS	two Tol. Progress reports vessels building.D
588916	10:6	See 214 copy	Recommend test and trials be advanced to November 1st.D

CALIFORNIA: TRIALS PAYMENTS AND ETC:

Number.	Date.	From or To—	Subject.
549986	3:1	M IS	Report showing condition of work on Feb 28th.
554871	3:4:1	M IS T	Progress report vessels building-D
555324	4:1	M IS	Report showing condition of work on Mar 31.D
525667		SEE CARD 10	To Bd L&S Fwds print -trial outfit-arrangement of water measuring app for comment-Reqst action D M IS-T-req approval of plan of trial outfit-4:11-D To MI (T) Appd 4/12 To MI Plan appvd asgd file 4/15 4-6-RB-4:8
555432	4/12	Naval Academy	Fwds request of Lt. Com J.R. Redman for duty on board CALIFORNIA as electrical officer. F 632
563223	3:1	M IS	Report showing condition of work on Apr 30.D

Number.	Date.	From or To.	Subject.
566337	5:31	M IS	Progress report.D
567155	6:1	M IS	Report showing condition of work on way 31st.D
567646	6/2	MI	Progress report of vessels building. D.
573137	7:1	" IS	Progress report vessels building. D.
57760	7:1	M IS	Progress report vessels building. D.
575545	7/20	To Comdt MI	Explain trial instructions. In fuel oil on trials. 7/20 no need to change load the book and conste comp. instructions for use on 3. 11 no slip to 1 for trials 7/30 in No Comdt M. Island 7/30 3. 11 in the evening. See at 11 ship two Call on 3/6 in To Navy 7/15 in slip. No 3. 11 in the evening. See at 11 ship two 6/6

CALIFORNIA: TRIALS PAYMENTS AND ETC:

Number.	Date.	From or To—	Subject.
531107	11:16	M IS	Necessary to assign priority to work on vessel if ~~ax~~ completion ~~is~~ to be expedited. ~~AD~~
531951	11:30	M IS T	Progress report vessels building. D
532430	12:2	M IS copy	Progress report vessels building. D
532710	11:26 12:2	Insp GE NY	Contrs request payment of 18th installment. D&K To Insp GE. Gives instrns 12-6 Fwd LI 12-6 R ^d 12-23 Bill 1-3/31 To Post Of Avds
532970	12:1	M IS	Report showing condition of work on Nov. 30. D
533717	12-18	To CAR	Reservations in rel settlement D.
537681	12/30	Hare Island Copy	Progress report of vessels building. D.
537787	12:29	M IS	Fwds public bill covering tracing cloth. K Fwd LI 1/5/31
537906	12:31	M IS	Report showing condition of work on Dec 31st. D

Number.	Date.	From or To—	Subject.
511136	9:12	501	It is considered that the order appointing Bd to hold office is being issued.
511137	1:11	511	Progress of the vegetable building.
511138	2:1	511	Report on the progress of the vegetable building.
516792	2:15	515	Submits detailed report on expenditures on to Jan 25 D.
470785	2:11	515	Finds prints showing weights of also plant in 51255
548618			Dept. of Agriculture to M is directing continue work and expedite completion—3:12-D M is J—Dept. instructs to work on—ask if employees shall be discharged or not—C and Dept. JOINT re list of funds necessary to complete Dept. JOINT 3/11 B 3/17 Progress report vegetable building-D
549426	3:11	515	Progress report vegetable building-D
549425	2:26	515	Dept. estimate as to date of completion and probable readiness to place in service-D and leave via Jan 3/4 and leave via Jan 3/4
549425	3:12	515	Never copy of action to Dept-3:21-D

CALIFORNIA: TRIALS AND DELIVERIES.

Number.	Date.	From or To—	Subject.
502710	7:1	M IS T	Progress report vessels building.D
503085	7:1	M IS	Report showing condition of work on June 30.D
5104645	8:3	M IS	Fwd's monthly report also for MONTANA and destroyers 136 and 336 clas.D
511486	8:12	SOL	Fwd's copy of Dept's order appointing Bd to hold preliminary trial.D
512413	8:13	M IS	Calls attention to matters which now or may in future interfere with completion of vessel D&W.
E. IS comments on-9:25-LW&D			Fwd NY 8/24 10:9:9-L
Fwd L. NY 10-4 RB-10:13-L			To M.I. comments 8/24
To M.I. Gives Form 10-4			To Navies advises has fur ind mgr with plan of 8/20
NY-10-11-L			compass system 8-27
512845	8/9	L Is.	Report showing condition of work 7:31. D
514701	8:31	M IS	CALIFORNIA & other vessels building at yard—percentage of completion.D
515719	9:1	M IS	Progress report.D
520429	10:1	M IS copy	(2 telegrams) progress report vessel building.D

CALIFORNIA: TRIALS, EXERCISES, ETC.

Number.	Date.	From or To--	Subject.
461517	12-1	Mare Isl	Report showing condition of work on 11-29. D
464868	12;22	M IS T	Air pumps blowers, wiring and accessories for necessary during December. D To (T) - Additional \$50,000 material increase Navy C&M allotted for December. 12-23
466262	12/31	M IS T	Percentage of completion of various vessels bldg - D
466910	1;1	M IS	Report showing condition of work on Dec 31st. D
473596	2;1	M IS	Report showing condition of work on Jan 31st.
477193	2-18	NY (SEE OVER)	Asks if trial outfit similar to that prepared for TENNESSEE should be installed on CALIF.
To I.M. Ny - Directs installation of trial outfit similar to TENNESSEE. 2-21 copy to I.M. Ny. 2-21 NY arrangement and details of pumps, tanks, piping for measuring feed water on trial trip - 2-21			
476613	2-17	To M IS joint	Probable completion date. Request for date in progress reports.
481527	3;1	M IS	Report showing condition of work on Feb 28th. D

CALIFORNIA; TRIALS & PAYMENTS;

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Number	Date	From or To	Subject
477193	3-16	SEE OVER	Fwd Bd ICS-3-16 RB-3822 No I.R. by late phone apptd. 3-23
485405	4:1	M IS	Report showing condition of work on Mar 31st.D
485941	4:1	M IS	Report showing condition of work on Mar 22nd.D
491468	4/29	M IS	Best Bu. gonfirm reports for October 1917 August 1918 reformed - D No is acct of report - 5/15 - D No is - two copies of report - 5/15 - D
495294	5/1	M IS	Report showing condition of work in 4/30 - D
496822	5/29	M IS (T)	Percentage of completion of sewage building.D
498237	6:1	M IS	Report showing condition of work on May 29th.D

CALIFORNIA: TRIALS PAYMENTS ETC

Number.	Date.	From or To—	Subject.
422881	6:1	Mare Is	Progress report D
429470	6/30	M Is T	Percentage of completion of vessels bldg - D
430518	7	M Is	Monthly report. D.
~~436614~~	~~8:1~~	~~Griffin copy~~	~~Vessel ready to proceed Pacific station August 14.A~~
436613	7:1	M Is copy	Percentage of completion of vessels building at.D
443300	9:3	M IS copy	Monthly report.D
444174	8:30	M IS	Submits month'y report.D
447564	9:23	Inspr GE	Propelling machinery-fwds insurance on.D Fwd Solicitor. 9-29

CALIFORNIA; TRIALS, PAYMENTS, ETC.

Number.	Date.	From or To.	Subject.
448438	9-30	Ware Isl (P)	Status report of vessels building. D
449055	10:2	Solicitor	Copy of letter to INS re acknowledgment receipt of insurance policies on propelling machinery. D
449172	9:30	M IS	Report of work showing condition of machinery. D
455414	10/31	M IS	Progress report on vessels building - D
455681	11/1	M IS	Report showing condition of work on 10/31-D
459028	11:20	M IS	Vessel successfully launched Nov. 20th-A
460596	11/29	M IS	% of completion of various boats bldg - D

CALIFORNIA: TRIALS: PAYMENTS ETC

Number.	Date.	From or To—	Subject.
401077	2:27	Mare Is.	Submits report on machinery D
401154	3:8	Ins. GE	Fwds contr. req. for partial payment covering propelling machinery X Fwd SEA. 3-12
402535	3-19	Fwd Mare Island Joint	Estimated Cost. Is - Cds blue prints of revised estimates - 4/31
407219	3:31	M Is	Tel percentage of completion report of vessels building D
409265	4:1	MI	Reports on machinery for March D
409258	3:25 (TRANSFERRED TO 2- 2-9)	Ins. Ford	Req. information and suggestions on tilt trap for turbine D

CALIFORNIA; TRIALS PAYMENTS ETC

Number.	Date.	From or To--	Subject.
409266	4:1	MI	Reports on machinery for March D
409781	4:1	PR	Monthly report for AA-3 and AA-2 DN
415004	4/30	MI 1	Percentage of completion of vessels building - D
415828	4/30	MI 1	Monthly report.
416322	5-1	Mare Island	Condition of work on 4/26 - D
418743	5:1	Ins. PR	AA-3 monthly progress report D
422342	5/31	MI 1	Progress report vessels bldg - D

CALIFORNIA; TRIALS; PAYMENTS; ETC.

Number.	Date.	From or To—	Subject.
368382		Mare Island	Report on machinery - showing condition of work on Oct. 29
373211	11:29	Mare Is.	Tel. report on progress D
374008	11:30	Mare Island	Progress report DN
374012	12/3	M Is T	Submits report on % of completion of various ship's blog - DN
376398	12:6	Ins. F R	Cont. req for 35th payment K
381569	12/31	M Is T	Report of % of completion of various ships building - DN

CALIFORNIA: TRUSTEES: PAYMENTS: ETC 692 - 2

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Number.	Date.	From or To.	Subject.
382696	1/1/19	M Is	Status report - DN
391049	2:1	Mare Is.	Progress report DN
296326	2:18	Ins. G E	Pwds contr. bill and affidavit covering present payment for machinery K Pwds adv. 2-25
398508	2/28	M Is	Work on parts and fittings progressing satisfactorily - D
398675	2:28	Mare Is.	Mr. submits progress report on changes building D
399514	2:28	Mare Is	Progress report DN

[OVER]

1-3354

Number.	Date.	From or To	Subject.
322376	7-2	Mare Island T	Submits report of completion of construction and alterations to the building at J.P.
321383	7-1	Mare Island	Monthly report
331811	7/31	M. I. T	Submits report of completion of "A" and "B" & other boats building.
332401	7-30	Ins. Co. GE	Weds insurance policy covering fire risk on machinery furnished to C. L. B. & K Fwd Solicitor, 8-2
331810	7/31	NY	Report of machy showing condition of work on 7/31 - 2
335285	8-1	Mare Island	Monthly report

CALIFORNIA: TRIM: PAYMENTS: ETC. 592 - 2

Number.	Date.	From or To—	Subject.
343336	8/31	M Is	Status of completion of vessels bldg at - D
342555	8-1	Mare Is.	Report on machinery showing condition of work on Aug. 31. D.
354336	10/1	M Is T	Submits status of completion of various ships building - D
355619	9:30	Mare Island	Monthly report DA
364228	10:28	Mare Is.	Monthly report D
364774	11/2	M Is T	Submits report on % of completion of various ships building - D
364761	11/2	M Is T	Report of progress of installation of boilers on - also other work - D
367016	10-31	Mare Island	Monthly report DN

[over]

CALIFORNIA: TRIALS : PAYMENTS ETC

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Number.	Date.	From or To—	Subject.
298249	4-9	Mare Island	Monthly report. N
181948	4-25 10:4	Mare Island T Mare Is. tel.	Bend of tubes completed. K M Is - T - 5/17 Mare Island. T 5-23 Mare Island - T - 5-7 Mare Island - T - 6-14 M Is (T) 6/27 Mare Island - T - 7-4 Mare Island - T - 7-12 Mare Island - T - 7/18 Mare Island - T - 7-26 Mare Island Aug 1 telegram - D Mare Island tele - 8-2 Mare Island 8-10-26
301782	4/26	GE	Propelling machy - application for 12th payment-K Fwd SEP. 5-1
302709	5/2	M Is T	Submits % of completion of California vessels bldg at Yd

Number.	Date.	From or To—	Subject.
303630	1	M. IS.	Rnds report showing condition of machinery work on California 14/26 M
303631	4:26	G. E.	G. E. regls. 12th payment. K
302981	4:30	Mare Island	Rnds report on machine showing condition of work 4:30 M
311325 1	5/27	CR	Centre request 12th payment on her rolling mach. - I Rnds 301 5-31 Rnds 301 6-20 Request payment be expedited. K 6-19
312438	6/2	M. IS	Rnds 301 6-20 Request payment be expedited. K 6-19
312949	—	M. IS	Monthly report - K

CALIF: TRIALS: PAYMENTS: ETC.

1917

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Number.	Date.	From or To—	Subject.
259894	11/5	Calif	Monthly report. N M Is - (R) corrections - R
259978	11/9	GE	6th payment Fwd S&A- 11-12
262026	11/15	M Is	Monthly report N
265561	12/4	GE	Contract 26257 - 7th payment for propelling mach - request K Fwd S&A-12-7
267577	—	M Is	Monthly report - N
271902	1-4	GE	Insurance on material; fwds policies. K wd Solicitor- 1-8
271907	1-4	GE	Propelling machinery; application for 8th and 9th payments. K wd S&A- 1-8

CAPT. TRAVIS: WATKINS; REC.

Number.	Date.	From or To—	Subject.
272571	1-9	M Is R	A. SIVAN & CALVERT & 93 & 94 lots on or completion - R
274597	1/10	M Is	Monthly report - R
282523	none	M Is	* Monthly report. N WD SKA 2-23
283295	2-15	Insp. G E	Propelling machinery. 10th payment. A
287038	2-5	Insp. G E	Propeller machinery. 11th payment - regt. R WD SKA 3-7
289365	2-28	Mare Island	Monthly report.
296782	3-10	M Is R	Destructors 92 and 93 and 136, and K subs monthly reports. N

CALIFORNIA: TRIALS: PAYMENTS: ETC.

Number.	Date.	From or To—	Subject.
✓ 227599	4/30	M Is	Report of expenditures K
✓ 227945	4/30	M Is	Monthly report
✓ 233427	6/8	M Is	Monthly report N
✓ 233777	7/5	M Is	Monthly report - 1st - 2nd payments request of Pd 13A-7/5
236767	7/5	G. Co	End insurance policy covering material and request first and second payments be credited Pd 13A-7/5

Number.	Date.	From or To—	Subject.
238669	7/6	M Is	Monthly report M
241346	7/29	GE	Request and payment for propelling machinery M Fwd STA—7/31
243465	8/8	M Is	Monthly report M
246328	8/27	GE	Propelling machinery — contract 26207 — 4th Fwd STA—8/30 Request and payment for propelling machinery M
249733	9-7	M Is	Monthly report M
254251	10/10	GE	Request and payment for propelling machinery M Fwd STA—Recommendations appt. 10-13
254965	10-10	M Is	Monthly report M

CALIFORNIA: REPORTS OF

Number.	Date.	From or To—	Subject.
181948	8/10	M Is R	
	8/16	M Is T	
	8/25	M Is R	
	8-30	M Is R	
	9/6	M Is R	
	9/13	M Is R	
	9/20	M Is R	
	9/27	M Is T	
	10/5	M Is R	
	10/13	M Is R	
	10/19	M Is R	
	10/25	M Is R	
	11/2	M Is R	
	11/9	M Is T	N
	11/16	M Is R	N
	11/22	M Is T	
	12/2	M Is R	N
	12-7	M Is T	
	12/14	M Is T	N
	12-21	M Is T	
	12/27	M Is T	
	1/4	M Is R	N
	1-10	M Is T	
	1/19	M Is R	
	1-31	M Is T	D
	2/8	M Is T	
	2-15	M Is R.	
	2/21	M Is T	N
	2/28	M Is R	No change
	3-7	M Is T	Progress report.

592-2: CALIFORNIA: REPORTS OF WORK.

Number.	Date.	From or To.	Subject.
181948	3/15	M IS T	
	3/22	M IS R	
	3/12	M IS - (T)	Monthly report - N
	4/19	M IS R	N
	5/3	M IS.	Tel. California M
	5-21	Waco Island T	
	6/27	M IS T	
	9-26	M IS T	Telegraph

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CALIFORNIA:

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✓ 1a

CALIFORNIA: REPORTS ON WORK.

Number.	Date.	From or To	Subject.
181948	9-21	M. Is T	
	9-28	M. Is T	
	10-5	M. Is T	
	10-12	M. Is T	
	10/19	M Is T	
	10-20	M. Is T	
	11-2	M. Is T	
	11-10	M. Is T	
	11-16	M. Is T	
	11-23	M. Is T	
	11-29	M. Is T	
	12-8	M. Is T	
	12-15	M. Is + R	
	12-22	M. Is T	
	12-28	M. Is T	
	1/5	M Is R	
	1/11	M Is R	
	1/18	M Is T	
	1/25	M Is (T)	
	2/1	M Is R	
	2-8	M. Is R	
	2/15	M Is R	
	2/28	M Is R	

CALIF. REPORTS OF WORK. 592 -- 2

Number.	Date.	From or To—	Subject.
181948	3/2	M IS	M IS (M) 8/2
	3/9	M IS	M IS - 4/4 (M) - N
	3/15	M IS	Make Island. T - No other work than reported undertaken. N
	3/23	M IS	5-10 Island 6-10 late. N - D
	3/29	M IS	
	4/6	M IS	
	4/12	M IS	
	4/20	M IS	
	4/27	M IS	
	5/4	M IS	
	5/10	M IS	
	5/17	M IS	
	5-25	M IS	
	6/2	M IS	
	6/7	M IS	
	6/14	M IS	
	6/22	M IS	
	6/29	M IS	
	7/14	M IS	
	7/20	M IS	
	7/22	M IS	

BATTLESHIPS No 44: tTRIALS.

Number.	Date.	From or To—	Subject.	
181171	3-1	M. Is	Date for form 102 and 102 special.N	
181241	3-10	M. Is R	No work other than that reported in telegram Feb 24.N Fwd Dept-- 3/11	
181948	3-18	M. Is 6-1 M. Is 6-9 Fwd Dept--6/10	No work started other than that reported Feb 24. N	
M. Is (T)	5-5	Fwd Dept--5/1 RB 5/4 Fwd Dept--5/5	M. Is (T) 8/3 Fwd Dept-- 3/18 RB 3/22 M. Is (T) none 3-23 M. Is (R) none 4/6	CAPD 4
	5-12	Fwd Dept--5/12	M. Is (T) none 3-23 Fwd Dept--4/1 M. Is (R) 4-21 none	
	5-27	Fwd Dept--5/27	Fwd Dept--4/22 M. Is 4-29 (T) Fwd Dept--6/5	
179545	3/31	T Dept (SE-COR-Y&D)	Floating crane at M Is Yd for use in construction of BS 44; rec item be inserted in Nav Appro Bill covering	615-7
181948	6-14	M. Is T	Fwd Dept--6/16	
	6-24	M. Is T	Ref. Dept. 6-26	
	6-29	M. Is T	Fwd Dept-- 7/1	
	7/6	M. Is T	Fwd Dept--7/7	
	7/14	M. Is T	Fwd Dept-- 7/14	
	7/20	M. Is T	Fwd Dept--7/25	
	7/27	M. Is T	Fwd Dept --7/28	
	8/10	M. Is T	M. Is - (R) - N	
	8-17	M. Is		
	8-24	M. Is T		
	8-31	M. Is T		
NB-0120	9-8	M. Is T		
	9-15	M. Is T		

CALIFORNIA: TRIALS: PAYMENTS: ETC. 592 -- 2

Number.	Date.	From or To--	Subject.
193704	7/7	N Is	Rest authority to discontinue sending wire every Thursday until work is actually under way. N Lwd Dept--Rec apptl. 7/19 RB 7/22 to--Dept directs weekly report be continued, 7/24
195401	7/24	Callr	VOID
198559	8/30	M Is	Revised estimates: Tada M
201587	10-2	M Is	Request computing gravity weights. D To--Lws Mach. heavy weight sheet. 10/14 K Is asks if Bureau has final weight sheet. 10/14 Agrees with sheets forwarded in Oct. 1914 Reference to spec. pipes, upstake, etc (N) 1/20
202996	10/19	NY	Report of expenditures. K
203726	10-25	M Is	Keel laid. N
212545	1-19	M Is	Lin. shaft thrust bearings: asks if to be treated as inc cost in connection with making out form 102
215385	2-8	M Is	Schedule for form 102: submits revised est based in revised plans and specs. N L Is revises form 102 to cover boring bar equipment charged against ship 3/17 Monthly report. N
217350	3-16	M Is	Report of expenditures. K
217364	3-6	M Is	ditto
222003	4-4	M Is	ditto

Number.	Date.	From or To--	Subject.
✓ 52012	10/20	WV	Rept two copies of elec wiring and lighting fittings and fixtures he furnished. L To CO Gives Action 11/10
✓ 593857	10:24	CO	
		1922	
✓ 607941	1/30	CO	Frds descriptive matter and sketches submitted by Ganner J. J. Kewagor Gov electric follow-up system. L benef. suggs. L To CO 1/11
✓ 527761	6/8	M.I.	Omission of fire control telephones from search light station. Estimate of decreased cost L
✓ 527762	6/8	M.I.	Installation of electric detaching devices for Franklin life buoys. Estimate of increased cost. L To MI JOINT- estimate apvd 6/24

[illegible]

1921

✓ 5

Number.	Date.	From or To--	Subject.	
557030	4/2	To MI	Portable Cable - Gives inform re shipment	of L
514468		SEE CARD 3	To Insp & G E Co. Gives inform re Addnl 3 conductor Cable cc I L 5/7 Insp re Card shipped April 29-5:9-L	
562733	5/10	To S&A	Request shipment of cable from Chasn to MI RE 11/16 L	7208 L
562924	5:4	M IS	Request latest issue of instrns for service test of elec plant. To MI Fwdg copies of advance sheets cc IN NY L 5/24 IS - recd action 5:25 * To MI (T) Fwdg cc advance sheet 5/24 5/26	

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Number.	Date.	From or To—	Subject.
571351	6/17	Coast Inspr Union Compns Bd.	To MI Gives Status of shipmt cc SEA 7/9 MI 6/20 To SEA Request shipment of cable from Phila to FO Be Request to SEA 7/13
574463	6:11	M IS	In conn with shipmt of cable to MI for CALIFORNIA To SEA Request shipment of cable from NY to 30 MI 8085 7/13 RB-9:20-L Right ship portable conductor between cable by last freight To SEA Request shipment of cable from NO to MI 8144 7/13 To MI Gives Inform rel cable 7/13 RB-9:20-L
534092		see card 4	To MI Rel cable - Gives Inform 7/15 L

Number.	Date.	From or To—	Subject.
534092	12-11	To S&A	Request shipmt of cables from Boston to MI 5504 L RB 3/14/21
Ports returns shipment order cannot furnish matl 1-3; 25-1			To MI 3/12
Fwd S&A 5/6			To S&A Request shipmt of cable from Ports to SO MI 6625 3/15 RB 5/28 L
534093	12-11	To S&A	Request shipmt of cables from Pug Snd to MI 5505 L
536971	12;22	M IS	Request wire and cable be furnished for work on class and destroyers at yard. L
			To MI Will enter shipmt order 1/11/21
540120	1;7	M IS	Request shipmt of cable from Boston to MI 5952 1/17/21
			Request elec prints listed be furnished. L
540126	1;9	M IS	Request Lindys of elec fixtures listed be furnished. L
			To MI Fwds Vandyke 1/24
541304	1;19	M IS	Request shipmt of cable leaded and armored cable and conductor. L
			To MI (T) Gives action 1/20
			Request shipmt of Cable from Phila to MI 6136 1/31/21 RB-10;12-L

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CALIFORNIA ELBEC PLANT GEN RAL

. 1921

Number.	Date.	From or To—	Subject.
524039		SEE CARD 3	To MI Gives information re shipment order L 2-1/21 To MI Gives shipment of wire and cable from Ports 2:1-1 2/5/21 L 2-1/21
547209	2/19	To MI	The Electrical Insulin Co. L M 15-2-19
547644	2:14	M 15	Next elec plant listed be furnished L
663290	2:18	M 15	Request ship armoured cable at once for L
558886	4/14	MI	Request specifications of test to be performed on all electric machinery installed. To be performed in NY. Request of test 218 be fixed 4/25 NY Times form showing testing of various sizes cables 4:23-1

CALIFORNIA: EL 30 PLANT.

Number.	Date.	From or To—	Subject.
507342	7:21	M IS	Copy of letter to Inspr Brocks asking if wire and cable has been shipped.L
509950	8:54	NY	Arrangement of wiring in engine motor- and control rooms—wds prints.L To NY. appvd 8/12
514468	8:24	M IS	Request Bureau obtain three conductor leaded and armoured cable.L
To LI 12-15			
To S&A. Reqt action 12-15			
S&A-12:20			
To LI Gives inform 1/15/31			
517932	9:18	M IS	Inspr GE-4:15-L Requests wire for.L
To LI auth larger size cable 9-20			
To S&A. Reqt cancel of shprt			
order 4480			
517249	9:20	M IS	To LI (T) Gives inform re shprt 9-20. To S&A Reqt a part of cable from Brock to SO LI 4480 9-22 RB-126M IS-copy action FSB-10:2-L Request wire be shipped.L To LI (T) Cable will be shipped from Norf 9-21
517892	9-22	To S&A	Reqt shprt of Cable from Norf to LI 4479 9-22 To S&A Reqt shprt of Cable from NY to LI 4553 9-26
Regn I Is	29 L R	10-15 To LI	Action withheld pending inform and consent from court re weight of sheet of at listed co purchasing officer Union L

[illegible]

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-1920-

Number.	Date.	From or To.	Subject.
491297	4/26 5/3	M IS CER	Method of supporting elec. cable and appliances - test authority to compete in accordance with present practice - L and CER. 5-6 Request shipment cable from Phila to M.I. 2671 5-6. From NY. 2672. 5-6. RB-7-28 From Boat. 2673. 5-6. From NLIK. 2674. 5-6. NY - continue telephone conversation in connection with shipment of cable to M.I. for To SOLT via SEA. Request M.I. prepare again to cover requirements for mat listed 6-30. Copy of letter to NY requesting information relative to status of elec. plans - L
491739	5-6	To SEA.	
498326	6/2	M IS	Copy of letter to NY requesting information relative to status of elec. plans - L
500372	6:14	M IS	Copy of letter to NY requesting action be taken to supply two add'l franklin life buoys detaching device. L
500823	6:17	M IS	Copy of letter to Insp'r Brookn asking when wire and cable listed will be shipped. L
502306	6:29	NY	Copy of letter to M.I. stating two add'l detaching devices for franklin life buoys will be shipped within a week. L
506271	7:17	NY	Arrangement of cables and distribution room with chords - two units. L

CALIFORNIA: ELEC. PLANT.

Number.	Date.	From or To—	Subject.
✓ 202455	10/18	To H. Is.	Bu desires to increase by 5 the number of copies of Record of Elec. Appliances. Gives list of distribution. L
✓ 222266	4/14	To H. Is.	Testing and Measuring Instruments. Lists articles revision will include, R To—Gives title type of regger. 6/16
32487	7-20	F.H. Lovell Co.	Elec equipment for WA & Tenn; state cannot advance date of shipments on contract for transformers and deliver this material on contract date. 629
396492	2/17 2/19	H. Is. T S&A	Request authority to purchase local flat steel for manu of cable hangers - elec/ installation on - L fwd S&A. 3-15
410485	4:11	NY	Have fwded. copy of electrical specifications serial number 25 to Ware Is/ L

Number	Date	From or To	Subject
446027	9:12	M IS	States plans are now being taken due to conversion of vessel into fast ship. Plans if necessary wiring work will be done at NY or M IS. To - Necessary changes to wiring plans will be made by Navy and NY. 9-22. copy to I.K. NY. 9-22.
428208	10/17	NY	Has no change be made in Tenn and Cal at this time. To NY will not require changes in design of buidled up deck strutting boxes for Tenn and Cal by 10/21
470808	1:13	M IS <i>See card 3</i>	Submit report on wire cable report for L to M IS - gives detail action 1-24 To SA and from North to MI for CALIFORNIA 1/31 To SA and from Boston to MI for Cal 1/31 St-3:10 St-3:10 N 12-10 action-11:2-1 in copy of letter to M IS stating no changes is desired. L To L 12-10- Regte prints of supporting cables. method. 2-12 M IS- method of supporting also cables- Regte prints/2-19
479157	2:25	M IS	Submit list of elec plans urgently needed. L I.K. NY. 2-5 copy to M IS. RB-3:25

CALIFORNIA: INT COM SYS:

Number.	Date.	From or To--	Subject.
529153	11:13	C&R	Copy of letter to M IS stating voice tubes list satis.L
529249	11:9	M IS	Request disposition of type "B" annunciators for if same are not to be installed.L To M IS gives inform 12-11 M IS 12:11-L M IS 12:14-L
530287	10:23 11:19	M IS C&R	Additional voice tubes fwds prints-L fwds C R 12-7 M IS-fwds prints-12;2-L
532416	11:30	NY	Fire control telephone list and system fwds prints.L To M NY Plan-ass'd 12-9
534562	12:11	M IS	Copy of letter to C&R stating July 21, 1921 is date of completion of work on.L
526580		SEE CARD 6	To M NY Plan ass'd file No 1/10/21 L

Number	Date	From or To	Subject
540791	1:10	VOID	Project information as to the assistance of the confidential informant in the execution of the assignment.
540300	1:10	TO IS	Re: West Virginia division assignment. Informants to be assigned to the assignment.
541355	1:21	Ord	TO MI Gives Inform cc 4/27 TO MI Gives Inform 1/26/21 TO MI Gives Inform 1/21/21
526926		SEE CARD 6	TO MI Gives Inform 1/26/21 TO MI Gives Inform 1/21/21 TO MI Gives Inform 1/21/21
547536	2:19	TO MI (L) M IS 3/3	TO MI (L) Gives Inform cc 4/27 TO MI (L) Gives Inform 1/26/21 TO MI (L) Gives Inform 1/21/21

CALIFORNIA INT COM SYS

1920

Number.	Date.	From or To--	Subject.
513306	8/24	C&R And C&R. 9-30. 23-10;3-L NY-10-13 RB 12/27 L To Insp NY Plans a lvd 1/12/21	Communication of fwsd copy of letter to Ware Island with print L To H NY Fwsd Plan C MI 9-1 NY-will furnish modified plans-9;2-L NY-9;27-L
513579	8/19	Mare Island	Check fire and salvo system- Copy of letter to N.Y. requesting ships be expedited. L
513999	8/20	Mare Island	Copy of letter to Insp Brook rqsting material be expedited. L
516728	8:21 9:11	M IS C&R	Change voice tubes estimate decreased cost.L Fwd Solicitor 5-15 RB-9;22-L Fwd C&R. 9-28
517248	9:13	NY	Telephone storage boxes-fwsd plans-L To H NY unsatisfy 9-16
517681	8:23	M IS	Pneumatic tube installation-estimated change in cost.L Fwd Solicitor 5-20 RB-9;23- Fwd C&R. 9-28
518593	9:21	C&R VOID	Estimate for foam fire extinguishers.Y
518598	9:21	C&R	Voice tube changes due to searchlight.L

CALIFORNIA FIRE CO. SYS

1920

Number.	Date.	From or To--	Subject.
520905	10-4	MIS	Ask what Forbes log system shall be in- stalled on.
520905	10-5	To MI (2)	Insulin station Forbes system letter and no reco- ver all in typed.
52198	10-13	To C.R.	Report change of at from NY to LI 4236 10-13-21
526419	10-30	C.R.	Ends sketches of present and proposed terminal stations in field of service. Terminal is for local. M 13-12-31-1 Voice tubes-ends prints.L and C.R. 11-8 Copy of letter to M 13 giving allowance of largest indicator.L
526500	10-30	Ord	Ends print showing overhauled control system also gyro compass system.L To M 13 plans arrived ce M 11-13 Ends sketch and diagram of loud speaking telephones calling attention to trouble ex- posed with T.
528106	11-8	M 13	Ends sketch and diagram of loud speaking telephones calling attention to trouble ex- posed with T. To M 13 plans arrived ce M 11-13 Ends sketch and diagram of loud speaking telephones calling attention to trouble ex- posed with T.

CALIFORNIA; INT COM SYS:

1921

Number.	Date.	From or To—	Subject.
548838	2:19	M IS	Request wire for portable fire control leads be furnished. L
Fwd S&A 7/13			To MI. Gives inform re shipmt orders 3/12 To S&A Request shipmt of leads from Boston to SO MI 6624 3/15 RB-7:30 AL To S&A Request shipmt of leads from NY to SO MI 6623 3/15 RB-4:25 S&A ask if substitution of twin conductor plan wire satis-3:23 Fwd S&A cc SO NY MI 5/11 To S&A Request shipmt of leads from ports to SO 7845 6/15 RB-9:31 Ask if will with battle dressing stations for engineers force on. L To IM NY Plans shld be modified cc MI 4/12
555771	4:4	NY	
557029	4:7	M IS	Ask when shipment of 7 dm Western Elec telegraphs may be expected. L Fwd S&A cc MI 5/12 RB 2/19 L
558575	4:16	Norfolk	Copy of letter to M IS in connection with shipment of addtl DM phones for ship service telephone system. L
563201	5:6	M IS	Request pr Ints showing wiring diagram of director correction system. L
564140	5:11	M IS	Request Winkler Reichman to send representative to visit to addtl land speaking telephones. L To Winkler Reichman cc Gives inform re instln of land speaking telephones cc In pr Chicago Comdt 5/24 To MI Gives action 6/10 5:31-L
566933	5:26	M IS	Request wiring diagram of anchor telegraph system. L

Number	Date	From or To	Subject
568025	6/10	To MI -Auth	Authorizes installation of Auxiliary Current Supply for Broadcasts direct follow-the-pointer system
573993	7/16	To MI JONIN	Change -revolving of landings bar after broadcast-direct tower arrived
576850	-/2	-mspr clac.	Copy of letter to all stations re: the control of letters on the air is being prepared. It will not start until sample is approved.
568114	8/10	MI (1)	Winkler Reichman told speaking telephone unsatisfactory. Right do representative unsatisfactory. Will call in 11:30-11:45. Winkler Reichman 09.- Will turn in 11:45-11:50. Winkler Reichman told speaking telephone to M.I. 8-11 not to Winkler phones unsatisfactory representative not to arrived 10:20-10:30-11:00-11:10-11:20-11:30-11:40-11:50-12:00-12:10-12:20-12:30-12:40-12:50-1:00-1:10-1:20-1:30-1:40-1:50-2:00-2:10-2:20-2:30-2:40-2:50-3:00-3:10-3:20-3:30-3:40-3:50-4:00-4:10-4:20-4:30-4:40-4:50-5:00-5:10-5:20-5:30-5:40-5:50-6:00-6:10-6:20-6:30-6:40-6:50-7:00-7:10-7:20-7:30-7:40-7:50-8:00-8:10-8:20-8:30-8:40-8:50-9:00-9:10-9:20-9:30-9:40-9:50-10:00-10:10-10:20-10:30-10:40-10:50-11:00-11:10-11:20-11:30-11:40-11:50-12:00-12:10-12:20-12:30-12:40-12:50-1:00-1:10-1:20-1:30-1:40-1:50-2:00-2:10-2:20-2:30-2:40-2:50-3:00-3:10-3:20-3:30-3:40-3:50-4:00-4:10-4:20-4:30-4:40-4:50-5:00-5:10-5:20-5:30-5:40-5:50-6:00-6:10-6:20-6:30-6:40-6:50-7:00-7:10-7:20-7:30-7:40-7:50-8:00-8:10-8:20-8:30-8:40-8:50-9:00-9:10-9:20-9:30-9:40-9:50-10:00-10:10-10:20-10:30-10:40-10:50-11:00-11:10-11:20-11:30-11:40-11:50-12:00-12:10-12:20-12:30-12:40-12:50-1:00-1:10-1:20-1:30-1:40-1:50-2:00-2:10-2:20-2:30-2:40-2:50-3:00-3:10-3:20-3:30-3:40-3:50-4:00-4:10-4:20-4:30-4:40-4:50-5:00-5:10-5:20-5:30-5:40-5:50-6:00-6:10-6:20-6:30-6:40-6:50-7:00-7:10-7:20-7:30-7:40-7:50-8:00-8:10-8:20-8:30-8:40-8:50-9:00-9:10-9:20-9:30-9:40-9:50-10:00-10:10-10:20-10:30-10:40-10:50-11:00-11:10-11:20-11:30-11:40-11:50-12:00-12:10-12:20-12:30-12:40-12:50-1:00-1:10-1:20-1:30-1:40-1:50-2:00-2:10-2:20-2:30-2:40-2:50-3:00-3:10-3:20-3:30-3:40-3:50-4:00-4:10-4:20-4:30-4:40-4:50-5:00-5:10-5:20-5:30-5:40-5:50-6:00-6:10-6:20-6:30-6:40-6:50-7:00-7:10-7:20-7:30-7:40-7:50-8:00-8:10-8:20-8:30-8:40-8:50-9:00-9:10-9:20-9:30-9:40-9:50-10:00-10:10-10:20-10:30-10:40-10:50-11:00-11:10-11:20-11:30-11:40-11:50-12:00-12:10-12:20-12:30-12:40-12:50-1:00-1:10-1:20-1:30-1:40-1:50-2:00-2:10-2:20-2:30-2:40-2:50-3:00-3:10-3:20-3:30-3:40-3:50-4:00-4:10-4:20-4:30-4:40-4:50-5:00-5:10-5:20-5:30-5:40-5:50-6:00-6:10-6:20-6:30-6:40-6:50-7:00-7:10-7:20-7:30-7:40-7:50-8:00-8:10-8:20-8:30-8:40-8:50-9:00-9:10-9:20-9:30-9:40-9:50-10:00-10:10-10:20-10:30-10:40-10:50-11:00-11:10-11:20-11:30-11:40-11:50-12:00-12:10-12:20-12:30-12:40-12:50-1:00-1:10-1:20-1:30-1:40-1:50-2:00-2:10-2:20-2:30-2:40-2:50-3:00-3:10-3:20-3:30-3:40-3:50-4:00-4:10-4:20-4:30-4:40-4:50-5:00-5:10-5:20-5:30-5:40-5:50-6:00-6:10-6:20-6:30-6:40-6:50-7:00-7:10-7:20-7:30-7:40-7:50-8:00-8:10-8:20-8:30-8:40-8:50-9:00-9:10-9:20-9:30-9:40-9:50-10:00-10:10-10:20-10:30-10:40-10:50-11:00-11:10-11:20-11:30-11:40-11:50-12:00-12:10-12:20-12:30-12:40-12:50-1:00-1:10-1:20-1:30-1:40-1:50-2:00-2:10-2:20-2:30-2:40-2:50-3:00-3:10-3:20-3:30-3:40-3:50-4:00-4:10-4:20-4:30-4:40-4:50-5:00-5:10-5:20-5:30-5:40-5:50-6:00-6:10-6:20-6:30-6:40-6:50-7:00-7:10-7:20-7:30-7:40-7:50-8:00-8:10-8:20-8:30-8:40-8:50-9:00-9:10-9:20-9:30-9:40-9:50-10:00-10:10-10:20-10:30-10:40-10:50-11:00-11:10-11:20-11:30-11:40-11:50-12:00-12:10-12:20-12:30-12:40-12:50-1:00-1:10-1:20-1:30-1:40-1:50-2:00-2:10-2:20-2:30-2:40-2:50-3:00-3:10-3:20-3:30-3:40-3:50-4:00-4:10-4:20-4:30-4:40-4:50-5:00-5:10-5:20-5:30-5:40-5:50-6:00-6:10-6:20-6:30-6:40-6:50-7:00-7:10-7:20-7:30-7:40-7:50-8:00-8:10-8:20-8:30-8:40-8:50-9:00-9:10-9:20-9:30-9:40-9:50-10:00-10:10-10:20-10:30-10:40-10:50-11:00-11:10-11:20-11:30-11:40-11:50-12:00-12:10-12:20-12:30-12:40-12:50-1:00-1:10-1:20-1:30-1:40-1:50-2:00-2:10-2:20-2:30-2:40-2:50-3:00-3:10-3:20-3:30-3:40-3:50-4:00-4:10-4:20-4:30-4:40-4:50-5:00-5:10-5:20-5:30-5:40-5:50-6:00-6:10-6:20-6:30-6:40-6:50-7:00-7:10-7:20-7:30-7:40-7:50-8:00-8:10-8:20-8:30-8:40-8:50-9:00-9:10-9:20-9:30-9:40-9:50-10:00-10:10-10:20-10:30-10:40-10:50-11:00-11:10-11:20-11:30-11:40-11:50-12:00-12:10-12:20-12:30-12:40-12:50-1:00-1:10-1:20-1:30-1:40-1:50-2:00-2:10-2:20-2:30-2:40-2:50-3:00-3:10-3:20-3:30-3:40-3:50-4:00-4:10-4:20-4:30-4:40-4:50-5:00-5:10-5:20-5:30-5:40-5:50-6:00-6:10-6:20-6:30-6:40-6:50-7:00-7:10-7:20-7:30-7:40-7:50-8:00-8:10-8:20-8:30-8:40-8:50-9:00-9:10-9:20-9:30-9:40-9:

Number.	Date.	From or To—	Subject.
128	12/9	To CC	General announcing Telephone system LR
601205	12/14	CO CALIF	Sum report on Winkler Reichman loud speaking telephone system- installed on. 117
614680	3/16	LI	Instln of docking telegraph system- estimates of increased cost. 1 To LI- Aprvs estimate 4/1 1 Dn Joint.
614681	3/16	LI	Instln of 3 general alarm bells- estimates of increased cost. 1 To LI Estimate approved 3/29
614684	3/16	LI	Instln of 14 additional ships telephones- estimates of increased cost. 1 To LI- Aprvs Estimation of cost 4/1 1 Dn

Number.	Date.	From or To—	Subject.
583979	8:30	M 13	Kite balloon telephone—ask it to be installed. I to it. Gives Act on cc Insp Chicago 5/23
583568	10:4	Dept	Copy of ind to Pac Rpt disapproving submittion of LANSSES for CALIFORNIA in conducting gun firing test. I
Bu Eng	120 10/19	To Co California	Report of land speaking telephone system—
593846	10:27	M 13	Next addl transportation be allowed Winter Heichmann Co representative in connection with adjustment of loud speaking telephones on. I See- copy action to Winkler Heichmann Co. 11/18 I
583813			Twined from card B No C&B plans of voice tube install recommended for appeal 11/1 I See- copy action to Mare 12/12 I

Number.	Date.	From or To—	Subject.	
616610	3/29	MI	Omission of cease firing contact under- bridge and gang- sub estimates of increased cost. Estimate appvd 4/12	
610114	4/8	To S&A 17	Request shipment of Tel system from Chicago to SO San Pedro I	47-B-4
620237	4/19	MI	Addition of broad side director station 2-fire control telephone system- estimate of increased cost. Estimate appvd 5/5	
620238	4/19	MI	Addition of broad side director station 2-fire control telephone system- fnds estimate of increased cost. Estimate appvd 5/5	
620239	4/19	MI	Addition of broad side director station 4-fire control telephone system- sub estimates of increased cost. Estimate appvd 5/5	
620241	4/19	MI	Addition of circuit for fire control telephone system- estimate of increased cost. Estimate appvd 5/6	

Number.	Date.	From or To—	Subject.
614755	3/17	MI	Instn of addl spare fire control telephones—estimate of decreased cost. L To MI—4/1 L Dn To MI—4/1 L Dn
615425	3/22	MI	Addition of engine order telegraphs in control tower—estimate of increased cost. L JOINT—To MI Estimate added 4/8
615422	3/22	MI	Addition of engine telegraph— estimate of increased cost. L JOINT To MI Estimate added 4/7
615430	3/21	MI	Omission of engine revolution telegraph from engine rooms—estimate of increased cost. L To MI Estimate added 4/6
616611	3/29	MI	Addition of dead reckoning tracer system— estimate of increased cost. L JOINT—To MI Estimate added 4/13

CALIFORNIA

INT COM SYS

1922

Number.	Date.	From or To—	Subject.
622555	5/5	MI	Omission of thermostat at boilers on emergency fire room signal system- estimate of decreased cost. L To MI Estimate appvd 5/20
622554	5/5	MI	Addition to fire room telegraph system- estimate of increased cost. L To MI JOLM Estimate appvd 5/23
622553	5/5	MI	Addition of Forbes log indicator system- estimate of increased cost. L To MI JOLM Estimate appvd 5/23
624926	5/23	Ordinance	Copy of letter to Pug Sd directing undertake Ordinance work listed L
624950	5/19	M.I.	Addition of telephones in lieu of voice tubes in distribution rooms. Estimates of increased cost. LD To LI Estimate appvd 5/29

Number	Date	From or To	Subject
630242	4/19	MI	Addition of board line detector station to MI estimate of increased cost. To MI estimate of increased cost. Addition of circuit 2-1-X fire control to MI estimate of increased cost. Continuing circuits 1-1-Y and 2-Y telephone system - estimate of increased cost. To MI estimate of increased cost.
630235	4/19	MI	Addition of circuit 2-1-X fire control to MI estimate of increased cost. Continuing circuits 1-1-Y and 2-Y telephone system - estimate of increased cost. To MI estimate of increased cost.
630234	4/19	MI	Continuing circuits 1-1-Y and 2-Y telephone system - estimate of increased cost. To MI estimate of increased cost.
6322415	5/4	M.I.	Addition of oil pressure telegraph sys. to MI estimate of increased cost. To MI estimate of increased cost.
6322416	5/4	M.I.	Addition of indicators. Estimate of increased cost. To MI estimate of increased cost. To MI estimate of increased cost.

Number.	Date.	From or To—	Subject.
625820	5/23	II	Addition of return call for tubes- estimate of increased cost. 1 To MI estimate appvd 6/9
626892	6/2	Mare Island	Addtl loud speaking telephone bridge conning tower and central station to steering room. Estimate of increased cost. 1 JOINT estimate appvd 6/17
626893	6/15	To MI	Emergency No 81 estimate appvd due to install of Annunciator in main control room L Dn
626895	6/2	M.I.	Addition of loud speaking telephone in secondary conning station to steering room. Estimate of increased cost. 1 To M ¹ JOINT Estimate approved 6/17.
627608	5/5	M.I.	Addition of loud speaking telephone. Estimate of increased cost. 1 To MI JOINT- Estimate appvd 6/24
¹ 627760	6/8	M.I.	Addition of two complete sets of shaft revolution indicator systems. Estimate of increased cost. 1 To MI estimate appvd 6/23 To MI JOINT estimate appvd 6/26

Number.	Date.	From or To.	Subject.
624949	5/19	P.I.	Installation of ship service telephone system. Estimate of increased cost. 10 To MI estimate appvd 6/2
625795	5/24	MI	Omission of return calls for voice tubes- estimate of decreased cost. 1 To MI estimate appvd 6/9
625796	5/24	MI	Omission of return call for tubes- estimate of decreased cost. 4 To MI estimate appvd 6/9
625817	5/23	MI	Omission of return call for connecting tower branch of voice tube - estimate of decreased cost. 1 To MI estimate appvd 6/9
625818	5/23	MI	Addition of return call, connecting tower branch of voice tubes- estimate of increased cost. 1 To MI estimate appvd 6/9
625819	5/23	MI	Omission of return call, distribution room, and branches to tubes- estimate of decreased cost. 1 To MI estimate appvd 6/9

CALIFORNIA INT. A. A. 373

1942

Number.	Date.	From or To-	Subject.
634594	7/19	Iac Fleet	Submits part of report of inspection of Fwds Ordn Co Pac Fleet- C 8/5 Pac Fleet 8/17 Fwds corres submitting recommendations rel to alterations to fire control generators L To C-I-C Pac Fleet- Desires standard arrangement 9/2 L co Navy Yds and shops. to S&A Request shipment of current supply from MI to Ships listed 1052 9/9-13 11/21 L Pac Fleet 9/11 Copy action for Battleship Squad 4. L
TO CARD 14		Shipment order 9/9 (1052) RB 3/16/23 L	
634750	7/24	Pug 3d T	Request approval of arrangement of anti- aircraft telephones & salvo circuits in accordance with Bureau instructions L To Pug 3rd (T) Approved 7/27
635034	7/26	Pug 3d (T)	Request auth to relocate rudder angle indicator in starboard fwd corner of fire house. L To Pug 3rd (T) Approved 7/28
636815	8/7	Pac. Fleet Copy	Request additional availability of vessel to relocate turret rammer control switches. L

Number.	Date.	From or To—	Subject.
627766	6/8	M.I.	Cancellation of voice tube calls. Estimate of decreasing cost 6/20 To M.I. Make paid 6/20
627767	6/8	M.I.	JOINT— Addition of speed ring and emergency signal. Estimate of increased cost. 1 To M.I. Make paid 6/25
627768	6/8	M.I.	Addition of combining torpedo defense and anti-aircraft salvo system. Estimate of increased cost 6/25 To M.I. Make paid 6/25
627769	6/8	M.I.	Addition of 28 loud speaking telephones. Estimate of increased cost 1 To M.I. Make paid 6/24
627770	6/31	CO	Installation of 125 in main control room and 125 in main control room. Estimate of increased cost 1 To M.I. Make paid 7/13 1 25

CALIFORNIA INT COM SYS

1922

Number.	Date.	From or To—	Subject.
634594-	FROM CARD	LS	~~fact sheet - Perry fire control system~~ ~~reports on test of 10/20~~ ~~To C-1-C Battle Fleet - two reports cc bat fleet -~~ ~~CO's NEW MEXICO TEL ESSEES and CALIF. A 1/6/23~~
655064	12/26	S&A	Copy of telegram to Navy Supply Depot directing ship meters to vessel 1

CALIFORNIA: INT COM SYS

Number.	Date.	From or To—	Subject.
505152	7:12	NY	Copy of letter to M IS in connection with shipment of desk push button for call bell system.L
505154	7:12	NY	Copy of letter to M IS in connection with shipment of target angle transmitter system.L
505153	7:12	NY	Copy of letter to M IS in connection with shipment of contact makers for salvo system.L
505264	7:17	M IS	Request telephone leaded and armored cable be shipped at once. To S.A. Regt. shipmt of Cable from Ports to M.I. 3796 7-19 RB-8:16-L RB-10:11-L To M.I. Regt. Ports Supply at once 7-19 To M.I. Inc. enclosures 8-14
505798	7:21	M IS	Request ship at once plain cable urgently needed.L To S.A. Regt. shipmt of plain cable from Phila to M.I. 3796 7-22 RB-8:12 To M.I. Advises re shipmt of Telephone cable 7-23 S.A. copy of action to Phila-L
507307	7:28	Dent	Copy of letter to G.D. directing install Overhead and Chadburne gear on board.

CALIFORNIA: INTERIOR COMMUNICATION SYSTEM.

-1920-

Number.	Date.	From or To—	Subject.	
✓ 472458	1/27	NY	Recommends authorize omission of action cut out switches on boat hour gong system. To IM NY approves recs. Req mod of plan 2/2	1
			~~NY diagrams of boat hour gong system-fwds prints-2;18~~	
475753	2:12	NY	Smoke telegraph system-fwds prints.L	
451831	2-19	N.Y.	Range and deflection system for TENNESSEE and CALIFORNIA; fwds prints;	647
486603	4-10	To C&R	Location of Broadside Direct Telescope - Reqs detail information re location of fire control stations. L C&R-torpedo defense station and cage mast types-fwds prints-4;16-L	
493551	5/13	NY-ask location of comm office on 8-9-L	Ship service telephone list - fwds print - L	
5	NY-fwds modified print of ships service telephone list 1-6-16		To I.E. NY Plan disappvd. 5-18.	
493555	6/13	NY	NY-ship telephone list-fwds prints-6-9-L NY-fwds prints showing standard bulkhead boxes-6-9-1-L fwds prints showing officers calls - L To I.E. NY Plans appvd 5-18.	
499746	6:10	H.S.Haslip (?)	Copy of letter to NY asking if 2 light indicators for emergency fire room signals shipped.L	

592-4: CALIFORNIA: INT COM SYS:

Number.	Date.	From or To—	Subject.
500408	6:14	M IS	Copy of letter to NY requesting info as to what action has been taken re to supplying check fire and salvo signal sys. I.
500938	6:22	NY	Officers call bell system-fnds wiring to I.L. NY Plan appvd with comment CC W.I. 6-26.
500959	6:22	NY	Wiring diagram of loud speaking telephone system-fnds I.L. NY Plan appvd with comment CC W.I. 6-26.
501923	6:26	NY	General arrangement of appliances in int communication room-fnds I.L. NY Plan appvd CC W.I. 7-6.
502359	6:23	M IS	Copy of letter to NY requesting advice of flush deck push buttons for call bell sys. I.
502356	6:23	M IS	Copy of letter to NY requesting Institute tracer governing contact makers for salvo system. I.
502597	6:30	QBR	Copy of letter to M IS approving voice tube modifications. I.
503960	7:6	NY	Proposed arrangement of communication circuit-fnds I.L. NY Plan appvd CC W.I. 7-16 CC W.I. 7-16.
NY-fnds revised I.L. of radio telegraph arrangement of connecting circuit-fnds I.L. NY Plan appvd CC W.I. 7-16 CC W.I. 7-16.			NY-fnds revised I.L. of radio telegraph arrangement of connecting circuit-fnds I.L. NY Plan appvd CC W.I. 7-16 CC W.I. 7-16.

CALIFORNIA: INTERIOR COMMUNICATION SYSTEM. 1919

Number.	Date.	From or To—	Subject.
432142	7-14	To I.M. Ny	Changes in interior communication systems due to change of vessel to Flagship. L
	NY 10-18	Submits estimate.	Copy to Comdt Lare Island. To C&R. 7-15 NY-request nomenclature of radio stations on vessels—(Cross to 6)
434284	7:19	C&R	Recommends additional loud speaking telephones for installation in TENNESSEE be recommended for CALIFORNIA in magazine. L Fwd I.M. Ny- copy to L Is and C&R. 7-26-RB-8:11
435142	7:25	C&R	Copy of letter to NY regarding changes in voice tubes. L
437905	8:6	NY void	Progress report. B
442375	8/14 8/25	M is NY	Ask if delivery of Forbes speed indicator has been made - L Fwd S&A. 9-20
444307	9/6	NY	Warning signal howler system - fws prints-L To I.M. Ny- Plans appvd subject to minor modifications. 9-18 copy to Lare Island. NY-fws wiring diagrams-10:3
NY SE 100	1/26	To NY	annunciators for TENN and CALIFORNIA/ L R

CALIFORNIA: INTERIOR COMMUNICATION SYSTEM. 1919

Number.	Date.	From or To.	Subject.
448318	5/29	NY	Call bell system for Tenn and Cal, Tws prints. L.
453821	10-24	CAR	Copy of letter to NY directing install pneumatic voice tubes.
455912	10/22	N 18 CAR	Ask if Forbes speed indicators are to be removed - L and CAR 11/10 cc to MI
457420	11/13	To Ordnance	Trans. 1032 and C.L.R. Genl arrangment plans. For 100 units. 11/13 action. L. to CAR Tws 11/13. to NAVAIR Tws for comments 11/13.
462767	12:15	NY Tws print - L	Contact makers for air leak indicators asks if will retain once approved. L To I.K. M - type of contact maker not desired. copy to CAR 12-23 Method of tagging to air terminals Tws prints for comment. L Inspr MR-1:15
464860	12:15	M 18 To 1-13	Request instructions in connection with what type of turret ammunition indicators should be installed on L
465523	12-13	To M 18-1 12-30	

1917

CALIFORNIA: INT. COM. SYS.

Number.	Date.	From or To--	Subj. ect.
✓ 239977	7/23	To M. Is.	Fwds list of loud speaking telephones prepared by Western Elec Co. L
✓ 245636	9/1	To M. Is.	Lists changes auth in fuel oil burner control system. L M Is - 10/20 L To- NY Yd will prepare necessary plans. 11-8
3234-1/2	3-19	Winkler Reichmann Co.	Fwds prints for loud speaking telephones on CALIFORNIA & TENNESSEE. L. 706.
≥ 335388	8-10	To L Is	Rqst that Wheatstone bridge to be furnished L
36951	10/1	Chicago	Press for telephone for C.L.I.F. R.M.L. - Winkler Reichman Co Rqst higher priority on Scoville Co 629
378767	12-21	NY	Aks name of firm to whom contract covering loud speaking telephone system was awarded W
✓ 379767	12-31	To NY	Fwds. 1 compl. set of vandykes of plans listed approved for CALIFORNIA.

CALIFORNIA: INT. COM. SYSTEM.

Number.	Date.	From or To—	Subject.
383400	1-10	To NY	Author install of torpedo firing contact makers, of TENN and CALIFORNIA
4316	2/24	To NY (T)	Request be advised if claims suitable for installation on CALIFORNIA also quantity of each item on hand undelivered 175-629
4316	3/13 3/14	NAVE Island (T) SEA	Request auth to purchase locally steel required for cable hangers for installation on CALIFORNIA 1 629
410484	4/11	NY	JENNINGS & CALIFORNIA asks if work on firing control system will be held up till bombs are delivered to L.A. Plans for firing control be not developed at this time. 4/13-45-B-4
414519	4/25	NYS	CALIF. & WASH. gun firing and director firing sys wds prts. 45-B-4
416545	5/6	NY	States omission of warning signal system etc will modify land speaking telephone - tests type of intermitter to be used - To L.A. NY - installation of intermitter and post hour going to be installed as originally intended. copy to Compt have is. 5-13
417054	5-7	Winkler-Reichmann Co.	States firing land speaking phones - 10- was added 5-13

1916

CALIFORNIA: INT COM SYS.

Number.	Date.	From or To—	Subject.	
184656	4/12	C&R	Change in. omission of after torpedo room prints	573-4
189093	5-25	To M.Is.	Dept auth omission of engine gong pulls from central station. L	
191709	6/23	Dept	& NEW MEX CLASSES: omission of wire for battle tracer system approved	554-4
198430	9-6	TO Ord-Nav	Rwds-int com type plan	573-4
200762	9/30	To M.Is.	Gun firing. Reqt capacity of gun firing motor generators and transformers be changed. 9/30	
202003	10/11	Navgn	Comments on I-C type plan	573-4
201556	10/12	To M.Is.	Auth install of Smoke tele system on. Reqt est and plans. L	665-19
208769	11-22	NY NEW MEXICO	Soun. proof booth for voice tubes: and telephones: est inc cos: C & A recommends be extended to MISS: ID:HO: TEN: C. L. F.	554-4

CALIFORNIA: INT COM. 592-4

Number.	Date.	From or To—	Subject.
214988 ✓	2-2 2-16	M. Is CAR	Asks if voice tube and call bell station to be installed in bow. L Fwd CAR 2 21
219786	3/28	To M. Is.	Dept has apvd install of Gory type loud speaking telephones on. L
229661	5/23	To M. Is.	Dept has apvd install of shaft revolution indicator system on. IN
230931 ✓	5/31	To M. Is.	Fwds Vandike showing arrest of instruments in comming tower. L
233403 ✓	5/13	To M. Is.	Target bearing, target turret and initial turret indicator system. Fwds Vandikoss. L FO--Fwds Vandikoss. 7/5
236277	7/14	To M. Is.	Request voice tubing be expedited L Fwds Vandike showing arrest of instruments on bridge. 7/14 L

Number.	Date.	From or To—	Subject.
✓ 637825	8/18	To MIJOINT	Change- signalling searchlights substituted for semaphores D apprd
✓ 638253	8/16	Pug Sd T	Request auth to issue two mirrors for 36" search light L To Pug Snd (T) approved 8/19
652115	11/28	Pug Snd	Battery storage for auxiliary steering gear in compartment D-8-15 F ds Prints L To Pug Snd- approve plan 12/8 C&R 12/18 Hosts action of L Fwds C&R 1/3/23 RE 1/11/23 L
653301	11/28 12/6	CO Pac Fleet	Change in location of speed light made L

Number.	Date.	From or To--	Subject.
627523	6/22	To CC	Indicating lights for engine room electrical cables install in the co C-I-C Pacific Fleet- 5 ad 4 fac Fleet- Pug Snd lacr, fleet- was letter from CALIFORNIA with diagram for indicating lights and alarm system. To CC- install disappvd Gives Action 7/29
627524	6/24	To Pug Snd	Connections for power supply to Steering gear Motors to main drive auxiliary buses Fwds prints of C-I-C Pacific Fleet- - CO- C&R L D b To Pug Snd- Cancel: instns 7/12 LDB CC Pac Flt Squad 4, CALIF C&R
627765	7/6	To M.I.	Change in Machinery. LDB M.I. 7/17 Fwds estimate of change in cost L To MI COMINT- estimate approved 8/8
632568	7/14	To West Elec Co	Request estimated cost for delivery 550 of West Coast of condensing - non-condensing rotor air turbine compressor To West Elec Co Request estimated cost for delivery of condensing rotor air turbine compressor, 550. to West Elec Co

Number.	Date.	From or To	Subject
622601	7/11	No further correspondence	F. A. Letourneau and Eric W. O'Connell sets for California from June 1
622771	7/13	Genl L. S. Smith	Withdrew from the service for the purpose of being reassigned to the service on 8/4
622892	7/28	The Bd. (T)	Re most approval of Eng. Sd. plan Gov over haul of motor driven feed pump storage battery. I
636007	B/B	To NY	New Mexico, Tennessee, California Colorado, West Virginia, battery charging manufacture of - Request inform T 660
636009	B/B	To Dept via ORN	Maryland, California, Tennessee, New Mexico, Idaho, Oregon, storage batteries for steering requests such as T 607

CALIFORNIA ELEC LIGHT AND POWER

1922

Number.	Date.	From or To—	Subject.
✓ 622556	5/5	MI	Instln of storage batteries for auxiliary storage batteries for auxiliary steering motors. estimate of increased cost. L To MI JCMT Estimate apvd 5/23
✓ 624954	5/19	M.I.	Installation of combined man overboard break down & peak lights. Estimate of increased cost LD To MI JCMT Estimate apvd 5/9 M.I. 8/10 Submits estimate of decreased cost L To MI Estimate apvd 8/26
✓ 624953	5/19	M.I.	Installation of aux lighting in magazines & shell rooms. Estimates of increased cost LD To MI Estimate approved 5/9
✓ 626893	6/2	MI	Instln of 8 drop annunciators in main control room estimate of increased cost. L

Number.	Date.	From or To-	Subject.
626894	6/2	MI	Addition of electric heater and pump room. Estimate of increased cost 1 to MI estimate of increased cost 1
627209	5/8	Pac Fleet Dept	Report of board covering recent casual- ties to machinery insline on BY 592-6
627766	6/8	M.I.	Insulin of two 12's and signal search light. Estimate of increased cost 1
627770	6/8	M.I.	Mission of power feelers to search light. Estimate of increased cost 1 to MI estimate of increased cost 1
JOINT			

GE INVENTIA

ELEC LIGHT AND COOR

1922

Number.	Date.	From or To—	Subject.
✓ 614756	3/17	MI	Instln of addtl motor generator set for telephone current supply- estimate of increase. cost. L To MI Estimate Approved 3/29
✓ 615550	3/21	PRG 3d	Copy of letter to Insp'r G.E. acknowledging receipt of revised drawings of 300 KW turbo generator sets L (2 letters)
✓ 617243	4/5	Norfolk	Copy of letter to Insp'r G.E. acknowledging receipt of revised drawings of 300 KW turbine generator sets L
✓ 617310	4/11	To MI	GE Co Turbo Generator Sets- Condensing and non-condensing- Finished plans L M.I. 4/6 L Fwds Insp'r let GE cc MI 5/13 RB 5/18 L Fwds MI 5/27 RB 6/14 L Fwds Insp'r mat GE 6/10 RB 6/14 L To MI rel plans cc Insp'r GE 6/21 Fwds MI via CU 6/27 RB 8/22 L To MI 8/10 L To MI- old missing box be located instrns will be given upon notice of same 8/24 M.I. 9/13 L

Number	Date	From or To	Subject
619150	4/21	To CO	General Announcing Telephone System--Two Gives status of shipment CO NY-NI 4/21 L
589792	see card 13		To NY 24-inch signal searchlight report on Service Ability of Arms and General Electric Types 4/26 L to NY-- returns rqn /9

Number.	Date.	From or To -	Subject.
577667	7/30	To Comdt LI	Bu will prepare shipmt order for Signalling lights 7/30 L
578449	8/1	To SAA 8375	Repts shipmt of Sig lights from Phila to LI 8/1 L
585998	9/9	MI	Lubrication of 300 KW generating sets- estimate change in cost L
MI 219	10/5	To MI	Aldis Signaling Equipment- Gives Action L R
589792	10:5	Pac Flt	Reqt issue of two GE 24 inch high power searchlights to vessel for signal purposes. L
	New York 4/20	L	Pac Flt-T information relative to searchlight equipment necessary-10:10-L To C-I-C (T) Gives Inform rel lights- ipatln of 10/12 To C-I-C Pacific Fleet- Gives Instrncc- 10/22 To SAA Request shipmt of lights from Eng Snd to SO Ship 9119 1/4 Pac fleet- Exds reports. ? L Fwd NY 12/24 R 7/27/22. L New York 1/12 L SAA Request action. 1/23 L To SAA Request of action from NY to Fwd 12/25 1/4 Fwd 12/25 1/4

14 Card

592-5: CALIFORNIA: 2130 TITM AND POW/39; 1921

Number.	Date.	From or To—	Subject.
593989	11:2	Cutler Hammer Co	Lubricating oil pump motors for f-wds prints showing design of T
594664	10/31	CO Ract. Fleet	Also sends test of 380 KW generator and report of work done
594183	11:2	NY Rehov	of connecting the cooling oil pump to act directly of pump gives comments cc cc - NY 11/2/9
592080	12/23	MI	Ask when set of spares for generating set will be made. T and NY 12/23/21 to give information re turning parts 3/13
610429	2/17	General Insptr	NY's report of board rel to decreased cost due to omission of water rate test on 4 CO re turbo generator sets. NY to Navy Disb. Officer f-wds report 2:24 Ke to CC Co via Insptr approves 2:25-Du

Number.	Date.	From or To—	Subject.
544969	2/9/21	To MI	Power System; Wiring for Radio Admn authd cc H NY L
551701	3:14	NY	Resubmits prints of 3LL kw non condensing turbo generating sets. L To H NY Ack receipt of print 3/25
502132		SEE CARD 11	Fwd Insp GE re Turbo gen sets cc CO 3/19 L To Png Snd (T) Gives shipping RB-3:22-L Instructions cc CONEW MEXICO IDAHO MISSISSIPPI Commit NY 3/25 To CO Request inform 5/20 CO NEW MEXICO 11/10 L
554869	3:31	M IS T	Request auth to instal indirect lighting fixtures op-similar to those installed on TENNESSEE. L To MI (T) Authy granted install ceiling fixtures 4/3
555417	4/5	To LI	Sends Instr n Data for Operating Kilowatt G E CO Generator Sets cc D. H. Insp GE CO L M IS fwsd prints of Instrn sheets 5:15-L To MI Plan appvd as Insp GE MI NY 4/28
555815	3/13	MI	Ask when shipts of arm'd schlights may be expected. L Fwd NY cc Insp GE from MI 4/13 RB-4:27-L To MI Gives inform 4/30

Number.	Date.	From or To--
55787 Inspr GE 4-27- To Inspr GE 5/3	4:14 NY	Insp 13-Twds prnts at relate drws-B:23-L Subject.
558439 To MI (M) Reply with prints Twded B:16 B/L	4:9 MI IS	Twds sketch showing desired arrangement of signal lights-ask if will approve. L -5/14-(T) Rgt action: L to MI 13th Regt Inspr GE 5-7-1 Request progress report on experiments of front door lenses for 36 inch high intensity searchlights.
559965	4:21 MI IS	Engine room D.C. Switchboards. Desires emission of light in battery cell circuit as reverse current feature of generator - cc NY 10 Hydraulic Steering Gear Safety Device for Plans approve
564653	5/28	To Inspr GE
569151	6/11	To MI JOWIM

Number.	Date.	From or To—	Subject.
509739	8-6	To Operations	Reloc. of gun and schult directors. L Cdr. C.R. Ordinance. Request info rel decis on made. RB-8/12-1 Fwd Ordn via C&R ' 8/13
511720	8/16	Dept	Copy letter to C&R designating CALIFORNIA 647-5 as vessel to carry out tests of stresses in turrets due to gun fire; L
511969	8/24	To NY To R. NY. Plans approved with comments 1/29/21	Auth changes in elec install 2 NY will submit revised plan & est-9;4-1 NY resubmits print-12;10-1
502132		Fwded from card 10 To Insp. NN Request Inform listed cc Insp. Get R NY 11-13 To R. NY Plan. s approved cc Insp. R L 11-23 NY 11-20-11/30 Insp. New. ort News-Fwds prints of To 300 K/ sets. 12/28 1 NY copy of action to Insp. EE-12330 1;cc-1.	Insp. GE will test this week and ship first half of September-9;30-L To Insp. GE. Request shipmt be made at early date C-1 11-9-1 INS-11-10;4-1 Insp. GE-11;3-1 sets. Print of keys for compensating sets. Fwd prints. 11/12 1 To CC Ask to be inform when govern rs i stld and satisfactorily tested cc MISSISSIPPI INAO Fwd Nationalis force-3;8-1 INS-11-13 Generating set tracings-request sample print showing how same are to be numbered.L To Insp. GE. Gives detld inform 9-27
518861	9:22	Insp. GE	
521798	9:27 10:8	Insp. Westinghouse NY	Condensate pump motor bearings-fwds prints.L To L. NY Plan. s approved with com 10-1

Number.	Date.	From or To—	Subject.
524022	10:30	Inspector	Copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.
524018	10:30	CO Collector	Request copy to install portable signaling searchlight to install signaling lights on NY 11-8
524011	10:30	NY	Request copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.
524010	10:30	NY	Request copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.
524007	11/11	NY	Request copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.
524006	11/11	NY	Request copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.
524005	11/11	NY	Request copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.
524004	11/11	NY	Request copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.
524003	11/11	NY	Request copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.
524002	11/11	NY	Request copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.
524001	11/11	NY	Request copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.
524000	11/11	NY	Request copy of letter to counter in connection with new ring type emergency governor for 300 kw turbo generator sets.

910

Number	Date	From or To	Subject
495018	5-24	To Insp GE	Reqst complete list of meters proposed for install and number of each type and location, & Svc. L. GE - 5/27 - L
499556	6:10	M IS To L.I. Advises will take matter of corr switch and wiring to cover feature with NY CC L.I. NY To L.I. NY Reqst corr cc of plan to fur Bu and L.I. CC L.I. NY NY-resubmits prints-7:9-L	Submits recommendations covering changes in fwd distribution switchboard-L&D To L.I. grants authority to provide install-- CC L.I. NY 5-17 NY-fwds prints-6:25-D
500648	?? ~~M IS~~	M IS	Copy of letter to NY requesting progress in shipping panels and boxes for submersible power control system. D.L. NY-5:16 See copy of action to NY-5:16
500825	6:17	M IS	Copy of letter to FSB directing expedite shipment of relays for magazine lighting.L
501180	6:21	NY	Fwds bulkhead stuffing box plans for M IS.D
502132	6:16 6:28	Insp GE NY SEE CARD 11	300 kw condensing and non condensing turbo generating sets-fwds prints.L To L.I. Y Plan apvd CC Insp L.I. GE CO IDAHO MISS-
502357	6:25	M IS adv when shipmt expected 8-25	Copy of letter to NY requesting progress report on shipment of panels for steering gear equipment.L

592-5: CALIFORNIA: ELK LIGHT AND POWER:

Number.	Date.	From or To—	Subject.
✓ 502685	6:21	M IS	Copy of letter to NY asking where ammeters are to be installed.
✓ 502685	6/17 6/15	CO Atlantic Coast	Request two diagrams be installed on navigators table and charts be installed on same.
✓ 506116	7:16	NY	Copy of letter to M IS stating panels for steering gear equipment shipped July 12th.
✓ 50769C	7:24	O&R	Copy of telegram to M IS stating reversed and on steering control gear is to be installed.
508952	7:27	M IS	Copy of letter to Inscr Brooklyn requesting progress on shipment of bracket fixtures and berth lights.
508953	7:28	M IS	Copy of letter to NY requesting expedite shipment of panels and boxes for submersible control system.
509650	8:4	Inscr Brooklyn	Copy of letter to M IS stating lights inspected and shipped on July 10th.
509727	8:4	NY	Meds test records 300 hp turbogenerator sets. L No test results re two cc meter sets. L Two in NY cc meter GE 3/7

CALIFORNIA ELECTRIC LIGHT AND POWER

Number.	Date.	From or To	Subject.
442816	8/30	To Inspr GE (T)	Give twenty four hours notice of test time for Bureau representative to observe test CALIFORNIA turbo generators inspr on 4-fwd test - sent 12-9; 13
454851	10/31	To I.M. NY	TENNESSEE & CALIFORNIA- Electric Heaters in 573-6 tops. Gives instructions for installation. L.
44379	11/12	Mre is.	ask correct serial numbers of 59-111-11 motors assigned for installation 11-17
464073	12/17	New York	Cable joint, cable support, cable stuffing boxes, - fwsd prints. L.
CANCELLED SEE	285568-592-9		To I.M. Ny- GE plans appvd. 12-22 NY-cable joint-fwsd prints-2;12
470786	1-22	To M is	Elec Installation. Weights. fwsd sheets. L
M IS- fwsd prints showing weights of elec plant	2-11	cross t. 2/26	copy to I.M. Ny. L
To MI			M IS-1C-2-L
471737	1:24	M IS	Reqd- MI Reqst plan be submitted 1/31/21
		T	Ask if can use plans on hand for installation of power and light wiring in fwd part of decks 2 and 3-L
			To I.M. Ny- Reqts that the appvd lighting and power plans be fwsd to M is as soon as practicable. copy to M is. 1-25

Number.	Date.	From or To—	Subject.
472001	1/29	NO NY	472001: Current Auxiliary Power 673-5 Panel. Gives modifications for plans. 1
476303	2-12	TO INSUR GE	300 turbo-generator sets. contract 26207. Hedge list of latest drawings with latest attention number. 1 Insur GE-3-5 To Insur GE. Hedge expect reply to Bureau letter of 2-12th. Hedge drawing numbers and prints. 5-7 to Insur GE. Form of register listed will be appvd. copy to Insur GE. 2-27
276866	2-27	SEE CARD 8	
429156	3-12	TO I.E. NY (SEE CARDS)	Give instructions for supplying of condensing and non-condensing rotors. copy to Insur GE and NYS. 1 to I.E. NY. Spare parts list correct with excellent. no pad. copy to Insur GE and Insur GE. 4-21 NY-7, 9-1
462921	3-22	Ports	N IS insists on ceiling fixtures in accordance with drawings which has been declared obsolete request instructions. cross to 689-16 and 675 70117. Ceiling Lare. Give ceiling fixtures plan # etc. 3-23 To Lare Island-Ports with to furnish ceiling fixtures. 3-23

CALIFORNIA ELEC LIGHT & POWER

Number.	Date.	From or To	Subject.
429155		see card 8	To NY Spare blading material Nozzle Gives instrs rel- CC CO- CC MARYLAND Pkg Snd Insp'r H.s- GE Co 7/12 L to CC spare blading mat to be stored until further notice cc Comdt NY Pkg Snd- CC MARYLAND Insp'r H.s- GE 7/12 To NY Gives Action 7/16 IX-3.5-1 To Comdt NY- No further mtl required 8/13 L cc Insp'r Schenectady, West Elec Mny Co

Number.

Date.

From or To

Subject.

[OVER]

4-230

Number.	Date.	From or To--	Subject.	
407791	4/1	Ins. G.I. & JALISCO L.	Letter for governor mechanism will be delivered first of Apr 7 3.	55-9
363990	4-5	To Ind Mgr N Y	Power plans approved subject to modifications - 1	
403717	4-30	To Insp GE	Generator circuit breakers. Repts to be kept informed as to the progress of development. 1	
To I.M. Ny- Auth test of circuit breakers. 5-6	5-6	8:12	GE - 5/2	
Fwd Insp GE - 5-17	5-17	RB 5:27		
GE - 7/11	7/11	To Insp GE. appvd cc in NY 5-1		
415055	4/29	Insp G.E.	300 & 400 KW Turbo gen sets. Copy of letter to G. E. Co. reporting trouble with emergency strip on West Va. Md. and Cal. L.	660
415772	4:26	Made Is.	300 KW turbine fws test data in connection with gate valves in exhaust line (cross to 592 - 20) D&L	
Fwd I.M. Ny. 5-6	5-6	RB 5/14	To Comdt Mare Island- Valve to be accerted without further tests. 5-15 copy to I.M. N Y fws print 5:23	

Number.	Date.	From or To-
27805	1-10	To I.M. NY
		To I.M. NY - Regie that grid sections be retained at yard. copy to Inspr GE-9-9 R 8-10-14
		NY-Twds report of test 556 on grid theo- state furnished by Co Company-2:20 cross to Regie's
		SEE CARD 9)
		To Inspr GE
		To Inspr GE - Specifications will be
		inspr GE-Twds and list of spares
		to 300 KW turbo gen set-11:24
		to Inspr GE-12-6 copy to I.M. NY and
		Inspr NKS.
		To I.M. NY-Twds condensing specifi- cations. copy to Inspr NKS and meeting 8-12-12
		NY-1:12 copy to Inspr NKS and meeting 8-12-12
		To I.M. NY - Regie prepare reg to cover audit and spare parts. 1-19 Inspr
		8-18
		To Inspr GE (OVER)
		Inspr GE-Twds prints on circuit breakers 1-5
		To Inspr GE. plan apnd. 2-12
		NY-Twds lists of spare parts for turbo generating sets - 4/14-17
		NY-Twds spare parts list-6:12-1
		NY-Twds spare parts list is apnd-6:1
Subject		
		Sheet label registers. Control equipment in the room and lines.
		NY recommendations of Co be reg. to make up 2 small sheet steel resistors. 6:30 DLT
		Rwd I.M. NY via Inspr GE. 7-9 - RB-7:21
		N.Y. - (1) - Best approval of drawings cov control for dynamo condenser pump motors. 7/16
		Inspr GE-Twds center currents. 8:27
		300 KW Turbo-Generator sets. Condensing
		to Inspr GE and Regie. VIRGINIA: Regie twd. 1
		to Inspr GE - Twds specifications 300 KW turbo generating sets - 8/2
		to Inspr GE - Regie additional sheets for specifications for turbo-generator sets be twd. 9-9 copy to I.M. NY.
		GE - Regie comment on delay of specifications - 11/1
		GE-recommends auth delay-11:3
		SEE CARD 9
		Circuit breaker. Complete report desired covering both generator breakers and distribution board breakers.
		NY-Twds report of test 556 on single pole circuit breakers wired by GE Co Co.
		Cross to 731-1
		To NY-Twds and copy of action on top of 526 9/4
		To GE Co - Given action on - 8/27 - 1
		GE - 8/26
		Inspr GE-states connectors will furnish 6 sets of 5 units for type A-K circuit breakers. 9:4
		to Inspr GE - Gives dimension and sizes for breakers/ 9-13
		Inspr GE-10-16
		To Inspr GE - Plan disappd. 10-23

Number.	Date.	From or To—	Subject.
351318	1/2	NY	Control room array and cables - To NY, Dwg's listed approved, 10-3
363990 -	see card 8		
370710	11-13	To Insp Gen ElectCC	GE - 3/24 Comments on generator circuit breakers, L
	12-13	Ins. GE	o Insp GE- 12-17
	1-10	Insp. GE	To Insp GE- Inform progress made in developing
over 370710	3-1-19, 3-14	repy to Bu letter of	time limit overload circuit breakers, 3-1
	11-22	To M Is (T)	inform b-rean latest allowable date delivery M Is., generator switchboards California, L
			M Is-delivery of generating switchboard satisfactory - 11/24
375380	12-5	G.E. Co.	Fwdspint of lead and armoured cable in drill room - L
5 376735	12-7	NY	Lub. oil coolers for generating sets
		To Mare Island- Oil coolers to be	fwd's plans L
		furnished in accordance with plans Appvd.	To NY- ap gives plan. GE Co 1/7/19
		Test house 4/1 NY - 4/9	request authority to
		fwd's prints of lubricating oil coolers	furnish additional lubricating oil coolers L
		for generator sets - L	o I.E. NY- Plans Appvd. 1-18 copy to Insp GE
390122	1:21	Ins. GE	Prints showing part and aft. eng. room switch-
	1:29	NY	boards Fwd's. L&D
			To NY- Gives revision of plans listed. 2-14

CALIFORNIA: ELITE LIGHT & POWER PLANT

Number	Date	From or To	Subject
391461	2:1	NY	Prints of population control apparatus To I.M. NY - Plans apvd with comment. 2-24
297952	2:25	NY	Let a field switch twds print 1 Lists prints apvd. 3-4 To I.M. NY - Lists plans apvd. 5-27
398459	2:27	NY	Outline of non condensing set and condensing set. Plans apvd as corrected by Bureau. 1-11 NY 7-14 - Lists prints NY 7-14 - Lists prints showing emergency cancelled See 435512 - b64 - 5.
1401143	3:8	NY	411 printer for 300 KW turbo generating set. Plans apvd. 3-14
370709	3-31	NY	370709 - Inform GE Co that circuit be delivered at an earlier date. 1
370709	3-31	NY	370709 - Inform GE Co that circuit be delivered at an earlier date. 1

Number.	Date.	From or To -	Subject.
306310	5-10	NY	Fwds blue prints showing control room apparatus. L To New York, Re control Room Apparatus. Approves same subject to comments 5-23 To NY, commenting on main field switch 7-11
312629	5-31	Inspr GE	Inspect turbo generators - 300 KW fws. L
313707	5-5	TO INSUR Schenectady,	The circuit breakers for turbo generator sets, and controlling on same, L
313734	6/1	Inspr GE	Turbo generator tests - gives outline of - Fwd NY, 6-21 To - re omission of short circuit test 10-7
313827 NY 8-26	6/21	NY	Re TEST 5884 - signalling search light - that if 2 inch will cause changes in searchlight lamps - L To NY, authorizing installation 6-28 To NY re cables for signal searchlight 7-16

CALIFORNIA: LIGHT & POWER. 592 - 5

Number	Date	From or To	Subject
324598 ✓	7/6	NY	Arrangement of bus work for main generator to NY, dms approved 7-11
32808	7/18	NY	Main generator and motor cable terminals to NY, dms approved, 7-29
329032 ✓	7-20	Insp. M.I.	Controllers to be used for operating machine load motors - I was test record of. I
329420	8/10	NY	Control of main generator to NY, dms approved, 8-31
330187	8-18	NY	Tests running of main motor outline - NY NY - 7-12/31

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CALIFORNIA: LIGHT & POWER.

Number.	Date.	From or To--	Subject.
261808	11/10	GE	300 K W generating set - request change in test, to shorted, etc. - L
	11/17	NY	To NY-11-22
		To-Your stand ap v'd. -14	GE - 11/10 - 11-11/28 - recommends against L
			To- Mare Island- fwsd copy of Bu letter 11/22
			Insp. G. E. - Copy of corres on test of geared turbine outfits. L 3-19
267063	12/12	NY	Control switchboard arrangement - fwsd plans - L
			To- Lists location desired made re interior communication instruments. 12-29
262 078	12-15	To GE	Generator and main drive auxiliary switchboards. fwsd marked copy of prints. Directs fwd corrected plans. 12-15 L D
269717	12-29	To NY	300kw generator set: Generator cables. Gives modifications for plan. L
272909	1/9	NY	Generator sets, 300 K W. - fwsd prints - L
Ins. GE 1:22 NY 28		gives wghts	o- Plans ap v'd with additions. 1-24
generating sets 1			To NY. Best advice re weights of turbo-generator. 6-17
			NY - 12/31
278585	2-1	NY	Cont. handles for motor driven auxiliaries in engine rooms fwsd. prints.
		o- Plan ap v'd. 2-12	To NY- fwsd ample punched steel grid for test.
To I.M. NY- 5-6			NY fwsd on sheet steel resistors for condenser
given thin copper plating/ 5-12			equipment furnished by GE Co 5:2 L
5:31 NY			

Card 8

Number.	Date.	From or To	Subject.
281316	1-31	Insp. GE	NY Yard 2-12 Voltage range for 300 K. W. excite. fws. copy of correspondence and NY- Approves accepting of 300 H.P. Turbo generator exciter sets as they are. 2-19
262925	1-28	GE Co	Request payment covering generator sets.
269278	2-16	Insp. GE	80- Desire another marked print. 3-27 To NY- Approve plans with comment. 4/13 No. 11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-99

CALIFORNIA: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
✓ 207556	12-5	NY	Request drawing numbers for gen set plans.L To--Gives numbers. 12/15
209806	12-27	NY	300 kw gen set; request approval of plans showing gage board.L To--Plan appvd. 1/2
210813	1-5	NY	Gen sets; recommends same scheme in handling drawings be followed as used on NEW SERVICE.L To--Satis. 1/10
210784	1/6	NY	Switchboard panels; copy of letter to Johns-Manville Co directing that connect- ing up of panels be held up pending decision 573-5
212509	1-22	NY	300 kw gen set; fwds outline plans.L To--Plans appvd. 1/31
212554	1/30	To E.Is.	Dept has auth install of storage battery on for supplying power to an auxiliary steering motor. Reqt ests. IN
213905	2/6	GE	Main generators and motors; instruments for; submits estimates inc cost; recommends equip- ment duplicate NEW SERVICE

592-9

CALIFORNIA: LIGHT & POWER. 592-5

Number.	Date.	From or To—	Subject.
213644	3-2 Plans 1/9 Co. L. 4/12 NY 10/8 E NY 10/8 E	NY	300 kw gen set; outline plan: vds. L. NY states modification was made by the NY states modification was made by the and peak it to install. L. by which a complete can overboard and breakdown des has to submit to for all items provided subsequent to Bureau's original approval. NY 10/8 E
214852	2/16	To M. Is.	Encasing elec. equipment in hand room. mine rooms and w. head rooms. Details E. M. Is. CALIF. COLO. WASH. WYOM. charging station; print. 573-5
215641	2-21	CAH.	2. CALIF. type plan lighting in tunnels; regt. 573-5
215912	2-16	NY	Turbo Gen sets; outline plans; request Bureau number for L. To NY—Give numbers. 3/13
219633	2-21 3-5	GE NY	Compensators: 300 kw generators: vds plan. L. To NY—Ten apvd. 4/1
223662	4/9	NY	Contract 3007, new plates for main alter- nators and propelling motors: vds prints. L. To NY—Ten apvd. 4/1

CALIFORNIA: LIGHT AND POWER SYSTEMS.

1916

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Number.	Date.	From or To—	Subject.	
184498	4/11	NY	Main switch and distribution boards; submit estimate for and request yard be given order to manufacture	554-5
185981	4-27	C&R	Elec auxiliaries same as TENNESSEE: L C&R strike out motors for 5" ammunition hoist 1 and 2 5-18	
191884	6-27	To M.Is.	Specfns for electric plant; change 2 volt-meter motor-generating sets, type A, to read 2 direct reading ammeters: L	
192563	7/6	To C&R	Power system; fws plan of power wiring system for comment	573-5
193451	7-18	To M.Is. To M.Is. GE--Will adhere to original plans. 2/5 To GE--Fws plan of. 4/26 To GE--Fws blueprints of. 7/28 M Is - 8/15 L	Generator and main drive auxiliary switchbd and auxiliary panel for motor blowers; fws prints of. L To GE--Ditto. 7/18 To M.Is--Fws add plan. 7/29 To GE--Ditto. 7/31 To GE--Fws triPLICATE blue prints of L/18 To M.Is--Ditto. 1/18	
193526	7-18	To M.Is.	Magazine fixtures: changes type of; submit reqn for new magazine fixtures and globes. L-M	
194740	7/27	C&R	Bacteriological incubators; request provision be made on lighting system for installing required 12 volt	573-5

592 - 5 CALIFORNIA: LIGHT & POWER SYSTEMS:

Number,	Date,	From or To—	Subject,
✓ 194814	7-29	To M. Is.	Fwds print showing type plans for lighting system. L
✓ 194826	7-31	To M. Is.	Type plans for power systems: fws for guide in preparation of plans. L
196103	8-9	To M. Is.	Distribution and switchboard: fws prints covering: L To M. Is. fws 8/ prints 8-21
197943	8-30	To M. Is.	Fwds illuminating set and shore connection leads plans. L
197942	8-3 0	To C&R.	Illuminating set and shore connection leads: fws plans for. L 573-5
201572	10/2	NY	300 kw gen sets, turbo ends: fws 154 prints. L To—contracts plan apvd. 11/15 NY recommendations & approval of certain CE plans 12/6 554-5
202325	10-13	NY	Make change in panel sizes Main switchboard: request authority to
204538	11-3	CE	Asks whether lead covered or rubber covered cables should be used from switchboard to various motors. L To—Desires that lead covered cables be used throughout. 11/15
205487	11-10	NY	300 kw gen set: generator end: detailed plans. L To—Plans apvd with comment. 11/22

CALIFORNIA: LIGHT & POWER.

Number	Date	From or To--	Subject
✓ 235640	6/24 6/25	GE NY	Contract 26205 - request information relative to sizes and number of cables and position of terminals on switchboard panel L To NY--Gives infer. 6/30
✓ 237418	6/26 7/5	INST. C. E. NY	Generator panels - size of cable for L To NY--Infer fwded June 30th. 7/9
✓ 237702	7/5	NY	Two 1200 turbo generator sets - fwd prints Sketch outline L To-- Plans appvd. 7/26 NY--9/19.L
✓ 239584	6/29 7/19	GE NY	Switchboard and switchboard wiring - fwd prints L To NY--Gives action. 8/1
30497	8-2	NY	TELETYPE & CAL said to allow extension of six months for delivery for fixtures for Lovell Co. on 12-27/ unable to submit rec for CAL
✓ 245522	8/25	To M.Ia.	Battery charging panels. Fwds type plans of L

1817

Number.	Date.	From or To.	Subject.
225445	4/26	NY	300 kw non condensent turbo generating sets: Leds plans showing assembly. L. To NY. Lm. 4/26/27
225996	5/1	NY	Cont 26207. assembly of booster sets: Leds plan. L. To NY. Lm. 5/1/27 GE - Leds copy of GE Co's letter relative to booster sets 4/25 D To GE - Changes instrms. 6/1
227543	5/17	To N. B.	300 K.W. Turbo Generating sets. No fitting with automatic pressure trip. L. GE - 5/25 NY 6/2 - request instructions relative to automatic pressure trip L. Auxiliary motor for turret elevating and training gears: Leds print 554-5
229409	?	Ord	Contract 26407 - 300 KW Generator and main drive auxiliary switchboard - Leds prints L. To NY. Lm. 6/11/27 To NY - Gives action on 5/30 To NY - 9/20. L. To - 9-24 26
230371	6/6	GE	Contract 26407 - 300 KW Generator and main drive auxiliary switchboard - Leds prints L. To NY. Lm. 6/11/27 To NY - Gives action on 5/30 To NY - 9/20. L. To - 9-24 26
230973	5/23	GE	Contr 26207 - booster sets - request final approval of plan L. To NY - Gives action. 5/31
233212	6/11	NY	Request size of cable for 300 kw generators. L. To NY - Instrms. 6/15

CALIFORNIA: LIGHT & POWER. 592 - 5

Number.	Date.	From or To—	Subject.
252983	9/29	CE	Throttle valves for 300 K.W. generating sets -
	10/3	NY	request approval of use of steel in manufacture of spindles - L
			Fwd NY--10/9
			NY - fws prints 10/26 L
			To- Plans appvd as modified. 11-8
254101	10/11	To NY	Relief valves for 300 turbo generator sets will be required. L
			NY - request Bureau action on relocation of valve in exhaust connection 11/8 L
			NY - 11/9 L
		& NY	To CE Auth location of above. 11-13
257748	11-1	To NY	Booster Control circuits. Fws prints. L
			NY - modifications to booster control circuits satisfactory - L
257159	11-3	To NY	Shore Connections: Proposed to add small panel on bulkhead adjacent one of the generators after engine room, and mount it on three pole double throw switch. L
			To- 11-7 and CE
			NY - 11/15
257659			
302833	5-3	To M.I	Illum. set - omission of portable part authorized. L

1917

✓ 4

Number.	Date.	From or To—	Subject.
245943	6/17	IS	Electrical detaching device for Franklin life buoys - will submit estimate later
245943	6/16	NY	Throttle valves for 600 H.P. generating sets - See - corrected copy of app'd plan be fwd'd to Bureau
246631	9/11	NY	800 H.P. generators - location of terminals - See plans app'd. 9-18 NY - sufficient clearance for leads, etc 10/41
250145	9/19	New York	Type of insulator for main generator To - plan app'd. 9/24 NY - supports for generator and motor leads See prints - L
252012	9/20	SE	Circuit breakers in equalizer connections - To - notes reasons why decision is valid stand 10-4 Relative to time limit L

CALIFORNIA RADIO 1922

Number.	Date.	From or To—	Subject.	
633754	7/12	Pac Fleet	Last in of aluminum spreader tanks on and as only instructions to CO rel to to C-1-C Pac Fleet- Request report of test 8/10 Pac Fleet- Feds cast aluminum spreader. 8/24 W	W
635376	7/21 7/24	CO Battleship Sqd. 4	Request vacuum tubes listed be replaced. To CO via Squad 4 Pac Fleet- rel shipping instrns 8/5	W
635686	8/8	To S&A 835	Request shipment of tubes from Washn to CO W	
638904	8/17	CO	Submits list of Winkler Reichmann loud speaking telephone equipment turned in to store W	
622131	8/28	CO CALIFORNIA	Request shipment be expedited of jack plugs for head phones W	130-5

CALIFORNIA RADIO

1922

Number.	Date.	From or To—	Subject.
641967	9/13	Radio Fleet	Report on inspection of radio instn on board W to C-1-c and Fleet- gives suggestion co - pug and 9/22
Pug. and Request 6-90-23 W H To S&A			Shipment of items gives action co 00- pug and
652035	11/28 12/4	CO Rag Fleet	Boats appear listed for auxiliary spark transmitter on land W
654928	12/28	To S&A	Request shipment of voltmeters from Brock to CO W RB 1/15/23.
1802			

[over]

4-3881

CALIFORNIA; RADIO:

Number.	Date.	From or To—	Subject.	
588450	9:29	M IS	Fwds description of radio instaln.W	
589927	8:30 9:29	Radio Corpn of America Washn	Submits quotation covering vacuum tubes for.W	
593900	11/5	To MI	Manufactured parts for antennas ;Reqst inform W MI 11/23 W	
		1922		
605857	1/16	MI	Request drawings of parts for 20 KW arc set spares be furn. W. TO MI- 2005 1/16	
622524	4/27 5/9	Pacif. Fleet Communications	Report o bearings recd by vessel.W. To MI- Fwds copy of report cc Dir Comms 5/25 M.I. 7/12 Submits report on bearings W Fwds Dir Comms 9/7 RB 8/15 W	

Number.	Date.	From or To--	Subject.
622951	5/10	Prof. Fleet (T)	Radio ins'tn incomplete--not storage batteries for plane circuits and receivers. to C-I-C Fleet (T) transfer during 5/12
622658	5/12	To KI (T)	Airhs turn over CALIFORNIA batteries shipped blanding via PRN from Washn W
625272	5/9	CO Fleet	Vacuum tubes X
627513	6/2	CO	Basia sudden frequency transformer of turn. W Wash DC. 6/15 BB 6/28 W to 303 H. 6/15 from Washn to CALIFORNIA 7/1 W storems
632652	7/12	Prof. Fleet (T)	Request auth to issue porcelain insulators to replace electronic insulators. W to Pacific Fleet--Prof and (T) Disapproved 8/14
			592-27

Number.	Date.	From or To—	Subject.
568626	6/10	To G ₆ (CALIFORNIA)	Fwds copies of instruction booklet on 898 model TC battleship radio telephone equipment as mfgd by GE under Contract 49333 W
569184	6/14	To S&A	Regst shipment of porcelain sea deck entering insulators from Washn to SC RI 7803 W RS-916-W
570187	6/20	MI IS	Reclt instaln of 2nd set of 2nd r. for 1st instaln still in completed st.
570187	6/20	MI IS	To MI (T) Status of sh pmt 6/21 To Navy Yd MI- Tubes available because or rejec. Antenna sltpt 8/2 8/4 W
570187	6/20	MI IS	To MI (T) Instl volt batteries in series 7/1
570187	7/11	CO	To CO -Fwds drawings 8/11 W
570187	7/21	MI IS	Drawngs of 1st instaln of 2nd set of 2nd r. for 1st instaln still in completed st.
570187	7/21	MI IS	To MI T. Draw from store 25 kilowatt flat spiral loading coil for 2ndtn inductance 7/25 W

[illegible]

Number.	Date.	From or To—	Subject.
563268	5/12	To S&A	✓ Request shipment of telephone from Washn to SO MI 7400 W RB-0:30-W Listed be fwded-5:20-W
563937	5/2 5/7	CO MI	Rqs: radio extension lines from main and auxiliary radio room of bridge radio room be installed.
	Ship 6/4	To MI Appvd cc IM NY-San officer	To MI Instln of circuits disappvd cc Senior officer MI 5/20
	6/4	To MI (T) Gives instrns 6/21	MI 5/20
563281	5/13	To MI	Installation of remote control circuits Fwds Vandyses cc Pres CO W MI 5:30-W
566704	5:20	M IS	Request definite date of shipment of motor buzzer set for "
566711	5:25	M IS	To MI Gives action taken re shipment of buzzer set 6/4 To MI Gives action cc Sen officer Ship 6/10 MI 5:25-W
566743	5:25	M IS	MI 5:25-W
		To MI Fwdspint 7/7	Request definite action to be taken relative to arc wave charger antenna induction and signalling system for "
567910	6:1	M IS	MI 6:1-W
568172	6:7	M IS	MI 6:7-W
567320	6/7	To S&A	Request definite action to be taken relative to arc wave charger antenna induction and signalling system for "

CALIFORNIA RADIO

1921

Number.	Date.	From or To--	Subject
568017	6/9	To SEA	Regst shipt of material from Washn to MI
523752		SEE CARD 3	Two CAB-8/10 and 11 lines-Support for main
568671	6/11	To SEA	Regst shipt of receiver from Washn to MI 7-67 W
568672	6/11	To SEA	Regst shipt of receiver from MI to Washn (ton
568629	6/13	To SEA	Regst shipt of batteries from Itlia to SO MI

CALIFORNIA: RADIO

Number.	Date.	From or To—	Subject.
490865	(from card 2)		Mare Is; request action; 8-10; W To H.I.— action taken- 8/19 M IS-10;30-W M IS-ask approximate location of radio compass voice tubes-11;22-W M IS-request action-11;20-W
512417	8/14	Mare Island	Rearrangement of oscillator panel and telephone dynamotor- feds print W. To H.I. Rearrangement of oscillator panel and tel dyn appd 8-25
515435	9:10	C&R	CALIFORNIA MARYLAND EX WEST VA COLO & WASHN copy of instructions for installing storage batteries for radio.W
522752	10:19	C&R	arrangement and details of top mast and yards. feds to insts.W C&R-reqt action-3;11-W C&R-reqt action-4;8-W C&R-reqt action-8;11)W 4
524233	10:14	M IS	calls attention to various details covering plans of radio inst 11;11 n Q&W M IS-reqt action-1;19-W
524193	10:13	M IS	Shull Div authorized to use expanded metal for bulkheads and doors in all radio rooms. To H.I. use of metal satisfy cc C&R 10-30

592-6: CALIFORNIA: RADIO:

Number.	Date.	From or To—	Subject.
530436	11:13	M IS	Wds prints showing location of outlets for radio telephone extensions communication buzzers and time signal system.
530437	1:01	M IS	Wds prints showing location of outlets
545705	2/11/21	To LI	Radio app on hand for instn; Regat detid list of M IS-2 wds list of apparatus on hand for instn
550134	3:3	M IS	Request radio prints listed be furnished. W To MI Fwds Plans 3/11
555237	3:11	NY	Fwds prints showing proposed location of radio telephone motor Gen set in center motor room. W To MI NY gives inform cc MI 4/11
555693	3:22	M IS	Location of aux antenna lead trunk-Lwds for instn. W
556749	4:11	To ELL	Wds C&B cc MI 4/11 of aux antenna lead trunk-Lwds for instn. W Regat sh limit of equipment from Washn to MI 6937 W

CALIFORNIA: RADIO:

1919

Number.	Date.	From or To	Subject
451898	10-18	To S&A	Reqt shipment receiving sound proof booths from So. Brook to Lare Island. W R B 6/9 - W
462020	11/25 12/8	M Is C&R	In connection with arrangements of apparatus in auxiliary radio room - W Fwd C&R 1-5
463477	12:8	M IS	Arrangement of apparatus in auxiliary radio room-reqt instrns covering.W M IS-reqt expedite action-1:30
473509	2-9	To M Is	Radio Officer on. Advise when work of installation of radio apparatus is in such shape that the presence of the future radio officer would be deemed advisable. W M IS - 4/12 - W Fwd Naven via Communications. 4-30
477286	2:12	M IS	Request information re radio apparatus for.W
480713	3:8	M IS	Request plan of main radio room showing arrange- ment of radio apparatus he furnished.W
482499	3:5	M IS	Copy of letter to NY requesting VanDykes of rigging insulators.W

592 - 6 CALIFORNIA: RADIO

-1920-

Number.	Date.	From or To-	Subject.
482938	3/5	NY M IS	Regst prints showing rising insulators - W Fwd O&R. copy to L 18-3-24
489735	4/12	OKR M IS	Proposed relocation of auxiliary antenna lead trunks - Fwd print - W Fwd O&R. 4-29 HB-5-5-W OKR-copy of action to M IS-6-5-W
490865	4:24	M IS	Ask if Bureau will issue book of plans similar to those supplied vessel by Ward-W Main Isl. (I) - Request action. 5/29 W To W.I. Plans le Fwd W in week 6-23 (I) To I.I. Request action of L.I. Request action of L.I. Request action of L.I. Request of telegraph system as installed on board NEW MEXICO. W To I.I. Advise does not contain info. Instn of system until after report is obtained 6-14.
499390	6:8	M IS	Copy of letter to NY asking when shipment of target angle transmitter and receivers will be made. W
501142	6:23	M IS T	Suggests move insulator entering main radio room - Fwd to clear tank. W To W.I. M.I. 11-6-24.

[OVER]

1917

CALIFORNIA; RADIO.

Number.	Date.	From or To—	Subject.
✓ 232712	6/9	To S&A	Reqt shipt of radio apparatus from Wash to M. Is. for. W To- Reqt's above order be cancelled. 5-17
✓ 232713	6/9	To S&A	Reqt shipt of trans set from NY to M. Is. for. W
251511	9/26 4:8	NY Mare Is.	Asks if radio installation plans are to be drawn at NY Yd - W To- Directs prepare plans for installation of radio apparatus bn. 9-29 Mare Isl 10-17 Reqt vandykes listed be furn.
✓ 346492	8/23 9/6	M Is NY	Radio plans - request - W
351500	8-16	M Is	Request copies of battle radio specifications
✓ 404450	3-22	To <u>Newport News</u> Co	Fwds prints showing location of ~~anta~~ trunks for antenna leads. W
✓ 415911	5/3	M Is	Ask progress of radio plant being developed at NY - W

Number.	Date.	From or To--	Subject.
451142	6-28	Mary Island	Request with to want 1 complete set radio app recently adapted from the British for installation on.
444750	9/4	M IS	Assignment of radio apparatus - W
432142	777	NY	Height nomenclature of radio stations on vessels.
446742	9:12	M IS	Request plans be mailed.
448030	9-30	To SNA	Request shipment are radio sets from Mary Island. W Have 10-14 Hget plans listed be and 11/3 Request shipment transmitting sets from Mary Island - Notices of shipment regt. 9-30 HB-12:10
448031	9-30	To SNA	Request sets shipped to M IS 11/3 Request shipment transmitting sets from Mary Island - Notices of shipment regt. 9-30 HB-12:10
450996	10-16	To SNA	Request shipment sound proof radio booths from Chusan to Mary Island. W M IS-ask when shipment may be expected-12:19 To K IS (L)-Booth. For will be loaded at Hampton Has on ORION. Sails 12-26th. 12-22
			From Chusan 11-3rd. phrase about HOUSTON To K IS (L)-California booth shipped can first not understood. 12-20

CALIFORNIA; SUB SIG APP.

Number.	Date.	From or To--	Subject.
Bu 491	5/22	To M. Is.	Sub Sig oscillator on. Fwds copy of specs covering. LR
465895	12/6	Sub signal Co	Reports shipment of oscillator apparatus - L
		1919	
456775	11/8	To Mare Isami	Asks status of installna and delivery of Kcal type oscillator for CALIFORNIA contract 30027 1918 series W M Is - 11/28 M IS-12:4
458187	11/10	M Is	Request duplicate prints of submarine signalling oscillators be fwd - W Mare Is: ask when plans will be furnished: 12-12: W To M Is- Fwds prints: 1-13 M Is - ask when plans will be furnished-1/21
478685	3-3	To Sub Sig Co	Fwds appvd tracings for spare parts. W

From the

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Number.	Date.	From or To--	Subject.	
628507	6/2	Pac Fleet	Rel to Military inspection. Fwds report. Fwds Opers via Ordn-Mavign-S. 1- Led A Curry 6/21	Y
629246	6/20	C&R	Cory endorsement to Dept recomd auth install of system of hydraulic gasoline storage	D
632799	7/7	CO	Submits list of work to be done by ships force while at yard Y	
639978	5/30 8/31	CO C&R	Submits report on material readiness Fwds Opers via run 1/6	Y

Number.	Date.	From or To.	Subject.
643621	9/13/28	CO Dept	Specification report on material readiness Y Fwds Operns via C&R Ord 10/14 1A
644888	10/12	To M.I.	Water logging system changed to air testing. D
646598	10/23	C&R	Booklets plans. Fwds D
649249	10/17 11/10	CO Department	Repts re out on material readiness Y Fwds Operns via C&R Ord 11/23

1922

Number.	Date.	From or To—	Subject.
✓ 609508	1/23 2/13	DO C&R	Subm report on material readiness. Y and terms 3/7
✓ 612863	3/8	MI Copy	Estimates cov cost of changing vessel from non flag ship to fleet flag ship.
✓ 613107	3/10	Dept	Pug. Sd. in home yard of vessel. Y
✓ 616445	3/24	Pug. Sd.	Request all outstanding work be transferred to Pug. Sd. Yard Y To MI- Gives instrns cc Pug Snd- CO- C-I-C Pacific 4/5
✓ 617191	4/5	C&R	Copy of letter to M.I. directing trans fer orders to Pug Sd Y

Number.	Date.	From or To	Subject.
616202	4/6	TO	Sub. report on deficiencies in engineering personnel of.
616717	4/15	TO KI JOINT	Change drawing for sprinkling the powder lower handling rooms throughout their entire length approved D
624206	5/18	CRM	Reds booklet of Gen plans D
627209	8/8	Reg Fleet	Report of board covering recent casualties to machinery installed on. B. X-5 Dept. request action. 8/8 Fuels Orleans co C-1-D 180. NEW MEXICO CALIFORNIA IDAHO MISSISSIPPI 8/18

COMMUNICATIONS PRINT FORM

100

Number.	Date.	From or To—	Subject.
✓ 51948	10-	To MI NY	Arrangement and details of lifting gear for aux below deck. Plan and
527306	11:3	MI IS copy	Request authority to dock vessel for work.
531952	11:30	MI IS T	Vessel docked.D
535782	12:14	CO. RIEHLE	Request book or pamphlet containing full data of engineering Dept of.D
535744	12:13	Insp. Union	To LI (2) Request pub cont data of eng dept 1/7/21 Submits list of work performed on vessel while docked.D
549386	3:2	C&R	Battle dressing station for engineer's force fwd. print.D To C&R. Request inform as to voltage and rated amperes of elec auxiliaries 5/19 C&R-3;28-1 To MI Wiring for auxiliaries authd 4/13 To MI NY Installation authorized 5/20 cc MI
568913	6/10	To MI JOINT	Powder passing scuttles; Change
579609	8:3	C&R	Copy of letter to MI IS disallowing addtl quarters for Asst Chief of Staff.Y

92-8-3.1. FORM 13. N.S.E. FORM 13.

Number	Date	From or To	Subject
579862	8:0	CR	Copy of telegram to Y IS authorizing docking. Y
584283	9:6	Supt Const Union. P	Vessel undocked at Hunters Point. D
585207	9:1	Tiegan & Lang DP Co VOID	Regt 10th payment. K
585214	9:12	Operns	Assigns Pac fit as flagship. Y
590453	10:17	M IS	Copy of letter to C&R stating preliminary acceptance trials will be held early in November—recommends be docked prior to. Y
597886	11/29	Const. Union. Copy	Vessel docked at Hunter's Point. Y
598148	11/30	Const. Union. Copy	CALIFORNIA undocked ARIZONA will be docked. Y

1921

CALIFORNIA: MACHY PLANS

1919

Number.	Date.	From or To—	Subject.	
411506	4:17	C&R	Winding tubes and air pipes in machinery space fws prts. D	
429648	6-30	C&R	Best plans of vessel be changed so as to fit out ship for duty as Fleet Flagship.	D - I
467708	1/7	C&R	Copy of letter to Navy in connection with fitting ~~San Diego~~ & California as flag ships. A.	573-4
470332	1:19	C&R	General arrangement plans-fws-D	
519428	9:24	NY	Arrangement of details of lifting gear for auxiliary machy-fws prints.D	
557425	4:13	C&R	Copy of letter to M IS approving prints showing relocation of certain spaces.Y	
579738	8:9	M IS	Recd Auth to disc vessel for various work.Y	

CALIFORNIA: MACHY PLANS.

Number.	Date.	From or To—	Subject.	
189128	5-27	TO C&R	Machy plans; fwds vandykes	573-8
189870	6-3	NY	Propelling machinery radically different from 21-11-35; both vessels different from M.I. plans; will require separate plans each vessel; recommends M.I. handle CALIF plans at least engine room plans. C To—Comments on; directs NY handle drawings and orders for material for. 6/6	
195183	7/25	M Is	No plans received NY; no data on thrust bearing; impossible to submit estimates change of cost .DR To—Estimates will be delayed until plans and data is available. 8/3 M Is 8/9	
197561	8-24	TO M.I.s	Propelling machy; castings and patterns; directs manufacture: Corss to 14.	
206023	11-17	NY	Proposed arrgt of machy; particular reference to Centre line, main condensers, location of injection, outboard discharge, etc. D To—Plan appvd with comment. 11/28	
207292	12-5	NY T	Schedules 251, 250 and 325; refrig machy, pumps, turning motors, etc. M.I.s request information re price of material. D To M.I.d. -- (T) Gives prices. 12/5	

CALIFORNIA: MACGY PLANTS. 592-8

Number.	Date.	From or To—	Subject.
208948	12-15	NY	Proposed, arrest machy: twds plan proposed changes in D. to allow plan. 12/27 No—locking device for main injection and bllgs suction valves will be omitted. 1/5
212454	1-24	NY	Asks if yard is to purchase bolts and nuts for installation purposes. D. M is (H) recommends NY order 1/31 to L.R.s.—(L)ask if NY shall order. 1/30
250702	5/18	M is	Copy of letter to NY relative to plans and material to be supplied - recommends NY prepare all plans, schedules, lists and initiate all requisitions for material D
246877	8/31	GFB	Compartment and access plans - hold and double bottom plan is #418. 9-28
30487	12/23	to Mare Island	Int. xm by wire if extension in delivery will cause any delay in the completion of the CALIFORNIA is - IS

Number.	Date.	From or To	Subject.	
644628	9/29	To CO	Main motor Fresh water fire extinguishing connection for Fwds print cc Pac Fleet-Squad 4-ug Snd Db To CO- Fwds print cc C-I-C rad. Squad 4-ug Snd 11/7	
643538	9/16 9/25	CO Pacific Fleet	Gives reasons why stop valves were substituted for unloading valve main turbine and 300 KW packings. D to nspr machy GE- comments 1/5	
646795	10/28	To U.S. CALIFORNIA	Fwds instructions on turbines for main propelling machy M	600-2
650829	11/24	CO T	Internal cooler removed & shipped to GE L11/24 To CO (T) Request inform re: coolers	

CALIFORNIA

MAIN ENGINES

1922

Number.	Date.	From or To—	Subject.
595059	FROM CARD 23		AA- Pads contractors letter giving interpretation of cost. 1/28 K aa 522 1/30
✓ 60617	1/25	To Gen. In. Machy 11a	Rel cost of changes in machinery co. In. Machy 11a 1/30
6A 625649	6/3	Facr Fleet Copy	Request availability of vessel be extended to cover repairs to auxiliary machry.

Number.	Date.	From or To	Subject.
579458	FROM CARD 22		N.Y. 3/21 D To NY-18 Final Payment-2:28-Db New York 2/4 D
622326	5/24	To C.R.	Report of Trial Logra-Alteration to air supply to auxiliary steering gear in satisfaction of Dr 592-2
626850	5/31	Red Fleet	Copy Indorsement to Dept finding report of board covering casualties to machinery installed on. H D T

CALIFORNIA MAIN ENGINES

Number.	Date.	From or To-	Subject.
579205		SEE CARD 22	To Inspr NME instrn book cancelled 10/19 Db Inspr GE instrn book shipt to Bur by express 10/26 K&D. Inspr 12- Copy action to 30 10/26 D To CC Fwd instrn book cc CO's 11/5 To Annapolis Fwds instrn book 11/5 CE FLORIDA 11/10- Books recd. D.
592236	10/21	N.Y.	Drain pipe- fws print rel to packing of. D. To NY Plan approved 11/9
593059 CARD 24	10:8 10:28	GE Co S&A	Fwds copies covering cost of changes in propelling mech. D Fwd S&A 11/5 To S&A cc instrn book 11/5
594083	11:2	NY	Method of connecting lubricating oil pump equipment-fwds prints. D To NY 12/28 KD.
594172	10:24 11:2	Inspr GE NY	DC engine room switchboards-fwds prints. D&L To NY Regal inform rel alterations 11/10 To NY alterations shipt 12/13

Number.	Date.	From or To-	Subject.
09568	11/4	MI	"When system set to method used on in-a potential test of main propelling motor-D To Mi-Reimbursement of GE Co--necy order shld be issued by the Yard 11/19"
596813	11/23	To CO	Main drive Electrical auxiliaries: Give insm D
671231	1/11	Inspcr GE	Inspected heavy lifting crane have not been examined - no action as yet. 8-29-32 to 8-29-32 have been read and accepted. Inspirer 1/12 D Plans for Mexico 8/8 finished weekly to 1-1-32. Plans ship 2/19 Inspcr GE 5/10 D
604903	1/17	To CC via Dutton	Inspected throttle trip valves CO - Ask when delivery of model metal structures will be effected. 3/17 D \$500 - Structures shld have been delivered on 3/20/32 Ask shipping date D CO 12-1-32 "I am sorry I can't do more for you 12/1/32 D To CC strainers shipped on 12/18/32 CO 6/8 Ask shipping date of strainers Y

1921

Number.	Date.	From or To—	Subject.
540839	1/14	Bd on Changes, GE	Commission of meters from main generator leads and instn of 2 meters in leads to 4 in motors— estimate of increased cost. D. To GE Co via Inspr Fwds report appvd 1/24
540839	1/14	Board on Changes GE	Furnishing of instruments for recording tempatures in generators and motors— estimate of increased cost. D. To GE Co via Inspr Fwds report appvd 1/24
540837	1/14	Bd on changes, GE	Furnishing 4 addtl spare parts - estimate of increased cost. D. Fwd Solicitor 1/19/21 RB 1/22/21 To GE Co via Inspr Fwds report appvd 1/24
540836	1/14	Bd on Changes, GE	Addition of lubricating oil pumps to main turbine lifts— estimate of increased cost. D. Fwd Solicitor 1/19 RB 1/22/21 To GE Co via Inspr Report appvd fws 1/24
541742	1:20	3	Estimate for lubricating oil pumps and for fws.
541742	1:21	1	Plan drawings fws for 1:21 To Inspr GE. Request inform 2/18 Inspr GE-2;24-D
561561	4:26	M IS	Request auth to change location and type of lubricating oil strainer on relay tank-fws prints. D To II Plan appvd 5/11
562737	5:6	NY	Main motor nameplates-fws GE Co prints. D To II NY Gives Inform 5/24
562736	5:6	NY	Fws GE Co prints showing gauges for main turbines and generator bearings. D To IM NY Plan appvd with comment 5/23

[illegible]

CALIFORNIA: MAIN MACHINES:

Number.	Date.	From or To—	Subject.
507732	7:19	Insp r GE	Reactor wiring and control wiring for transmission power bus f-wds prints D To H NY Plans appvd 7-28
509951	8:5	NY	Main propulsion speed and steam limit control mechanical f-wds prints D To NY appvd. 8/19
510407	8-9	To N.Y.	Rel install of lubricating oil system on, change in machinery specs. D L NY-arrangement of addtl lubricating oil relay pumps tanks etc-fwds prints 12:10-DAL To H NY Plan appvd 1-24
511075	7:28	Insp r GE	Emergency valve connections from non-con- densing turbo generators and aux exhaust to main turbines f-wds cost sheet D NY-11:13-D 8/20
515187	9:2	Beth SE Corp VOID	Solicitor 11-23 RB-12:2-D Fwds copy proposed contract with GE Co for elec propelling machy for comment D
515186	8:25	Insp r GE	Main generators and nameplate-fwds prints D To H NY Plan appvd 9-4
516272	9:8	NY	Propulsion control apparatus-resubmits plans D To H NY Appvd 9-11
515538	9:9	NY	Lifting gears for main generators-fwds prints-D To H NY Plans appvd with mod and com 9-22 NY-shim-fwds prints-10:28-D To H NY Plan appvd and assgd file No 11-6 To H NY Gives instrns 12-21

Number	Date	From or To	Subject
531184	11:13	Inspector	Resubmits plans of cable joint. DEL
532550	12:2	NY	In provision turbines-resubmits print. DEL
533976	12:9	Gen Insp	Submits list of estimates to be made by on changes which have not yet been reported upon. DEL
536599	12:22	NY	Method of lubricating jaw coupling of main turbines-turbo print. DEL
511076			NY-revised print showing flexible jaw coupling for main turbine-turbo print. DEL
			To L. A. Plans 2-14-14
			To Collector 1/19/14 RB 1/22/21
			To G. E. Co via letter 1/24
			NY-1944 copies of decision-9-8-44
			To NY LWS Correspondence 9/14

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CALIFORNIA: MAIN ENGINES.

Number.	Date.	From or To--	Subject.
488513	4/20	GE T	Monel metal spools of main turbine found porous - reqst substitution of nickle bronze - D
Inspr Phila gives physical & chemical characteristics of angle bronze composition used in mfg of replacements for turbines. - 5:8-D			To Inspr Phila. Substitution of nickel bronze for monel metal appvd. copy to Inspr GE.
488686	4:20	Fwd Supt Nav Academy 7-6. RB-7:13-D NY	Inspr GE report on porous valve spool-4:20-D Arrangement and details of ladders, cast gratings and floor gratings in fire, engine and motor rooms-fwds prints.D To I.L. NY-Prints listed assigned file numbers. 4-25
489221	4:21	Inspr GE	IS requests immediate shipment of DC switch-boards and circuit breakers- ~~for~~ for-are endeavoring to expedite.D&L
491894	5:5	NY	Arrangements and details of throttle valve trip gear-fwds prints.D To I.L. NY-Plans listed appvd with modifications. 5-8.
492150	5:5	NY	Lagging for turbine head-fwds prints.D
To I.L. NY Plan appvd. 5-10.			
493732	5/14	NY	Cable supports and arrangement of leads to propelling motor terminals - resubmits prints - D
NY-resubmits prints showing arrangement of leads to propelling motor terminals-5:19-D To I.L. NY Plans appvd 6-23.			To I.L. NY Plan appvd CC E.I. 6-2.
494202	5/17	NY	Booster wiring and control wiring - fwds prints - D To I.L. NY draws listed appvd 5-26.

692 - 9

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Number.	Date.	From or To—	Subject.
496490	5/13	NY GE	Propulsion Grounding of A. C. motor and Generator cables - Two's print - D To I.L. NY drawings filed and assigned file number 5-56.
473995	6-4	SEE CARD 19	To I.L. NY Plan app'd 6-4. D. To I.L. NY Plans assigned file no and gives delta comment to-38. NY-Interlock resubmits plans-9:20/D To I.L. NY Plans app'd 5-23
498220	5:27 6:17	Inspr GE NY	Resubmits prints of engine room switchboards. Det. To I.L. NY Plan app'd 6-14.
500144	6:16	Inspr E	Copy of letter to NY reading GE Co wants supplying 300 kw condensers and non-condensers turbo generating sets-D
501261	5:27 6:18 6:19	Inspr GE NY M 18	Addition of heat oil pump to main turbine shaft-submits estimates. D cross in L To I.L. NY Plans Reg'd dup cc of report GE Inspr GE. 6-25.
505165	7:10	NY	Main turbines-resubmits prints. D To I.L. NY Plans app'd 7-30.

(Lower)

CALIFORNIA: MAIN ENGINES.

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Number.	Date.	From or To	Subject.
476203	2/14	NY	Main turbo generators - fws prints - D To IM NY 2/25 appvd with comments NY - fws various prints of main turbines-6/2- To I.M. NY Plans appvd 6-10. D
480390	2:28	M IS	Assembly of main portable units-rect action in connection with D Fwd I.M. NY. 3-11-RB-3:14 To (T) - Re letter of 28th to telegram not received. 3-16
481014	3:9	NY	Arrangement of cables at fwd and aft engine and distribution room switchboards- fws prints D To I.M. NY - Assigns file numbers to plans appvd. 3-19
481729	3:13	NY	Lifting device for removal of main turbine bearings-fws prints D Plan appvd. 3-18 NY-lifting device for main turbine shaft- fws prints 3:12-D To IM. revised print appvd 3/17
483106	3:22	NY <u>CANCELLED</u>	Elec instruments on main board testing and terminal board propulsion control apparatus- fws prints D <u>cross to 24</u>
483848	3:24	NY	Resubmits prints of control room controlling plans D I.M. NY - Plan appvd. copy to M Is. 3-27
473995	3-25	SEE CARD 18	To Inspr GE-Rects G ₂ plan showing schematic diagram of relay: L To Inspr GE-Rects furnish plans listed at an early date. 4-19 GE - circuit breakers and reverse current relays - fws print - 4/23 - D To Inspr GE - Lists plans appvd. 5-5 To Inspr GE - fws prints of interlocks. 8/20 D
To Inspr GE Co-Plan listed appvd. Action on plans listed withheld. 4-29 Insp GE-fws prints showing diagram of reverse current relay of circuit breakers-5:1-L NY-engine room switchboards-fws prints-5:17-D NY-Resubm prints of GE engine room switch bds			5/29 DL

592-9-CALIFORNIA, WA IN ENGINES.

1022

Number.	Date.	From or To.	Subject.
4365770	12:12	M IS	Recommends also propulsion units for be assembled at M IS. D To - propel units to be shipped in a completed state-1-3 M IS-3:19
495331	3:31	Insptr 35	Reds contractors letter requesting extension of time on contract 26207 covering delivery of propulsion equipment. D Rwd Solicitor. copy to Insptr GE. 4-5 RB-4:10 To Insptr 35- was com. I Da 1:3 act. m. for information of controllers. 4-12 Blades and lifting eyes for exhaust ~~hoses~~ hoods of main turbines- twds w. mts. D To I.M. NY- Plans appvd. 4-8
485561	4:3	NY	Assembly of gear oil pump and shock absorber for main turbines- twds w. mts. D To I.M. NY- Plan appvd. 4-8
436659	4:2	Insptr 35	Locks and interlocks - resubmits prints. DEL To I.M. NY- Plans appvd. 4-13
436677	4:2	Insptr 35	Main generator circuit breakers- resubmits company prints. D To I.M. NY- Lists plans appvd. 4-14

4-3482

Number	Date	From or To	Subject
472433	1/21	M Is	Copy of letter to GE Co requesting Rep. report to Id 2/14 in connection with installation of propeller units and auxiliaries - D
473892	1:31	Insp 32	Copy of letter to M IS submitting information re material to be shipped for turbo unit No. I.D.
473995	2:2	Insp 33 <i>Cash 17</i>	Reverse crank and coil for 4 pole circuit with installed components on MX-1. To Insp GE - held further information as listed. 2-15 Inspir GE - will find plans when read from contract 2-17 Request decision regarding approval of 4 pole circuit breaker and reverse current relay.
474486	2:6	Insp 35	To Insp GE - photos 2:20 Insp GE - characteristics of relay as outlined serials. 2-21 MX-type switchboard prints-3:13 Insp GE - I.W. Plans signed with 3-18 Insp 35
474848	2-13	SEE CARD 15	To Insp GE - concern in recommendation that breaker be not applied as a type. D To I.W. - use of relays with circuit breakers not good policy; 2-16 To Insp GE - gives detail action on plan. 2-21 Insp GE - 2:26 References quoted in letter of 2-21. 3-1

N.S.E. Form 134.

CALIFORNIA: MAIN ENGINES.

Number.	Date.	From or To—	Subject.	
+ 453345	10-13 10-21	Insp GE N Y	Piping plan and needle valve- Fwds prints. o I.M. Ny- Plans appvd as revised. 10-28	D
- 453344	10-11 10-21	Insp GE N Y	Packing ring and sleeve and coupling guard- Fwds prints. To I.M. Ny- Lists plans appvd. 10-28	D
- 453734	10-7 10-23	Insp GE N Y	Fwds various prints of propulsion machy. To I.M. Ny- Lists plans appvd with comment. 10-28	D
454723	10/22	M Is	Copy of letter to Insp GE requesting detailed list of all material to be supplied - S&D	
455802	11:3	Insp GE	In connection with location of athwart ships steam limit and speed control shafts. D	
To Insp GE- All control cells for elec prorelling machinery be self support ing on all ships later than the CALIFORNIA ANYLAND & WEST VIRGINIA. 12-9 CANCELLED see 46-B-9				
457013	11/8	NY	To Insp GE- concurs opinions expressed Insp GE 12-8 To IM Ny 3/9 NY-submits estimate of change with print- Change to booster field windings - fwds print- D To I.M. Ny- Plans appvd. 11-26	3:2

Number.	Date.	From or To—	Subject.
457417	11/11	GE	Main control board preliminarily accepted and shipment made - DL
457605	10/30	GE NY	Arrangement of emergency tripping device. Hydraulic gear and cylinder, etc - Two prints - 11-26
458885	11/18	NY NY	NY - Plan apvd. 1-10 NY-assembly switching-Two prints-2:14
458888	11/19	GE NY	Main turbo generators - Two GE 40 prints - 11-26 NY-List of interlocks and details-Two prints-12:16 NY-List of interlocks and details-Two prints-11-29
461511	12/3	NY	Control room drill plan - Two copies print - 11-26 To I.M. NY - Plans apvd and assigned file number. 12-8
461530	12-3	NY	Control wiring testing and terminal board - Two prints. (Canceled 12-8)
463126	12-6	NY IS	Foundations for main turbo generators - Foundations for machine foundations - Necessary alterations - Necessary for installation of chocks. D

CALIFORNIA: MAIN ENGINES.

1919

Number.	Date.	From or To—	Subject.
433952	9-25	SEE CARD 14	To I.M. Ny- Auth to take up with Cory Co question of development of a double faced elec engine order telegraph. L New York 10-16 New York 10-18- Fwds prints to I.M. Ny- Proposed double-faced engine order telegraph appvd. 10-22 NY - copy of action to E is - 11/1 NY-arrangement of cables at control room bulk-head-fwds prints-3;5
449026	10:1	SEE CARD #18 NY to I.M. Ny. copy	Insr GE. 12-15 field rheostat for 300 kw generator-fwds GE Co print.
	11-7	(cross to 5) NY-fwds prints - 11/29	to I.M. Ny- Action on plan withheld pending receipt of detail plans showing type of construction of rheostat. 10-10 NY-field rheostats for 300 kw set-fwds prints-12;8 Change in design of second stage wheels of forward turbine-request approval.D to Insr GE- Action appvd. 10-5
449093	10:2	Insr GE	
449631	10-7	Insr G. E. To Insr GE- GE Co diagram showing layout of CALIFORNIA'S 2nd mach. very appvd by D.N.I. 10-15 for publication. 10-15	Fwds diagram showing machy lay out which G.E.Co desire to publish at time vessel is launched. Fwd D.N.I. 10-9 RB-10;14

D

No.	Date	From or To	Subject
449829	10-7	Insp G. E.	"Report core delay in shipment of Turbo Generator #1 for. To Insp GE action in regulating GE co to run each rotor in its own casting appd copy to L.O. NY and Comdt and e island. 10-9 D
451035	9-30 10-8	Mare Isl MEH	Machining of foundations for main Turbo generators and propelling motors - Rwd prints. Rwd O&H. Copy to Mare Island. 10-20 GER - 10/28
452718	10:6	Insp GE	Main turbine wheels and buccost plates - Rwd prints. To I.M. NY - Plans appd. 10-24 NY 11/28 To I.M. NY - Assign file numbers to plans. 12-2 NY Rwd various on file 118
452680	9-29 10-17 N Y	Insp GE	Main turbine Governor - Rwd prints. To I.M. NY - Plans appd with comment. 10-23 NY Rwd further information. 11/5 To I.M. NY - Comments on construction of copper dome for the governor case of the Governor of the NEW MEXICO. 12-10 NY - Rwd 2 comments. 7:15-D
398391	10-22 3-6 NY plan 7-20	SEE CARD 12	To I.M. NY - GR Plans listed appd. D

CALIFORNIA: AUX. MACHINERY

Number.	Date.	From or To—	Subject.
438765	8:1	M IS	Report of condition of work on July 31.D
438766	8:6	NY To I.M. Ny- Lists plans appvd. 10-28	Arrangement of forced lubrication system for main generator sets-fwds prints.D To NY- change of specinz 8/3 NY 10-23 Fwds prints of relief valve.
439982	8:14	Inspr GE To Inspr GE- Tests not required and will inform NY. 10-27 To I.M. Ny- Test waived. 10-27	All electrical equipment with exception of main control parts will be required at Mare Island not later than Sept 3rd- recommends test of circuit breakers at NY be official approval of GE type D&L To GE- gives action on - 8/23- L Inspr GE-10:22
440138	8:16	Inspr GE	Fwds copy of letter from GE Co stating delivery of material to M IS by Sept 30 impossible.D o Inspr GE- Repts continue endeavors to have GE Co expedite completion and shipment of propelling machinery. 8-20
439199	8:11	Inspr GE To I.M. Ny- plan appvd as modified; 11-29 NY-fwds GE Co prints-1:13 o I.M. Ny. plan appvd: 1-20	Propulsion control apparatus-fwds prints.D To I.M. Ny- Lists plans appvd with comment. 8-18 GE - 8/29 NY - 9/6 - auxiliary terminal panels - fwds print - D To I.M. Ny- Plans appvd with comment. 9-10 NY-arrangement of cables through port side of bulkhead-fwds plans-11:22
441371	8:21	Inspr GE	Fwds copies of specs for Grille work.D To Inspr GE- GE specifications appvd. 9-5
441401	8:20	Inspr FR void	Submits list of incomplete work with amounts recommended for reservation.D

592-9: CALIFORNIA: AUX MACHY

Number.	Date.	From or To—	Subject.
441403	8:13	NY The pr GE	Arrangement of cables in control room. To I.M. NY- Plans disappd. 9-6 NY- redt approved. 9-6
441404	9/9	GE	Circuit breakers for generator boxes - also sketch showing arrangement of test of 4-pole circuit breakers. 9-16 To I.M. NY- redt approved. 9-16 NY- redt approved. 9-16
411764	9-6	SEE CARD 13	NY- redt approved. 9-6 To I.M. NY- redt approved. 9-6 NY- redt approved. 9-6
446693	8:23	NY Insp GE	Inspect GE- twds data sheets and photos To I.M. NY- redt approved. 9-6 NY- redt approved. 9-6
446077	8:28	E. L. Beach	NY- redt approved. 9-6 To I.M. NY- redt approved. 9-6 NY- redt approved. 9-6

CALIFORNIA : AUXILIARY MACHINERY.

Number.	Date.	From or To—	Subject.
415908	5-3	N Y	Cable supports and connections to propelling motors- fws prints - D To I.M. Ny- Plans appvd with comment. 5-9
422210	5:19 5:29	Ins. GE NY To I.M. Ny- Plans appvd. 8-1	Field and booster wiring fws prts D To I.M. Ny- Plan appvd. 6-19 To I.M. Ny- Lists additional information to be added to drawing. 6-20 NY-wiring diagrams of propulsion control- fws prints. 7:26
423945	5:6	Ins. GE	Cross section assembly of turbo generator set in connection with placing of designating numbers in circuits D
423156	5-3	To I.M. Ny To Insp GE via I.M. Ny-1-5	Propulsion - Main A.C. Generators. spare parts. Insulation to be supplied to cover one complete set of terminals in lieu of 1/2 set of windings for rotor. DS
NY-1-22		To Solicitor Gives list of Addnl spare parts required 6-14. RB-6:25-DRB 7:1	NY-fws estimate of Insp GE 12:31 NY - fws estimate - 6/2 - D
426336	5-21 6-17	To Gen Insp Phila. Cost of change in Achy. GE Insp GE. 5-26. To I.M. Ny Est quoted upon shld be Insp GE for 6-26. NY To I.M. Ny- drawings appvd. 2-6	Propulsion control apparatus- Fws print D To I.M. Ny- Proposed arrangement and recommended by NY Yd a pyd. and details to be worked up by GE Co. 6-28 NY - Engine room switchboards and auxiliary reserve switch - fws prints - 11/1 To NY approved as modified 11/7 NY - fws prints - 1/20

Number.	Date.	From or To-	Subject.
429845	7/1	NY	Arrangement of wiring in forward and after engine rooms - foundation and cotterdam ring heads - plans app'd. 7-7 Recommend award made to Turbine Equip Co at \$5087.90 for 1 set of 1000 lbs. CALIFORNIA R
398836	NY N8A 2255 8/4	Recd SEA	N.Y. - Subm prints covering propulsion control plans - N 7/7 4/17 - Recd prints on engine and terminal board. D NY - Recd prints of engine room switchboard. 7:31 To I.M. NY - Lists plans app'd. 8-12 NY - Arrangement of wiring in engine, motor and control rooms - Recd prints. 8:25
432520	7-2	Inspr G.W.	W.A. - Recd copies specs covering wheels. (Not rec'd) To Inspr G.E. - Recd copies. 7/18 G.E. - Recd specs covering wheels. 7/24 Arrangement of wiring on control room bulk heads - Recd plans in control room - Recd prints. D To I.M. NY - Lists drawings app'd. 8-13 NY - Arrangement of control room instruments - Recd prints. D Submits plans of control panels for engine room auxiliaries. D To I.M. NY - Lists plans app'd with comment. 8-4 Exhaust end of main turbine castings - Recd prints. D To I.M. NY - Proposed method of repairing the exhaust end of the main turbine casing app'd. 8-7
432962	7:19	NY	NY - Plan app'd. 9-12 copy to Recd. Plans. D NY - Recd plans for engine room instruments. D Inspr GE 7:24 7:25 Inspr GE 7:25 To I.M. NY - Will accept casting when received. Inspr GE 8-20 Inspr GE 8-25 NY - 9:25

Number.	Date.	From or To--	Subject.
402699	3:13	Ins. GE	CALIFORNIA, MARYLAND, WEST VIRGINIA Annealed nickel steel turbine bucket wheel forging fws. specifications for approval (cross to 637- 1) To Insp GE- Specifications appvd. 3-21 Insp G-2. 3-22 Request action.
403717	3:17	Ins. GE	GE Co ask time of del. of switchboard and control apparatus at Mare Is. Id. D Island (T)-Advise delivery main switchboard and control apparatus/ for. 3-26 Is (T) deliver main switchboard and control apparatus desired 12/1 - 5/27
385217	3-22	SEE CARD 11	To I.M. Ny- Lists plans appvd with comment. D Insp GE 5/5- Changes in switchboard fws sketch To I.M. Ny- copy to Insp GE. 5-10 RB 5:19 fws 6/9- fws plans rec ignitions, fuses and certain switches control apparatus - D-L fws. copy of specifications for - be annealed carbon steel turbine bucket wheel forgings. D To- fws specifications for annealed carbon steel turbine bucket wheel forgings appvd. 4-2 To- fws copy of specifications for annealed carbon steel turbine bucket wheel forgings. 4-17
406051	3:26	Ins. GE	GE - fws copy of GE specifications for dimensions, quality, etc of annealed carbon steel turbine bucket and steel forgings - 4/21
407464	3:31	Ins. GE	Contactor panels for ent. room aux. meters fws. prts D&L
407463	3:31	Ins. GE	Contr. req. approval of prts covering contactors panels for eng. room aux mot. D&L To Insp GE Co- Bur has not recd blue prints covg changes in starting panels- 4/5 RB 4-8

[illegible]

Main Engrs.

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Number.	Date.	From or To—	Subject.
393776	2:10	.NY	Advise mechanism for field selector switches L To Plans appvd without comment. 2-14
393836	7-26	To I.M. Ny	Plans propulsion control apparatus appvd. 14
393836	2:10	NY	Fwds print showing steam limit indicating switch DW
NY fwds print showing arrangement of control room switchboard 3:15 D			To Plans appvd. 2-28.
To I.M. Ny - Plans appvd. 3-21			To I.M. Ny - Gives supplementary instructions
To I.M. Ny - Gives instructions for wiring diagrams. copy to Insp GE. 4-17			in re. to indicating lamps. copy to Insps NIS
393985	5:17 12-22	NY fwds prints To Inspr GE	To I.M. Ny - Reqs latest drawing. 6-27 Curtain blade plans. Lists plans reqs furnish. Dc
399086	2:25 1:6	Ins. GE Ins. GE	Turbine wheels CALIFORNIA & MARYLAND reports on trouble experienced by GE Co D to Inspr GE - Waiver of inspection disappvd. 3-12
398391	3-1 4:9	To Inspr GE Ins. GE	Changes in exciter and aux exhaust connections to main turbines. fwds prints. Dc
To I.M. Ny - Co tract water rates not to be changed. 4-16			Ins. GE modification satisf. to contr. 4:3
To Inspr GE - Contract water rates not to be changed. 4-16			To Inspr GE - Rqst reply to ltr Mar 1st. 4/7
399783	3:4	NY	NY 10-17 fwds print. <u>SEE CARD 16</u> Assembly of switching apparatus fwds prints Dc To - Lists plans appvd with comment. 3-13

Number.	Date.	From or To—	Subject.	
359027	10:15	NY	Thrust bearing for main turbines from prints D	
✓ 359322	10/15	GE	Fwd contrs letter requesting authority to furnish litho prints or van dykes as general procedure - D	634
✓ 376287	12-10	Telegram - W.C. Watson	Can witness test of machinery Friday - Request notify those interested	D
376733	12/7	NY	Log pile colls for main line: 3333 3333	
380265	12-19 12-24	Inspr. GE NY	10,600 K.W. main units #1 will be shipped to Mare Island - first asks engine room in which this set is to be installed Fwd. Mare Is. 12-28	D

John Long.

[MEMO]

Number.	Date.	From or To.	Subject.
351557	2/14	N. Is.	Status of oil coolers on No. 1 of No. 1.
356052	10:2	Ins. 62	Request list of piping and additional burden of turbine to be furnished by the oil turbine 10-11
356666	10:7	Ins. 33	In connection with changes in drawing of valve casing so as to be in service of turbine 10-11
29972	10/1	Ins. 10-11	Class of oil coolers on No. 1 of No. 1
357139	10-11	Ins. 10-11	Request for list of piping and additional burden of turbine to be furnished by the oil turbine 10-11

CALIFORNIA: MAIN ENGINES

1918

9 ✓

Number.	Date.	From or To—	Subject.
307029	5-8 5-13	Insp r GE NY	Main turbine casings - fwds blue print covering remedy for casing being sprung in hydraulic test. D To N Y Main turbine casing, exhaust end, method shown on plan not approved, 5-21
307026	5-13	NY	Gear casing, main turbines - fwds drawings showing patch on lower pad for bracket carrying worm for governor drive. D To N Y re Gear casing main turbines, method proposed by Gen'l Elec Co not Approved 5-21
308379	5/18	NY	Protecting screen for main motors - fwds print - D To N Y re protecting screens for main motors 5-24
307666	5-16	NY	Forced lubricating system in engine rooms. Fwds prints. D To N Y plans approved, 6-4 To N Y - forced lubrication system in engine rooms To NY plans approved 6-1 NY 8/12 - Fwds plans for modifications - D To NY, plans approved 8-27
310743	5-25	NY	Main generator - fwds drawing lists. D&R
311048	5-26	NY	Main motors stator coil winder - fwds prints. D To N Y, approving dwg, 6-5

Number.	Date.	From or To—	Subject.
311976	5-29	NY	Rwds print showing outline of generator for 2-13 To NY, plan approved 10-17 of drawing W-116135, assembly of 300 KW non-condensing turbo-generator set - 4/10 to inspect GE Co. basis and 1 blueprint copy Rwds print sent in assembly of set - drawing W-116135 and outline of set to looking to NY, plan approved 6-4 to NY, plan approved 6-4
311968	5-28	NY	Rwds print showing details of timing to NY, plan approved 6-11 to NY, plan approved 6-11 to NY, plan approved 6-11 to NY, plan approved 6-11
310743	5-31	NO NY	Applying drawing list for the main generators to NY, plan approved 6-11 to NY, plan approved 6-11 to NY, plan approved 6-11 to NY, plan approved 6-11
311963	5-29	NY	Rwds print showing details of timing to NY, plan approved 6-11 to NY, plan approved 6-11 to NY, plan approved 6-11 to NY, plan approved 6-11
316431	6-9	NY	To NY, re external oil coolers 6-12 New York 6-14 Control room apparatus, rwds prints, 1 to NY, plan approved 6-11 to NY, plan approved 6-11

CALIFORNIA: MAIL ENGINES

Number.	Date.	From or To--	Subject.
286222	3/2	NY	Guide pins for main motor shields - fws print. To- Plans apvd. 3-11
286921	3-5	NY	Installation supports for connections straps in generators - fws plans. L D To- Dimensions apvd. 3-12
289641	3-16	To W.C. Watson (T) (G E Co)	By any basis. consultation. D
292799	3-26	NY	Propeller machinery motor - stator coil diagram. Fws print. D To- Plan apvd with comment. 4-2
293762	3/29	NY	Water and lubrication service in motor rooms and shaft alleys - fws plans - D To- Plans apvd with comment. 4-5
294401	3/20 4/30	GE NY	Main propelling motors - rotor winding connections - relative to error in - DR To- Motors accepted as wound. 4-10

[illegible]

CALIFORNIA: MAIN ENGINES:

Number.	Date.	From or To—	Subject.	
✓188715	5-23	To GE Co.	Reqt six copies of specfns for propelling machy and lists of spare parts. D	
189789	5-5	To GE-NY-N.I.s.	Contract 25208 with GE Co. for propelling machinery: gives procedure in submitting correspondence, plans, in connection with inspection. N To NY—Fwds copy specfns. 6/20 To NY—Fwds specfns. 8/3 To N.I.s.—Reqt schedule for Form 102.	11/10
192006	6/29	To GE	Instruments for recording temperatures in generators in engine rooms; directs be installed as change in cost	554-9
194733	7/27	To NY	Suction of ventilating motors: for suggestions for installation of	554-9
195384	8/1	GE	Asks if horsepower and propeller speed have been definitely determined; request curve	554-9
196541	8/16	To GE via NY	Request instruments be furnished for measuring the temperature in the coils of the alternating current generators and motors	554-9
197006	8/16	NY	Ventilating motors of main motors: fwds plan of suction, etc/	554-9
197726	8-24	GE	Main turbo generators: asks if type inlet valves on NEW MEXICO to be duplicated. D Fwd NY for comment 8/31 RB 9-8 GE request action 9/2 NY (B) gives most desirable location 9/8 This (B) no record... test referred to. request alternate plans 9-8	

CALIFORNIA: LAKE ERIE. 592-9

Number.	Date.	From or To.	Subject.
197558	8-24	TO GE	Speed and power curves: Fwds.D
199028	9-9	GE	Instruments for recording temperatures in generators and motors; estimate. D To approve; list 9-19 To only two instruments are necessary. 9/22 To (1) - Approves turn tem measuring apparatus. 1-23 26207: Fwds.D To - comments on 9/25.
200361	9/26	NY	Turning gear for main propelling motor area type.D
202964	10/18	GE	Instruments for recording temperatures in generators and motors; estimate change in cost.D To - change app'd. 10/21 To Gen Insp - 10/21
206311	11-21	GE	Contract 26207: does not give water rates; request data.D To - as fixed. If can't be found req duplicate of contract. 11/27
286406	11-23	NY	Fwds copies from Inspector GE and makes recommendations. GE's plan.D To - Plans app'd as submitted. 11/25
210292	12-30	NY	Motor generators: Fwds plan.D To - Plans app'd. 1/10

CALIFORNIA: MAIN ENGS. 592-9

Number.	Date.	From or To—	Subject.
215269	2-16	NY	Turbine shell upper half; fwds plan.D. To---Lan 4. vl. 2/28
216312	2-27	NY	Main turbines; valve casing; plan.D To---Plan appvd.3/9
217224	3-7	C&h	Main propelling; generators and 30 kw generators foundations; plan. L Fwd C&R---Plan satis with comment.3/15
217379	3-12	NY	Main turbine bearings; proposed to duplicate NEW MEXICO type; NY recommends self aligning type. D To---Will appvd design shown on plan SE No 44-B-120. 3/20
216264	3-14	GE	Cable leads main turbo generator; asks if should be brought out at bottom or top of generator stator. D Fwd NY---For comment.3/19RB 3-27 To via NY---Endorsement as quoted from NY appvd.3/29
219359	3-22	NY	Main turbo generators; outline plans; fwds with comment.L. To---Lan 4. vl. with mail.4/7 NY modified plan stator frame; 4-7 To---Lan 4. vl. with mail.4/18
214256	3/26	To GE via NY	Exciter set exhaust connection to main condenser increased size of. Instrns. D
220504	3-20 3-31	GE NY	Main motors; outline, detailed, and drawings list; fwds. D To---Lan 4. vl. with mail.4/12

Number.	Date.	From or To.	Subject.
211434	1-12	NY	Main propoe line motors; ventilating equipment for; twds plan.D To--Plans appvd. 1/23
211963	1-15	NY	Main turbines; twds detailed plans.D To--Plans appvd with comment. 1/27
212058	1-13	GE	Main Generators: stator coil winding; plan.L To GE via NY--Plan appvd. 1/25
211672	1/16	NY	Main Generators: twds detailed plans.D To--Plans appvd. 1/24
212357	1-20	NY	Main Generators: bearings for; twds plan.D To--Plan appvd with modit. 1/27
212973	1-17	GE CO	Recommend change in ventilation for Generators.D To GE via NY--Directs change in ventilation. 1/31
213905	2-6	GE	Main Generators and motors; instructions for; twds detailed plans.D To GE via NY--Plans appvd. 2/16
214155	2-8	GE	GE twds detailed plans.D To GE via NY--Plans appvd. 2/21

CALIFORNIA: MAIN ENGINES. 592 -- 9

Number.	Date.	From or To—	Subject.
224 073	4/18	NY	Main turbines; details of standard and cap for end bearing; fws prints D To—Plan appvd. 4/30
224 078	4/18	NY	Gear casing for main turbine; fws print. D To—Plan appvd. 4/28
224 899	4-27	Schutte-Koerting Co.	Oil coolers for TENN & CALIF/ explains bid. 706
228954	4/26 5/16	GE NY	Auxiliary motors and control panels - fws prints L To NY—Plans appvd. 5/31 NY - request Bureau No. be assigned certain plans 6/12 D To via NY—Gives file numbers. 6/15
228941	5/17	NY	Main generators - details of and drawing list - fws D To—Plans appvd. 5/25
2289460	5/17	NY	Main generators assembly and details of fws D To—Plans appvd. 5/25 To—Gives BU numbers to plans. 6/1 GE Co - 6/4 - NY 6/9 - relative to numbers assigned plans D
228939	5/16	NY	Main generators - details of - fws print D To—Plans appvd. 5/25 NY - request correct numbers assigned prints of details of generators D 5/31 NY - fws prints 7/15 D To NY—Plans appvd. 7/19

CALIFORNIA: MAIN TURBINES

Number	Date	From or To	Subject
220822	3-31	Lt. J. Shafroth JAMES HAYWARD, CHIEF, TURBINE REQUIREMENTS FOR MATERIAL ENTERING INTO MAIN PROPELLING MOTORING	442-9
221634	4-9	NY	Name plates on main turbines: plan.D. No. 11-4, 12
222133	4-8	NY	Foundations for main turbo generators: 300 kw sets. D. plan. 11-4, 17
221665	4-7	NY	Main turbines; details of packing casings: plan.D. No. 11-4, 17
221666	4-7	NY	Details of exhaust and exhaust casing: plan.D. No. 11-4, 18
222594	4-31	NY Co	Main A-C cables for propelling motors: rest decision is type to be used and material. plan. 11-4, 18
222782	4-6 4-13	NY GE	To GE - Regt. comments be extended 5/25 5/22 states comments were fwd 5/22 Insp. 5/24 D R B - with detailed comments by GE Co and Contract 66207; cable leads for main turbo generators. D. No. 11-4, 18
223443	4/17	N.Y. pd.	Details of main turbines - forwards prints D No. 11-4, 18

CALIFORNIA: MAIN ENGINES.

Number.	Date.	From or To-	Subject.
✓ 233631	6/4	GE	Main generator details - fws prints D ~~To NY - Plans appvd. 7/2~~
✓ 233712	6/13	NY	Main turbines & fws prints of details D ~~To - Plans appvd. 6/23~~
✓ 236115	6/10	NY	Main turbine cross section assembly of fws prints D ~~To - Plans appvd. 7/10~~
✓ 237710	7/10	NY	Main turbines - fws prints of details D ~~To - Plans appvd with modif. 7/10~~ NY - fws print 9, 10 - D

Number	Date	From or To	Subject
230388	5/25	NY	Legging and terminal pumps for main generators - fwd. prints D To - Plans appvd. 6/1
230607	5/27	NY	Main turbine - fwd. plan showing details and drawing lists D To - Plans appvd. 6/5
231208	5/29	GAR	Foundations for main turbo generator and 3 KW sets - fwd. prints D To - Plans appvd. 6/2
231207	6/29	GAR	Foundations for propelling motors - fwd. prints D To - Jan satis. 6/2
229925	5/29	Fwd NY	A.C. cables, spools for, Comments re requirements for, D F B 9/55 To - Plans to Calif. 7/10 To - Plans appvd. 6/10 7/10

CALIFORNIA: MAIN ENGINES. 592--9

Number.	Date.	From or To—	Subject.
250850	9/26	To NY	Switchboards, wiring and controls for main propelling machy for. Fwds blueprint with detailed comments on operation, etc.
253274	10/5	NY	Recommends contractors for propelling machy be required to completely set up machy at works to determine whether all parts fit - D To GE—Instrns as above. 10/9
249883		OVER	NY Asks if Bu's file number be assigned to plans. 10/15 To NY— Give file numbers for plans. 10-17
254959	10-1	Reliance E&E Co Fwd Mare Island- 10-27	Motor for turning gear: contract 28307: contractors reqd date of delivery be advanced. D Fwd S&A - Advance deliveries satis. 10-17 RB 10/22
255140	10/15	NY	GE - States Switch plan not recd 11/15 D
255425	10/17	Fwd C&R-10-22 R B 10/30 To C&R-Reqs comment. 11-3 To C&R-11-9 GE Co	Proposed arrangement main generator and propelling motor circles was given. recd C&R question was handled on letter of Oct 3 and 11/15 Propulsion turbine construction—asks order in w. i. c. Bureau desires to have turbines completed. (Cross to Engines, turbine, and Insp. GE.) To - Lists order of completion desired. 10-22

CALIFORNIA: MAIN ENGINES: 592 - 9

Number.	Date.	From or To—	Subject.
261250	11/9	GE	Substitution of ~~furnish~~ cambric instead of rubber insulation and motor generator and cables - states believes Bureau entitled to decreased cost for the cambric installation as substitute. ~~Inspr-GE-161 to substitution of furnishing cambric in place of rubber insulation.~~
25514 0	11-22	To NY See card 5	To NY-11-22 To NY 12/3-1 To- Considers not safe to cut girders to run cables thru them. 12-8
265068	12/3	FY	Forced lubrication system - fwds prints To- Plans appvd. 12-19
267390	12/13	NY	Main turbines - fwds detailed plans - To- Plans appvd. 12-29
267477	12-14	NY	Lubrication, emergency, for main turbo generator sets; fwds prints and copies of correspondence with GE.D To- Plans appvd with modifications To- Plans app. wd. 2-18 To- Plans app. wd. 3-1 NY - fwds print. 3-16
269443	12/23	NY	California--turbo gen sets-arrangement in detail-fwds prints. 12/23.D To- Plans appvd. 1-10 NY-fwds prints. 1/27 To- Plans app. wd. 1-26

917

Number	Date	From or To	Subject
258942	11/3	NY	Main Generator cable bulk head plates - Twds Plan - L. D. To- Plans appvd with modifications. 11-13
259348	11/9	NY	Main turbines - testing diagrams - Twds prints D To- Plan appvd. 11-16 NY - Twds prints 1/3 - D To- Plan appvd. 1-12
260026	11/6	GE	Relative to location of controlling switch for motor heaters - D To NX - Concur in recommendations. 11-17
260770	11/12	GE GE To NY - type appvd. 1-10	Relative to control appliances for auxiliary motors for engine room equipment - request instrs relative to test - D To NY - 11-19 ix - starting panels for ventilating equipment submitted by GE - reports on test for proof of least shock of run fire - recommendations for Twds print showing sets reqd for removal of Main generator rotor - D To- Plans appvd. 11-24
261138	11/15	NY	Main motors - Twds prints. D To- Plan appvd. 12-1
261925	11-20	to NY	Gases for engine room gauge boards. D
261250	11-24	To NY	Insulation of single conductor cables. D

100

100

Number.	Date.	From or To.	Subject.
270778	12/31	NY	Main generator details - rwd prints - D No Plans are appvd. 1-11
273001	1/10	NY	Special spring terminals for insulators - relative to omitting - D To - Concurs in reco. recommendation of yard. 1-14
273643	1/10	NY	No Main turbine--rwd plans.D o-Lists plans & pvd. 1-24
273629	1/11	GE	Rwd certified report on tests of four low speed shafts - D To - shafts accepted. 1-16
274491	1/16	NY	Main throttle valves - rwd prints - D o-Liste pld. & appvd. 1-29 NY - rwd modified plans. D 2-22
274492	1/16	NY	Main turbo generating pipe fittings - rwd prints - D o-Liste plans & appvd. 1-26
275221	1-18	NY	No Plans & rwd. 1-26

CALIFORNIA BOILERS:

1921

Number.	Date.	From or To--	Subject.
569975		SEE CARD 5	To LI Condenser alterations to evaporators at Contractor's expense 11/25 Da 12/29 D Copy action to Wheeler Condenser Engrg. Co. 1/21 D
605228	1/11	CO	Stock of impellers for boiler registers be maintained on West Coast- nec for vessel to operate with reduced power. YR 1- - 2/17 Y 20 - 2/17 Y 30 - 2/17 Y 40 - 2/17 Y 50 - 2/17 Y 60 - 2/17 Y 70 - 2/17 Y 80 - 2/17 Y 90 - 2/17 Y 100 - 2/17 Y 110 - 2/17 Y 120 - 2/17 Y 130 - 2/17 Y 140 - 2/17 Y 150 - 2/17 Y 160 - 2/17 Y 170 - 2/17 Y 180 - 2/17 Y 190 - 2/17 Y 200 - 2/17 Y 210 - 2/17 Y 220 - 2/17 Y 230 - 2/17 Y 240 - 2/17 Y 250 - 2/17 Y 260 - 2/17 Y 270 - 2/17 Y 280 - 2/17 Y 290 - 2/17 Y 300 - 2/17 Y 310 - 2/17 Y 320 - 2/17 Y 330 - 2/17 Y 340 - 2/17 Y 350 - 2/17 Y 360 - 2/17 Y 370 - 2/17 Y 380 - 2/17 Y 390 - 2/17 Y 400 - 2/17 Y 410 - 2/17 Y 420 - 2/17 Y 430 - 2/17 Y 440 - 2/17 Y 450 - 2/17 Y 460 - 2/17 Y 470 - 2/17 Y 480 - 2/17 Y 490 - 2/17 Y 500 - 2/17 Y 510 - 2/17 Y 520 - 2/17 Y 530 - 2/17 Y 540 - 2/17 Y 550 - 2/17 Y 560 - 2/17 Y 570 - 2/17 Y 580 - 2/17 Y 590 - 2/17 Y 600 - 2/17 Y 610 - 2/17 Y 620 - 2/17 Y 630 - 2/17 Y 640 - 2/17 Y 650 - 2/17 Y 660 - 2/17 Y 670 - 2/17 Y 680 - 2/17 Y 690 - 2/17 Y 700 - 2/17 Y 710 - 2/17 Y 720 - 2/17 Y 730 - 2/17 Y 740 - 2/17 Y 750 - 2/17 Y 760 - 2/17 Y 770 - 2/17 Y 780 - 2/17 Y 790 - 2/17 Y 800 - 2/17 Y 810 - 2/17 Y 820 - 2/17 Y 830 - 2/17 Y 840 - 2/17 Y 850 - 2/17 Y 860 - 2/17 Y 870 - 2/17 Y 880 - 2/17 Y 890 - 2/17 Y 900 - 2/17 Y 910 - 2/17 Y 920 - 2/17 Y 930 - 2/17 Y 940 - 2/17 Y 950 - 2/17 Y 960 - 2/17 Y 970 - 2/17 Y 980 - 2/17 Y 990 - 2/17 Y 1000 - 2/17 Y

[illegible]

1921

CALIFORNIA: BOILERS:

Number.	Date.	From or To—	Subject.
560828	no date	CO 12/21	Submits report on Lillie evaporators installed on D
556091	4:37	S. M. Lillie	All parts for CALIFORNIA shipped to M. I. D 577-10
556867	6/2	To DE NY	Boiler water gauge glasses protection shields for Gives instrns cc LI D
496572		SEE CARD 4	To S&A Distilling Plant Evaporator defects in workmanship; Reqst Action cc Comdt LI 6/10 S

Number	Date	From or To	Subject
573117	7/5	To MI	Forced draft plant at Government Co - Not test of D or CC (11) increase speed. 12/1 D
569975	10/7	MI	Report on total cost of alterations to evaporators suitable to heater condenser and heater coil.
590165	10:13	Wheeler Con. & Eng. Co	Letter in connection with sales instaln and operation of lifting evaporators on D
593175	10:20	CO	Report on test and performance of evaporators CO May 8 - copy of action to Kure Island. D to CO - 8 May - 11/2

1918

✓ 4

CALIFORNIA : BOILERS.

1919

Number.	Date.	From or To—	Subject.
366542	10-29	Mare Island	Forced draft blowers not recd- Rqst efforts be made to expedite delivery - R M Is - request action 1/23 Mare Is. req. action 2:24 R
360318	12:18 12:24	Ins. W H NY	TENN & CALIF. equipment and evaporating plans fwsd prints D To NY- approves plan with comments lis 1/8
1919			
381871	1/2	M Is	Hydrostatic test being concluded on 8th boiler - shells for main condensers 50% complete - D M Is (T) no further report - 1/9 M Is (T) 2/13
Mare Island telegram 1:16:19 Mare Is. tel. no additional report 1:23:19 M Is - (T) work started on details - 1/10 Mare Island 2-7 (T)		TOUCY	
380320	M Is 1/4 2/20	To NY	Author acceptance of dynamo condenser circuit pumps tests of which covered by prints
387630	1/21	NY	Location of coils and rotor bar connec- tions main motor - fwsd prints - D
534375	11:30 12:14	M IS NY	Ask if yards shall proceed with installation of smokestack gys. D To LI NY 12-16 To LI Gives info re LI NY 12-18 LI IS-fwsd prints showing smokestack gys. 1:10-D To MI Plan appd 2-2/21
560828	no date	CO	Submits report on Little evaporators installed on D

Number.	Date.	From or To-	Subject.
381871	2-26	SEE OVER	To Kare Island - Telegraphic reports may be discontinued giving condition of work. Monthly reports all that is necessary. In
299261	2:21	Mare Is	Reg. auth. to furnish straight tubes for 25% no. to be carried on board. To - lists total number of tubes to be carried on board and division of 2-8 To - Tubes to be accepted as already provided.
470025	1:10	M IS	Request authority to change design of air vents on steam drums of boilers. To - Substitution auth. copy to NY. 1-20 N IS-regt auth. to change location of pipe connected to - (1) Permittion Granted. 5-14 Air and weather tight doors to boiler rooms - Two C&R 1/31 C&R - copy of action to M IS-2:4
472483	1/27	C&R	Distilling plant evaporators - calls attention to defects in workmanship leading plant - D No I.T. in works tanks 6-7 RB-6-7 To insert book twds let L.I. 5/16/20 and plans To S.A.V. Gives detid inform 6-7 RB-6:17-D To R. Distilling plant evaporators - advises no continuing record from I.T. NY CC I.T. NY - Inspr To Wheeler Condenser & Eng Co Evt's 1 L.I. and one of int descript. B in detail defective workmanship on evaporators 6-7. Wheeler Condenser & Engng Co-comments - 6:10-D 6/30/20 - Evap. 6-11.
496572	-	-	Wheeler C & E Co-regt no charges made against Company-6:14-D Inspr Brocks-6:21-D M IS-6:19-D S.A.-8:13-D To insert S.A. 6/31 To Wheeler Cond & Eng Co Regat content 2/3/21 Wheeler Condenser & Eng Co-2726

CALIFORNIA: BOILERS.

Number.	Date.	From or To--	Subject.
✓ 234201	6-9 To--7/5	M Is	Contract 27949; boiler tubes; asks when may be expected. S
- To Nat'l Tube Co--9/5			✓ To Nat'l Tube Co--ask when delivery of tubes will be made. 6/19 Nat'l Tube Co - & Destroyers 35 - M - reports change in plans at Mills. Plans of. Gives action on. 6/26B
✓ 233621	5/22	To NY	
243741	8/13	Pgh	✓ ~~243741~~ contract 28614 feed water heaters and spares S
251102	9/23	NY	Arrangement of blower rooms - fwds print - D To- Plans appvd. 9-28
250994	9/29	SEA	Order of priority for drums on contract with the Continental Iron Works. 135-Q-10
280597	2-6	NY	Rotor spider - forwards plans amended. D To- Plans appvd with modifications. 2-18
280413	3-16	NY	TECN & CAL evaporating and distilling plant; fwds print showing reversing valve and steam trap. D. 573-10

Number.	Date.	From or To.
293536	3/21	Wheeler Condenser & Engineering Co NY
295221	4-10	To NY
287757	10/12	M Is D
		Mare Is. tel. machine work has been commenced on starting, coupling and sleeves 12:5 D started on dynamo condensers 12:19 Mare Is. tel. lay out of pipes and boilers started 12:20 D
		All work completed on 5 boilers - D Mare Is. tel. asks if shipment has been made a TO M Is (T) no record your 17211 wire 10-17 M Is (T) request complete shipping data - 10/16 M Is (T) status of delivery of boilers to - 10/17 L Is = (T) 4th boiler delivered - 10/25 M Is - 11/7 (T) Mare Is. and Nov. 15 - Telegram - condition and installation of boilers
		Evaporating plant details - request four pass construction be accepted in lieu of feed water heaters. To NY - omission of evaporator feed water heaters appvd. expedited decreased cost estimate. 4-2
		Valves, butterfly in aux and exhaust exhaust connections to main turbine belts. Plans appvd with comment. 4-10 D NOTICE OF BOILING POINT AND FLOW TO IS, then removed, 7-16

CALIFORNIA:

Number.	Date.	From or To—	Subject.
211532	1-12	NY	Method of securing boiler saddles; plan.D To—Plan appvd. 1/24
211986	1-18	Brook	Lower drums after boilers: asks if order has been placed with Continental Iron Wks and who is to inspect.3 To—Replies to above questions. 1/22
212165	1-19	Alberger P&O Co.	Main circulating pumps; fws sketch showing exchange to provide for 28" suction and discharge. 19
212695	1-18	M. Is 93-Q-10	& 94 and CALIFORNIA: steel tubes and pipes for boilers: cont 27349: National Tube Co. time in excess of constructional period of vessel, request be expedited, 93-Q-10
214552	2-8	NY	Uptakes below 3rd deck; plan.D. To—NY 2/5/19 To—Fwd vandykes, 2/3/19 To M. Is. --- fws corr vandykes, 2/21
216093	2/27	To Continental Iron Wks.	Fwd. blue print showing H-hood heads, lower drums for boilers for. D 130
			Continental Iron Wks returns copy of old print 2/28 To M. Is. NY—Fwd: blueprint showing changes made. 2/27/28 To Pitts—ditto. 2/28

Number.	Date.	From or To.	Subject.
571912	6/21	CO CALIFORNIA	Request tow motor whale boats be furnished 611-2
575491	7/18	C&H	Copy of letter to CO CLIF in connection with issue of two experimental motor life boats I
			Spare parts for distributor starting motor and generator for power boats I E H
590589	10/15	CO CALIFORNIA	Request M.I. be authorized to issue 40' motor sailing launch to replace one lost I 611-9
591272	10/15	C&H	Copy of telegram to M.I. directing ship 611-9 to motor sailing launch via Buffalo for CALIFORNIA I
592574	10/14	JAG	Report CO Y Grounding & loss of 40' motor sailing launch lost from CALIFORNIA I 611-9
592572	10/28	C&H	Copy of letter to C&A requesting two 26 motor life boats be shipped from Coast Guard, Baltimore to CO CALIFORNIA I 611-2

CALIFORNIA: MAIN BOILER.

Number.	Date.	From or To--	Subject.	
192704	3-16	M. Is	Original plan called for one stack; C&R plans call for 2; rec'd instructions relative to submitting revised estimates for DR. No revised est under SE will be required. 3/27	
✓ 193331	7-5 7-11	Standard Water Sys Co S&A	Asks if schedule made covering evaporating plant, feed water heaters, etc. DR Fwd S&A-- 7/13	
✓ 193499	7-13	NY	TENN: asks if Thornycroft type of boilers to be constructed at NY have been definitely decided on. DR	575-10
192			Boiler drums for	706
201208	10/6	To M. IS	Forced draft blower air pressure. Bu will require blowers be capable of supplying required amt of air against a pressure of not less than 8" of water. Reqt est inc cost. D	
✓ 202773	10/18	Continental Iron Wks Co. quotes prices 10-31 To--Changed bill as suggested in company's letter 10/31. 11/2	Lower drums, marine boilers: gives sizes of plates necessary to meet U.S. requirements. C To--Contract given to Carnegie Steel Co. Ask whether can do flanging and how long will take. 10/28	
194	10/20	S&A	Copy of letter to bidders, amending specifications for turbo driven blowers for TENN & CALIF	706

CALIFORNIA: MAIN BOLPERS. 592-10

Number.	Date.	From or To	Subject.
204995	11-3	M. Is	Bolter material, request spears covering No—intention can be obtained from the Armstrong Cork & Insulation Co. Pltts. 11/10
205561	11-14	Continental Iron Works	Have received cont 258 for bolter drum. Request material for work be shipped in carload lots to Brooklyn.S
200435	11-23	Brook	Bolter drums: cont 258; rest plans.DS
206681	11-20	M. Is	Bolters: request instructions for developing plans of manufacturing and ordering material for fittings and bolter mountings. D To—Instructions. 11/29
206837	11/29	TO B & W CO.	Ends print showing arret of bolter and casing for. Left out in equipment of Peabody oil burners and registers. D Do submit quotation andwds print 12/22 Direct all lines for mountings. Lists from disc exchanged. Note: these materials are also sent to: observe use of steel bolter top: recommends that not lose them of saving all components be used on all en- lines for future bolts.
206715	11-22	~~AT Sub Plt~~ ~~VOID~~	

CALIFORNIA AUXILIARY MACHRY

1922

Number.	Date.	From or To--	Subject.	
636592	8/2	CO	Special type electric lamps for Chief's Barge- ask if are being obtained. L To CO- gives inform 8/24	
CALIFORNIA	Reqn #4/23 8/14	To CO	Spare Bosch DU 8 magnets Y & R	
818	8/17	To CO CALIFORNIA via MI	Pistons for Van Alstok engines gives inform rel.	629
643329	10/4	To USS CALIFORNIA	Error in numbers of power boats on. Ye	611-12
643521	10/25	CO CALIFORNIA	Request new strut be furnished for engine in 36' motor boat M 757 Y	611-12

Number.	Date.	From or To—	Subject.	
594152	11/4	C&R	40' motor sailing launch 9803 selected for Shipment to CO CALIFORNIA Y	611-9
598016	12/2	To CO USS CALIFORNIA	Rqsts engine numbers be corrected Ye co	LOG 611-10
598880	12/5	Coast Guard Baltimore	Gives registry numbers assigned to boats. shipped to Hamp Bds for delivery to CALIFORNIA & NEW MEXICO Y	611-2
602834	12/31/21	C&R	Copy of letter to M.I. assigning two 50' motor boats to CO CALIFORNIA Y	611-14
603795	12/29	CO CALIFORNIA	Submits report of changes in power boat machy Y	611-2
603810	1/9/22	C&R	Copy of letter to CO CALIFORNIA & NEW Mexico rel to boats for flags. Y	611-2
606898	1/27	C&R	Copy of letter to L. IS. relative to 50 ft motor boats for CO CALIFORNIA Y	611-10

CALIFORNIA: AUX MATHY

1920

1

Number.	Date.	From or To—	Subject.	
49745	4/7	To Industrial Lgr. N.Y.	Battery charging panel for LANCE and CALIFORNIA. LS	629
49745	4/7	To Insp'r Martindale	Battery charging panels for LANCE and CALIFORNIA. LS	629
488104	4/17	C&R	35' motor boat 14757 selected for issue to CALIFORNIA; Y	611-2
495807	5/24	C&R	35' motor boat 14759 assigned to CALIFORNIA Y	611-2
498821	6/10	C&R	Copy letter to Norfolk assigning 50' steamer 5440 to CALIFORNIA Y	611-1
519428	10/2	To IN MY	Arrangement and details of lifting gear for aux below mummy flat; Plan app'd	592-8
531770	11/22	Norfolk	50' steamer 5440 delivered to Mare Is for CO CALIFORNIA Y	611-1
561135	4/29	C&R	35 ft motor boat 9796 selected for issue to California Y	611-12
593576	10/29	S&R	Copy of letter to Coast Guard Balto reqt for 26' motor life boats be shipt to Hampt Rds for CALIF AND NEW MEXICO. Y	611-2

Number	Date	From or To	Subject
571912	6/21	CO CALIFORNIA	Request tow motor whale boats be furnished 611-2
575491	7/18	C&R	Copy of letter to CO CALIF in connection with issue of two experimental motor life boats 1
590589	10/15	CO CALIFORNIA	Request M.I. be authorized to issue 40' motor sailing launch to replace one lost 611-9 Spare parts of distributor, starting motor and generator for power boat 1 & 2
591272	10/19	BM	Copy of telegram to M.I. directing ship 611-9 to motor sailer via Buffalo for CALIFORNIA 1
592574	10/24	JAG	Report CO 1 grounding & loss of 40' motor sailing launch 402 from CALIFORNIA 1 611-8
592573	10/28	C&R	Copy of letter to SEA requesting two 26 motor life boats be shipped from coast guard, Baltimore to CO CALIFORNIA 1 611-2

Number.

Date.

From or To—

Subject.

[OVER]

CALIFORNIA: CONDENSERS:

1920

Number.	Date.	From or To--	Subject.
483791	4-3	To I.M. Ny	Control panels for main and dynamo condensate pump motors. copy to Insp'r Westinghouse - plans app'd with comment and assigned file numbers. D NY - resubmits prints of control panels for main and dynamo condensate pump motors - 5/13 - D To Insp'r: drawings assigned file numbers as listed specif: submitted are app'd 5-13.
496076	5/17 5/21	GE NY	Fwds copy of GE Co estimate of change in cost for installation of 2 instead of 1 condensing auxiliary sets in engine room - to Insp'r GE change authorized 6-12. To Gen Insp'r Phila Reqst dup copies of report 6-12
534323	10;22	York Mf, Co	Request contract be amended - fwds estimates.D
540834	1/14	Bd on Changes GE	Commission of hot well pumps for main condensers - estimate of decreased cost. D. Fwd Solicitor 1/19 RM 1/22/21 To G E Co via Insp'r Fwds report app'd 1/24
552322	5;21	Westinghouse Elm Co	Copy of letter to Disbursing Officer NY taking exception to deduction from contract price on alleged delay in delivery of 270 days contract 1923 covering air ejector equipment.D

Number	Date	From or To	Subject
606123	1/26	TO COL. WASSER CALL- FORNAT LAYLAND	Test of Emergency Circulating Water connection for Dynamo Condenser Dp
610953	2/27	TO COL. WASSER CALL- (U.S. CALL. DIAL)	Test of Condenser tubes for test in aux con- nection for dynamo condenser. In
613656	3/17	TO PUG AND	Dynamo condensers, installation of Emergency circulating water connections of CO DP X
613376	4/2	TO	Leakage testing of boiler from stoppings of emergency circulating water connections of dynamo condenser, installation of emergency circulating water connections of CO DP X

1918

CALIFORNIA: CONDENSERS.

Number.	Date.	From or To—	Subject.	
283228	2/19	NY	Contract 31373 - Condenser tubes - states no copy of contract recd - states point of delivery is NY - D	
1283847	2-23	Phone NY & CO	Condensers tubes - Bureau stated that had directed tubes for diverted to Mare Island. T	
331490	8/29	To Mare Is	Encl copy of let from Inspr Westinghouse	59223
1030	11/9	Inspr NY	Mare Island states material not desired until 31-19.	629
381568	12/31	M Is T	Request authority to oxy acetylene weld seams in main condenser shells - D To Mare Is Calif T: 15131 reqst approved to oxyacetylene weld longitudinal seams main condenser shells USS CALIFORNIA comma omitting butt straps comma plan forty four dash B dash one eighty eight 1/2/19	
401124	3; 3	MI	Submits report of error in counter sinking and tapping holes for tubes in main condenser sets - D To-- Tube sheets counter sunk and tapped as stated accepted. 3-13	

CALIFORNIA; CONDENSERS

Number.	Date.	From or To—	Subject.
447862	3:24 4:12	In. Westinghouse NY	Sends copy of contr. let. req. extension of 120 days for delivery of air ejecting equipment for main and dyamo condensers after approval of drawing D To S.A. have contract amended to extend date of delivery for motor control equipment 120 days 4/7 To In. West. NY - Approves contractor's req. for an extension of 120 days - 4/7. NB 4/17 Rwd S.A. 4-22 NB 4/22 Rwd S.A. 4-22 NB 4/22 Westing. E/A/Co - Supplementary copy of letter to In. Westing. calling for det. S.A. 6/26 Both S.A. 7-7 Rwd S.A. 7-7 Rwd S.A. 7/7
432116	6-4	Insp. RPN	Condenser equipment for condenser motors - sends prints. D To Insp. RPN - Plans app'd with comments 6-19 NY sends drawing 6-20 To In. RPN - Gives detail comment on plans 7-15 Copy to Insp. Westinghouse Insp. RPN 8-27 46-B-19

CALIFORNIA: CONDENSERS.

1916

Number.	Date.	From or To—	Subject.
189216	5/27	To GE	Will omit the four hotwell pumps for the main and dynamo condensers; directs submission of est dec cost.D
198867	9-9	To GE.	Hotwell pumps for main and dynamo condensers: directs omission of.D GE estimate 9-12 To—Change appvd. 9/30 To Gen Inap.—9/30
208597	12-13	NY	Main condenser: fwds plan following GE Co suggestions.D To—Plan appvd with comment and modif. 12/29 NY Main condenser: J. F. Metten of the Crump Co controls patents; will agree to their manuf under the royalty of 3¢ per sq ft of heating surface, amounting to \$500 1/18 To—Appvs. 1/23 NY fwds condenser plans covering Lovekin design 2-16 To NY—Plan appvd with comment. 3/1 NY submits revised plan 3-20 To NY—1/2 appvd with comment. 4/2 Substitution of air ejectors and condenser pumps for Parsons vacuum ejectors and condenser pumps. And dynamo condensers. D
21-447	2/17	To NY	
232798	6/8	NY	Main condensers - fwds prints of water chest D To—Plan appvd. 6/15

Number	Date	From or To	Subject
232983	6/15	NY	Main condenser - twds prints of details To - Plan appvd. 6/25
235988	6/30	To NY	Air ejected suction from condensers, will be similar to California in ball. D NY - & Tennessee 7/18 D To - Appvs. 7/25 NY & California - twds prints 8/1 To - Plan appvd. 8/10 To - General condensers - twds plans 8/7 - D
241373	7/23	NY	Main condensers arrangements and details - twds prints D To - A PWS. 8/4
251262	9/23	NY	Main condensers; arrangement and details of strop box for testing - twds plan - D To - Plans appvd. 10-2
31373	2-15	To SEA CALIFORNIA	Hot condenser tubes be diverted to M. Is. for CALIF. R

1921

4-338J

Number.	Date.	From or To-	Subject.
636433	FROM OTHER SIDE		York Mfg Co 9/19 Request with to furnish White Cloth Vandykes instead of Litho prints D As York Mfg Co- will accept white cloth Vandykes 9/25 cc MI- MX 9/25 York Mfg Co 10/19 - was copy of action to M.I. D To York Mfg Co - gives inform rel v-maykes cc MI 10/25 York Mfg Co 10/3 copies letter M.I. 10/25 Reprint print on 10/25/25 cc MI- MX 9/25
647888	11/3	TO MI JONES	Change ventilation in magazine-closing device at bottom of 5th ammunition hoists D

CALIFORNIA; REFRIG HEAT VEHT:

Number.	Date.	From or To—	Subject
509684	7:24 8:4	M IS CAR	If install is made under supervision of Co eng-12:27 York Mfg Co will be responsible for satisfactory performance
York Co-price per yard making install-10:22			Sends letter from York Mfg Co relative to making special deposit to cover work under contract 163 installation of refrigerating machinery.D
C&R-copy of telegram to York Co asking if will install apparatus-10:29			Fwd Dec'y 8/6 RB-8;12:20-D
C&R-copy of T to York Co requesting action re contract 163-11:8			M IS-copy-ask if work will be charged to CALIFORNIA-8:13-D
Fwd Dep't JOINTCO MI 11-25 RB-12;2-D			SOL-request telegraphic instructions be given yard-8:16-D
Fwd CAR 612-3			To M.I.(T) will arrange secure special deposit from York Mfg Co covering cost of work joint 8/19
To York Mfg Co-disapproved 12-4			Fwd CAR 8/23/20
York Mfg Co-12:5-D			York Mfg Co-recommends Co make entire install at actual cost plus overhead and profit-11:1-D
To York Mfg Co-12-11			Copy of telegram to York Mfg Co asking if will install refrigerating apparatus and insulation themselves.D
M IS-copy-ask status of negotiations-12:16			Copy of telegram to York Mfg Co requesting action in connection with completing contract 163 for refrigerating equipment for.D
York Mfg Co-submits est in detail-12:21			
To York Mfg Co-gives inform 12-23			
526290	10:29	C&R	
VOID see 509684-592-13			
526198	11:8	C&R	
VOID see 509684-592-13			
531272	11:24	York Mfg Co	In connection with payment terms on contract covering refrigerating equipment for-should be same as on TERNALSS-12-30 fwd CAR 12-30
532020	11:30	C&R	Copy of telegram to M IS stating contract with York Mfg Co covering installation of refrigerating machinery on has been approved-D

Number.	Date.	From or To.	Balance.
543328	2/16	Solicitor	543328 N.S.E. Form 124 by York Co-9:6-1000 To give action to refunding money deposited JOINT To give action taken re action of ref money and old storage insurance 2/8/21 To MI feds cc of contract 3/26 Feds supplementary contact with York Mfg. To Solicitor Cont correct 3/16 Ce. - request approval.
543328	2/16	Solicitor	To York Mfg Co gives action 12-27 To MI (M) firm wants settle York and To York Mfg Co gives action 12-29 To York Mfg Co gives action taken cc NY 12-29 Dept-copy of action to Gen-1-5-D

Number.	Date.	From or To—	Subject.	
331705	7/11	NY	Refrigerating equipment - copy of letter to Elo York Mfg Co re testing delivery made about Feb 4, 1919 - R	tr 100- 100-15 370-15
401200	2/24	NY	Fwds plans ventilation damper indicator gears for main propelling motors - D to I.M. Ny- Plans appvd. 3-11	
410624	4-11	S&A	Cy of letter to York Mfg Co req expedite del of refrig equipment for D	592-9
417860	5-12	C&R	Ventilation of machinery spaces - fws parts D to C&R - Plans appvd. copy to I.M. Ny. 5-16	
422349	5-26	Mare Ia. Fwd C&R. 6-25- Fwd Solicitor. 6-25- RE-7:19	Ref. machinery and cold strg installation estimate covering D Mare Ia. ref. frig. machinery submits estimate for installing 5-26 D Fwd C&R. 7-25 C&R - 8/13	

CALIFORNIA:

Number.	Date.	From or To.	Subject.
424541	5-26	Mare Island	Refrigerating machinery- Submits esti- mate for installing 592-13
433046	7:16	York Mfg Co.	Sends copy of letter to SEA requesting con- tract be amended to cover fluctuations in freight and installation charges for re- frigerating apparatus due to delay in making vessel available.D
463103	3/23	TO CALIFORNIA	Carbon dioxide cylinders for refrigerating machines. Desires report covering number on board and number used past six months. To Keith Bros. Desires report elypt cylinders cylinders for refrigerating machines 5/23.
464304	3:22	M 13	Copy of letter to York Mfg Co stating work in connection with refrigerating equipment can be commenced July 1st.D
			SEA is prepared with new A and B type I. I. installation of carbon dioxide cylinders. SEA states it no object to work the York Mfg Co as to advised so as to proceed-7:1 to York Mfg Co 7/29

1916

CALIFORNIA: REFRIG: HEATING: VENTILATION.

Number.	Date.	From or To—	Subject.	
206894	11/29	Kroeschell Bros Co	Refrig equipment; states prices quoted will not stand for much longer time; request order be expedited	573-13
NY 1081	1/31	Fwd S&A via C&R	Reqn for heater boxes, dampers, steam and drain valves, etc., for, appvd. R	
213273	2-1	Solicitor	Refrig plant; copy of contract with York Mfg Co. Fwds. K To I.E. -- Fwds 2 copies of contr for Solicitor fws drawings and other data to be made part of contract 2/10 304 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000	2/3
235524	6/25	GE	Reports inspection of controllers for refrigerator motors S	
235525	6/27	NY To I.E. NY	Ventilation for main selling motor - Fwds prints To I.E. appvd. 7/3 NY fws prints of ventilation operating gear for motor 3:11 1	

CALIFORNIA: REFRIGERATING: HEATING: VENTILATION. 592 - 13

Number.	Date.	From or To—	Subject.
256211	10/22	Habe	Refrigerating apparatus - copy of letter to York Co as to date of delivery and status of completion D
267143	10/26 10/27	York Mannu Co Habe	Request be advised dates when shipment of machinery can be made - D and NY-10-21 11/8 with statement from contractors - D to Harrisburg- 11-13 NY - correspondence returned 11/7 - 11/17 D
163	1-3	York Mfg Co 1	CALIFORNIA 4 TURNS THE refrigerating equipment - reports finding complete fittings and drawings to NY and 3 copies to Bureau - 3 629
318309	6:11	York Mfg Co	Repts. permission to build as inspected and passed. D and NY- 6-21 to York Co. on re-inspecting of machines 7-3 and SEA 7-25 Copy of letter to York Co directing shipping be expedited instead of storing machines.
324-87	7-9	SEA	573-13

592-13

1915

NRB-0120

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CALIFORNIA

PROPELLERS AND SHAFTING

1922

Number.	Date.	From or To—	Subject.	
✓ 605191	1/13	MI	propeller report. Y	
✓ 607137	1/25	MI	No spare propellers for. Y to Pacific Fleet 9/25 Y No C-I-C Pac. Fleet action Y propellers cc Squad 4- CO's CALIFORNIA TENNESSEE 11/4	
✓ 640278	8/29	Pug. Sq.	Propeller report. Y-D.	
645423	10/17	To C&R	WASHINGTON-- Spare propellers- Bu has no spare propellers for CALIFORNIA TENNESSEE and MARYLAND DA	12 14-6

CALIFORNIA: PROPELLERS & SHIFTING

Number.	Date.	From or To--	Subject.
995	9/30	Inspr Pitts (T)	Only available shaft is a 44' for tail shaft for CALIFORNIA S 629
31009	3/25	Mare Island	Fuel Oil Heaters for CALIFORNIA not yet recd D 629
407859	4:2	Exp. Station	Test 832-AO preliminary report of test of propeller shaft forging S To Insp. Pitts- Auth acceptance of pro- peller shaft forging 454-51 if satisfactory in all other respects - 4/4 Insp. Pitts. copy of let. Erie Forge Co auth. acceptance of 4:2 Y
409827	4/8	Exp Sta TEST 832-AP 512-14	Prelim report of test of stern tube shaft forging - S To Insp. Pitts- Auth acceptance of stern tube shaft forging - 4/11
425285	6/13	Phila	Propeller will be ready for shipment 6/17 - Regt shipping instrns - Y To Comdt Phila- Repts that the propellers reported ready for shipt be turned into stock at Phila yard. 6-17 3 P 7/1 To Comdt Phila- Shipt ordered issued to cover shipt of propellers to Mare Island. 7-2

592-14 CALIFORNIA: PROPELLERS:

Number.	Date.	From or To—	Subject.
379330	6-27	To S&A	Reqt ship't propeller castings from Phila to Bare Island for. To 573-14
432520	7:2	Insp GE	4 WEST VIRGINIA rwd copies specs covering propeller wheels (not read). D To Insp GE- req duplicate copies be fwd 7/16 Insp GE- rwd specs covering wheels. 7:24
379330	8-8	To S&A	Reqt shipment report on reqt of June 27th for propeller castings. for CALIFORNIA. 573-14
530541	6:10	M IS	Propeller report. Y
552212	2/19	To MI	Reqt be furnished with propeller lade mea- surements by M IS- rwd analysis of propeller measurements- 4:7-D&Y
565656	5/18	MI	Calis attr'n to imbalance in propeller shaft as noted by M. I. report of night. D. and Phila 5/27 M IS- propellers have been balanced in M. I. report. D. Y Phila gives the time 6/24

1919

CALIFORNIA: PROPELLERS AND SHAFTING.

Number.	Date.	From or To—	Subject.
225521	4/21	M Is	Spare propeller shafting: recommends be finished all over except at propeller end. D To—Appvs rec. 5/2
✓ 246035	8/27	Exp Sta TEST 832-0	Coupling forgings for shafting - fwds report S To Pitts—Auth accept. 8/29
256709	12-13	Phone Phila	PROPELLERS: BROOKLYN: Propeller blades. 2 propellers for Cal and 3 blades for BROOK completed by yard. Directs snipt. 12-13 Y
271847	1-5	Exp Sta TEST 832 V	Line shaft forgings; fwds report S
278319	1-28 1-30 FWG NY-2-27	Insp. Erie Insp. Pitts.	Line shafting forging contract #28186 request instructions relative to authorizing Erie forging co. to deliver S. Insp Pitts—Request action on letter 30th S Erie P&S Co—States cannot better delivery of shafting for the P&S (Cross to 573-14) X Requests waiver of deficiency of elongation: D. Co—Auth acceptance of propeller. 2-6
✓ 278883	2-1	Insp. Phila.	
283582	2/20	Albert Kingsbury	California Thrust bearings- fwds plans. D 573-14

CALIFORNIA: TEL. AND RVS.

Number	Date	From or To	Subject
292799	3-26	NY	Propeller machinery motor: stator coil diagram Rvds. print. D. 592-9.
293456	3 23	Phila	Propellers - request waiver of defects. D 10-Propeller wheel is accepted. 4-2
517524	6/10	To Phila	Request mfg of 2 righthand and 2 left hand propellers for 2 California, including machines. Y 572-14
Y 319770	6/20	Exp. rts MAY 332	Two sets of rts - rts re exp - 2 to inspect rts; authorizing acceptance of above rts; 6-20
517521	6-21	Exp. rts	Two sets of rts - rts re exp - 2 to inspect rts; authorizing acceptance of above rts; 6-20
517520	6/10	Exp. rts	Two sets of rts - rts re exp - 2 to inspect rts; authorizing acceptance of above rts; 6-20
567058	11-12	Inspr rts (1)	Inspr rts (1) Subject: rts re exp - 2 to inspect rts; authorizing acceptance of above rts; 6-20

CALIFORNIA: PROPELLERS AND SHAFTING.

Number.	Date.	From or To—	Subject.	
185871	4/25	Kingsbury, A.	Thrust bearings; fwds printed matter and prints	573-14
189127	5-27	TO NY and M. Is	Arrgt of shafting; fwds vandykes	573-14
✓ 193555	7-14	To NY.	Directs Kingsbury thrusts be installed on main shafting; obtain estimates from GE Co for furnishing. D To—Obtain thrust from Kingsbury and submit drawings to GE for est. 7/27	
✓ 194768	7/27	NY	Propellers; asks if will duplicate NEW MEX-ICO's. DR To—No; design will be prepared by Bu. 7/29	
✓ 195711	8/5	GE	Request drawing of Kingsbury thrust be expedited. D To NY—Reqt estimates for thrust bearings be submitted. 8/8	
197558 VOID	8-24	TO GE	Fwds speed and power curves. D	
197561	8/24	To M Is	Propelling machinery; castings and patterns; directs manufacture	592-8
✓ 198602	8/31	M Is	Gives reasons why propellers should be manufactured at M Is. D To—M Is has been selected as place to manuf. 10/5 To S&A—Reqt shipment screw propellers to M. Is. 10/5	

CALIFORNIA: PROPELLERS AND SHAPING. 592-14

Number.	Date.	From or To-	Subject.
200805	9-20	GE	Kingbury thrust bearing; est inc cost. D and int. for completion of act 10/3 RB 10/26 to GE--with recommendations. 10/26 RB 11/2 to GE--Comments on install of 11/8 to GE--Will install Kingbury thrust bearing Does not necessitate change in contract. 11/8
206006	11/16	NY	Arct shafting; plan 573-M
307133	12-2	Pitts	Cont 28186; no provision made for thrust shaft; asks for omission intentional. S and NY--12/6 RB 12-12 to NY--Items 8 and 9 of contract will have thrust collar; Negt issue of above contract plan be executed. 12/18 to--Gives action. 12/18
209036	12-18	NY	E.C.L.: screw propellers; recommends increasing diameter at fwd end of propeller hubs to allow for salts fallwater. 573-14
212545	1-19	M. Is	Kingsbury thrust bearings; asks it to be treated as inc cost in connection with making out form 102 (Items 2) to--(7) Form 102 will not include cost Kingsbury thrust. NY preparing est. 1/31
271847	1-8	Contract "9 Pitts	Contract 28186 Line shaft forging acceptance auth. S

Number.	Date.	From or To--	Subject.
618349	4/15	To Comd VI Joint	Change in magazine flooding system piping for D
620138	4/10 4/17	CO Pac Fleet	Calls attention to unsatisfactory cast steel sheeting for high pressure steam. Recommends elec weld joint. ID X to 695-5 To Inc. Plant. ~~and~~ method of repairing electrical welding. 5/3 D.d
630146	6/9 6/20	Pug Sd C&R 16 ✓	Installation of hydraulic gasoline storage D Fwds C&R 7/1 Dd
631058	5/31	CO	Request additional steam lines for evaporator aux D To CO instln authd cc Pug Snd- Pac Fleet- Squad 4 7/10

592-15

Number.	Date.	From or To—	Subject.
631675	6/20	CO	Reports on packing on main steam lines Bulacastan RD X 693 Fwds Exp Sta 7/12 no To CO via 3 DIRECTA via 3 and 4- CO submit in form concerning tests 7/21 no
642829	9/29	To CO	Main motor fresh water fire extinguishers 592-9 connection for. Fwds pr int DP

CALIFORNIA: PIPING SYSTEM GEN:

3

1919

Number.	Date.	From or To—	Subject.
409791	4:9	NY	Arrangement of steam pipe drain in engine room fws prt D To I.M. Ny- Plan appvd with comment. 4-18 NY-arrangement of drain pipes and traps-fws prints-4:2-D To I.M. Ny- Plans appvd. 4-8 NY- arrangement and details of drain piping in engine and boiler rooms - fws prints 4/18-D
411022	4:14	NY	Arrangement of water and fuel oil piping in engine and boiler rooms fws prt D To I.M. Ny- Plans appvd with comment. 4-26 NY 5-6 Comments on changes in arrangement of water and fuel oil piping in engine and boiler room. D To I.M. Ny- Suggests that two 2 1/2" hose valves be provided in each engine room. 5-9 NY fws prints 6:21 NY fws prints 8:4 To I.M. Ny- Assigns file numbers to prints. 8-9 To I.M. Ny- Lists further modifications to plans. 9-10 NY 10-13 Fws print.
422973	8:30	NY	Lagging for pipe lines-boilers, etc.- recommends M 15, prepare recn for D fwd Comdt M 9/3 cc to NY 11-9-23 To- Mare Island to prepare recn for material necessary for the clothing and lagging of the various pipe lines etc. copy to Comdt Mare Island. 9-23
490049	4:26	NY	Steel pipe required to complete installation of pipe line-award will be made to Pittsburgh Seamless Tube Co. D To I.M. Ny- Substitution of Black Iron pipe appvd. copy to Mare Island. 4-28

[illegible]

CALIFORNIA: PIPELINE SYSTEM.

592 - 15

1918

Number.	Date.	From or To.	Subject.
316634	6:13	NY	Fwds prints showing arrangement of steam exhaust and vapor pipe in machine spaces. D
NY -	fwds prints - 10/23		To NY, plan approved with comments, 6-29
TO NY	plans approved 11-2		12 - 10 prints showing arrangement of steam exhaust to vapor pipes in machine spaces - D
			To NY, plans approved 7-26
			NY 8-2 Request action
			To NY, plans approved, 8-10
			pipes in machine spaces, 8-12
			To NY, plan approved, 7-12
			Fwds print showing arrangement of pipe on main turbine generators - DR
			To NY, plan approved, 9-9
341359	8/23	NY	Best auth to approve change in thickness of copper pipe in exhaust lines - DR
			And NY via SIA 8-27
344856	8/26	M Is	Requisition 356, steel plate for flanges - request amounts, be increased - D
345458	8-27	M Is	Ask if co. or ship has been shipped from American Brass Co - A

CALIFORNIA: PIPING SYSTEM

Number	Date	From or To	Subject
351197	9-18	Ins. GE	Piping Plans. D to Mr. Dept. Plan of steam piping 9-24
356053	10/3	Ins GE	List list of piping and addit inside main throttle to be furnished by Bureau
365490	11-2	New York	Steam and exhaust system/ Fwd prints, bills of fittings and pipes, pipes, etc, for steam and exhaust systems, 11-12
382520	1/9	Fwd C&R	Action taken satis re stuffing boxes C&R copy of letter to H I giving action 1:14:19
394865	1:20 2:12 To I.M. NY - Assistants file numbered to revised plans. 3-7 NY - Fwd print showing steam and exhaust piping for engine & boiler room 3/27	Mare Is. NY	Proposed changes in steam lines 1 to H.I. - Advice taking lower steam off the in firerooms 1 and 2. 2-17 copy to Mare Island. 2 NY - Fwd corrected plans of steam and exhaust piping - 2/28
> 397663	2:8	GE CO	MARYLAND & W. VIRGINIA aux. exhaust stage 1 comments to (W.H. Bailey) - Regter two additional prints & sketch showing proposed changes in exhauster exhaust connections to the GE Co Fwd sketch 2:28 aux exhaust line and main turbine stages. Dp 2-27

CALIFORNIA: PIPING SYSTEMS.

Number.	Date.	From or To-	Subject.
✓ 214815	2-12	NY	Steam piping: fwsd arrgt plan of; auxiliary all auxiliaries can be supplied from either port or stbd boilers.D To--Plan arrgt with notif and comment. 2/27
✓ 219229	3/15	NY	Steam piping: fwsd arrangement plans.D To--Plan arrgt. 3/27 At [?] asks steam pipe castings and valve to be made of comp of cast steel 3-29 To--Plan arrgt. 3/27
✓ 218714	3-17	LY	1st expansion joint: plan.D To--Plan arrgt. 3/31
223241	4-11 4-17	NY C&R	Sea connections: plan.D. Fwd C&R--4/26 C&R - fwsd prints 5/26 D Fwd C&R--6/4
✓ 235705	6/26	LY	Expansion joints and casings for steam pipe fwd prints D To--gives file numbers to plans. 7/2

Number.	Date.	From or To—	Subject.
246090	8/25	NY	Steam pipe - amended plan, twds D
249378	9/15	NY	Main engine injection fittings - twds prints. D To—Plan assigned file number. 9/22
252987	10/4	NY	Exhaust valve and escape line - twds print of with arrangement - D No—Plan appd with modifications. 10-17
253747	10/8	NY	Frost and feed water piping - twds prints D No—Plan appd with modifications. 10-22 NY - twds print 11/17 D No—Plan appd. 11-30
266223	12-8	NY	Exciter and auxiliary exhaust, connections to main turbines and condensers; twds prints. D To—twds prints 12/20 To—twds prints 1-10 To—twds corrected plan for plans. 5-13
289102	3/12	NY	Details of expansion joints, fittings and valves for main steam piping - twds prints - DR To—twds prints 5-13 To—twds prints 5-13

Number.	Date.	From or To—	Subject.
647119	10/25	Exp Sta Test 1871	Main report on test on defective copper metallic hose received from CO CALIFORNIA To DR- Gives action taken re: samples of metallic hose cc Annapolis 11/4 acq. Fleet- CO has ship defective copper metallic hose to Exp Sta for test. 11/23 DR To O-I-C Annapolis- 12/11
648076	11/2	Insp'r B&W	Copy of letter to M.I. fwdg list of finished tracings of oil burning apparatus D
65			

CALIFORNIA FUEL OIL APPARATUS

Number.	Date.	From or To—	Subject.
617200	2/29	To Pug Snd	Centrifugal Separators for fuel Oil system— ins. in 1000 lbs section taken rel cc CO C-1-C Pacific Fleet—Squad 4 To Pug Snd—Taddy to install small tank 8/10 Db cc C-1-C Pac Fleet N MEX.
622414	5/4	M.I.	Addition of oil burner sys. Estimate of increased cost D To MI JOINT Estimate apvd 5/23
627514	6/4	CO	Request shipping data covering impellers for oil burning instln Y
627609	6/5	M.I.	Filling and suction fuel oil system. also fabrication system. Asks cognizance of D To MI—rel instln of pneumercator system 6/20 here 121. Gives division of cost. 6/9 D C&R 8/26—Fwds letter from M.I. rel to weights of fuel oil piping and pneumercator SD Fwds C&R 9/8 Db

Number	Date	From or To	Subject
630146	6/9/20	Eng Sd CER	Installation of hydraulic gasoline storage
63 0784	6/28	I	Call. att. also gov. in cost for increasing heating & steam station 2011 in To Mr. J. J. O'Connell, 7/14
618166	7/5	To Eng Sd	Fixed oil heaters for firerooms. Do Y
644534	9/22/20	CO Fleet	Call attention to defective flexible copper metallic hose. Fwd sample Y To Co of Eng Sd. Rq. info if not safe 10/13/20 Exp. Sta. 10/13/20 Eng. Sd. gives name of contractor - entire increase as to California 10/25 To Mr. J. J. O'Connell - comments 11/1 To Mr. J. J. O'Connell - insps action apud 11/18

Number.	Date.	From or To.	Subject.
356038	10:4	Ins. B&W	Req. size of oil burners.
362520	12:7 1:1	Mare Is. C&R	Stuffing box fws print D
360094	1/7/19	To NY	Asks fwd prints for battleships MARYLAND and WEST VIRGINIA - NY copy of letter Ins. NPN fwding prints 1,14
408115	3:15	C&R	Copy of tel. to Mare Is. approving use of seigelite packing for fuel oil piping D&R Mare Is. copy - req. auth. to purchase locally supply of seigelite packing for fuel oil system of D&R 3:13 To Mare Island (T)-Seigelite for fuel oil system appvd. 3-15
556051	3:30	M IS	Request auth to instal Elliot fuel oil strainer in a horizontal position-fws prints.D To MI Plan appvd 4/14

592-16: CALIFORNIA; FUEL OIL; IMPELLERS;

1922

Number.	Date.	From or To	Subject.
609792	2:25	To S&A	Impellers for fuel oil for-regn made pro- prietary, Dp
615424	3/22	TI	Addition of oil burner control system estimate of increased cost. Dc To MI estimate apvd 4/6
60069	4/20		
4/19	Exds S&A		"Hardite" Impellers for fuel oil burners of the Cuyama Design for the CALIFORNIA BH
620564	4/19	CO Rec Mfgct	Ref to allowance of metallic connections to atomizers for oil burning apparatus MI 5/6 CC 6/2 Asg when delivery may be expected X To CO- for shipment of material 7/15

CALIF. ENR. : FUEL OIL AP.

Number.	Date.	From or To—	Subject.	
206837	12/22	B&W Co	Submits quotations on mechanical oil burners and registers; fwds print	5-2-10
217142	3-7	B&W	Oil burners; fwds plans D. To—Plans appvd. 3/14 To M. Is. — Boilers on will be equipped with Peabody system of oil burners. 3/14	
223999	4-19	B&W	Oil burners; fwds plan for proposed arrag. A To—Plan appvd. 4/30	
224336	5/8	B&W Co	Oil burner apparatus — fwds prints and calls attention to their new scheme D To—Comments nn. 5/12	
227926	5/12	To M. Is.	Asks if extension of time for delivery of oil burners and registers for until Jan 1st, will delay completion of ship. D M Is — Extension of date of delivery of burners until July 1st, 1918 satisfactory 5/21 D	
228655	5/2 5/7	B&W Co M Is	Fuel oil burning apparatus — asks when will be actually required in connection with making latest improvement D To S&A—Reqt. contr 429 be amended to call for delivery on July 1st, 1918. 6/22 RB 5-25 Fwd S&A—5/26	

CALIFORNIA: FUEL OIL A.P. 592 --16

Number	Date	From or To	Subject
246228	8/30	To NY	Fuel oil booster pump discharge to deck. Instruments re installed of. D
264943	10-14	NY	Fuel oil piping: diametric arrangement; Two-Plan app'd with modification. 10-29 NY - Two plan of fuel oil service piping 11/19D Two-Plan is app'd. 11-30 NY - Two plans 11/6 D. 2-9 NY - Plan app'd. 2-25
266223	12-12	To NY	Exciter and auxiliary exhaust, connecting turbines and condensers. Plans app'd. D to main
287999	2/6 2/9 2/28	B&W NY M I B	Oil burning apparatus - Two plans - D to more steam. Plans app'd. 3-19
261604	5-13 12/8 1/2/8	Time Is Resp Phila Ins. Phila	Set status of fuel oil heaters connect with oil heaters. Action 11:21 To re-delivery fuel oil heaters. 12-7 To inspect this. First inform re above. 12-7 Ins. 12:10 To insure 12:10-Heats ascert. in probable date of delivery of fuel oil heater for 12-23 To make re. advises del of oil heaters re expected 1/21/19 1/2/19

CALIFORNIA: HIGHWAY TOOLS.

Number.	Date.	From or To—	Subject.
529636	11:11	M IS	Gives cost of providing boring bars for shop equipment.D
531662	11:20	M IS	Addtl work shop equipment est of inc cost.D
574470	7:11	M IS T	No emery grinder has yet been furnished by NY regt instrns.D To LI Gives Comments 7/13 M IS-7:27-D To Comdt LI - No permanently instld tools supplied 8/6 to cc Comdt LI
584266	8:30	M IS	Change in trolley tracks of work shop-submits estimates.D
595329	11/15	To S&A 9170	Reest shipmt of Artor Press from Hamp Rds To CO Rm Y 3/30/22 To CO Ask if shipment recd 3/22 To Material Rm Y 5/29 Y
596996	11/16	CO	Fwds copy of expenditure 36/22 cov electrical pocket tool kits - recommends be approved. L To CO expenditure appvd and returned 11/29

Number.	Date.	From or To—	Subject.
620598	4/27	TO MI JOMT	Change Blower for Exhausting fumes from force and furnace in blacksmith shop D approved
9586	5/31	To SEA 325	Repts shipment of 1 ctn from Hamp Bds to USS CALIFORNIA R D C&R 706

[over]

4-382

CALIFORNIA: MACHINE TOOLS

1910

Number.	Date.	From or To	Subject.
393182	2-6	Inspr N.L.	Fwds copy of letter dated 1-25 Fwds tool equipment plan D
1221	8/19	To Cat M Tel	Are all machine tools ordered for battleship CALIFORNIA delivered and in store R 705
1221	9-10	Mare Island	Relative to using lathes of the USS CALIFORNIA 629
446665	9/13	Mare Is	Request for drill presses for use in section with electrical on titles 615-7
4748634	2:7	C&R	Copy of letter to M IS fwding prints showing location of CPO quarters and elec workshop D&L
486746	4:3	M IS	Request elec arc welding outfit with necessary connecting cables ~~instat~~ etc be added to allow list D To M Is- Reqt disappvd. 4-12
524050	10:12	M IS	Proposed change in general workshop-fwds print showing D To M: Plan appvd 11-3

CALIFORNIA: MACHINE TOOLS.

Number.	Date.	From or To—	Subject.
217596	3-10	SEA	Lathe: contract 2615: asks probable date when it be required in connection with shipment.
305670	E-11	Slipp Machine Co 1	Drilling machines and spares on contract 2625 ready for immediate shipment - contract calls for July 1st shipment but request June 1st shipment - will ship by freight unless authorized to ship by express. to look- fnds copy of above telegram. 6-14
255672	2/20	Tramp 111	Drilling machines and spares on contract 2625 ready for immediate shipment. of
255670	2/20	Tramp 111	Drilling machines and spares on contract 2625 ready for immediate shipment. of
NY-5687	8/5	Insp'r Brook	One cornice ship to Nare 12/25 for Calif and one to NY for Tennessee 629

CALIFORNIA

PUMPS

1922

Number.	Date.	From or To—	Subject.
/615423	3/22	MI	Instln of fuel oil booster pump discharge to deck- estimate of increased cost. To MI- Approvs estimate 4/4 Dm
/615431	3/21	MI	Instln of centrifugal safety regulating governors- on fuel oil service pumps- estimate of increased cost. JOINT — To MI Estimate approved 4/6
618376	4/3	OO	Reports salting of boiler thru stopping of condensate pump caused by malicious or careless act in pulling out switch on engine room switchboard- recommends that all circuits of auxiliary pumps be fitted with pilot lamp on board in main control room. 12 Pumps- and switchboards 12 Fwdg Opns 5/8

Number	Date	From or To	Subject
620405	5/27	To Pug Snd	Motor Driven feed pump for port use- inlet in of gives action taken cc CC- O-I-G Pacific Fleet-Squad 4-CAR DP L To Pug Snd-Rint cc CC 6/9 ug-Jd. 7/27-Battery storage for feed and fuel oil pumps. 7-28 let- reg. action. D-I To Pug Snd (T) plan ahead cc CAR 8/4 Pug Sd 10/4 T recommends approval of arrangement of storage battery on CALIFORNIA be followed for LUGSSSE L To Pug Snd (T) Grants entry 10/5 oil Motor Driven Fuel service pump for port use- inlet in of gives action cc CC- (T)-G Pacific Fleet-Squad 4-CAR DP L
620617	5/27	To Pug Snd	

N.S.E Form 134.

CALIFORNIA: PUMPS.

Number.	Date.	From or To—	Subject.	
Y 423116	6-4	Insp MPN	Condenser equipment for condensate motors— Fwds prints. D To Insp NNA- Plans appvd with comment 6-19 N Y Fwds drawing 6-30 to I.M. NY- Given detail comment on plans 7-15 Copy to Insp Westinghouse. Insp NY- Fwds prints 8-8 Insp PR 8-27	46-B-19 46-B-19
465273	12:23	NY	Omission of 4 hot well pumps on request action on deduction from estimate covering D to I.M. NY Fwds corres 12-27 copy to Insp GE.	
501261	5/27 8/8 8/19	Insp R 13 NY C 13	Condition of gear oil pump to main turbine slact- submits estimates. D	892-9
504949	7:7	M IS	Copy of letter to NY requesting complete shipping data covering panels and boxes for submersible pump control system. L	
511486	8:12	SOL <i>Ward</i>	Fwds copy of Dept's order appointing Bd to hold preliminary trial. D	
52179	1/24	N.M.	Fwds prints and specifications cov electrical 629 suppl for lubricating oil pumps for CALIFORNIA. S	

CALIFORNIA PUMPS

121

Number.	Date.	From or To--	Subject
54735			To II MY Plans and scenes aipad with Mod seed file No 2/15/21 NY-rads prints and scenes covering also equipment for lubricating oil pumps-4:18 MI-drainge pumps made plans & scenes-4:18 To II MY Plans aipad aipad file 4/25 Reet prints showing standard matching for motors for lubricating oil pumps-6 to electric dynamo co rads scenes 6/27
547114	6:21	Electric Dynamic Co	Production? Fuel oil service pump change in direction of - counter claims inc cost - contract 28280.D&S Kinney 00-protect against M 15 charges-9:16-K&D R&D 10/30 HR 10/12 K Lubricating oil pumps-motor driven-rads test Report t.D&S&L
584086	9:2	Insp'r M11W	Copy of letter to Kinney Co contract 28280 pumps-D&S direction of reduction of fuel oil
585531	9:14	SEA	Change in size of reserve feed pumps and addition of suction from aipad to estimate aipad 4/6
614753	3/15	LI	JOINT--

Number.	Date.	From or To--	Subject.
332170	7-14	Insp'r Beth.	Fwds test reports for circulating pumps and pump operations for. S.
332174	7/15	Insp'r Beth.	9 photos of boiler feed pumps. 12 photos of 332175-19
332176	7-30	Insp'r Bethlehem	Fwds test data on oil cooler circulating pumps manufactured by Cameron Steam Works D&S
332175	7-30	Insp'r Beth.	Fwds test data boiler feed pumps from Cameron Steam Works Co. - D&S
1 349330	9-17	NY	Fwds plans. To NY. Plans listed approved, 9-30 NY Ask if Bureau plans assigned are correct To NY. Gives corrections for above 10-11
360090	12-5	To M Is	Fwds lithoprints covering turbine equipment for main feed pumps. Db

CALIFORNIA: PUMPS

1918

Number	Date	From or To	Subject
378411 ✓	12:11 12:17	Ins. GE NY	P prints twed showing outline and sample of motors for dynamo and circulating pumps D To IY- approves GE Co plan r dynamo condense pumps for with comments on- 1/7/19 NY 4/26- twds prints - To NY- approval of GE plans 5-6
360219	12:24	NY	CALIF. cont. 1066 air ejector for main and dynamo condensers twds prints D 0- Lists plans aird with comments. 1-17 NY relative to condenser panels 2:25
380320	12:2-	NY	dynamo control circulating pump twds report on test together with curve sheets D
359980	5/5	NY	Motor driven forced lubrication pump - twds print.
422862	6:3	Alberger Pump & Found. Isiahm - twds. Lichner. 7-10	twds, tracing with detail contents covering dynamo circulating pumps for D to- Lichner prints to be executed instead of original tracings. copy to Insps GE Alberger Pump Co 6:27 Insps GE 7/8- twds prints GE dynamo condenser circulating pumps. D

CALIFORNIA: PUMPS.

1918

Number.	Date.	From or To—	Subject.
285572	2-27	NY	Pumps for forced lubrication-fwds prints. D To- Plans appvd. 3-14
✓ 289107	2/26 3/13	GE NY	Main circulating pumps manuf by Allberger Co- fwds test records - D To- Will accept pumps on test already conducted. D 3-15
295219	4/3	NY	Authorized lubrication pumps - fwds plans - LR To- Lists plans appvd with modifications. 4-8
295218	4/3	NY	Calibration pump-dynamo condenser circulating - Detailed plans - fwds - LR To NY- Plans appvd with comment. 4-10
28693	5/8	M P Davidson	Request authority to shp pumps for California to NY - D
✓ 286290	5-10	NY	FWds prints of Allberger Pump & Condenser Co plans of assembly and details of dynamo condenser circulating pumps. D To NY Approving plans and details of the dynamo condenser, 5-18

USS

629

CALIFORNIA: PURCH.

592 - 19

No.	Date	File	Ex.
310396	5-28	Fwd SAA	Be contracts with J. E. Harrison Co for pumps for a JAMES H. HAN
310743	5-31	To N Y	Approving drawing list for the Main Generators D
313458	6/4	C.A.	1. ~~REVISIONS~~ - COPY of letter to Mr. J. H. Davis on account of change of material of pump cylinder liners from monel metal to Colsonite G - D
311976	6-14	To N Y	Plans showing outline of generator approved, D
316961	6-20	NY	Force lubrication pump motor - Fwd print - D To NY, dvr. approved, 6-5
321800	7/8	NY	Force lubrication pumps - Fwd various To NY, dvr. listed approved, 7-15
1305 NY	6/17	Maine Island	Pump governors for 2 1/2 & 3 LIFOR - 629 NY received 2/14 N.S.

CALIFORNIA: PUMPS.

1917

Number.	Date.	From or To--	Subject.
221663	4-7	NY	Main circulating pump; detailed plans; fwds.D To--Plans a: pvd.4/18
224261	4-21	NY	Gives circulating pump outline; fwds plan.D To--Plan appvd.4/30
✓ 225526	4/28	NY	Dynamo condenser circulating pumps; fwds prints and details.D To--Plans appvd.5/7
229300	5/19	NY	Pumps dynamo condenser - fwds print D To--Plans a: pvd.5/29
230975	5/28	NY	Oil cooler; circulating pump - fwds plans D To--Plans appvd with comment.6/5
✓ 240362	7/24	NY	Lubricating oil pumps - fwds prints D To--Disappvs.6/8

CALIFORNIA: TUES. 592 - 19

Number.	Date.	From or To—	Subject.
241509	7/31	Eng. Sta. TWP 066-A	<i>To Pitts. Auth accept. 8/1</i> <i>ump shafts S</i>
244402	8/15	NY	<i>Circulating pumps for lubricating oil coolers -</i> <i>twds prints D</i> <i>To - Plans apvd. 8/24</i>
245687	8/23	Cincin	<i>2 - EXAMINING centrifugal pumps - twds report</i> <i>on inspection of D</i> <i>To - turn 1 cept. 8/28</i>
246291	8/26	NY	<i>Wain and dynamo condenser and oil cooler</i> <i>circulating pump - motors for - request action</i> <i>on their letter of July 10th, not recd</i> <i>To - Recd duplicates of original. 8/30</i> <i>NY - twds prints J 7 - I</i> <i>To - Plans apvd. 9-18</i>
270423	12/27	NY	<i>Pumps - outline of forced lubricating oil -</i> <i>twds prints - D</i> <i>To - Plans apvd. 1-10</i>
278909	2-2	NY	<i>To - Plans apvd with comment. 2-12</i> <i>Dynamo condenser circulating pumps twds prints. D.</i>

CALIFORNIA: PUMPS.

Number.	Date.	From or To	Subject.	
194800	7/26	NY	Motors for main circulating pumps; fwds plans. DR To—Appvs with modi, 8/8	
195722	9-7	NY	Pumps; rean submitted involves change in specs; rect action on omitting condensate pumps and installing air pumps	573-19
202798	10/18	NY	Main air pumps; will forward requisition for increased size	573-19
203053	10/21	To M. Is.	Main air pumps, change in size of. Bu has auth change. Gives changes to be made in Special machy specs. D	
250	11/9	Worthington Co	Boiler feed pumps; relative to speed, water rate, etc	706
206010	11-18	NY	Main circulating pumps; plans. D To—Plans appvd with comment and modi. NY fwds revised plans 2/27 To—Plan appvd. 3/9	11/29
209618	12-12 12-22	GE NY	Lubrication pumps; relative to change in sizes. D To GE via NY—Appvs change. 12/27	

Number.	Date.	From or To—	Subject.
212245	1-22	NY	Circ pumps after dynamo condenser; twds plans.D To--Plan apvd with comment. 1/25
212125	1-19	Alberger Pac Co	Main circulating pumps: twds sketch showing changes to provide for 28" suction and discharge. To NY--twds sketch showing proposed arrest for comment. 1/24 NY can arrange to install pump dimensions Twds oil pump: twds plan. D To--Plan apvd. 1/31
212800	1-27	NY	Relative to type of centrifugal wtp.D
214141	2-2-16	GE CO	Dynamo condenser circ pump: twds Alberger plans.D To NY--Plan apvd with comment. 1/25
214958	2-13	NY	Main turbine bearings: proposed duplicate type.D. To--Plan apvd. 2/26
217679	3-12	NY	
218134	3/14	NY	
220211	3-28	GE	& HAT LAMP: 4852 VIBRATION; forced lubrication pumps; request official information relative to duplicating GATIF for MD and W.VA. D To--Plan apvd. 1/7

CALIFORNIA VALVES

1922

4

Number.	Date.	From or To—	Subject.	
643538	9/16 9/28	CO Pacific Fleet	Gives reasons why stop valves were substituted for unloading valve main turbine and 300 KW packings. D	592-9
836312	FROM JARED #3		American Steam Engine Valve Co. - Request defective floats be ret'd. 10/16 To American Steam Engine & Valve Co. - shipment of defective floats 10/20 To CO - Gives disposition of defective floats 10/21	

CONSOLIDATED SAFETY VALVE CO.

Number.	Date.	From or To—	Subject.
✓ 356301	8/10	SAA	Safety valves for main boilers - recon. ex. s that valves purchased against the Crock Co's acct - SAA
✓ 356300	8/20	A	Copy of letter to Consolidated Safety Valve Co. valves for - 200 of with 100 of - valves safety
✓ 3561032	9-12	SEE CARD #2	Fwd S&A D Fwd S&A 9-12 NY 9-14 4 inch valves order for each boiler To NY, re safety valves for main boilers 9-18 To S&A, re safety valves for main boilers 9-18 NY fws. prints 10-19 D To NY, re safety valves for main boilers 1-20
356606	10/7	Ins GE	In comm w changes in drawing of valve casing as to be - service machine 811-1151 592-9 as
✓ 358671	10-12	NY	Relieve valves for 300 KW exciter exhaust fws prints D3 To NY, approves above 10-21
✓ 361827	10/23	Hartford	Safety valves Consolidated Safety Valve Co - no shipments made - R

SEATBELT VALVES.

Number	Date	From or To	Subject
416772	4/26	Harve Ia. - NY. 5/6 - R B 5/14	300 KW turbine tests data in connection with tests. 5/16 copy to I M N NY
440972	8/19	NY	Arrangement and details of safety valves bearing gear - two prints - D to NY - plans approval 9/3
449173	9:27	M IS	Submits proposed change in valve operating to conduct tests. Proposed change in valve operating gear is authorized. 10-6 copy to I.M.N. D
530734	11/16	Same Island	Letter of cut out valves with operating gear in tests and quality of tests estimate of increased CO ₂ in tests
636312	7/19	CO MI 1922	Failure of steam traps due to crushing of ball bearing floats - two sample with report. DX to American Steam Gauge and Valve Co. - Requests comment 8/19
TO CARD	7/31		Schaeffer & Budenberg 8/22 Request floats be shipped to Boston plant. D American Steam Gauge & Valve Co 9/30 Will make new trap mechanisms D to American Steam Gauge & Valve Co - new floats will be furnished without expense to Govt 10/6
			to American Steam Gauge & Valve Co 10/10 D Govt bill of lading unnecessary 10/14 D to Boston - floats for steam traps 10/14 D

CALIFORNIA: VALVES.

Number.	Date.	From or To—	Subject.	
✓ 231914	6/2	NY	Sea valves - fwds plan of arrangement D To—Plan appvd. 6/9	
✓ 236515	6/30	NY	Assembly of 8 inch spring loaded back pressure fwds print D To—Plan appvd. 7/10	
✓ 244401	8/15	NY	8 inch back pressure valves - fwds prints D To—Plans appvd. 8/24	
259949	11/9	NY	8 inch back pressure assembly - fwds prints - D To—Plans appvd. 11-16	
✓ 265686	12/5	NY	Steam stop valves 12/5 D	
26207	5/28	Inspr. Mass.	Hqst shipping instrn for pump motors from GE Co.	629

Number	Date	From or To	Subject
271878	1/5	NY	Pressure regulator valve for 300 KW generator. Plans appvd. with comment. Valves - back pressure (6 inch) - assembly and details of - fwhs Plans appvd. 1-24
270424	1-31	NY	Valves 11 in. Auxiliary exhaust cross connections Plans appvd. 2-12 Valves - fwhs modified plan. D 2-27 Valves - forwards prints, showing arrangements. Plans appvd. 2-19
281105	2-9	NY	Special 6 inch valves for auxiliary connection to main turbine fwhs. fwhs prints. D Plans appvd with modification. 3-11 To NY - fwhs correct serial number for plan. 3-25 NY - valves - 6 inch special - fwhs plans - 4/8 DR
286200	3-6	NY	Supersedes previous plan 44-B-143. 4-15 To NY - Ass. file number and plan To NY - fwhs correct serial number for plan. 3-25 NY - valves - 6 inch special - fwhs plans - 4/8 DR
295221	4/3	NY	25 valves for main turbine exhaust line - Plans appvd. 4-10 To NY - fwhs correct serial number for plan. 3-25 NY - valves - 6 inch special - fwhs plans - 4/8 DR
324597	7-15	TO NY	Emergency: on main turbine valve Plans appvd. 7-15 To NY - fwhs correct serial number for plan. 3-25 NY - valves - 6 inch special - fwhs plans - 4/8 DR
331032	7-31	TO NY	No change in design of safety valves for plans appvd. 7-31 To NY - fwhs correct serial number for plan. 3-25 NY - valves - 6 inch special - fwhs plans - 4/8 DR

1916

CALIFORNIA: VALVES.

Number.	Date.	From or To	Subject.	
197458	8/23	To Dept	Cutout valves in main steam and auxiliary exhaust lines between engine rooms; addition of	573-20
206587	11-24	Crosby Steam G&V Co NY fws sketch showing proposed modification in base castings of valves 1/19 To NY--Alteration satis. 1/26	Fws plans: request information relative to inlet & fitting, full bore inlet, etc. D To--Gives dimension which will be reqd. 12/2 Co relative to outlet flanges, 12-14 To--Plans as per inlet & outlet comment. 12/29 Crosby Co. returns without letter 1-10 Crosby Co fws 36 amended plans 1/9-12 To--Plans as per inlet & outlet comment. 12/29 Crosby returns 1/11-12 Rec locking device for main and bilge injection valves as submitted. 1/10 on 12-29 C&R fws plan 12-29	
209586	12/27	To C&R		
210707	12-30	Crosby Steam G&V Co	Safety valves; cont 27952p fws plans with comments on lifting gear. D	
211608	1-13	Crosby Steam G&V Co	Safety valves; impossible to furnish bodies and tops with class B cast steel; request a thority to substitute Comp G. D To Mass--Auth substitution in this case. 1/19	
211967	1-15	Crosby Steam G&V Co	Safety valves; neces ary to make certain parts of class C castings to give sufficient stiffness instead of comp G originally agreed upon. D To--Plans appvd with comment. 1/24 To NY--Fws prints. 1/24 To M. Is.--Fws prints. 1/24	

CALIFORNIA: VALVES. 592-20

Number.	Date.	From or To—	Subject.
212765	1-27	Mass	Adverse report on safety valves submitted by the Crosby SGT Co. Cont 27952.D. To—acknowledges. 1/31
212775	1-26	Crosby SGT Co	Valves: request authority to substitute high grade Carnegie bolt steel for material called for in specs. JD To Mass—auth use of. 1/31
218607	3/14	Crosby SG & V Co	Reports difficulty in obtaining class B steel: contractors request authority to use high steel valves made of Carnegie commercial steel. JD To Mass—auth use of. 1/31
223661	4/14	Crosby SGT Co	Cont 27952, boiler safety valves; relative to omitting base casting. JD To Mass—auth use of. 1/31
224 - 51	4/19	Mass	Contract 27952, valves and fittings; valves and fittings desired by Crosby Co. JD To Mass—auth use of. 1/31
226132	4/27	Exp Sta	Copy of letter to Crosby SGT Co relative to test of safety valves. JD
226789	5/6	Crosby NY	Main steam stopvalves; ends plans. JD To—plan appd with modif. 5/12

CALIFORNIA ALLOWANCES

1922

Number.	Date.	From or To—	Subject.
✓ 637849	7/28 8/7	CO Pacif. Fleet	Request allotment of \$300 cov alterations. Y
		CANCELLED See- 610958- 603	
✓ 639772	9/2	To CO USS CALIFORNIA	Change in allowance list on USS CALIFORNIA. 1a cc CO To Pug Snd- Asks when change has been made. 9/2 1a CO 9/11 Y Pug sd 10/11 Y To CO- Amendment of change- cc EO SO vessel Pug Snd- Mfr- SO 10/18
✓ 642600	9/5 9/16	CO Pac Fleet	Recommends small bulletin boards be added to allowance list Y Fwd C&R 9/29 C&R 10/5 Copy of action to CO Y

CALIFORNIA ALLOWANCES

1922

Number.	Date.	From or To.	Subject.
644850	10/12	To USG CALIFORNIA	Changes in allowance list Ya CO CO Eng and Ya
648762	11/14	To CO	Rel to changes in allowance list Go to Engineer and S O Galile - LY Eng. 3d.
650400	1/26/23	To CO	Give change in allowance CO CO HO SO Vas. HO HO Comdt Eng and LY

CALIFORNIA: ALLOWANCES:

Number.	Date.	From or To—	Subject.
569089	6-3		Request instrs relative to 1st 3- allowance list Y
			To CO Quotes from Dept Supply- NY let 6/21 6/24 Y
574034	7-2		Request instrs relative to 1st 3- allowance list Y
			To Comdt MI 7/28
575107	7-35	CO	Reqt Willard storage battery be added to allowance list Y
			To CO- Gives change in allow- cc SC 9/28
			To CO- Gives standard ratings 8/12 CO- Reqt batteries and spares for motor boats. 9/8 Y
579564	8-12	To CO CALIFORNIA	Change number 5- allowance list DY
581478	8/20	To RI	Directs that listed title "C" Articles be furnished- Ya cc CO M IS-fwds priced copies of invoice-10;7-Y
609605	2-18	To CO.	Change in allowance covering spare storage batteries for staff boats. 2/18

[illegible]

592-11

C LINGHIA ATTORNEYS

1920

Number.	Date.	From or To--	Subject.
533449	12-2	M IS	Request authority to change allowance list as regards chain hoist. Y To I I have list of charges in allow list no NO- M I I NO- M I vessel 12-10
500350	1/15/1	To II MI	Request authority to change allowance list as regards chain hoist. Y To I I have list of charges in allow list no NO- M I I NO- M I vessel 12-10
551812	2/11	MI	Request authority to change allowance list as regards chain hoist. Y To I I have list of charges in allow list no NO- M I I NO- M I vessel 12-10
558682	4/21	To MI	Request authority to change allowance list as regards chain hoist. Y To I I have list of charges in allow list no NO- M I I NO- M I vessel 12-10
559170	4/23	To MI	Request authority to change allowance list as regards chain hoist. Y To I I have list of charges in allow list no NO- M I I NO- M I vessel 12-10
504127	5/10	To	Request authority to change allowance list as regards chain hoist. Y To I I have list of charges in allow list no NO- M I I NO- M I vessel 12-10
564128	5/10	CO	Request authority to change allowance list as regards chain hoist. Y To I I have list of charges in allow list no NO- M I I NO- M I vessel 12-10

CALIFORNIA: ALLOWANCES.

Number.	Date.	From or To—	Subject.
✓ 264124	11-21	M Is	Request supply of allowance blanks. R To— Fwds copy allow lists as ~~exam~~ guide. 1-17 To— Fwds 1-17/27 copy appvd allow list. 1-17
✓ 277929	1-3 1-12	Navigation M Is. <u>VOID</u>	Relative to outfit R. Fwd Union via ER and Mare Island. 3-25 Fwd Sept. 4-6
✓ 310396	5/20 5/24	M. T. Davidson S&A	Fwds invoice covering pumps - D&K
436233	7-31-19	To I.M. Ny	Desires information re marks placed opposite various items in Allow Lists. Ya NY - 8/5
✓ 440794	8-21 1/26	To Comdt Mare Island To M Is. Fwds appvd lists. 1-20 copy to Ny. 1-20 NY. 1/26 To M Is. Gives changes for ther- mometers. 1-28 copy to E.O. & S.O. vessel and L Is. M IS-2; 27	Fwds copy of preliminary allow list. Ya M IS Fwds allow list 12-24 all gauges, thermometers, lifting and handling gear be furnished. 12-22 To I.M. Ny- Repts instructions be expedited. 1-3 NY-submits list of gauges thermometers and generator house. 1:16

CALIFORNIA: AIR COMPRESSORS

1918

Number.	Date.	From or To—	Subject.	
77	9/13	Diehl Co .	Motors for air compressors.	706
205527	11/14	NY	Cont 27764: air compressors; fwds specs, list of spares, etc	573-23
206987	11-28	NY TENNESSEE	& CALIF: air compressors; fwds plan and recommends certain changes in	573-23
		1918		
✓ 361120	5/29	To Mrs L.	Encl. copy of let. from Ingr. Westinghouse.	
		12✓		
365790	10-29	Inspr. Westinghouse	Fwds. Curves covering Arejector and condense equipment	
✓ 419485	5-17	Inspr Westinghouse	Fwds ~~curves~~ showing operation of arejector equipment D&S	

CALIFORNIA AIR CORP. 134

Number	Date	From or To	Subject
1068	5/29	Insp Westinghouse	Evid copy of letter of May 16th to Mare Island stating air ejector equipment of condensers for Cal ship 4-25 MS
426847	6:26	Westinghouse EM Co	Supplementary copy of letter to NY Reg, copy copying all records be rewritten calling for delivery Sept 15 D
			CANCELLED-entire on 407882-692-12.
	8/22	Insp Westinghouse (2)	Air ejector unit on N.Y. Contract 1068 and photo received.

CALIFORNIA GAUGES & INSTRUMENTS

1922

Number.	Date.	From or To—	Subject.
✓ 631087	6/28	M.I.	Submits estimate increase cost for installing thermometers in ventilating trunks D To M.I. Approved 7/11 Dn
✓ 631821	5/19 7/3	CO Pac Fleet	Fwds invoice of Pneumercator Co covg services of engineer on boat. Same not requested K Fwds Disbursing office 8/3
✓ 637003	7/17 8/3	CO MI	Fwds public bill cov final 10% payment on Pneumercator eqipt installed on. Recommends settlement. DK Fwds Disbursing office 8/28 RB 9/1 DK Fwds S&A 9/9
648710	10/27 11/2	CO Pacific Fleet	Submits report covering Jerguson water gauge cal. S&A. Fwds glasses meeting specifications be furnished D To Eng Snd. Regsta Inform 11/23 RE MI 11/11

1922

Number.	Date.	From or To-	Subject.
653299	12/6	CO	Ask when delivery of salinometer indi- cating outfit may be expected by To K.A. Host shipment of indicating outfit from PUG and to San Pedro 12/15 To San Pedro- Ask if shipment recd 3/6 BR 4/7

CALIFORNIA: TUBES AND INSTRUMENTS: 1920

2

Number.	Date.	From or To--	Subject.	
466446	1/3	To N Y	& I.M.C. - Pressure and Vacuum Gauges for installation . .	573-24
465110	1-8	To I.M. Ny	CALIFORNIA - Rearrangement of Elec Instruments on controlling room switchboard.	D 573-24
/ 471353	1:22	NY <u>VOID</u>	Rearrangement of elec Instruments on control room switchboard-fwds prints.L	
483106	3/22	NY	Elec Instruments on main board testing and terminal board propulsion control apparatus fwds prints. D	592-9
437731	4/3	Inspr GE	Ask if suitable indicators similar to those installed on NEW MEXICO will be purchased for Cal MD & N.Va. D	554-24
514890	9-2	To Inspr GE. To Gen Phil. reqst dup cc of report to be fwd To IL NY-11:20-D	Ask price at which can furn Stability Indicators CC IL NY MI 9-2 Insp GE-can mount on central panel-quotes price-9:16-D To Insp GE. Recst estimates be submitted CC IL NY 9-21 Inspr GE-fwds estimate-9:25-D To change apvd 9-28	

1921

Number	Date	From or To	Subject
540834 5	1/14	Ed on Managers, JR	Condition of two stability indicators - sent to G E Co via Inspr twds report apud 1/24
542962 1	1/20	W-13	Request Inspr relative to transportation of stability indicators - HB 12/3 B
			twd S&A 2/5/21 HB 12/3 B
			twd S&A 2/24/21
			S&A twds letter from Pneumatorator Co-219-B
			twd S&A 2/24/21
			S&A copy of action to Pneumatorator Co-219-B
			S&A twds letter in connection with bill of their engineer-318 or so to G&E-4
			Engineer employed under contract 330-313
			To S&A. Request Inform 3/29
575022	2/14	W-13	Request Inspr relative to transportation of stability indicators - HB 12/3 B
569045	2/28	GO	Request two clocks for distribution room be furnished - Y

CALIFORNIA: GAUGES & INSTRUMENTS. 592 - 24

Number.	Date.	From or To—	Subject.	
311081	5/26	NY	Fwds prints showing arrangement and details of revolution counters for main propelling motors - DA To E. V. ... To E. V. ...	629
313109	5/3	Pneumercator Co.	and TENNESSEE - request grouping on various gauge boards in order to complete ... of instruments D Fwd NY, 5-11 DE 5-13	
31813	8/15	Inspr Phila	Pneumercator eqpt for CALIFORNIA & TENNESSEE-con contractors rqst partial payment coverg	629
418722	5-14	New York	Requ cancellation of shaft revolution indicator system of schedule D	
3179	7/8	Mare Island.	Fittings for steam gauges for CALIFORNIA recd. 11-5.	629
440591	8;18	Inspr GE	Fwds copy of letter from GE Co in connection with method of attaching tachometer for turbo generator on CALIF MARYLAND & W VA To Insps GE- Desires that the tachometers for turbo-generators be attached to the generator ends of the units. 8-21	
NY-copy of letter		to GE-9:3		

1915

Number.	Date.	From or To—	Subject.
192006	6/29	To GE	Instruments for recording temperatures in generators in engine rooms: direct as installed as change in cost
202964	10/18	GE	Instruments for recording temperatures in generators and motors: estimate change in cost.
213367	2/3	N IS T	4 9 1 2 Fuel oil tanks; indicators: request instructions. (1) 91 indicators including hold time about 131.2/6
222771	4/13 4/6	GE IN	Graduations on gauges and thermometers. D TO V. L. H. G. M. S. R. G. L. 2/10
240968	7/17 7/27	GE X Yd	Gages, thermometers and tacometers furnished by GE Co - feds list and location D To Appas list with comment. 8/2
306843	7/20 9/6	GE IN IS	Quinn's ship instrument was Request omission of stop clocks on contract 572 in connection with instruments for California - D To GE - Extended date of delivery to be given 4, 1915 5-17

CALIFORNIA: RECORD OF WORK:

Number.	Date.	From or To—	Subject.	
604797	1:3:22	CO MEIVILLE	Quarter ending Dec 31st.Y	
604745	1:1	CO VESTAL	Quarter ending Dec 31st.Y	
606654	1:1	CO MELVILLE	Quarter ending Dec 31st.Y	
612556	3/2	MI	12/9/20 to 3/20/21. Y	
613426	3 ³ / ₁₃	MI Initiation	12/9/20 to 3/20/21.Y	
619625	4/1	CO	Quarter ending 3/31 Y	
632091	7/1	CO	Quarter ending 6/30 Y	

CALIFORNIA RECORD OF WORK

1922

Number.	Date.	From or To.	Subject.
✓ 646773	10/26	GO	Quarterly report of work. Y —

592-27

CALIFORNIA: SURVEYS

1921

2

Number.	Date.	From or To--		Subject.
590553	10/7	Comdt	1-C&R	Heating unit Y CANCELLED.
625272	5/9 5/18	CO Pac Elect	26-22	Vacum tubes Y to 6 ✓
635479	7/26	Pug Snd	3/23	Thermometers- Y
651199	11/17		14/23	Telephones Y
653164	5/2		28/22	Mirror Y

19

19

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CHARLESTON: MOVEMENTS.

1913

Number.	Date.	From or To—	Subject.
✓ 91969	3-5 3-7	Dept Justice Dept 26256-116-1	Reqt. permission to examine progress work reports on file in office of Insp. Machy. N Rwd NH for compliance 3/10. RB 3-13 Ret---3/14.
94234	4/5	To NH	Progress on machinery: fwsd statement show- ing monthly percentages, and requests cer- tificate as to correctness. N NH returns certificate. 4-7
168255	9-9	CO	Best recording indicated HP, draft of Vessel, etc. N To--quotes data 10/16

1915

CHARLESTON: ELEC: TRIC: PLANT.

Number.	Date.	From or To--	Subject.
✓ 232904	6/4	GO	Request alterations radio fire control voice tube alarm gongs and a motor generating firing set for six inch battery L Fwd NY--Gives action. 6/15 RB 6/23 Y
365492	11-1	NY	Charleston - gives list of job orders covering alterations L
518317	9:21	Pug Sd	Request remove and replace wiring in way of deck repairs. L To pug Sd action granted 10-9

CHARLESTON: ELEC. TRIC. PLANT.

Number.	Date.	From or To—	Subject.
38871	5/10	Pug.Sd 1692	Elec. work in connection with installation of coaling truck. L Fwd Dept via C&R. Rec appr. 5/16. RB 6-2 a'ppd To -- Appr. 5/29.
			1912
68901	5-11	Pug.Sd 2763	Reqt. elec. plans. L Fwd NN. for compliance. 5/25. RB 6-31
82402	11/12	C&R 27892-E.9	Necessary electric work in connection with installation of potato peeler. L To Pug.Sd. work appd. 11/14. C&R reqt. return. 12-12. To Pug.Sd. work appd. 12/14. Ret C&R. 12/14.
✓ 191317	3-4 6-16	CO Dept	1018 1913 Submits recommendations re changes in fire control, searchlights, control, radio. L Fwd Dept-- 6/27
230791	5/28	CO T Copy	917 Request changes in fire control and signalling searchlights in water lieu of semaphores while at Phila rd. L Fwd Dept via Gra--5/30

CHARLESTON: INT COM SYS:

Number.	Date.	From or To—	Subject.
520560	9:27	Pag Sd	Request instructions relative to fire control of ~~MISSOURI~~ on ~~MISSOURI~~ CHARLESTON SEATTLE CHARLOTTE and To-- Pag Smt- 10-5
527073	11:3	Pag Sd copy	Request authority to alter salvo system buzzers to conform to grouping of guns similar to that authorized for SEATTLE.L To Pag Snd (T) authd 11-5 Te Pag Snd authorizes 11-9 cc Ord- 60- Squad 2 Pag Fleet 11-9 Pag Sd-salvo sys regrouping of guns-fwd prints 2:26
528564	11:10	Ord	Instrns in connection with grouping of 6 inch and 3 inch batteries.L
565474	5:17	Pac Flt CANCELLED SEE 51509-629	Repairs to shaft revolution indicators.L

CHARLESTON: INT COM SYS.

Number.	Date.	From or To—	Subject.
244513	8/10	CO	Fire control system - reports on unsatisfactory condition of L Fwd C&R - 8/22
245717	8/1	CO	Alterations to ship service telephone L To—Lists material will appv reqn for. 9/1
251582	9/19	CO	Renew cable of steering telegraph - L To Bost—Work auth. 10/9
253925	9/17	CO	Incidental SE work in connection with C&R alterations to voice tubes L CO - 11/24 - L Fwd C&R-12-5
255393	10/18	Bost T	Fwd C&R—recommends that voice tube from fwd bridge be installed to after bridge. 10-13 C&R - & ST LOUIS - copy of instructions to Bost & Pug Snd - 11/14 Ship's service telephone worn out; recommends be replaced by Western Elec type phones. L To Dept - 10/22 RB 10/23 To Dept-10-22 Phone Boston- 10-22 To Boston (T)- Installation auth. 10-23

CHARLESTON: INT. COM. SYS. 153 - 4

Number.	Date.	From or To--	Subject.
257335	10/22	Bost	Confirms telephone conversation relative to ships service telephone - L
263843	11-24	CO	Install voice tubes between forward and after bridge. L
372890	11/26	Ports	Alterations to general alarm zone system - L Sigsbee approved 11-24
373593	12:1	Ports	Tel ask if vickers system in training only will be installed on 32 guns. L To Ports (T), will not be installed. 12-2
379866	12:21	Ports. & CO	Submits estimate covering electrical work incidental to change in location of guns. L To- Estimate appvd and work authorized. 12-24
384855	1-18	Fwd Ordnance	Broadside Director System. for Comment. L R B 1-26-19 To CO- Completion of broadside director system should not interfere with movements of the vessel. LI-30 Copy to Cr and Trans Force.

CHARLESTON: INT COM SYS.

Number.	Date.	From or To	Subject.
217427	3-8	C&R	Copy of shipment order for voice tube for fire control. L Pug Sd fire control installation; duplicate via C&R 4/7
204327	3/13	To Pug Sd	Reqt ests for regrouping salvo signals on 647
✓ 225427	5/4	NY	Salvo system - request shipping instructions L To Sd - Reqt shift of salvo material from NY to. 5/10
✓ 232627	5/6	CO	Alterations to fire control voice tubing and salvo system L To C&R - Recommendations. 6/11 P-P 8/3
233156	5/11	NY R	Request vandykes in connection with fire control. L To - Reqs Vandykes. 6/13 NY - request additional prints 6/30 L
✓ 233796	6/14	C&R	Fire control voice tubes L

CHARLES TOL: INT COM SYS.

Number.	Date.	From or To	Subject.
✓ 234892	6/6	CO	Alterations to fire control voice tubeing
	7/19	NY	and salvo system L Fwd C&R—5/28
✓ 240115	7/23	CO	Alterations - install voice tube as per sketch L Fwd C&R—7/25 P 8/5
✓ 240464	7/24	CO	Reports on status of standardization of fire control system L Fwd C&R—7/31 P 8/7
✓ 243568	8-10	CO	Reports on fire control system.L
✓ 244371	6/17	C&R Copy	Authorizes work L

1912

V1

Number.	Date.	From or To—	Subject.
60035	1/31	To Puget Sd.	& MILWAUKEE: Asks if work has started on changing fire control circuits: and progress made in removing old circuits. L
✓ 60145	2/1	Pug. Sd. T	& MILWAUKEE: gives status of fire control work. L (* to --- Auth. overhaul on MILWAUKEE cancelled. Other instructions. 2/2. Fwd Dept. request appr. 2/2. R 8 9-34 11
✓ 66898	4-16 4-22	Pug. Sd 2107 C&H 17084-E.26	Fire control: reports on status of work: work authorized and work propos. 1 to other with estimates. L To C&H. 4/26. 8113 4-20 Ret C&H. 5/1.
67683	4-26	Pug. Sd 2427	6 and 3" gun firing and sight lighting circuits: estimates. L Duplicates: 5-6 To --- Item 3 auth. 5/8.
✓ 69921	5-24	Pug. Sd 3118	Fire control system: asks if when Bu. desires work completed. L To --- Instructions. 6/1.
✓ 84199	11-23 11-29	CO Pug. Sd 7087	Fire control system: reports non delivery of buzzers and keys: are in store and will deliver if same are added to allowance. L Ret Pug. Sd. via S&A. additions. 12/9.
✓ 84574	12-2	Pug. Sd 2085	Fire control: fws prints showing system installed. L

CHARLESTON: INT.COM.SYS. 153-4

1913

Number.	Date.	From or To—	Subject.	
87832	1-7 1-11	CO Pug.Sd 7887	Reqt. installation of semaphores.L Fwd Dept. No change in installation rec. Fwd Dept. To Pug.Sd. disappd. 1/27.	1/21
90514	2/27	C.O.	New main engine teltele, etc	153--8
91076	1/11 2/15	CO C&R 1329E-2.158	Relocation of semaphores.L To Pug.Sd. appd. 2/27. Fwd C&R 2/27	
96125	4/30	Ord. 25384-7	Requests gun firing circuit be installed; gun firing batteries eliminated. To --- suggests individual gun firing storage batteries be furnished vessel.	5/7.
104352	8-20	CO	Helm angle indicators: re t. alterations incl. Fwd Pac. Flt. 9/8	
✓ 113217	12-15	CO	Change markings dials eng room telegrapha.L Fwd Fur.3d. appd. 12/24 RB 1 7	
137741	GO 10 15 10-23	CO C&R 27892-E.33	Change voice tubes.L Fwd C&R-- Comments on. 10/27 Fwd C&R-- 12/2 Fwd C&R-- Recommendations. 3/11	1039
159489	6-26 7-1	Pug.Sd Ord	Elec work in connection wity Chase hoop locking rings on guns. Fwd Dept--Rec appvl. 7/2	
204327	2/14	Fwd C&R	Rec re voice tube material for.	647

ON RESISTOR, LIGHT AND POWER:

Number.	Date.	From or To	Subject.
531492	11:27	Pug Sd T	Request authority to install truck and screened speed light on.1 To Puget Sd Tel 11/30 To Grims assigned 12-2 Dept-approves-12;7

4—3891

CHARLESTON: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
✓233053	6/5	Phila	Search lights - confirmation of telephone conversation 6/5 L
300171	4-22	Charleston Copy	Requests additional information in connection with dynamo engine. L To (T)-CO (T)-By will order material listed delivered to NY. 4-23 To CR (T)-wire time and price delivery express by parts 100 lbs or less collect freight at 5 times SE Phila E-335 finished 2 each 1/2 in E-325 high pressure eccentric straps. SE (T) 100 lbs or less collect freight at 5 times To Chas= Fwd's copy of reqn 860 5-2
> 400157	2:18	JO	Req. additional elec. light D To- Reqt app. v. 3-10 copy to CR & TR Force and I.E. New York.
CHASN 140	4-8	To S&A	Asks searchlight removed from CUSHING repaired and issued to CHASN L-R
SE 140-19	4-24	Fwd SA ^h	Reqt approved 4-8th. R

153 - 5 CHARLESTON; LIGHT & POWER

1919

Number.	Date.	From or To—	Subject.
419567	5-18 5-14	Chaslin New York	Reqn 30" high power lamps be held at yd for time being. To S.O. Ny- Lists parts of searchlights to be shipped to Boston. copy to S.O. Boston and CO. 5-20
432980	7:15	JAG	Report of Bd Investigation to inquire into damage to dynamo generator engine No/2 on board.Y Dept 7-17 Fwds JAG's report covg damage of dynamo generator #2. Y Fwd C. rations. 7-12 Fwd Navgn. 7-21
521940	10:4	Pug 3d	CO Requests overhaul all power circuits in coal bunkers.L To Ing Snd authoriz granted cc CO 10-13
522564	10:11	CO	T Request authority for yard to convert six 150" power 12 searchlights to arc high power.L To CO (T) apprd 10-12 L.
525602	10:32	Pug 3d	CO requests replace temporary lighting in storeroom- submit estimate.L To Pug Snd apprd cc CO 11-5
527249	10:29	Pug 3d	CO requests complete installation of motor generator main firing system-submit estimate.L To Ing Snd authorizes 11-10

CHARLESTON: LIGHT & POWER.

1913

Number.	Date.	From or To—	Subject.
97032	5-6	CO	Install extra lights in GSK storerooms. L Ret---via Pac. Res. Flt. approved. 5/13. n
103605	8-11	CO	Dynamo engine: fit packing to valve stems. L Fwd Pug. Sd. for action 9/2
103715	8-15		
173357	12-8	To CO.	Mazda lamps; suggestions as to style to be used. L
195855	8-10	To Pug Sd Via CO.	Generating sets: raise all 100 K.W. dynamos so that they will not carry over oil; submit estimate for work. L CO impossible to raise with distance pieces 8-23
197425	8-5 8-18	On At Sub	Fwd sketches and reports on different methods tried out for charging batteries with present elec plans; request instructions. L To--Instructions. 9/1
198341	9-7	Fwd C&R.	Alteration to dynamo room; recommendations. 9/7 To CO-- 9/7

CHARLESTON: LIGHT & POWER. 153-5

Number.	Date.	From or To—	Subject.
201713	9-23 10-6	CO At Sub	Modification of generators for charging submarine batteries. L To CO—Reqd information on changes in 100 K.W. Gen. Sets. in order to operate in a series for charging sub storage batteries. 10/11 G. necessary to install motor generator booster in order to get require voltage for battery charges 10-24 To CO—Directs tests be made with 100 KW sets and report be furnished. 10/30 Chasn reports on test made 11/24 To CO—Comments en. 12/12 CO finds sketch; makes recommendations for arrangement of generators 1/15 To—Sketch not entirely satis. Comments. 1/30 CO (R) charging panel; cannot be installed; as per plan; comments 2-27 To CO—(T) Appvs install as specified. 2/28
1917			
230346	5/9	CO	Request early delivery of signalling search lights L To S&A—Reqd shipt of signaling searchlight from NY to Phila for. 5/29
231832	6/4	CO R	Request transfer of 2 signal search lights from some other ship L

FILE No.	From or To (Dated)	Subject	
29030 1/13	Dept	& ST LOUIS: illumination sets: no longer supp'd	383--5
50839 10/7	Pug.Sd.	ST. LOUIS: MILWAUKEE: illuminating set; Bureau directed omission; allowance list called for; reqt instructions.	383--5
		1912	
61893 2/14	Pug Sd	Estimate for lights in Battle dressing stations.	153--8
85306 12-5 12-12	CO Pug.Sd	Repair armature No.4 blower. L	
		1913	
86374 12-24	CO	Gen set: reqt. renewal of brush holders and relief valve. L	
88689 1/22	Pug. 3d	Parts for gen. sets, reqt.	153--8
89566 12/2	C.O.	CHARLESTON: repair charging panels for batteries	153--8
✓ 91596 2-27	Pug.Sd	Battery charging panel: asks source of supply. L To--- will order one on recon. 3/7. --- Reqn cancelled: request correct form M.S.E. 31. "Elec. Plant Data". 3/20.	
93851 3/10	C.O.	Raise cylinders-gen. sets, etc	153--8



N.E.E. Form 134.

CHARLESTON: RADIO PLANT.

Number.	Date.	From or To—	Subject.	
V 424012	5-20 5-5	CO Atlantic Cruiser	Reqst install connections of copper tubing as listed; renew arc controller from bulk-head, etc. o l. i. - Repts inspect and overhaul the arc set when vessel is next available. copy to CO and Comdr CR. Force. 5-11 o l. i. - Repts install radio cable on permanently. 6-12 copy to CO. RB 7/10	W 5-11
424244	5:27	CO	permanently install radio telephone set and charging panel for same. o CO - set arrived. copy to Comdr CR & CR o Comdr CR - 5-12 o Comdr CR - Lists material auth to be drawn from stock. 7-15	
472347	1-29	To CO CANCELLED SEE 153-7	Hydrophone apparatus on. Advise disposition made of deal type oscillator. W	
499502	5:14	Pac Des T copy of action to Pug Sd-1-27	Request authority to draw radio apparatus listed from store for vessel has been assigned for duty as flag ship. To Opens Reqst datld inform CC Des Squad Pac. 6-1 Dept-6:19-W To Pug Sd (Tolson) 6-23. Pug Sd-T amplifiers not available 6:25-W To SGA. Reqst shipment of apparatus from PALL to CO 3506 7-6. RE 11/23 Pug Sd-submits estimate with prints covering installation of inter fleet transmitter and telephone-7:15-W Sga-copy of action to PSB -9:27-W To Pug Sd via SGA. advise cc Des Fle-0-1-0 Inc Fle-0-1-0 Inc Sd-1-27-10:23	6-1 -15

Number.	Date.	From or To—	Subject.	
505012	7-14	To SEA	Request of apparatus from Washn to CC 3679 W	HB-12:18
Pug Sd-12-27-W			Pug Sd-reqt copy of reference-9;9-W	
To Pug Snd anthd	cc 60 1/5/21		To Pug Snd Fwds cc of shipt order 7/14/20 5-17	
510476	8;3	Pug Sd	Chasn main radio room-plans and estimates-fwds.W	
			To— Comments on 8/20	
			CCR-copy of instrns to Pug Sd-8;27-W	
			Pug Sd-T-require \$2050.K-8;31	
			To Pug Snd addnl allotment auth 9-2	
			Pug Sd-asks if uni-wave signal system to be installed.9;15-W	
		(T).	To Pug Snd appvd CC CO 9-28	
515954	10/21	To Puget Sd T	radio material shipt Sept 7th trading 13672 via VOICAN to Puget Sd 17 FEB. W	919
528217	11;8	Pug Sd T	Request shipt of a 1 from Washn to CC 4872 W.	
			Ask if entering in insulators for main antenna are to be sent in metal or in bakelite slab.	
			To Pug Snd (T). Instl main antenna insulator in bakelite slab similar Div 6 11-9	
529466	11;15	Pac Des T	Request pug Sd be directed to install radio telephone in main radio room.W	
To Pug Snd (T) appvd cc Pac fleet			To Pac Fleet (T) gives detld in Fort. 11-17	
To Pac Fleet (T) gives report from 7d re status of tel cc			Pac Des-T-request instrns-11;18-W	
Pug Snd 11-26			To Pug Snd (T) gives instrns cc forward 4- CC 11-20	
Pac Des-T-request instruct pug Sd install telephone in main radio room-1;29-W			To Pac Fleet instrns appvd 1-0	
			Pug Sd-recommendations-11;24-T	

CHARLESTON: RADIO PLANT.

Number.	Date.	From or To--	Subject.
252435	9/24	CO	Install auxiliary antenna L To Bost- Approves alteration and they may be undertaken in advance of estimate. 10-4
255192	10-17	o Dept	Installation of radio apparatus on. Auth rected. W RB 10/23
257946	11/1	CO R	Chasn rect authority to change Lyden condensers with Dubilier mica condensers. W To Boston- Quotes dempach from CO. 11-2 Bost - 11/12 w To- Change present instal' disappvd. 11-19
264515	11/3 11/22	Panama Canal SEA	Fwds bills for wireless aerial - K wd 3&A-12-4
279739	2-8	To SEA	Reqt shipt 2 20-1w 125 volt radio transmitting sets from Washington to Boston. W o Boston- Auth installatio of above transmit ing set. At such time as will not delay sailing. 2-9 To- Amends above shipt rect. 2-12
347240	9-16	To Boston	Radio installation authorized W

153 - 6

CHARLESTON: RADIO PLANT

1918

Number.	Date.	From or To—	Subject.	
347334	9/13	Shipping order	Received back 7th	
378992	12:19	Ports	Tel. CO req. installation of radio telephone req. auth. be granted W to (T) - installation of radio phones auth.	12-20
384748	1-16	To SEA	Reqd shipt of radio apparatus from Wash to Co. medium wave receiver. W	
387165	1:15 1:18	Ports NY	Reqst. desc. of radio set and telephone set for W to CO- Lists instruction books fwrds.	3-11
422167	5:30	Dir #1 Pac Flt	Copy - ship finished radio compass test proceeding to New Yc.	

CHARLESTON: RADIO PLANT.

Number.	Date.	From or To--	Subject.
✓ 216389	2-25	Pug Sd	5 kw set; est and plans. W To CO--Appvs install of, also est. 3/7
214372	CARD 1		Appv C&R--Install of radio set satis. 3/6 To CO--3/6 RS 3-10 To S&A--Request of 2 1/2 K.W. radio trans set for install to M. Is. 3/6
217040	3-7	C&R	Copy of instructions for new radio house. W
✓ 219815	3/27	CO R P Snd - fwds print 8/16 W	Report shortages in set. W To M. Is. -- Request of ship direct to. 4/29 To S&A--Request ship of battery charging panel from M. Is. to. 4/29 To S&A--Request ship of charging panel from M. Is. to. 4/29 To S&A--Request ship of apparatus. 3/29 To CO--Request of. 4/17 M Is shipped April 14th 4/23 To Pug Sd--Request when sets reqtd will be fwded. 6/25 To Pug Sd--Appvs est. 7/13 Next ship of radio receiving set from M. Is. to S&A (R) receiving set shipped via mail Nov 24 4/4 Appv S&A--4/7 RS 4-14 S&A - request reply 5/15 W
220255	4/2	To S&A Appv S&A--5/17 To CO--Request whether receiving set AB#50 is on board. 5/17 CO - 5/2 W	
225085	4/27	CO R	Request 4 Exide filaments for ultra audion receivers. W To S&A--Request ship of four oxide filament bulbs from M. Is. to. 4/28

CHARLESTON: RADIO PLANT. 153 p- 6

Number.	Date.	From or To—	Subject.
✓ 225142	4/16	CO	Request ventilating blower for radio set. W To S. Is. -- Reqt expedite shipt. (1) 5/1 S. Is. -- (R) -- Lowenstein cap snipped via Lorus 5/9 W To Chasn -- Reqt add'l infor as to use for blower reqtd. 5/12 CO - 6/2 W
✓ 233307	6/13	Chasn Copy	Request authority to purchase small receiving set W To CO -- Reqt necessity for third receiver. 6/13-- CO 7/23 W
✓ 233476	6/13	CO	Request authority to purchase small receiving set W
✓ 245778	8/3	CO	Request be furnished with an arc receiver To S&A -- Reqt shipt of apparatus from Wash to. 8/30
✓ 247413	9/6	To S&A	Reqt shipt of auxiliary trans from LY to. W
✓ 249366	9/11	Budget Sd	Charging panel was completed and shipped 8/24W

Number.	Date.	From or To—	Subject.	
78206	9-12	Pug.Sd 5448	Estimate for installing.W. Fwd Dept. via C&G. recom appl 9/18 To P. Sd. approved 9/27	pd
86646	12-31	CO	1913 Description: fwds. W	
96120	4-30	TO Pug.Sd	& MILWAUKEE: radio installation approved. W	
3/14 181575	3/14	T S&A	312 Reqt shipment from M Is to Pug Sd 5 kw Navy type radio set for	876
185906	4-21	Pac Flt	& ST LOUIS: recommends be fitted up with deck radio apparatus.W Fwd Dept--5/16 RB 5/25 Fwd Dept--5/26	
187515	5/5	Pac Res Flt	New radio installation required	153-8
188601	5/15	Pug Sd	Radio apparatus: fwds plans and estimate	383-5
190083	6/1	Sub Sig Co	Reports shipment of set for to Colon without inspection	711-3
191317	3/4	CO	Submits recommendations rechanges in fire control, searchlights, control, radio	153-3

CHARLESTON: RADIO PLANT. L153-6

Number.	Date.	From or To—	Subject.
192425	7-4	CO R	Asks date of delivery new radio set. W To--Will be completed at M.Is about Sept. 1/ 7/5 CO (R) request action 7/18
9857	VOID		
202485	10/16	To CO	Reqt audion detector and one step amplifier be shipped to M.Is. for dis. osition. W To S&A--Reqt shipment of audion detector and amplifier to M.Is. 10/16 To S&A--Reqt ship Pierce wavemeter to M.Is. for CHARLESTON. 10/16 CO no record 10-27
207739	12-7 12-7	M.Is S&A R	Radio set shipped via MUREUS; asks if should be returned to Pug Sd. W To Pug Sd--Sds Corres for guidance. 12/14 Fwd S&A--12/14 1-31 To CO--Instrns. 12/15 Fwd Darien--For comment. 2/19 2-23
210113	12-18	CO	Request plans and wiring diagrams for installing radio set now on board. W To--Letter fwded to Pug Sd for action. 1/5 Fwd Pug Sd via C&R--1/5
214372	2-10	CO	New High powered set: is at yard with orders to hold up installation; request of supposed installation new radio be installed at once; present set useless. W set in order that ship's force may be in work 3/4 Fwd Dept 2/15 RB 2-19 Fwd Dept via C&R work urgent prepared to auth. work to be done by Panama Canal Co 2/20
CARD 2		To CO--(T) Instrns re install. 3/3	

Number.	Date.	From or To—	Subject.
472347	1/29	To Co	Hydrophone apparatus on. Advise disposition made of deet type oscillator. W CO-2:10

[illegible]

153 -- 7 CHARLESTON: SUBMARINE SIGNAL OUTFIT.

Number.	Date.	From or To--	Subject.	
201081	10-4	To CO.	Voucher covering services for installation of submarine signal apparatus; fws for certification, K Cohen was certified voucher 10-15	
✓ 233567	6/12	Sub. Signal Co	* RHEIN - fws report of inspection of of submarine signal set 1 To CO--Rest report on 6/19 RB 7/30 To Rhein--Rest report on 6/19 RB 7-7 Fwd Wash--7/12	
	7/14	To Wash--Fws bill of for payment.		
		Fwd Wash--8/2		
237100	7-6	Sub Sig Co - T	Five sets of oscillators for CHARLESTON and one set for A-6; rest ins. r. as he instructed to issue government bill of lading.	711-3
30255	10/8	ditto	Reports shipment of apparatus for CHARLESTON RECEIVED CHARLESTON ON 10/10/42 & 11/10/42	629
277796	1-27	CO	12-15 Fws inspection L. C. Yard 2-4	
7 384853	1:11:19	Ports	Report on installation of keel type oscillator recommends be overhauled 1st time when vessel is available for docking 1	

CHARLESTON: SUBMARINE SIGNAL OUTFIT

Number.	Date.	From or To—	Subject.
185524	4-22	TO Submarine Sig Co R	& MILWAUKEE Asks if can furnish set for. Y Sub Sig Co (T) have one in stock San Fran. asks if shall deliver 4-22 To Dept—Rec installation of sub sig sit on CHARLESTON. 4/24 RB Can Zone named 4/29 To—(T) Bu has approved reqn for purchase of set for MILWAUKEE. 4/24 Sub Sig Co. can supply if order received by Apt 27. 4-27 To—(T) asks if representative make installation on CHARLESTON. 4/26 To CO—Canal Zone will furnish cable for installation of set. 4/27
188527	5-20	CHARLESTON C	Reqd shipment of wire and stuffing tubes. L To S&A—Reqd shipment of material from NY. 5/23 NY 5-25 Shasn C&R shipment Made 25th 5-27
191639	6-10	CO	Request sending apparatus. L Ref. Dept. disappvd. unless vessel de- tailed as tender for long period 6-26 RB will probably remain on present duty until completion of permanent shore base and possibly longer; desires installation; could be transferred to another vessel if Charles CHARLESTON were detached to other duty 6/29 To Atl Sub flc—Bu has prepared reqn for sub ball for: fws print showing. 7/10 To Chas— Ditto; 7/10
197289	8-16	Submarine Sig Co	Submits list of prints. L To—Acknowledges receipt of. 11/4

Number.	Date.	From or To—	Subject
622708	3/23 5/10	CO Dept	Submits report on matl readiness Y Fwds Opers via C&R—Ordn 6/12
633842	5/20 7/20	CO Dept	Subm report on material readiness Y Fwds Opers via C&R—Ordn 8/18
✓ 638638	6/20 8/21	Pacif. Bestry C&R	Subm report of inspection Fwds Opers via S&A—Ordn 10/31 & Surg Navigh 9/15
✓ 615515	9/20 10/14	CO Dept	Subm report on material readiness. Y Fwds Opers via C&R—Ordn 10/31

Number.	Date.	From or To—	Subject.
514238		SEE CARD 8	Avd C.R. 9-24 D.
523105	10:8	CO	list of Submits/prints missing request be furnished.D To CO via Union Fwds Plan 11-8
526970	10:12 11:2	CO Ord	Report on material readiness.Y Av. Operations 11/4
528317	11:8	Dept	Chasn will relieve BROOKLYN as flagship, Pac Des Force.A
530500	11:15	Pug Sd	Copy of letter to P.c Des in connection with completion of overhaul on.Y
579225	9:1	Des	
579658	8:8	C&R	Copy of telegram to Pug Sd indefinitely postponing repairs on.Y
579605	8:8	C&R	Copy of letter to Pug Sd cancelling auth for docking of vessel.Y
581261	8:17	Dept	CHAS RESTON will be placed in reserve and will be placed in commission.Y

153-6:CHARLESTON:MACHY PLANT: 1921

Number.	Date.	From or To	Subject
✓ 584744	9:9	Pac Flt copy of	Reqt vessel be docked on acct of conditions bottom.Y
585109	9:12	C&R	Directs routine docking at M IS.Y
✓ 585432	8:24	Pac Flt	Matl insp-fwds report.Y Fwd Operns 9/17
586724	9:21	Pac Flt copy	Vessel made available at M IS Oct 8th for docking.Y
✓ 592552	9/27 10/24	CO C&R	Report of material readiness.Y Fwd Operns via Ordn 10/28
✓ 595268	12/22 1/31	CO Ordn.	Report on material readiness.Y Fwd Operns 4/6
✓ 608053	12 21 2/4	Pac. fleet LBS	Submits report of inspection.Y Fwd Operns 4/10
✓ 619282	2/24 2/15	Pac. fleet LBS	Sub. report of inspection.Y Fwd Operns via Ordn-S&A Med & Surg- Navign 4/28

N.S.E. Form 134.

CHARLESTON: MACHY. PLANT.

Number.	Date.	From or To—	Subject.	
✓ 431867	6-24	Dept	Directs issue instructions to transf all outstanding job orders to Phila.	Y
✓ 437638	8:4	Ports	Copy of letter to Supply Officer requesting patterns listed be shipped to Pug Sd for Y	
439873	no date	Bd I&S	Report of material inspection held July 11.Y	
* 443280	8:28	Pug Sd	Report of Bd of Estimates.Y Fwd Operations. 9-11 BB-9-18 To Comdt Pug Sd- Recommendation of Bu appvd by Dept. Fwas correspondence. 9-19 copy to CO.	
444295	8/29 9/6	P Snd C&R	Report of Bd of Estimate - Y Fwd Dept via Ordnance and Operations. 9-10 Operations - copy of action on C&R's estimates - 9/19 - Y	
445156	8/29 9/5	P Snd Dept	All reports of Bd of Estimates fwd - Y Fwd Operations via Ordnance. 9-13	
448240	9:29	C&R	Copy of letter to Pug Sd giving instrna for work incident to material inspection.Y	

Number.	Date.	From or To—	Subject.
454014	10-24	Boston	Copy of letter to Puget Sound fwdg patterns. Y
507375 CO Reply was made July 31st-9;14-L Pug Sd-9;25-W To Puget Sd Request of searchlight from Pug Sd to Puget Sd-9;25-W 1/17/21 503135 7:23 Pug Sd	7:16 7:23	CO Pug Sd Pug Sd	Request install radio outfit—new 36 inch searchlight—blinker on main yard arm, etc. JAW To CO Request delivd inform 7-31. To Puget Sd/ action taken 8-5 Will take until 11 November 30th to complete overhaul. Y
509160	8:2	Dept	Copy of letter to Pug Sd directing arrange for priority work on board Chasn. A
511237	8/20	Fwd C&R	Recommends alterations for appl LY
514238 To Puget Sd when auth alt comp plan or sketch es ill 514620 8:30	8:23 8:30	Pug Flt C&R card 9 when auth alt comp plan submitted CC C-1-C Pac- Des Squad Pac Flt	Conversion into flagship for destroyer squadron. D Fwd Dept 9-9 RB-9;15-D Des Force- CC -17 Fwd Opns 9-20 RB-9;23 Alterations—requests must be made to fit vessel as flagship. A

CHARLESTON: MACHY PLANT.

1918

Number.	Date.	From or To—	Subject.
368514	11/13	Naval Censor	Asks if Bu. has any objections to publication of an article by Lt Com. Heim on experiences as Engineer on the USS CHARLESTON.
369448	11-16	Dept.	Jan 13 set for date of completion of authorized work on Y
371521 Pug. Sd. vandykes 12:10	11:21 To Ports. 12:10	Ports are being fwded Ports fwded vandyke prints of machy. plans . 12-17 (2 letters)	Req. complet set of engineering plans be furnished. D To Wash. Repts vandyke plant for Elect plant, 11-27 To Ports. Reqst. for Eng. Plans 12-30
372232	11-26	To Norf	Fwd at once to bureau all machinery tracings, Do To P Sd., Reqd to fwd at once all machinery tracings to bureau, 11-26 Norf. no tracing of machiner plans on file 12:4 D Pug Sd. fws tracing 12:12
414559	4:28	CO	Report on condition Y

CHARLESTON: MACHY PLANT

Number.	Date.	From or To-	Subject.
✓ 415597	4:26 5:2	CO C&R	Readiness for war service Y Fwd Operations via Ordnance. 5-3
427836	6:23	Dept	Instr. in connection with holding call insp Y To Bun Survey & Estimates. Fwd correspondence. 7-3 Bd I&S - returns correspondence - 11/3
✓ 429186	5:28	Dept	Copy of tel. Cruiser Force dir. Chas proceed to Phila. for repairs and removal of transport etc A
✓ 429239	6:28	Dept	Vessel assigned as Flag Ship Div #2 Cruiser Squadron #2 Pac Flt A
428935	7/3	Phila	Van dykes not yet recd - Y
429420	7-2	To CO	Release from Troop transport Duty - Directs removal of all Special SE Material except extra lights and turn into store. Yo GO-9; 15

CHA LANCIA: LANCIA PLANT.

Number.	Date.	From or To	Subject.
320273	6/5 8/21	CC Atl Cruiser	Recommends vessel be docked in order that bottom may be cleaned and painted - Y
321391	6-29	To Chasen	And various items of machinery plans for file
329349	7-23	Phone Boston.	Urgent and necessary repairs authorized Y
329769	7-23	Dept	Copy of telegram to Bost authorizing urgent repairs on. Y
330248	7-23	Boston	Confirms telephone conversation in connection with repairs to cylinders and pistons of. Y

153 - 6 CHARLESTON: MACHIN PLANT

1918

Number.	Date.	From or To	Subject.
330626	7-23	Boston	& MAINE confirms telephone conversation relative to repairs. Y
335168	8-9	To NY	Rest that outstanding job orders be transferred to Boston. Y
347240	9-11	Dept.	Available for docking and repairs. A. To NY, re transfer of job orders to Boston, 9-12
363662	10-29	Dept	ship will be available at Ports about Nov 10 for docking and repairs. A To Boston, re transfer job orders to Ports 11-1
368265	11/8	CO	List of work done by ship's force - Y
368514	11-13	NY Dept	considering above To Lt. Wales. Has no objection to pub. 12-14
368770	11-18	To Boston	Re above shall be transferred. Y
37000	11-21	To NY	Re to command re, 11-20. Y

1917

CHARLESTON: L. W. H. H. H. H.

Number.	Date.	From or To—	Subject.	
✓ 35853	6/28	To Pug Ed	Instructions re outstanding job orders. L.W.Y	
✓ 239800	7/21	Dept Copy	Authorize disabling of engines and necessary repairs until July 26th Y	
✓ 241968	7/1 7/23	CO Dept	Reports on readiness for war service Y Fwd Dep via Ord S&A M.S.—8/4	
244152	7/18	Panama Canal	CHARLESTON fws bills for Supplies and surveys.	322-b
✓ 246205	8/29	To Phila	Directs transfer job orders to Boat. Directs retain propeller shafts at NY. Y	
249580	8/30	Panama Canal	Fws bills for supplies and services. K Fwd S&A— Fws approved bills. 9-18	
250779	9/15	CO	Repairs to piping, valves and whistle. Y	
250777	9/4	CO	Repairs to piping. Y	

ND-0120

1916

✓ 4

CHARLESTON: MACHY PLANT.

Number.	Date.	From or To—	Subject.
189618	5-22	CO	Alteration operation gear for blower valves, by-pass in main feed lines; install iron pipes in all boiler drums. Y Fwd Dept—Recommendations. 5/6 RB 6/8 To—Gives action on. 6/9 M. Is (T) re cylinder liners 6-15
189319	6-15	SEE CARD #3	To M. Is—(R) Machine finish inner diameter cylinder liners. Y To CO—(R) M. Is will complete manuf July 22nd; where do desire shipment. 6/15 To S&A—Req for shipment. 6/15 CO (T) recd shipment. 6-16 Fwd S&A— 6/17 RB 6/21 To CO—Advise when ready commence work. 6/17 CO (T) cylinder liners received; require three weeks to install; also same time installing boat crane; dry dock at Balboa. 8/11 Fwd Dept— 8/11 RB 8/21
196557	8-15	Operations	Available for new cylinder lining and other urgent work after Sept 1. Y
198341	8-23	CO	Dynamo room; alterations in. Y
198985	8-31 9-2	War Dept S&A	Bill for material and repairs. Y Fwd S&A— Appvs. 9/18
203203	8/21 10/20	War Dept S&A	VOID
203204	10/17 10/20	War Dept S&A	Bills for services and supplies. K Fwd S&A—Bill appvd. 10/24

CHARLESTON: MACHY PLANT. 153-8

Number.	Date.	From or To—	Subject.
206196	11 9-21 11-17	War Dept S&A	Fwas bills for repairs and supplies.K Fwd S&A—Appvs invoice 7722. 11/27
206561	10-30 11-16	War Dept S&A	Panama canal bills.K Fwd S&A—Lists appvd bills. 11/27
209342	12-11 12-15	War Dept S&A	Bills for work done by Panama Canal.K Fwd S&A—Bill appvd. 1/11
210348	12/26	War Dept	Fwds bills for repairs and supplies.K Fwd S&A via M&S—Bill appvd. 1/11 1217
210524	12-2	War Dept	Ditto Fwd S&A—Lists bills appvd. 1/11
215644	7-14	War Dept	Bills for work done on.K Fwd S&A via M&S lists bills approved 2/24
216669	3-3 3-16	War Dept S&A	& C boats; repairs; Fwds bills.K Fwd S&A—3/27
219043	3-15 3-20	War Dept S&A	& C Boats; bills for work.K Fwd S&A via Navgn C&R—3/27

CHARLESTON: MACHINERY PLANT: ETC.

1915

Number.	Date.	From or To	Subject.	
151993	4/10	Dept	Or SOUTH DAKOTA; asks suitability for relieving SARATOGA as Flagship, Asiatic Sta	408-8
152240	4-8	Dept	Military inspection. Y Retd via Ord-S&A-- Noted 4/16	
✓ 153134	4/12 4/23	C&R Dept	& SOUTH DAKOTA; relative to availability to replace SARATOGA; directs in future when work is recommended by Bu., that Dept's special attention be invited to the fact that such work is necessary for the safety of the vessel and should be undertaken before vessel goes to sea. Y Fwd C&R-- Noted. 4/26	
153310	4-21	Bd I&S	Fwd CO replies to certain questions asked by Board. Y Fwd Dept via Ord-S&A-- Noted 4/27	
162008	7/29	Dept	Date of completion fixed Aug. 14th. Y	
✓ 163058	8/10	Dept	Extends date of completion to Aug. 19th. Y	
✓ 164341	8-26	Dept	& PITTS; directs auth work by expedited. Y	
✓ 169344	10/16	Dept	Military inspection; fws. Y Fwd Dept via C&R-Ord-S&A-- Noted. 10/26	
✓ 180158	11-1	Dept	20 working days repairs auth Eng. Sd. Y Retd via Ord-S&A-- Noted. 11/3	

CHARLESTON: MACHY PLANT. 153-8

Number.	Date.	From or To--	Subject.	
170949	11-11	Dept	Repair limit Nov 27	
173258	11-28 12-3	Pug. S Dept	Submits list of items which will not be completed at end of present repair period. Fwd Dept via Ord- Noted: 12/9 To Pug Sd--Suspend work on installation of new ardols sets. 12/9	
181758	3/8 3/13 3/15	Atl Flt Dept C&R	Special equipment for use as station ship and submarine tender, in Canal Zone. YADP Fwd Dept via Ord- C&R--Recomm. actions. 3/18 To 1st Sub Div--Fwds copy above end. 3/18 Fwd Pug Sd & Pac Res Flt via C&R-Ord-4/8 1st Div Submits list of special tools on SEVERN that will have to be transferred to to fit as tender, if detailed as relief 4-12 To CO--Have directed transfer of tools. 4/26 To 1st Sub Div--Transfer tools to. 4/26	18 RUB 4/5
186113	4-26	Dept	Detailed as tender for 1st Div At Sub Flo; directs be fitted.Y	
187418	5/9	Dept	SEVERN: relief by CHARLESTON to be towed to Norf by NEREUS	395-8
187515	5-5	Pac Reserve Flt	Requires retubing condensers, and new rad c installation. Fwd Dept--Comments on: 5/16 To CO--Report condition of main condensers. 5/16	
189319	5-19	CO SEE CARD #4 To M. Is--Auth manuf cylinders for. 6/6 CO (R) Reqt action. 6/13 To M. Is--(R) Expedite manuf. 6/13	Repairs to main engines, gen set, magazine flood piping. Fwd C&R--6/3 RB 6/7 To--Have directed M. Is to manuf new cylinder liners engines. 6/6	

CHARLESTON: MACHY PLANT.

1912

Number.	Date.	From or To—	Subject.
✓ 79078	9-24	Pug.Sd 5733	Re t. set of machy plans. D. To --- Fwd plans 12/19.
81521	10-19	Pug.Sd 6295	Dock trial; joint report on. Y
85324	12-3	Dept 18579-261	Report of inspection 11-30. Y Fwd S&A. 12/18.
1913			
88089	1-7	CO	Reports on readiness for battle. Y
88689	1-8 1-22	CO Pug.Sd 8075	Re t. 40 gal oil separator, bolt for main shaft and parts for gen sets. Y Fwd Dept. Not rec. 1/29. 8 P 1 31 To Pug.Sd. items 1 and 2 disappd; item 3 appd. 2/1.
89566	12-2 1-31	CO Pug.Sd 8291	Repair suction piping, install ash guards, charging panels for batteries. Y To Pug.Sd. Instrns. 2/8. Fwd C&R. 2/8. E 2 19
90062	1-30 2-8	CO Dept	Report on readiness for battle. Y To CO via Fac. Res. Plt. New allowance will soon be issued; instrns re oil separator. 2/14. Fwd Dept via C&R. comment. 2/14.

CHARLESTON: MACHY PLANT: 153---6

Number.	Date.	From or To	Subject.
✓ 90514	1/28 2/11	CO Eng. SD. 8494	New main engine teltele, shafting brackets, and reabbitt main bearings port main engine. Y
93305	3/15 3/25	CO C&R	Report of new CO. Y Fwd Dept. 3/26
✓ 93851	3-10 3-25	CO Eng. Sd 9313	Raise cylinders gen sets, alter lining for same, and install new oil splash guards. D To Eng. Sd. appd. 4/2. To C&R. reqst instrns be issued. 8/5
97882	4-30 5-22	Eng. Sd 9989 C&R 27892-E.13	Incidental SE work in connection with re-arrangement of pay and executive officers' offices. Y To--appd 5/29 Fwd C&R 5/29
101218	7-3	CO	Report of new CO. Y Fwd Dept via Ord and C&R. 7/11.
✓ 111603	11-26	Eng. Sd 12695	Machy plans: rect. complete set. D To--index chart referred to should be destroyed; has no connection with plans of this ship. 2/6
119578	3-2 3-7	Bd I&S Dept	Report of military inspection. Y Fwd Dept via Ord and J&A. 3/12.
151527	4-1	CO	Reports on care, maintenance, and operating of evaporating plant, pumps, ice machine, etc. Y

FILE No.	From or To— (Dated)	Subject	
26714 1/9	C&R 20253-E.18	C&R survey: invites attention to work in connection with S.E. work: ash expellers, etc. Ref Dept via Ord. Rec disapp item m/1/13. R.B. appd as mod. 2/11. Fwd Augt 2/15.	
29034 12/30	Dept.	Gen. Survey: vessel to be restricted to scout duty in time of war: directs revised est. Ret -- via C&R. Reduction of work not practicable 1/16.	
✓ 31589 1/9 2/13	C&R 20253-E.15 Ord	Ordinance survey: S.E. work in connection with Y. Fwd Dept. Recommendations 2/15. R.B. Appd. 3/11. Ret Ord. 3/13.	
38704 5/5	Pug. Sd	MILWAUKEE: permanent battle dressing station: has been disapproved for ST. Louis & Chas.	267--8
1912			
✓ 61842 2-21	C&R 22528-E.21	MILWAUKEE: ST LOUIS: battle dressing station papers re general subject. D.L. Fwd Dept via L&S. 2/24. Ret 2/4/1 Ret --- via L&S. 2/4/1	
✓ 61893 2-14 2-21	Pug. Sd 923 C&R 27892-E.2	Estimates for steam connections and lights in Battle Dressing stations. D.L. Fwd Dept via L&S. Rec S.E. work be deferred. 2/24. Ret action. 3-16 Ret C&R. 3/25. Pug. Sd. Ret action. 9-20 to -- auth. 10-2	
74003 7/13 7/22	Pug. Sd. Dept.	August 10th set for date of completion. Y Fwd C&R via Ord. 7/23.	



CHARLESTON: MAIN ENGINES

1918

2

Number.	Date.	From or To—	Subject.
318866	6-8 6-18	CO Atl Cruiser	Request authority to install solid piston ring in main engine when cylinder is rebored. To Boston, authorizing installation 6-25
346478	9-14	JO	Req. copy of plan covering No. 1 cylinder for main engine
357027	10/11	To S&A	Rqst ship's instrn covg propeller shift suitable for ST LOUIS & CHARLESTON from Erie Forge Co 710
429005	6:27	Cruiser Force	Copy- starboard engine disabled on account of blowing off high pressure cylinder head request new parts be manufactured Y
428945	5/27	Chasn. Copy	Vessel will be delayed due to blowing out of high pressure cylinder head of starboard engine
Dept. - feds JAG's report on damage to starboard high pressure cylinder. 7:29			JAG - Report of damage to starboard high pressure cylinder - 7/28
Fwd Navn. 7-31			
Fwd Operations. 7-31			

153 - 9 CHARLESTON; MAIN ENGINES:

1919

Number.	Date.	From or To--	Subject.
428935	6-30	Phone Comdt Phila Phila 7-16 Rqsts action	Starboard high pressure cylinder cover, main-hole cover, piston follower. Mfg. of. copy to Operations and Co. Yo To Phila (T)-Rush work on cylinder cover. report earliest possible date completion. copy to main for operations and CHARLESTON. 7-8 Phila 7/11 States no rod for cylinder cover will be mnd. Y
429616	6:28	Phila	Confirms tel. conv. dir. expedite replace broken starboard HP cylinder cover manhole cover and starboard HP piston follower Y
430894	7/5	NY	First print showing alterations to H.P. piston follower. D.
531406	11:22	Pug Sd	Submits estimate covering main engine repairs. Y To Pug Sd Submits estimates cc Co 11-29 Pug Sd-submits est-12:16 To Pug Sd Gives 1 Ton. cc Co 12-24

CHARLESTON: MAIN ENGINES

153 - 9

1918

Number.	Date.	From or To—	Subject.
287926	3--0	Cruiser Force	Copy CHARLESTON report - breaking of high pressure piston valve. Y
291214	3-19	Norf	Charleston - Port H P valve main engine. Request repairs - confirm telephone. L Y
295224	4/3	Atl Flt	Chain reports on probable cause of accident to piston valve of main engine - D To - Remov. of cast brass valve ring keepers and the installation of steel rings as authorized. Inform of any such replacements which may be made. 4-6 USS SOUTH DAKOTA - 4-20. CO HANCOCK 4:30
299633	5-24	Co Copy	To West authority for installation solid ring in high pressure piston valve of engine on the To C O (T) Installation solid ring in high pressure piston valve authorized, 5-24
318525	6/10	Co	Repairs to engines -- Y

CHARLESTON--BOILERS, ETC

Number.	Date.	From or To--	Subject.	
316357	6/11 <i>V. H. H.</i>	Charleston	Evaporator below discharge overboard discrepancies in Bureau plans--rqst actual pressure to be used.	21-G-20
283500	8-17	Charleston	Shipment order 8-17 R3 19.	
370748	11:19	Ports	Req vandyke showing ash pans and boiler foundation D. To Porst, Fwds Ash pans and Boiler foundations, 11-15	
377418	12:16 12:12	GO Ports	Req. repair or renew ash pans also repair fire rooms floor plates etc. To Ports. Approves your action in proceeding with work outlined 12-16	
316357	6/11 <i>V. H. H.</i>	Charleston	Evaporator below discharge overboard discrepancies in Bu plans. Rqst actual pressure to be used. D. To--Sea valves satisfactory 6/21	21-G-20

CHARLESTON: BOILERS ETC

Number.	Date.	From or To -	Subject.
407925	4/2	Boston	Re arts received of four 12 1/2 inch. 632-1 ask if suitable for 632-3. 632-1
411063	4:14	Prospective CO	Req. information re orifice method of evaporators as installed be finished D
433950	7:16	CO <u>V O I D</u>	Report on pitted boiler tubes-submits with samples. Y
439277	7/25 8/11	CO Bd 1&S	Submits report of unfitness of boilers for steaming - recommends renewal - Y Fwd CO 8-15 copy to Bd 1&S-
526678	10:27	Pug 3d	Submits revised estimates covering boiler work. Y To Pug 3rd (T) work authd 11-3 Pug 3d-feds samples of tubes with report on-1:12-Y

CHARLESTON: BOILERS: ETC.

Number.	Date.	From or To—	Subject.	
203247	10/9	CO	Request instructions relative to retubing boilers.Y	
206606	11-15	CO	Reports on condition of boilers; cannot be subjected to prolonged strain without danger to personnel; part of trouble due to oil carried over from gen sets.Y Fwd Dept—12/8 RB 12-16	
215585	7/5	To CO T	Directs to complete report re condition of boilers of Main.	279-10
219460	3 21	Norfolk	Boiler 2044 was condemned not fit for further use and sent to scrap heap; request further instructions for boiler to be shipped CHARLESTON 611-1	
255457	10/19	To S&A	Reqt shipt of B&W boilers from Pug Sd to Best for.Y To— Reqts cancel above shipt order. 11-7	
255487	11-1	To Pug Sd (T)	Why are 21 cross boxes not to be used. If unsuitable will cancel shipt order.Y P and - 11/1 reports on condition of cross boxes - 11/6 Y P and - will call survey of material 11/14 - Y	
32464	11-15	Carnegie Steel Co.	Rectangular plates for MARYLAND and CHARLES- TON; states will roll with grain running with the length. SG	629

CHARLESTON: BOILERS: ETC. 153 — 10

Number.	Date.	From or To—	Subject.
270727	1-2	Chasn T	VOID
272581	1-11	To S&A	Reqt shipt two evaporators coils from Pug Sd to Boston. Y
278261	1-19	CO	Repair on boiler tub in boilers #6-7 being warped Y.
278878	1-19 1-29	CO Atl. Fleet	Repairs on warped boiler tubes. Y.
32647	2-9	Norf	Tube sheets delivered January 29th at Charleston.
283500	2-14	Puget Sd	Cross boxes for E&W boilers— states dimen- sions given in survey are ~~not~~ exact accordance with those previously used on ship as shown on prints fwd. D to 10 prints on file in Bg. Repts further inform n. 3-4 & CO To S&A Reqt shipt 11 boiler cross boxes from Pug Sd to Boston. 4-17 and (R) request action to delay shipment of cross boxes to Bost for Chasn. (Ship 14/28 - Y to Bg. Reqt in Bg re alive ship 14-19)

CHARLESTON: MAIN BOILERS:ETC:

1912

Number.	Date.	From or To—	Subject.
63201	3-5	Pug.Sd 42C	Reports on experimental work on cross boxes, manner of welding, etc. Y-D To---Alterations appd.3/16.
63440	3-9	Pug.Sd 1440	Revised estimates for installing evaporator Ex-IRIS. Y Fwd Dept.3/14. B
67722	5-2	Pug.Sd T	Necessary to renew evaporators: reqt. two at this time, be shipped. Y To---Fwd S&A. requests shipment. 5/3. E.E.S.-20
69726	5-21	Pug.Sd 2937	H&W boilers: supports for front cross boxes: reqt. decision as to manner of fitting. N To---Instructions.5/28.
71512	6-12	Pug.Sd 2457	Evaporators: revised estimates for installing Ex-IRIS. Y
71999	6-19	Pug.Sd 3647	Fwds print showing method proposed for securing back headers of boilers.D. To---appd.7/20.
72895	7-2	Pug.Sd 3924	Fire extinguisher: recommends removal. Y Fwd Dept.via C&R.rec removal.7/9 B7-15 appd To---appd.7/20.
87106	12/10 1/4	CO Pug.Sd. 7853	1913 Installing ash guards in fire room.D To Pug.Sd.appd.1/10.

CHARLESTON: MAIN BOILERS: ETC. 153---10 1913

Number,	Date.	From or To--	Subject.
✓ 113420	11/19 12/18	CO Pug. Sd. 14069	Fit new baffles on evaporators. Y To---appd. 12/27.
			1914
119852	3-2	CO	Boiler sheets: reqt return of. M
			1915
149202 149902 (?)	2-26 3-8	Pug. Sd C&R	Boiler supports, etc. estimate and plans. Y Fwd Det. Rec appvl. 3/11 Fwd C&R Instructions issued. 3/18 To Pug Sd--Authorizes SE work. 3/18
			1916
191731	6-16	CO	Boilers: reports on condition of. Y To--Fwd sample tubes to Bureau for inspection, 6/20 CO relative grease extractors 7/11 Chasn fwsd sample tubes 8-11 To Chasn proposed change not appd 8/23
193127	6-27	CO	Reports on inspection of boiler No 15. To--Comments: suggest method to remove scale 7/22 Chasn fwsd samples of rust taken from between headers: 8-15 Ref. Opt. recomds. 8-29 RB 9/5 To Chasn one boiler at a time 9-5 Piping: steam drums of boilers: request iron be substituted for brass and copper; fwsd sketch. Y To Comments on: 8/8 CO shortage in complement makes impossible to do work ships force 8-31 To-- Noted. 9/12
✓ 195063	6/30	CO	

CHARLESTON: MAIN BOILERS: ETC.

FILE No.	From or To— (Dated)	Subject.
✓ 37068 4/20	Pug.Sd	Evaporators; reqt. to be informed probable date of arrival of those removed from IRIS. Y To M.Is. auth. to furnish dimensions. 4/27 To S&A Regt shipping instrns. 4/28. Also see 37031-033-1 to M.Is. 4/27. rwsd modified plans of ash ejectors. D To -- Not apprd 5/2.
✓ 37067 4/20	Pug.Sd 1417	
✓ 39320 5/16	Pug.Sd 1774	Evaporators; will ship 2, ex-IRIS to M.Is. Y
45804 8/9	Pug.Sd T	Reports changes made in boilers. Y T to B&W Co. Letter to Insp. B&W. Directions for making cross boxes. 8/10.
✓ 45797 8/9	Pug.Sd T	Asks why changes were made in design of . Y
✓ 46094 8/12	Pug.Sd T	Reqd. reqn. for cross boxes be cancelled as part of boxes were found in store and others can be manufactured. Y&R T to M.Is. 10 possible, reqd. all work on cross boxes be suspended. 8/14. R B 9-12 To F.S. confirms action 9/13
✓ 46670 8/12	Pug.Sd 3203	Front cross boxes for boilers: explains reasons for cancelling order: can supply form Y&B. Y To --- Auth. granted to weld ends for experiment. 6/21.
60164 1/25	M.Is 882	1912 Cross boxes for B&W boilers: 3 in store and asks what disposition shall be made. Y To --- via S&A. Regt shipment to Puget Sd. 2/3.



GENERAL INDEX: ...

Number.	Date.	From or To—	Subject.	
358914	10/17	TO CO CHARLESTON.	Re: st status of motor sailing launch 2429—Y	611-2
37235	11/26	TO	Directs issue of 40' motor boat.	611-2
444502	9/8	C&R	Directs Pac. Bd. turn 40' steamer for CHARLESTON: Y.	611-1
447333	9/24	C&R	Authbrize issue of 40' steamer 8005 to CHARLESTON: Y.	611-1
454680	10/28	C&R	Copy letter to Puget Sound authorizing issue 40' steamer 8007 to CHARLESTON: Y.	611-1
470915	1/22	TO CHARLESTON	Request number of steamer and boiler on board; Yb	611-1
518557	1/21	C&R	CHARLESTON: assignment of 40' instead of 35' m.s.l.s; directs issue of 35' boat to LEWISVILLE: Y	611-2
532245	12/1	C&R	Copy of letter to Pac Des in connection with transfer of boats from BROOKLYN to CHARLESTON: Y	611

CHARLESTON AUX MACHY

1920

Number.	Date.	From or To—	Subject.	
535629	12/18	C&R	Copy of letter to Pac Dest asking on what auth 33' steamer 1141 was transferred from BROOKLYN to CHARLESTON. Y	611-1
533945	12/9	C&R	Copy of letter to Pac Dest asking if 35' motor boat 6568 is needed for CHARLESTON Y	611-12
562330	5/11	To CO CHARLESTON	Discrepancies in records covering power boat machinery Y	611-2
567903	6/4	Pacific Destroyers T	Request approval Engines 35' motor boat for CO BIRMINGHAM. Y	611-12
609787	2/14	C&R	Copy of telegram to Pac Destroyer auth to turn over motor boat 4057 to CO CHARLESTON for use of flag Y	611-2
612757	3/7	C&R	35' motor boat 4057 transferred from BIRMINGHAM to CHARLESTON Y	611-12
627546	6/10	C&R	Copy of letter to Pac Dest asking disposition of 35' motor boat 14766; 50' launch 14725 transferred from CRANE to CO CHARLESTON Y	611-2

CHARLESTON: AUXILIARY MACHINERY

1916

Number.	Date.	From or To--	Subject.	
185657	3/29	Pug Sd	40' steamer 1026 and boiler 1776 to be turned in from CHARLESTON	611-2
185564	4/22	C&R	Reports assignement of steamer 1267 to CHARLES)TON in lieu of 1026 taken from MILWAUKEE	611-1
187096	5/6	C&R	Motor boat 2737 assigned to CHARLESTON in lieu of SEVERN	611-2
187648	5/12	T ^y CO	Motor sailing launch 1741; asks disposition of	611-2
195003	7/29	To ~~Chas~~ CO	Discrepancy in power boat report	611-1
196770	9-7	C&R	Substitution of 36' for 30' sailing launch; assigns 2429 and 2430	611-2
210867	1/8	To CO	ask at what yard motor sailing launches 1000-1 are to be turned in	611-2
Chasn Sur	124 3/8	To S&A	Reqt shipt of one Ward boiler No 2044 from To CO--Gives action. 3/8 To Norf--(T)instrns. 3/22	
218236	3-7	Chasn	Request spare MH engine for motor sailing launch. To CO--Cannot provide at this time. 3/16	

CHARLESTON: AUXILIARY MACHINERY 153-11

Number.	Date.	From or To—	Subject.	
239696	7-21	Canal Zone Defence Force	40' steamer transferred to TALLAHASSEE awaiting new boiler; boiler not shipped reqt engine and propeller be included	611-1
243574	5/13	Phone CHAMBERLAIN	Ship slated for boiler for steamer 1273.	611-1
213537	5/13	Phone Post	CHAMBERLAIN steamer 1273. No boiler for. Also Post-De ship, out of boiler to vessel.	611-1
243579	5/12	To CHAMBERLAIN	Post-De ship will ship a 30 boiler to Charleston. Directly received for steamer 1273. On 1273 30 boiler Pro sent to Chamberlain.	611-1
246264	8/28	Phila	Boiler 3050 received from Newport and boiler 2229 issued to CHARLESTON.	611-1
246277	8/27	Phila	Relative to installation of boiler 3050 in steamer 3121 in place of boiler 2229, which was issued to the CHARLESTON in error.	611-1
254505	10-10	RHODE ISLAND	Boiler 2050 shipped to CHARLESTON: reqt replace boiler be shipped.	611-1
303159	5/2	C&R	Charleston assigned launches 973 and C-159. Y	611-2
306345	5-14	To Chasn	Asks correct number of spare steamer engine	611-2
306345	5/20	Chasn	Copy of telephone conversation with London, in connection with motor sailing launch, for the Charleston.	611-2

CHARLESTON

AUXILIARY MACHY

FILE No.	From or To-- (Dated)	Subject	
32512 2/27	C&R	BOATS: exchange of 33' steam cutters 656,822. with SARATOGA	611--1
38643 5/13	C&R	BOATS: assigns 40' steam cutters 1025, 1026 to Charleston from Pug. Sd	611--1
		1912	
82565 10/29	Pug. Sd	Recd shipment of engine boiler for steamer	611--1
		1913	
88063 1/21	To Chas	Type M steamer engine 1055, asks if received	611--1
95333 5/6	To G.O.	Re power boat machy	680
		1914	
116819 2/4	C&R	36" motor sailing launch, assigns #1741	611--2
125914 5/23	Pug Sd	Reports issue of gasoline engine HH 2270 to motor sailing launch 1741	611-2
162182 7/31	To G.O.	Number of motor sailing launch in 1741 instead of 1471 as reported	611-2



1918

Number.	Date.	From or To—	Subject.
187515	5/5	Pac Res Flt	Requires retubing 153-8
190595	6-1	CO	Man condensers; detailed report on condition.Y To--Comments: condenser tubes may be had from M.Is or Pug Bd. 6/13
210114	12-18	CO	Retube dynamo condenser.Y To SAA--reqt shipmt of condenser tubes and material from M.Is. to. 1/9
263279	12-19	CC R	10-- States new front and back tube sheet re- quired for dynamo condenser.Y To Mass--(T)--Wire by earliest date 2 tube sheets item 28 contract 52547 can be shipped. Urgently needed. 12-20 Insp'r Mass--T--reqt shipping instrns covering eight tube sheets. 12/21 Chasn (R) request tube sheets be shipped Norf 12-23 Chasn (R) request reply 2-22 12-22 To CC--(T)--Two tube sheets for dynamo condenser available immediately ship ent. Mass. Wire immediately where got Wash then ship. 12-22 To Chasn-- Quotes despatch sent to East. Mass. 12-24
279839	1-30	CO	Reports on unsatisfactory dynamo condenser tube sheets delivered submits report on. Y. To Norf-- reqts obtain drill tap machine and return tube sheets immediately upon return of to Hampton Roads. 2-9 Norf-- Y - 2-13 To NN-- Directs obtain print and fwd to yard at Norf. 2-16 To Norf-- Notifies of above direction to NN. 2-16 NN - 2-19 D

1918

CHARLESTON: CONDENSERS

Number.	Date.	From or To-	Subject.	
330106	7-25	To CO (T)	Rest report re steps taken to remedy conditions of condensers Y CC - (1) condenser now in good condition - 7/25 CC - (2) condenser now in good condition - Y 7/26	
563831	5/14	To C&R	Whereabouts of 35' motor boat 6569 Y Ask if assigned to CHARLESTON	615-12

CHARLESTON: HEAT:LIGHT VENT.

1913

Number.	Date.	From or To	Subject.
✓ 100137	6-17	CO	Alterations to cold storage piping:b/p-Y Fwd Pug.Sd.instructions 7/16.
381093	12:19	Ports	Fwds print showing present and proposed arrangement of Ref. room D. fwd Operations 1/2/19 R B 1:9/19 Dept. copy of endorsement C&R giving action 1:7 fwd C&R 1-10
463121			<i>VOID</i> <i>1-2-13</i> <i>per</i> Pas Flt-copy-request authority to make GLTIC AVAILABLE at M IS for repairs and postpone repairs to GLACIER.

CHARLESTON: PROPELLER RS:

Number.	Date.	From or To—	Subject.	
249678	9/18	To Boat	Ask if propeller blades for CHARLESTON have been received at yard.	689-1
534405	12:6	Eng Sd	Propeller report. Y	
		1922		
602667	12/28	MI	Propeller report. Y	
633726	7/1 2	GO	Ask if Bureau knows location of 2 spare propeller shafts. Y to GO- disposition of propeller location of 8/1	

CHARLESTON: PROPELLERS:

1912

Number.	Date.	From or To—	Subject.	
80159	10-7	Pug.Sd	Measurements; fws. D	
			1913	
			1917	
221227	4-5	CHARLESTON	Request spare propeller be sent to Canal Zone.	697
✓ 229116	5/3	CO	Reports injury to starboard propeller Y To S&A—Reqt shipt of Propeller blades from Pug Sd to Chasn. 5/19 P Snd - Reports routs shipping propeller blade 5/28 Y Fwd S&A—5/29	
643	8/13	To S&A	Reqt propeller shaft for 110's to CHARLES- TON and St. Louis be diverted from Pug. Sd to NY.	629
✓ 246442	8/29	To S&A	Reqt shipt of propeller blades from Chasn to Boat for. Y	
246205	8/29	To Phila	Directs transfer job orders to Boat. Di- rects retain propeller shafts at NY.	153-8

Number.	Date.	From or To	Subject.
318887	6-8 6-18	CO Atl Cruiser	Request installation of drain line on angle engine steam line in dynamo room. Y & D To Boston, authorizing alterations, 6-24
361255	10/21 10/22	CO Atl Cruiser	Request overhaul valves and faucets on crew's galley - Y

CHARLESTON: PIPING SYSTEM.

1912

Number.	Date.	From or To—	Subject.
60914	2-6	Pug.Sd 731	Dis-connect and re-connect galley steam pipes. Y Fwd Dept. rec appr. 2/13. BB 2-1f s'ppd To---appd. Regt. information as to discrepancy in figures. 2/13. By. figures correct. 2-28 Fwd Dept. 3/5. BB 3-7
64038	3-15	Pug.Sd 1591	Csteam connections for coffee urn. Y To---appd. 3/22.
85929	12-9 12-20	CO Pug.Sd 7523	Renew aux. steam and exhaust pipe. Y
1913			
67413	12-26 1-8	CO Pug.Sd 7827	Repair suction fire and bilge suction piping. Y
87656	12-31 1-10	CO Pug.Sd.	Repair dynamo condenser pump suction piping. Y
88696	1-7 1-21	CO Pug.Sd 8058	Alter drain from hot water showers and whistle lines, and install traps in same. D. Fwd Dept via C&R. Rec item 2 be appd. 1/28 BB 2-5 To---instruct. ons. 2/5
110655	11-12	CO	Regt. installation of multi drain trap in exhaust of evaporators. D To Chas. via Pac. Res. Fleet. disappd. 12/8.

CHARLESTON: PIPING SYSTEM. 153-15

1014

Number.	Date.	From or To--	Subject.
✓ 133190	8-22	CO	Install multi drain traps evaporator piping: reports satis operation. Y To Via PS & C-In-C-- Authroiled to store. 8/29 Pails CO mfg by NN Co. no trade name 9-15 Chasm CO traps shipped Pug Sd 9-29
185532	4-17	CO	1813 Make direct suction connection from main and auxiliary feed pumps to reserve bottoms. Y Fwd Dept--Rec ddisappv 5/2 HB 5/5 To-- Disappys. 5/5 To--Reconsiders action: auth work: 5/22 Chasm ships force ca. not p. rform work 5-2 To--States coppersmith will be detailed for. 6/16 Chasm lists material required for suction lines 7/11 Fwd NY-- 7/26 To--NY will supply material. 7/26
✓ 229517	5/16	Panama Canal	1817 Fwds bill for cast iron elbows Y Fwd S&A--5/25
✓ 240034	2/24	CC	Fit water tight deck fitting around steam lines Y Fwd C&R--9/11
✓ 299795	4-16 4-19	1918 Insp Panama Canal S&A	Ball for repairs. K Fwd S&A 4-23
✓ 312877	6-4	Phone CO	✓ Main Feed Line. Installation of 7" Globe Valve with extra outlet. Y Fwd NY re installation of valve in main feed line NY X-C will mfg. 6-4

CHARLESTON: WORKSHOP & TOOLS.

1912

Number.	Date.	From or To—	Subject.
64691	3/27	To Pug.Sd.	Survey #123; approves repairs to mach.tools.Y
70330	5-28	Pug.Sd 2310	Reqt. instructions relative to repairing work shop tools on survey. Y To--authorizes repair under Title D J36 Order. 6/8 3LRBA.28 Fwd Dept. radst repairs to mach tools be made under Title D. 6/25.
1913			
88308	1-7 1-16	CO Pug.Sd 7981	Install elec. radial bench drill machine.D.
106196	9-17	CO	Portable work benches; reqt. authority to to turn into store.Y To-Pug.Sd turn into store 9/26 RB 10 8 Fwd NY. 10/10 RB 10 27
1014			
135538 VOID	9-22	CO	Reqt installation of radial bench drilling machine & a elec portable drill.Y
136769	10-7	Pug.Sd	Safety devices; estimate.Y To-- Authorized: 10/14

CHARLESTON: WORKSHOP TOOLS. L 153-18

1910

Number.	Date.	From or To—	Subject.
158480	6-15	Pug. Sd	Estimate for installing safety devices machine tools. To--authorized: 6/21
189833	5-25	CO	Repairs to milling machine. Y To--work authorized: 6/6
✓ 195281	7/19 8/1	CO Atl Sub Flo	Request milling machine and lathe for use as sub tender. Y Rwd Dept via Ord-C&R-- 8/3 To CO--Asks space available for: 8/3
198293	8-18	CO	Request additional machine tools in connection equipment as submarine tender. Y To--Submit reqn for: 9/7
210823	12-19	CO	Request Universal grinding machine. Y Rwd NY--For comment. 1/9RB 1-17 To--Disappvs. 1/18
✓ 365313	1/10	Chasn	Confirms telephone conversation requesting authority to turn in new parts waiting outfit to Ports Yd -- B

Number.	Date.	From or To.	Subject.
64263	3/22	To Eng.3d.	Job Order 1223190/376. Appears that cost of work on drainage pump motor chargeable to another Bureau. Requests confirmation.Y R.B.4-4
			1913

1912

CHARLESTON: VALVES:

Number.	Date.	From or To—	Subject.
61502	2-14	Pug.Sd 841	Repairs to check. Y
Y 72424	6-24	Pug.Sd 3730	Recommend removal of central valve from safety valves. D To—appd.7/1.
80158	10-2 10-8	CO Pug.Sd 6075	Overhaul sea valves.Y
87655	12-24 1-10	CO Pug.Sd 7876	1913 Provide relief valves for piping to gen sets.D
87762	1-6 1-16	Pug.Sd C&R 20197-E.497	Fire main: shows pressure at pump of 175#; too high; recommends fitting of relief valves to operate at 125#; asks if same condition obtain on other ships in service. D. Ret C&R. Gives Bu's practice. 1/20. RB 1 24 Ret C&R. 1/1-2" relief valves sufficient. 1/29
92733	3/18 3-18	To NY NY VOID	Request time necessary to mfr.R Can supply 8" globe valves from stock. Y
230994	5-29	To CHARLESTON -	Auth safety setting of all valves on is 265# 680
312877	6-4	Phone CO	Main feed line installation of 7" globe valve with extra outlet 153-15

Number.	Date.	From or To—	Subject.
353906	9-27	30	Reg. allowances list 34 To CO, Fwds S E Allow Forms, 10-3
367822	11-8	CO	Request increase in money allotment Request re above, dis placed, 11-16
382052	1/1/19	CO	Request authority to turn in to Ports one brass melting furnace and five crucibles for same - RA Fwd CO 1/7/19
378255	1/9	To CO	Fwds allowance book-
To CO approves		regt-8;26Y	CO - fwds elec. allowance book - 5/21 To CO- Fwds elec lists. C-13 CO-8;13
409692	4-11	To CO	Fwdg 1 blank S E allowance book- Y

CHARLESTON : ALLOWANCE

Number.	Date.	From or To—	Subject.
✓ 425290	6:13	Bermuda CANCELLED	Tel. req. immediate shipment of various spare parts listed Y to Senior Officer Present Afloat Bermuda (M) Regt name of ship and reasons spare parts wanted. 6-16
✓ 434449	7/17 7/22	Phila Dept	Engineering material for Chamm placed on board VERMONT for delivery to M Ia - report covering - Y
✓ 579819	3:1	CO	Annual inventory completed. Y
		1922	
✓ 533727	7/1	CO	Fwds balance sheet/ Title B equipage, quarter ending 6/30.Y
✓ 534349	7/17	CO	Annual inventory completed. Y

CHARLESTON: ALLOWANCES.

1913

Number.	Date.	From or To--	Subject.
✓ 106196	10/28	To WYOMING via NY.	Work benches: cancels 106196-153-21 of to 9/26/13: IC/10/13, which was intended for CHARLESTON.R
✓ 109374	10-24	CO	Money allowance: rect. increase.R Fwd Dept. rec. B&A. 11/7 To---appd. 11/7 Fwd S&A. 11/7 RB 11/12
✓ 111162	11-19	CO	Reqt. authority to turn in hanging stages.R To---via Eng. Sd. appd. 12/4
111163	11-17	CO	Larger suspension scales. R To---via Eng. Sd. changes. 12/4
1914			
✓ 115233	1-10	CO	Reqt authority to turn in extra cranks and drums for fire room doors.R Fwd C&R. 1/20.
118227	2-12	CO	Recommends addition of certain tools, wire, etc.R To---appd. 3/12.
119116	2-28	CO	Submits proposed.R
120612	3-19	Pac Reserve Flt	Reqt increase in money allotment.R Fwd Dept. rec appr. 3/24 (T) to---appd. 3/27. Fwd S&A. 3/27.
188256	3/31	Pac Flt	1914 Reports status of ship in connection with quarterly money allotment

342-21

153 -- 21 CHARLESTON: ALLOWANCES:

Number.	Date.	From or To--	Subject.	
190020	6-6	To CO.	Fwds blanks for revision. R	
222347	6-5	To Sub Force Cancels instrns re allowance books.		571-12
267938	12-20	To CO	Revision of Elec Allow lists. Fwds blank	
		To Chasn. Fwds S.E. and S.E. Elec lists copy. L-R		
		3-13	CO Fwds elec allowance - 3/2 - PA	
		To CO, re S.E. Elec Allow list 7-29	1918 - 7/25	
279322	2-2	USS CHARLESTON	Requests auth to turn in spare parts for submarines as vessel is no longer tender.	497
7 297442	4-10	CO	Requests authority to turn in millivolt meter.	
	Fwd Norf, 8-17		To Auth turning into store. 4/16	
			CO 8/7	
			Fwd NY, 6-11	B 7/24
			Ch.leston 7-23	
			Fwd Norf 7-29	B 8/1
			Fwds elec allowance - 7	
			To CO, re elec allowance 3-7	
			Let Sol. 5-24	
			Fwd CO, 7-6	
			To CO CHARLESTON 8/6 - recd 8/12	
			To PG Sol, re allowance lists, 8-15	
			To SO 7-6 RE 16	

Page 5d copy of letter to Boston fwding a
allowance list 11:21

CHARLESTON: ALLOWANCES:

Number.	Date.	From or To—	Subject.
50850	1/10	Pug.Sd	Reqt. new. R
✓ 61499	2-12	Pug.Sd 2225	Technical books on; reqt. bureau furnish. R Ret---directs books be eliminated.3/1.
64752	3-23	Pug.Sd 1755	Recommends changes in gages. R To --- apvd.3-29
✓ 65695	2-29	Pug.Sd 2225	Recommends change in chest for holding oil cans. R To --- via S&A. instructions.4/17.
66198	4-6	Pug.Sd 1961	Pwds. Equip. 3 To --- via S&A. Pwds four copies.6/8.
66778	4-13 4-19	Pug.Sd S&A	Reqt. instructions re furnishing clinometer. R To --- via S&A. direct's unit.4/20. Pwd May.4/20.
68701	5-9	Pug.Sd 2713	Change size evaporator tubes. R To --- via S&A. Amended.5/14.
69269	5-16	Pug.Sd 2874	Change evaporator tubes. R
69714	5-21	Pug.Sd 3038	Omis piston ring springs. R To --- via S&A. Amended.5/29. To --- via S&A.
69863	5-23	Pug.Sd	Omissions.1/21. To CO via ---. New will be fur.2/20 List not yet received. R

CHARLESTON: ALLOWANCES. 153-16 21

Number.	Date.	From or To—	Subject.
73117	7-5	Pug.Sd 3998	Recommends illuminating set be stricken from. R To---via S&A. Directs amendment. 7/17.
74122	7/9	Pug.Sd. 4296	Allowance; additions to R To Pug. Sd via S&A. 7/31
74062	7/16 8/23	Pug. Sd. C&R 2090-E.14	Eliminate oil signal lanterns for combined oil and electric signals to be furnished. R To-Pug.Sd. not to be changed 7/30 To-C&R do 7/31
84199	11/23	C.O.	Fire control system, reports non-delivery of buzzers and keys, are in store and will deliver if same are added to allowance 153-4
86331	12-26	Pug.Sd 7632	1913 Allowance list; recommends elec.plans and boxes for same be added. R. To---via S&A.Addition.1/4.
86411	1-7	CO	Reqd. addition of spare lamps for searchlights. R To Pug Sd via S&A.appd.1/16.
90978	2-18	CO	Returns; not up to standard. R.

[illegible]

Number.	Date.	From or To	Subject.
575725	7/1	CO PRAIRIE	Quarter ending 6/30 Y
590977	8/1	CO PRAIRIE	Quarter ending 7/30 Y
590639	10/1	CO VESTAL	Quarter ending 9/30 Y
590752	10/1	CO MELVILLE	Quarter ending 9/30 Y
593490	10/31	CO BUFFALO	Quarter ending 9/30 Y
595659	11/14	PRAIRIE	Quarter ending 9/30 Y
595913	11/15	CO BUFFALO	Quarter ending 9/30/21 Y
604798	JAN 1 1922	CO MELVILLE	Quarter ending Dec 31st. Y
606655	1/1	CO MELVILLE	Quarter ending Dec 31st. Y
613736	3/10	Lane Island	10/3/21 to 10/6/21 Y

CHARLESTON RECORD OF WORK

192

[illegible]

CHARLESTON: RECORD OF WORK.

-1920-

Number.	Date.	From or To—	Subject.
497726	6/1	Phila	7/3/19 to 7/23/19 - Y
542656	1/15/21	PRAIRIE	Quarter ending 12/31/20
556982	4;1	CO MELVILLE	Quarter ending 3;31.Y
557229	4;1	CO BUFFALO	Quarter ending 3;31.Y
557622	4;1	CO VESTAL	Quarter ending 3;31/Y
573377	7/1	CO MELVILLE	Quarter ending 7/31.Y

CHARLESTON: RECORD OF WORK

Number.	Date.	From or To—	Subject.
292808	3-25	Boston	Oct 13 to Nov 15. Y
✓ 334082	8/1	Post	7/21 to 7/27 - Y
338204	8/15	Boston	7/21 to 7/27 -
✓ 386822	1;20	Porta.	11;12;18 to 1;17-19 Y
✓ 397833	2/21	Hoboken	2/14 to 2/21 - Y
400678	2-15	Hoboken	2-15 to 2-21 Y
✓ 407537	3;31	Consolidated Ir. Wks	3-19-19 to 3-26-19 Y

1919

CHARLESTON : RECORD OF WORK.

Number.	Date.	From or To—	Subject.
418418	5-7	Consolidated Iron Works	4-21 to 4-28. Y
420838	5:1	Ports	11-12-18 to 1-17-19 Y
424497	6:9	3rd dist.	5-23 to 5-30-19 Y
432814	7:14	Ports	1-17 to 7-12.Y
434372	7:10	Army Piers	6-28 to 7-2.Y
441182	8:20	Ports	7-12-18 to 8-16-19.Y
441555	8:1	Phila	7-3 to 7-23.Y
✓ 445125	9/10	Ports	1/17 to 7/12 - Y
450236	10-1	USS BRIDGEPORT	Quarter ending 6/30. Y

CHARLESTON: RECORD OF WORK.

1913

Number.	Date.	From or To	Subject.
102086	7-17	Pug.Sd	Jan 21 to July 5. Y
109128	10-25	Pug.Sd	Jan 27 to Oct 25.Y
122676	10-4	Pug Sd	Jan 21 to Sept 30. Y
115539	1-14	Pug.Sd	Quarter End Dec 31.Y
122908	4-16	Pug.Sd	End Mar 31.Y
130502	7-15	Pug.Sd	End June 30.Y
145028	1-21	Pug Sd	End Dec 31
152563	4-10	Pug.Sd	End Mar 31
162326	none	Pug Sd	End June 30.Y
168601	10-12	Pug.Sd	End Sept 30
175225	12-23	Pug.Sd	ditto
177807	1-31	Bath Pug. Sd	Quarter ending Dec 31
186319	4-25	Pug Sd	Jan 1, 15 to Apr 3, 16

1817

CHARLESTON: RECORD OF WORK.

Number.	Date.	From or To-	Subject.
✓ 232645	6/5	Phila	May 29th to June 5th Y
✓ 246462	8/28	Phila	Aug 18th to Aug 20th
✓ 248906	9/4	P Snd	July 1st to Sept 8th - Y
251599	9/22	F Snd	Sept 9th to Sept 22nd Y
✓ 263429	11/15	Best	10/13 to 11/15 Y
289823	3/12	Phila	5/29 to 6/5/1917 - Y
289822	3/12	Phila	3/17 to 3/20/17 - Y

918

1922

Number.	Date.	From or To—	Subject.
534404	8/12	Com it 7/22	Insulator Y
584837	9/1	Com it 9/22	Armature Y CO- Item 2 can be repaired by PRAIRIE 9/13 Y
584862	8/2	Com it 8/22	Amirolid Y To CO Request Inform 9/22 RB-10-3Y To CO Give Instrns 10/5 RB-11;2-Y
587255	8/15	Com it 13/22	Insulators Y
587431	9/17	Chasen 14/22	Elec sound signal L
587507	7/19	10/22	To CO Submit Recemdn 10/15
589667	9/15	CHARLESTON	Valve, check main feed pump Y
601206	11/10	CHARLESTON 6/22	Armature Y
601215	11/10	CHARLESTON 16/22	Electric sound signal Y
601216	15/22	CHARLESTON 15/22	Fans, Cylinder Y

153-27

N. Ing. 134

CHARLESTON: SURVEYS

1921

Number.	Date.	From or To—	Subject.	
601522	11/10	Chasn 16-22-E	Sound signal Y	
601523	11/10	Chasn CANCELLED. 16-22	Armature Y	
601524	12/3	Chasn 15/22	Fns. Dr 11. Cylinder Y To CC Reqt inform 1/5/22 BB 1/23 L	
622296	4/21	4-E-22	Pistons, Manifold, Propeller Y To CC- Reqt inform survey app vd 5/12 BB 5/1 Y	
622297	4/21	1/E-22	Adapter, Bolts Y	
622477	4/25	5-E-22	Buckets Y	
626628	4/21	3-E-22	Shank, Rod, Brasses Y	

CHARLSTON: SURVIVS:

Number.	Date.	From or To—	Subject.
476069	2:4	CO 2/20	Drawing instruments.Y
481570	3:8	Pug Sd 3/20	Various material.Y
512196	8:13	Pug Sd 1/21	Coal and ash buckets.Y
517865	9/13	Pug Sd. 2/21	Rubber hose, blocks, jack screws, etc Y
519789	9/24	Pug Sd. 4/21	Piston rods, Y
522143	10:6	Pug Sd 6:21	Taps and dies.Y
526945	10/28	Pug Sd 9/21	Bears, connecting rod, Trusses- Y To Pug Sd. Reqt numbers of engines parts cc 00-11-6 Pug Sd-11:15-Y
5280254	11:3	Pug Sd 8:21	Various items.Y
528025	11:3	Pug Sd 7:21	Buckets, breast drill, vise bench, etc.Y
529360	11:10	Pug Sd 10	Blueprints.Y
530332	11:15	Pug Sd 12:21	Battery, blower, panel, lanterns, etc.Y

153-27:CHARLESTON; 312743:

Number.	Date.	From or To—		Subject.	
530331	11;15	Bug Sd	11;21	Piston rods, rod plunger, gauges, etc.Y	
533586	12/2	CHASE	13/21	desk fans	Y
535667	12/14	Bug Sd	14/21	Battle lanterns Y	
557336	3/21	Chasn	16/21	Counters Y	
557337	3/18	Chasn	17/21	Counter Y	
572215	6/20	Chasn	18/21	Batteries Y	
573543	7/5	Chasn	110	Engine Y	
575470	7/7	—	1/22	Battery Y	
581906	8/8	Chasn	5/22	Ammeters Y	
582088	8/10	Comdt	3/22	Vacuum tubes, batteries Y	
582600	8/3	Comdt	5/22	Carburetor, Magneto Y	
				Fwd 3/1 RB 12/3 Y	

CHATTANOOGA: TRIALS: PAYMENTS: ETC.

1912

Number.	Date.	From or To	Subject.
72532	7-1	Navgn	& GALVESTON: placed in commission and reserve. Pug.Sd. 772
96783	4/21 4/29 5/7	CO Pac.Fleet Dept.	1913 Report on short cruise M To-Pug. Sd- reqd report on setting of engine valves 5/12 Fwd Dept via Ord. 5/15.
V 100039	6-17	Pug.Sd	4-hour trial: re failure of engines to use steam.Y
134664	9-17	Dept	1914 Orders to East Coast Mexican cancelled To remain with Pac Flt.Y
173814	12-14	TO CO	Performance curves: fwds M To--Returns for completion, 12/31 CO fwds curves 1-31
398366	2:26	CO	Submits r. q. for additional money allotment Y
499355	5/22	CO CHATTANOOGA	Fwds samples of German coal recd at Brest 623 France with report on use of- requesting rebate be allowed vessel covering. F

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CHATTANOOGA: ELEC. PLANT.

1913

Number.	Date.	From or To—	Subject.
89425	1-30	Pug. Sd 8220	Finished elec. plans: fwa s vandykes. L.
		1914	
97080	1/12	To CO	WTC. Fire control telephone system: fws print for comment as to whether preferable to system proposed. 164-3
1409 04	10/12 11/17	CO Pac Flt	Rewire lighting system, fire and engine rooms; repair searchlights, repairs to automatic signal whistle, switchboard motors, commutators, etc. L Fwd PS-- For estimates. 12/3 12 20 To Pug Sd-- Appva. 12/29
✓ 160539	7-14	To CO.	Quarterly report of electric plant; returns for correction. L CO 7-26
✓ 167483	9-13	CO	Elec alterations: additional standing lights, remove 1- telephones, rewire I-C system, additional call bells, motor generator gun firing system, relocate fire control telephone jacks. L Fwd Dept--Recommendations: 10/9 RB 10/12 To--Gives action on. 10/12
174856	12/23	Dept	Fws report Bd investigation upon accident to main topmast, damaging radio aerial and running lights. L&W
203636	8-18	CO	New power and lighting circuits, remove whistle power operator circuit. L Fwd M. Is.--Gives action taken. 11/17 23 2-24

1015

CHATTANOOGA: ELEC PLANT. 154-3

Number.	Date.	From or To—	Subject.
204598	10-9	CO	Replace all conduit leads where exposed to weather. L To M. Is. -- Regt rec and estimates. 11/13 M Is no copy of letter received 11/20 To M. Is. -- Fwds copy of letter 10/9. 12/4
326822	7-22	To CO	re repairs to electrical equipment L CO - 9/7 To NY, authorized to ship for install; fittings. 9-13 To NY, Fwds vandykes of finished plans - L To NY, Fwds vandykes in re above 10-23
378907	12/2	CO	Rewire certain circuits - L
388557	1:21 1:24	CO NY	Re wind signal and running light call bell system lighting circuit etc. req. yd. force as 1st ship's force L Fwd NY 1-27

CHATTANOOGA: INT OOM SYS.

Number.	Date.	From or To—	Subject.
197593	8-7 8-24	M. Is C&R	Voice tube work deferred until ship available for examination. L Ret. C&R 8-29
247557	6/10	CO	Reports on status of fire control system L
264794	12/1	CO	Request authority to turn telephones into store. Auth to turn into store articles requested type A. 12-8
✓ 316314	6:12	CO	Reqs complete set of blue prints of fire controll and interior communication on L. to CO. Prints rec'd 7-5
> 326797	7-18	To CO	Must inform when ship will be available for installation of interior communication L Y
324112	10:5	Phalal.	Material received 10:7 Y

CHATTANOOGA: INT COM SYS. 154 - 4

1819

Number.	Date.	From or To—	Subject.
382654	1/2/19 1/4/19	TO AtI Cruiser	Request Yard force assist ship's force with rewiring fire alarm system - 1 To NY 1 author granted assist ships force CHATTANOOGA rewire fire alarm system- 1-9
383592	1:2 1:4 1:8	CO At. Cruiser NY	Request var force assist ships force in rewiring fire ~~alarm~~ alarm system 1
383637	1/9	To Bureau Phone	Engr officer CHATTANOOGA reqs's actions taken re repairs fire alarm system-

CHATTANOOGA: Int. Com. Sys.

1912

Number.	Date.	From or To—	Subject.	
✓ 64526	3/25	To Eng. Sd.	& GALVESTON: voice tubes; request list of all installed. #28 L	
✓ 68083	5-1	Eng. Sd 2500	Fire control; finished plans; fwds. L	
✓ 70218	5-29	Eng. Sd 3176	& GALVESTON: voice tube list; fwds b/p. L To C&R. Fwds prints. 6/4.	
70331	5/29	Eng. Sd	& GALVESTON: reqt dynamotors for I.C. circuit.	212--4
✓ 70644	6-7	C&R	GALVESTON: voice tubes; states those going thru w.t. compartments must be fitted with w.t. mouth pieces. L To --- Requests be fitted; also on DENVER and CLEVELAND. 6/13.	
✓ 82407	11/12	C&R 27645-E.5	& GALVESTON: voice tubes; gives number and location of mouth pieces. L Ret---11/15.	
J 95150	4/11	GO	1913 Requests addition of portable buzzers. L	154-21
		1914		

1914

CHATTANOOGA: INT.COM.SYST.M. 154-4

Number.	Date.	From or To—	Subject.	
97080	1/12	To CO	ETC: Fire control telephone system; fws print for comment as to whether preferable to system proposed.	154-3
120169	3-17	TO C&R	Recommends overhaul of fire control voice tube system. L	
128182	6/18	Pug.Sd. 17388	Voice tube system; fws plans of fire control. L	
128608	6-26	C&R 27645-E.18	Fire control voice tubes; fws plan. L	
139443	10-25	CO	Firing salvo buzzers; reat authority to extend from 10/13 C-- Appls. 11/13 Fwd S&A-- Allotment authorized. 11/13	
167483	9/13	CO	1015 Elec alterations; remove I-C telephones, etc.	
167707	9-27 10-7	CO C&R	Alterations fire control voice tubes. L Fwd C&R--Recommendations 10/12	
167873	10-9	C&R	Extend voice tube from bridge to dynamo room searchlights. L To Pug Sd--Auth installation of 10/12 To--Instructions issued. 10/12	
178731	1-25	CO	Reat authority to turn in battery cells I-C system. L To--Granted. 2/12	

CHATTANOOGA: Interior communication system:

FILE No.	From or To- (Dated)	Subject.	
29570 1/14	Pug.Sd	GALVESTON &: reqt. math. to include 2 extra telephones in fire control installation	212--4
29374 1/11	Pug.Sd	Interior and power lighting circuits: reqsts finished plans. Fwd N.Y. to fwd tracings 1/24.	212--4
✓ 38356 4/18 5/10	Pug.Sd 613 C&R 17082-E.165	& GALVESTON: Req't. indicators for long arm system. L Fwd Dept. rec appr. 5/18. R.B. app'd. 6/14. Ret C&R. 6/15.	
38356 6/5	C&R 17826-E.292	DENVER: CLEVELAND: GALVESTON: power doors. L To H. Is. Rec'd wiring plans, and estimated cost. 6/12. Fwd Dept. if appr'd. rec appr. 6/12. of installation of elec. signal system. 6/12. R.B. app'd. 6/14. Ret -- 6/15.	See below.
✓ 40981 6/12	to Pug.Sd	& GALVESTON: Req't. wiring plans for power door indicator system. L.	
38356	See above	To Rec'd. & H. Is. Quotes Dept's appr. 6/15.	
✓ 53992 11/13	Pug.Sd 4126	& GALVESTON: w.t. door indicators; fwds print proposed arrangement. W To--App'd. 11/25.	
✓ 55932 12/8	Pug.Sd. 4357	Fire control system; submits new estimate. L Fwd Dept. via C&R-Rec. app'd. 12/15. R.B. 12-23 app'd Ret-12/23. R.B. 1-4	
✓ 57370 12/26	Pug.sd 4525	& GALVESTON: Reports receipt of motor generators for telephones but no dynamo for selvo system. L To--2-KW gen. being prepared for 2d test. 1/4.	



Number.	Date.	From or To--	Subject.	
87405	12/20	C.O.	Reqt section overboard discharge pipe and repair dynamo engine.	154--8
88565	1-3 1-11	CO Navgn 4032-180	Morse Code keyboard, night signal set not delivered. L Fwd Dept. Blinker light may be fitted by ship's force. 1/29.	
109870	9-8 10-25	CO Pug. Sd 13160	GSK office: install additional lights; in new. L To Pug. Sd. appd. 11/11. Fwd Cdr. 11/11	
140902	10/12 11/17	CO Pac Flt 1914	Alterations: gun firing battery boxes, additional lights and additional receptacles at each gun. L Fwd To-- For estimates. 12/3 12-20 Fwd Dept-- Recommendations. 12/29 1-1/20 To PS-- Items 2-3 appvd: 1 4/1 appvd: 1/4	
172443	11-26	Pug. Sd 1515	No work required for adapters night signal sets. L	
178843	1-28	CO 1914	Install armored cable in lieu of conduit for running lights. L Fwd Pug Sd-- For estimate. 2/16 Rb 2-24 To M. Is.-- Appvs replacement of two hooded receptacle boxes. 5/9	
213125	1-19	CO	Estimate for installing man overboard and break down lights. L To M. Is.-- Appvs est. 2/6	

CHATTANOOGA; LIGHT & POWER

154 -- 5

Number.	Date.	From or To—	Subject.	
225537	5/1	To CO	Re t report on lighting circuits on main deck and engine rooms. L OO 7/17 L	
247356	9/2	CO	Run power wiring L Fwd C&R--9/7 RB 9/12. To-- Appves alterations. 9-21	
250776	9/18	CO	Repairs to armature of forced draft blowers. Y	
270727			NY--1/9.Y	
399016	2;24	CO	Repairs to air meter Y	
41764	8/25	NY	Details of cable work. 1 CO for main deck for cable stuffing boxes. And prints. D	100-10

NB-0120



Number.	Date.	From or To--	Subject.
520029	BO-1	To SIA	Reqt shipt of app from CC to Washn 4502 W.
551800	3.10	European Force copy	Request radio transmitter receiver and amplifier be shipped.W To Brook S&A Reqt shipt of transmitter from Brook to CC 6652 3/17 22-1,200

CHATTANOOGA: RADIO

1916

Number.	Date.	From or To—	Subject.	
199040	9-5	M. Is	Will submit estimate and plans Sept 15. W	
200997	9-21	M. Is	Pyds plan and estimate. W To—Appvs. 10/6 To—Quenched spark can belongs to new set to be installed on, and not turned into store. 10/16 M. Is location transformers 10-25 To—Comments on location transformers. 11/3	
204916	11/9	To M. Is.	Reqt est and recommendations on transmitting set now installed on, to put same in good shape. W	
214092	1-29	CO CHEYENNE	191 Request 2 new radio motor generators formerly used on CHATTANOOGA.	157-5
216846	3/9	To CO	Asks disposition of De Forest audion detector and amplifier not reported as on board. W CC 3-22.	
218024	3-7	M. Is	Reports transfer portable radio set from C ATTANOOGA,	162-4
✓ 241165	7/31	To CO	NSE 25-B and Bu records differ. Reqt further information. W CO 9/11.	

CHATTANOOGA RADIO. 154 - 6

Number.	Date.	From or To--	Subject.
✓ 252339	9/20 10/2	CO C&R	Reqst comment on shortening mast in connection with effect on radio - W Fwd C&R- 10-5 C&R 10/8
271680	1-7	To S&A	Reqst ship one radio receiving set fr m Washto to Co. W
349395	9-16	CO	Request authority to survey Lowenstein quench cap - W To CO. Per. ision granted to survey 9-21
356899	10:5	CO	Req. for permission to turn into stock one teleph. receiver W To CO. permission granted 11-11
✓ 391134	1:31	CO	Reqst. auth. to turn into store and replace transmitter relay key W To- Auth to turn into store one relay key. 2-7
504019	7-13	To S&A	✓ Reqst ship one of apparatus from Washto to CO

CHATTANOOGA: RADIO

Number.	Date.	From or To—	Subject.	
123927 ²	4-22 4-23	CO Pug.Sd	Request additional receiving set.W. To M.I.s.approves issue.5/2.	
133760	9/17	Dept. 6th indorsement 17898-250	Authorization of increase of height of masts	184-6
135185	9/23	Pug Sd T	OREGON : rect authority to install radio motor generator ex-CHATTANOOGA	326-6
V 135382	9-26	Pug.Sd T	Radio generator: recommends supply new wound for 80 volts: installed one at yard on OREGON.W To-- (T) Instructions. 9/28	
135511	8-30	CO	Alterations to.W Fwd C&R-- 10/3, 10/7 To via PS-- Appvd. 10/3	
142913	12-24	Pug.Sd T	Radio motor generator: rect authority to rewind one ex- NERO. W To-- (T) Instructions. 12/28	
143902	1-2	CO	Description of radio: delay in forwarding.W	
151321	3-29	Pug.Sd	Radio installation: rect description forwarded to Bu be sent vessel.W	
181575	3/14	To S&A	Rect shipment M Is to Pug Sd 5 kw Navy type radio set for	876

CHATTANOOGA: RADIO. 154-6

Number.	Date.	From or To--	Subject.	
151568	3-30	P.S. 22568	Radio plane; fws.W.	
160088	7-9	To M.Is.	Radio apparatus for; asks when will be ready for installation. W	
✓ 162361	7/28	Pug Sd	4 NERO; relative to change of motor generators. W To M.Is.--Fws copy shipment request. 8/9 To--Ditto. 8/9 To S&A--Req shipment of motor generators. 8/9	
164678	8-23	M.Is	Estimate for repairing and installing portable radio set. W	
168799	10-14	M.Is	Estimate for installing new motor gen	310-6
182707	3/18	Pac Flt	Req higher powered set	184-6
185909	4-21	Pac Flt	Reports furnishing 5 ultra audion bulbs. W	
✓ 196428	8/9	Pug Sd	Calibration of Telefunken transmitter; fws.W	
196820	8-16	M.Is T	Requires 80 volt radio switchboard; all received on order No 2 are 125 volts. W To Phila--(R) Quotes above; asks number of switchboards furnished M.Is. 8/17	
181575	8-23	To Puget Sd	Asks when plans and estimates will be fwd.	876

CHATTANOOGA: WIRELESS TELEGRAPH SYSTEM;

FILE No.	From or To— (Dated)	Subject.	
28989 1/13	TO Pug.Sd.	AND GALVESTON; fwds copy of reqn. covering wireless set	
		1912	
66781 4/20	Dept	APPAR. directs sets for be expedited.	876
68767 5-10	Pug.Sd.	Estimate for installing. W To---apld.5/12.	
76137 8/15	Pug.Sd.	& RALEIGH: Radio telegraph sets: impossible to invoice to vessel before Oct.1st without Bureau authorizes increase in material allotment.W	
		1913	
87844 1-5	CO	Description.W.	
		1914	
✓ 117073 2/7	To Pug.Sd.	Radio installation: Bu has requested shipment from NY to Pug.Sd of 2-kw motor-gen. and transformer. W (See 117060-876) To Pug.Sd.-authorized to rewind motor 4/3	
117060 2/7	To S&A.	Rect shipment of 2 Kw motor generators and 2 Kw transformers from NY to Pug.Sd for	876



SUBMARINE SIGNAL: Chattanooga

Number.	Date.	From or To—	Subject.
277695	1-24 1-29	NYS S&A	Requests that a receiving apparatus be purchased for L. S&A - 11/3
372677	11/26	CO	Submarine signal apparatus installed and found satisfactory - 1
400161	3/5	C&R	Copy of types to NY relative to installation of listening gear.
373621	11/26 11/30	CO C&R	Submarine signal apparatus has been installed 1
399978	3/5	C&R	CHATTANOOGA AND FREDERICK confirmed tel conversation re to installation of listening device L 154-7
315313		F. H. CLEMENT S&A - 11/30	Submits bill for \$47.05 covering removal of Submarine Signal apparatus - states and assured work was chargeable to J. P. Shuman Co but bill was not paid so work was chargeable to J. P. Shuman Co. Fwd C&R 7-20

Number.	Date.	From or To—	Subject.	
580393	8/12	Hon. J. Linkham	Fwd telegram from Union at Boston protesting To Hon George Holden Linkham-Neb to trans- fer ship to Forts because of berthing space available 8/13 C	
532059	3/12	Boston	Fwd Inspn's b. lts estimate. Y Fwd Dept 5/19RB-9;28-Y To Boston - Gives Action 10/1	
584327	9/6	CLR	Action on report of Bd Survey & EstY	
584471	9/8	Boston (T)	Fwd request for engineering forms 388 for use in keeping record on decommissioning of vessel Y Boston-T-log not at yard 9/9-Y To Boston-T-log com rel to "Report of laying up and recommissioning of vessels" 9/10 To Boston-Fwd Report 9/12	
584511	3/6	Navy Disbursing Office	Fwd bill of French Govt for repairs to OSTERLEIGH D. SMITH COCA & LUTHER A	552
589560	10/6 10/7	JAG Dept	Report covering unreadiness of vessel for decommissioning. Y JAG-fwd report covering unreadiness of vessel-10/6-6 Fwd Operns 10/12 Fwd Navign via CLR 12/15	

CHATTANOOGA: MACH PLANT:

Number.	Date.	From or To -	Subject.
492482	4:21	CO	Request renew gear for port jacking engine cast 24 new valve sets, etc. Y
504927	7:9	Adriatic Force conv	Shifted files from GAINES to CHATTANOOGA. REF cross to 632
509150	7:11	Dept	Report on material readiness Y Fwd Op arns via Ordn S&A Med & Surg Ordn S-C
521710	10:7 10:21	CO	Report on material readiness. Y
545175	12:20	Turkish Div	Report on material readiness Y Fwd Op arns via Ordn S&A Med & Surg Navign 2/9/21
557689	4:13	Dept	Instrns in connection with holding of matl inspn. Y To be 1&S Fwds corr listed 4/20 Pl 1&S-Ref 1&S-Ref 1&S-Ref
56 3408	5:2	CO	Request renew bevel gears on steering wheel transmission shafting-line up steering engine, etc. Y
563417	5:2	CO	Request rehabl it main bearing spares rewind armature of blower, etc. Y
563406	5:2	CO	Request rebore cylinder of pumps braze aux line to boilers reset valve seats, etc. Y

7✓

154-9: CHATELAIN: NEW PLANT:

Number.	Date.	From or To--	Subject.
567488	5:31	CC	Rest mfg 1p piston and red and crosshead for 1 inch 6 overhaul gears and bushings of 1 inch 6 cylinder.
563714	6:5	Dept	Vessel will be placed out of commission at 10:00 AM.
569208	no date	Pd L&S	Submit report of trial run held June 10th.
578017	7:15	Dept	Letter to Boston directing Boston to place vessel out of commission.
570417	7:17	Dept	Vessel will be placed out of commission.
578094	7:28	Dept	Vessel will be placed out of commission.
578090	7:19	1st Dir	Vessel placed out of commission.
578010	7:19	77	Rest vessel by 10:00 AM.
578092	7:1	Boston	Vessel placed out of commission.

CHATTANOOGA: TASH Plant

Number.	Date.	From or To	Subject.
384370	1:7	CO	Packing repairs to tank and suction piping Y
384462	1-14	To Secty (Operations)	Comments re report of material inspection To--States that E. authorized item 1 to 5 1/14
386586	1/1 1/14 1/18	JO Atl Cruiser Dept	Submits report of material readiness for war Y Fwd Operations via C&R-Ord-Navy. 1-21
394910	2:13	Dept	Copy of endorsement to NY setting March 3 for date of completion of work on Y
399440	3/4	Dept	Copy of indorsement to NY extending date of completion to 3/12 - Y
402436	3/13	Dept	Date of completion extended to 3/17 - A
417580	5-1 5-6 5-10	CO S E A W F S Fwd Operations. 5-13	Submits report of material retained on vessel Y

1919

154 - 8 CHATTANOOGA; LACHY PLANT:

Number.	Date.	From or To—	Subject.	
428585	7-1	Phone I.M. Ny	Propeller and Stern Tube Shaft.	162-8
V 434342	7:1 7:21	CO C&R	Report of material readiness.Y Fwd Operations vda Ordnance and Navgn. 7-24	
439875	7:11 7:25	CO European Force	Request overhaul sea valves,etc.Y	
451837	10:1 10:18	CO Dept	Submits report of material readiness for war service Fwd Operations. 10-17	
465471	12:1 12:3	CO European Force	Request manufacture clutches for lathe- cast valve sets,etc.Y	
475634	1:19	CO	Request renew discharge line from distiller and flushing line-renew gears for the lathe carriage,etc.Y	
488121	3:30	CO	Request brace holding down lug on steam cylinder of starboard hot well pump-brace crack in port grease extractor,etc.Y	

CHATTANOOGA: MACHY PLANT

Number.	Date.	From or To—	Subject.
303449	4/11	C O	Material readiness for war service Y
		To CO (T) Issue one cross box 9-12	Fwd Dept. 5-8
		To (T) Cross box delivered to 9/14	To Regn can not be located. Repts furnish duplicate co. y. 5-8
			S&A 7-30 Fwd Chasn Via S&A 8-3
			To Chasn 8/3 - 10 3/17
		RB9/25	Fwd CO. 8-19 Fwd Chasn, 8-5 RB 8/13
			To Regn cross box 9-11 Y
313 095	5/16	CO	To MY (T) Authorized to issue cross box, 9-12
			Repairs to dynamos and clocks- Y
313092	5/31	CO	Repairs to dynamo engines- pumps - Y
355115	7/1	CO	Submits report of operations of
	8/3	Atl Cruiser	in connection with repairs of main engine - 8-1
			To CO, Rqst packing be repaired, 8-20
34			
359613	10/14	CO	In connection with defects of sleeve of
		Atl Cruiser	starboard shaft - necessary retubing of boilers
			etc - Y
384462	1:8	Cruiser Force	Fwds report of matl inspection Y.

1916

154- 8 CHATTANOOGA: MACHY PLANT

Number.	Date.	From or To--	Subject.	
378603	11:29 12:17	CO At. Cr	Req. assign shaft for corrosion supply new blance ring for valves on main eng. etc	Y
378903	11/29	CO	Repairs to boiler, uptakes, condensers, piping, valves - Y	
378900	12/4	CO	Repairs to motor sailor and crank pin brasses.	
381405	12:28 1:13	Dept CO	Ship available at NY for replacement of starboard propeller shaft and nec repairs Y	
384174	1:8 1:9	CO At Cruiser	Req. renew front angle iron in port rise room - engine steam slide valve etc	Y
384169	1:9 1:9	CO At. Cruiser	Req. engine shaft valve of main circulating pump Y	

CHATTANOOGA: MACHY PLANT

Number.	Date.	From or To—	Subject.
212079	1-6	CO	List of work to be done by ships force. Y
✓ 215915	2-24	Bd I&S To M.I.S. -- Disapprove install of levers for dampers. 3/26	Material inspection. Y To CO -- [unclear] of [unclear] can not be [unclear] by [unclear] of [unclear] 11/3/6 Fwd [unclear] with rec. 1/6 NB 3-9 To M.I.S. -- Gives action be enclosures. 3/16 CO additional data on change for damper doors 3/15 Request date of completion be extended to May 5. Y Fwd Dept -- Rec appvl. 3/12
217616	3-5	M.I.S	
217909	3-1	M.I.S	Report of board survey and estimates. Y
227050	5/11	CC Copy	Overhaul machinery -- will require until 12th Y
✓ 243911	8/16	To CO	NY is repair yard for present. Directs Norfolk retain crank shaft at yard for present. Y
251587	9/20	CO	Alterations to flushing system, install evaporator vapor line feed heater -- Y Fwd Dept via C&R. 10-5 R B 10/24 To NY -- Item appvd. Item 2 disappvd. 10-25 /one

CHATTANOOGA: MACHY PLANT. 154 - 8

Number.	Date.	From or To--	Subject.
✓ 260475	11/4	CO	Repairs to pressure exhaust main suction line evaporators - Y
✓ 265244	12/3	CO	Manfg metallic packing, new water leg for main feed pump, new tube sheet for distiller, replace globe valves, etc - Y
269293	12-24	To NY	Transfer of job orders and Correspondence to Navy and Charleston. Y
272512	1/7	Dept	Military inspection - Y Fwd Operations-via Ord-S&S-Mavgn-M&S-1-10
✓ 277725	1-22	CO	Repairs to thrust bearings main steam lines fittings boilers Y.
291772	3/22	C&R	Copy of instrns to Chasn to transfer job orders to Navy - Y

1015

CHATTANOOGA: MACHY PLANT.

Number.	Date.	From or To—	Subject.	
148572	2-12 2-27 3-2	Pug. Sd C&R Dept	Report of Hull board survey and estimates Fwd C&R-- Recommendations 5/3	Y
155007	4-20	CO	Alterations; reqt reconsideration of disapproval of certain items. Fwd Dept-- Recommendations. 5/19 RB 5/22 To Pug Sd-- Gives action on 5/22	
170401	10-9	CO	Removal of trolley track main deck used for bases. Fwd C&R-- Rec apvl 11/12	
171647	11/18	Dept	Pug Sd directed to proceed with work, to be completed by Dec. 26th.	
171824	11/16	CO	Reports list of repairs to be made by ship's force.	
173578	12/8	Dept	WEST VIRGINIA; fwds report of board invest- igation on damage caused by CHATTANOOGA striking	477-8
179393	2-17	Dept	Hull report: Fwds. Y Fwd C&R--Noted. 2/18	
186956	4-26	M. (Is	Request vandykes of machinery plans. D M. Is asks when plans may be expected 8-11 TO -- fwds 8-23	

CHATTANOOGA: MACHY PLANT. 154-8

Number.	Date.	From or To—	Subject.
190145	5-16	CO	Request evaporators be changed to double effect, fit water gage glasses; install Davidson evaporator feed pump and separator in vapor line. Y Fwd M.Is.—For estimate and rec. 6/8. RB 11/6 To M.Is.—Reqd reply to reference 6/8. 11/2 To M.Is.—Work auth. 11/7 M.Is 11-9
191127	6/7	CO	Fwds index and brief synopsis of important items that appeared in official bulletin 613
203635	10-28	CO	Alterations; fit evaporators for double effect; gage glasses; new valve gear for feed pump. Y
203637	10-20	CO	Alterations monel metal false seats for all valves, remove chains operations boiler dampers, and install levers. Y Fwd M.Is.—For est. 10/30
210000	12-18	CO	Submits list of repairs. Y Fwd Dept—1/4 191 Fwd Bd I&S—1/4 RB 2-12 Bd I&S will return when received from Sub-Bd 2/6
210208	12-30	Dept	Directs material inspection M.Is. Y To Bd I&S—Fwds corres for use in comm with. 1/5 Bd I&S returns correspondence 2/10
212032	1-1	M.Is	R Copy Board has recommended thoro overhaul 6 mos; or temporary overhaul 90 days; recommends thorough. Y

1912

2.✓

Number.	Date.	From or To—	Subject.
72431	6-26	Pug.Sd 3 00	Reqt. machy plans. B To P. Sd. fwds. 8/22
79935	10-2 10-9	Pug.Sd 5907 Dept	Dock trial; fwds.Y
83407	10-29 11-4	CO Pug.Sd	Repair lagging steam jacket cooker.Y
84613	11-23	Dept 28365-12	Inspection held 11-4; fwds. Y Fwd S&A. 12/11.
1913			
87405	12-20 1-8	CO Pug.Sd 7818	Reqt. section overboard discharge pipe and reapair dynamo engine.Y
90110	1/29	C.O.	4 ST LOUIS; report on readiness for battle 383--8
1914			
114746	1-6	CO	Internal feed piping, and ash ejector piping; alterations.Y
119519	3-2	CO	Fwd Pug.Sd. instructions. 3/12 RB 4 30 Reqt change in lead of pump piping, and make alterations internal feed piping.Y CO fwd ash ejector satis 6-15
114746		SEE ABOVE	To CO. reqt report on efficiency of change. 4/30.

BELOW

CHATTANOOGA: MACHY PLANT. 154-8

Number.	Date.	From or To—	Subject.
124639	5-5	Pug. Sd 16555	Machy plans: packing for engine, fire door, ash pan doors, ice machine, blow valves, boiler drums/D
14 0901	10/12 11/17	CO Pac Flt	Repairs to valves, crank pin-brasses-bearings, gaskets, boilers.Y To PS--Appvs. 12/3
141057	10/12	CO	Repairs to piping, distillers, valves, anchor engine.Y
141317	10-12	CO	Alterations to cross connection air pumps, pipes, to steering engine, relocate air compressors, new steel bonnets on valves; fit Davidson valve gear to pumps.Y Fwd Dept-- Recommendations. 12/9 Fwd Dept-- Recommendations. 12/9 To PS Via CO--Gives work authorized. 12/11
141921	12-12	Dept	Directs ins- action at Pug Sd. Y To Bd I&S-- Fwds repair papers. 12/15 Bd I&S 1/19--returns papers.
142668	12-15	CO	List of work to be done by ships force. Y
144103	1-9	Dept	Repair limit extended Jan 3
144190	1-11	Bd I&S	Material inspection.Y
147476	2/12	Pug Sd	Report of board of estimates.Y 2/23
147752	2-12 12-18	Pug Sd Dept	Two Dept-- Recommendations. 3/3 To--Gives work appvd & disappvd. 3/3 Report of board estimates sent on 12.Y Fwd Dept-- 12/20 To-- Item lbs disappvd. 4/12

FILE No.	From or To-- (Dated)	Subject.
✓ 28227 12/28	Pug.Sd. 3833.E.10	Cost of work, authorized under Survey To -- indirect charges auth. 1/1
41665 6/12 6/20	Pug.Sd. C&R 17082-E-171	S.E. work in connection with C&R repairs. Y Fwd Dept. Rec. appd. 6/22. Ret C&R. 6/26. To -- Appd. 6/26.
42858 6/29	Pug.Sd 2409	Repairs to water pumps, valve bodies, boiler brackets, etc. Y Fwd Dept. Rec. authorization. 7/10. RR 7-12 appd To -- Appd. 7/13.
✓ 44014 7/14	Pug.Sd 1922	Corrects figures for authorized work. Y
✓ 48274 9/9	Dept	Survey C&R and ORD: Rect. report as to cause of delay in transmitting papers held up between SE and C&R from May 3rd to Sept. 5. Y Ref. Dept. via Ord. Fwd. to Ord. May 11 - 9/11
✓ 56018 12/8	Pug.Sd. 4386	Item 37 on survey---overhauling auxy condensers together with their air and circ. pumps. Sub- mits revised estimate. Y Fwd Dept-Rec. appd. 12/14. Ret 12-1-14 To--Appd. 12/16.
✓ 71814 6-22	Dept 17437-85	1912 & GALVESTON: to be placed in second reserve immediate. Y. Pug.Sd. rect. instructions re appropriation against which to charge equipage. K (To Pug.Sd. instructions. 6/22.)



CHATTANOOGA: MAIN ENGINES:

Number.	Date.	From or To -	Subject.	
59419	1/18	Pug.Sd 247	Repairs to main engines.Y	
59697	1/20	Pug.Sd 342	Cylinder liners, main engine: manufacture. Y	
62337	2-24	Pug.Sd 1172	Rebabbitt std thrust bearings: est. Y	
63908	3-13	Pug.Sd 1523	Main engine l.p. valve balancing gear: est. for connecting with condenser.Y-D	
			1913	
94078	3-8 3-29	CO Pu.Sd 9441	Install new circulating coil in port main engine thrust box. Y	
100039	6/17	Pug. Sd	4-hour trial, re failure of engines to use steam	154--2
			1915	
142569	3-13	CO T	Reet IP valve for port main engine.Y To NY--Reet manuf 3/13 To S&A-- Reet for shipment. 3/13 NY turned in 3-16 To--(R) Ready shipment NY 26th. 3/20	

CHATTANOOGA: MAIN ENGINES. 154-9

1917

Number.	Date.	From or To--	Subject.	
✓ 185862	4-17	CO	Reports on accident to stbd main engine: blew out cylinder head. Y To--Noted. 4/28	
✓ 223941	4/19	Pac Flt T Copy	1917 Reply for waiting for spare piston rings. Y	
243911	8/18	To CO	NY is repair yard for present. Directs for retain crank shaft at yard for present.	154-8
268244	12-3	CO	Change metallic packing.	154-8
350442	9-17	CO CANCEL	Request piston rods for main circulating engine rods. Print to CO, rods print re above, 9-24	
		1920		
477467	1:26 1:29	CO European Forces	Request manufacture one rotary clutch drum. Y	
		1921		
601327	12/12 11/20	Boa S&A	Request disposition of engine capstan from SANDS turned in by CHATTANOOGA IR.	689-1

CHATTANOOGA: BOILERS ETC:

Number.	Date.	From or To--	Subject.
475632	1:21 1:22	CO European Forces	Request machine two new sheets for distiller.Y
479506	2:10 2:11	CO European Forces	Request weld crack in leg of No.5 boiler.Y
487234	3:11 3:18	CO European Forces	Submits report on inspection and condition of No.1 boiler.Y
489122	3:30	CO	Request rivet and calk patch on low pressure evaporator.Y
490199	4:6	European Forces	CO requests refit and calk low pressure evaporator.Y
490987	5:1	European Force copy	Request B&W boiler be sent at once.Y
To : C. F.S. Base - no further action your part necessary. Bu arranging for ship of cross box 5-4		FSB - Red shipment cross box from Ports to CO. Y serial 2618. 5-3 Phone F.S. Base. 5-4	
491480	5/3	Flt Supply Base	FSB-confirms telephone conversation-5:4-Y Confirms telephone conversation in connection with shipment of B&W cross box for installation on - Y
492379	4:23	CO	Request weld crack in lower front cross box No.3 boiler.Y

1920

3241

1918

3

CHATTANOOGA; BOILERS; ETC.

Number.	Date.	From or To—	Subject.	
283612	2/21	Chasn	Asks where can obtain boiler tubes requested be ship - Y To (7)-4" boiler tube available any other navy yard east coast vessel should obtain when near one. 2-23 & CO	
215838	6-7	Phone NY	Re ship's requisition for boiler uprights and covers on 6-6 Y Phone NY re above, 6-7	
356073	10-8	Phone NY	authorizes issue of boiler tubes without cutting Y	
375262	12-7	Phone NY	Comments re boiler tubes, Yb	
380121	012-20	CO	Repairs to boilers	Y

154- 10 CHATTANOOGA; BOILERS; ETC.

Number.	Date.	From or To—	Subject.	
361023	12:26 12:27	CO At. Cruiser	Req. renew shell and front head of 1 Navy Standard evaporators Y	
362013	1:1 1:2	CO At Cruiser	Rea. oxyacetylene weld crack in front head casting in number one evaporator Y	
366194	1:20 1:22	CO At. Cruiser	Req. tag #1 evaporator be covered with galvanized iron Y	
CHAT 172	4-30	To S.O. South Brook	Shipt of spare boiler material. Yh copy to CO.	
CHATT 172-	9-13	From S.O. FSB via 3rd Dist.	Shipment of spare boiler material.	Yh-R
475634	1:19	CO V O I D	Request renew discharge line from distiller and flushing line-renew gears for lathe carriage, etc. Y	

CHATTANOOGA: BOILERS: ETC.

Number.	Date.	From or To—	Subject.	
748 NY	7-2	B&W	DENVER & CHATTANOOGA: headers ready for shipment; asks if desire to change orders.	629
748 NY	7-9	B&W	Certain material shipped June 30th	629
252457	10/3	To NY	Spare boiler material for.	184-10
255298	10/17	CO	Reqd authority to increase working pressure in evaporators and run at full effect, on account of limited amount of coal that can be carried.	
			To—Auth pressure of 50#.10/18	
			CO test of No 2 evaporator shell — fwas report 11/6 h	
257952	10/22	NY SEE BELOW	Reports on examination of boilers.Y	
		Fwd Dept- 11-15 R E 12/15	Fwd Dept. 12-18	
260475	11-4	CO	Correspondence to hush yard. 12-24	
			Repairs to pressure exhaust main suction line evaporators - Y	154-8
265244	12-3	CO	New tube sheet for distiller.	154-6
257952	12-27	SEE ABOVE	To CO (T)-Wire chas special boiler and other material required for urgent repairs. 12-27	
			Com. Cruiser Force 12/26	

1917

CHATTANOOGA: BOILERS. 154 -- 10

Number.	Date.	From or To—	Subject.
270727	1-2	Chasn T To Ports. RB. 2-14 Y wd Chasn- 2-11 Norf - fire tile shipped 1/19 - 2/25 wd Chasn- 2-26 R B 3/11 To Charlestown - 2-21 RB 3-5.	Bricks required for repairs to main boiler; asks if available at some other yard. Y CO - gives estimated loss of bricks in removing. 1/4 To (T) - Fire tile for being investigated you will be informed. 1-5 To CO - Wire immediately number and kind fire tile requiring renewing in all boilers giving mfgs drawing number. Bu plan 1-1-398 1-3 Chasn (R) relative to fire tile necessary to renew 1-4 To Norf - List fire tile needed. 1-5 To Boston - ditto 1-5 To NY - ditto 1-5 To Phila - ditto 1-5 Phone Ports - will issue shipt order latter. 1-3 Norf - 5000 item one only. 1/9 NY - 1/9 (T) Boston - 1/9 (T) Phila - 1/9 (T) To 3rd - get shipt 210 fire tile from Norf to Chasn - 1-10 To Chasn - List fire tile necessary. 1-10 To NY - No refts to be made from NY yard. as shipt to be made fro Norf. 1-10 To Boston - ditto to NY. 1-10 To Phila - ditto above. 1-10 To 3rd - get shipt fire tile from Ports to Chasn. 1-10 Norf - 1/11 - Y To Norf 2-14 To Ports 2-14
281049	2-12	Charleston T-R	Request recommendations relative to se- curing boiler tubes. Y To (T) - Should obtain spare boiler tubes when near Norf or NY or Ports if urgently needed for repairs secure from Norf. 2-15 & CO

CHATTANOOGA: BOILERS: ETC.

Number.	Date.	From or To—	Subject.	
✓ 56017	12/8	Pug.Sd. 4387	Inswinging furnace doors for; submits increase estimate. Y&D Fwd Dept.-Rec.appd. 12/14 RB 12-15 a'ppd To Pug.Sd-Appd. 12/16.	
56375	12/13	Pug.Sd. 4424	Submits estimate for replacing defective 2" tube. Fwd Dept.-Rec.appd. 12/19 RB 12-21 a'ppd To--Appd. 12/21.	
57721	12/30	Pug.Sd.	Submits estimate for renewing all 2" tubes. Y (C) to --- appd. 1/5. Fwd Dept. 1/6. RB 1-6 a'ppd	
56912	12/19	Pug. Sd	& GALVESTON Relative to overhauling boilers and final setting of safety valves	212--10
58765	1/8	Pug.Sd 79	Fit additional zincs on drums of Y. Fwd Dept. recd 8-17. RB 1-19 a'ppd (C) to --- appd. See 58764-212-10. 1/17.	
61008	2/6	Pug.Sd	& GALVESTON: furnace castings for B&W boilers, fwd's vandykes of those actually installed	212--10
62055	2-21	Pug.Sd 1122	Operating gear for boiler safety valves; est. for repairs. Y	
62338	2-24	Pug.Sd 1169	Test of boilers; est. for yard assistance. Y	

CHATTANOOGA: BOILERS: 154-10

Number.	Date.	From or To--	Subject.	
66739	4-15	Pug.Sd 2150	Reqt. ash guards be fitted in fire rooms to prevent ashes and coal dropping on pumps.Y	
114746	1/6	G.OI	1913 1914 Internal feed piping, and ash ejector piping, alterations.	154--8
164286	8-9	CO	1915 Reqt relocation of evaporator and distiller plan.Y Fwd Dept--rec disappvl 8/27 RB 9/1 To via Pac Flt-- Disappvs. 9/1	
164592	8-24	Pug.Sd	Ash ejector; fwds vandyke; proposed new nozzle.Y To--Appvs item (5s). 9/14	
171801	11/20	Pug Sd T-	Side panels, all boilers sprung; numerous leaks; in brick, bad condition.Y PS (T) Gives sizes 11-24 To--(T) Auth urgent necessary repairs. 11/24 Fwd Sd--Reqt shipment be expedite. 11/26 To--(R) Cannot furnish fire brick during present visit ship; make temporary repairs ships force. 11/30 Gives number and size of fire brick required.Y Fwd Ports--Asks if can supply material. 12/3 RB 12/10 To Ports--Bu will purchase material. 12/10	
172412	11-24	Pug.Sd		
173012	12-4	Pug. Sd T	Reqt authority to remove fire extinguisher in connection with repairs.Y To--(T) Appvs. 12/6	

CHATTANOOGA: AUXILIARY MACHINERY

1920

Number.	Date.	From or To—	Subject.	
478658	3/1	To Chattanooga	Type GG power boat engine 2861 installed mill 3286 instead of 3299- Y	611-2
482604	3/19	C&R	Copy letter to Phila assigning 33' steamer to CHATTANOOGA: Y	611-1
486028	4/6	C&R	33' steamer 1138 assigned to CHATTANOOGA Y	611-1
495707	5/22	Phila (?)	35' steamer 1139 completed and assigned to CHATTANOOGA: Y	611-1
512967	7-18	CO.	Reports transfer of boats to GALVESTON.	611
513655	8-25	C&R.	Instructions to Adriatic forces re trans- fer of boats.	611
516080	9/8	C&R	Assignment of steamer 1138 to CHATTANOOGA 5037 now on vessel Y	capt 611-1
516363	7/23	GALVESTON	Reports transfer of boat to CHATTANOOGA Y	611
516446	9/8	C&R ET OR	HENDERSON 40' steamers 15043 15044 to be turned in at Phila yard Y	611-1
516446	9/8	C&R	CHATTANOOGA directs shift of steamer 1138	611-1

Number.	Date.	From or To—	Subject.	
517791	9/17	C&R	Reports transfer of boats from GALVESTON to CHATTANOOGA Y	611-2
517791	9/29	To Co CHATTANOOGA	Dispn of mchry on command of Hull Rept report be submitted Y	611
572069	6/29	To CO CHATTANOOGA	Type GG engine 2861 number of hull in which installed Y copy C&R	611-6
576396	7/23	Fwd C&R	CHATTANOOGA 35' motor boat 3431 whereabouts 30' motor launches etc Y	611-2
576396	7/4 7/20	C&R Bor ton	In conn with 35' motor boat 3431 for	611-22
579371	8/5	C&R	Copy of letter to Turkish forces asking if 35' motor boat 3431 was turned in by CHATTANOOGA or Galveston Y	611-12

CHATTANOOGA: AUXILIARY MACHINERY.

1914

Number.	Date.	From or To—	Subject.	
128929	7/2	C&R	Assigns steamer 1934 now building M. Is. in lieu of 449	611-1
134040	9-9	To Norf.	Send name plate for eng. 2249	611-12
135157	9/22	C&R	Assigns steamer 1934 to CHATTANOOGA and cancels assignment to CLEVELAND	611-1
143626	12/28	M Is	1915 Reports receipt of boiler 1339, steamer 449	611-1
144236	1/5	CHATTANOOGA	Reports changes in machinery	611-1
200587	8/24	CO	Assigns motor sailing launch 2266 in lieu of 1897	611-2
218799	3-15	CHATTANOOGA	Rep-rts turning in motor boat 1897, engine receipt of motor boat 2266, eng 2513.	2249 611-2
218960	3-20	C &	CHATTANOOGA: assigns motor sailing launches 1385 and 6.	611-2
225083	4-27	To CHATTANOOGA via SAN FRAN	By records shows that engine in motor dory 1076 is 3124 instead of 3127 as reported.	611-2
234709	5-20	C&R	CHATTANOOGA: auth M Is to do work on 1385 and 1386.	611-2
246160	12-12	Report	611-2	

154-11

CHATTANOOGA: AUXILIARY MACHINERY.

Number.	Date.	From or To	Subject.	
260150	11-10	C&R	CHATTANOOGA; launch 3288 assigned. Y	611-2
289134	3/5	CO	Repairs to ash ejector piping - T O Dept. 3-15 Operation - Repair yard is NY - sometimes necessary to order vessel to other than home yard for repairs. Y 3-11 to go back. Trans. by NY all uncompleted	
315251	3/5	USS CHATTANOOGA	Reqst authority to turn in engine 3134 - Re - in motor dory 1076 is turned into store authority granted to turn engine in with it. 4/13	611-2
316312	6/13	C&R	Copy of dispatch to CHATTANOOGA authorizing transfer of motor dory 1076 to CANADA	611-2
378899	11/29	CO	Repairs to ash ejector lines - Y to NY. Alterations routed apprd. 12-20 Copy to CO and C & T forces. 12-20	
438953	8/11	To go CHATTANOOGA	Records show engine in hull 1386 to be numbered 2250. Instead of 2254, also Ward C-1 boiler No. 1916 installed in 33" steamer 1934 - Y. cross to 611-2	611

Number.	Date.	From or To--	Subject.	
37702	5/2	C&R	BOATS: assigns 33' steam cutter 800 from Pug. Sd to:	611--1
			1913	
96133	4/18	Chattanooga	Have auth. delivery of motor dory 1076 now assigned Tatoosh.	611--2
99568	6/9	Chattanooga	Reqt engine for steamer 800 to replace 672	611--1
103012	7/31	Chattanooga	Reqt auth. to turn in engine 459. with condmned steamer 800	611--1
103259	8/8	C&R	Steamer 800 ordered turned in Pug. Sd. for sale. Issue replace to authorized.	611- 1
✓ No #	8/11	To Pug.Sd & EO via Pug.Sd.	Steamer 800 condemned: authorized to turn into store G-2 eng. 459 and boiler 1808. Y	
103815	Pug. 8/12	Pug. Sd	Reports receipt of launch engine 451 from	611--1

CHATTANOOGA 154--11

Number.	Date.	From or To—	Subject.	
103933	8/19	C&R	Reports assignment of steamer 447 to replace 800	611--1
104756	8/27	Pug.Sd	Reports receipt of boiler 1608 from, for sale	611--1
110086	11/12	To Chattanooga	Motor dory 1076, numbered reported in log maker's number,	611--2
120242	3/18	C&R	Have authorized converting sailing launch into motor sailing launch using machinery from 1385 or 1386, to be assigned to CHATTANOOGA.	611-2
No #	4/9	To Pug.Sd.	Survey 11: steamer 447, G-2 eng. 416 and yard G-1-80 boiler 1843. Sec disapproved. Engine 416 and boiler 1843 will remain assigned to steamer 447. &	
122096	4/10	C&R	Directs conversion sailing launch 548 into motor sailing launch 1897 for CHATTANOOGA	611-2
122619	4/06	C&R	Auth issue steamer 449 to CHATTANOOGA lieu 447	611-1
122879	4/13	Pug.Ed.	GC engine 2249 issued for sailing launch 548	611-2
122878	4/14	Pug.Sd.	Boiler 1843: engine 416 turned in by CHATTANOOGA to be retained with steamer 447 for yard use	611-1
125943	5/20	To CHATTANOOGA	Omissions in log: steamer engine data	611-1

Number.	Date.	From or To--	Subject.
56018	12/8	Pug Sd	Item 37, survey: overhauling auxly condensers 154--8 1912 1913
NSA 288	1-28	1919 To NY Phone	Yard advises can supply Admiralty metal tubes 129" long 10'-9" to fill reqn-
CHATTAN OOG: NSA 288	1-31	To CO	Phone- Advises 1000 tubes for vessel required shortly. 8000 tubes to completely retube vessel- reqst s ampl be fwd-

154-13
CHATTANOOGA: HEAT-VENT REFRIG:

CHATTANOOGA: HEAT-VENT RÉFRIG:

1921

DUPLICATE:

545378

To Inspr brook ; Compressor connecting rod; Authoriz
ation appvd ; Returns sketch 2/18/21 Ds

CHATTANOOGA: HEAT. VENT. REFRIG. SYS.

1912

Number.	Date.	From or To—	Subject.
67971	4-29	Eng. Sd 2446	Change lead of cold air piping from refrigerating plant to scuttle butt.
✓ 68204	5/7	To Eng. Sd.	Job Order 3084/113. cost much in excess of usual cost of overhauling an ice machine: rect statement of what work was done. RE 5-28
1913			
94077	3-18 3-29	CO Eng. Sd 9438	Ice machine; install re-cooler on D. To Eng. Sd. appd. 4/4.
1914			
128478	5-31	CO	Refrig and cold storage plant inadequate. Y Fwd Dept via Can. Rec. appr. 7/3. 12 Fwd Dept VIA C&R rect reconsideration 7-17 RE 7 8 appd Fwd Eng. Sd. 8/1. 1917
135150	9-22 9-23	H. B. Roelker Brook 23	4 DES MO NES: ice machine; recommends changes in: submits print. D To Brook-- (T)ix Appvd. 9/28 Fwd Brook-- Appvd. 9/28
136283	10-7	Brook	Ice machine: rect prints for inspection purposes. D

CHATTANOOGA: HEAT: VENT REFRIG. 154-13

Number.	Date.	From or To—	Subject.
✓136298	10-7	Roelker, H.B.	& DES MOINES: ice machine: fws tracing.D
✓136774	10-10 10-12	Roelker, H.B. Brook	& DES MOINES: fws tracings of ice machine: showing proposed changes.D To Brook--Appvd. 10/20 Brook returns 10-28
84	10/27	Fwd Brook	Ice machine: re beads before prelim inspection of tubing 629
144104	1-8 1-9	Pug. Sd Dept	Ice machine: reports receipt of: date of completion: not to be extended to Jan 23 to permit installation.Y Fwd C&R-- Noted. 1/11
144480	1-14	CO T	Reqt authority to draw brass radiator from store to replace iron: shins force to install.Y To Pug Sd-(T) Appvs. 1/14
144997	1-13	CO	Reqt authority to install brass in lieu of iron radiators.Y
155195	5-7	CO	Reqt authority to turn in iron radiators.Y To Via m.13-- Appvs. 5/18
✓250475	11/7	CO	Repairs to ice machines - Y To NY- alterations ap vd. 11-15
✓250475	2/7	INSUR	1 9 2 1 Compressor connecting rod for Allen ice machine fws 11/15/11 H 310

CHATTANOOGA: PROPELLERS:

Number.	Date.	From or To—	Subject.
✓ 440854	8:6	CO	Fwds tracing showing corrosion of shafts.D To CO- Fwd prints 8/26
440964	7/31	CO	Submits detailed report covering corrosion of shafts - also work done to remedy. To CO- Steps taken to prevent corrosion of propeller shafts appvd. 9-15
✓ 441764	8:25	NY	Details of angle bulkhead blade for main ac generator cable stuffing boxes- Fwds prints.D
✓ 441804	7:11 8:25	CO O&R	Requests overhaul sea valves and renew zincs-renew zincs on Burney gear, etc.Y Fwd NavOps Operations-8:27
444202	7:31	CO	Report regarding corrosion of shafts.Y
510059	8-5	To N.Y.	Reqst info re: status of work CHATTANOOGA spare propeller shafting machining of. Y N.Y. - States job order closed and shafts turned into store on account of receiving no inform from Bur. by 3/1. 8/21 Y To NY 8/24 N.Y. - reply made 8/21 Y 8/26 NY-13:21-Y

Number.	Date.	From or To--	Subject.
324112	7-9	To S&A	Best shipmt patterns from Insp Rath to Phila Y of all types, 7-11 Shipmt order July 19 RB Asks correct bal of right hand propellers CLARK type 689-11
345303	9/6	To NY	
351190	9-21	Phone NY	Re-examination of propellers for, at NY Y
374427	11-29 11-30	CO Atl. Cruiser To Insp. Erie. (T) Gives ship. instructions 12-18 Phone Asks status of work on starboard propeller shaft, 12-30 To Insp. Erie (T) Wire earliest del. date on 1 stern tube shaft 12-28 Norf. copy of let to NY fwding correspondence 1:6 Y Phone NY 1-17 Phone NY S.O. 1-21 To NY 1:3 12-4:2 with print and report on tail shaft. CO-7:17	To NY Phone - re condition of port prop shaft 1-14 Fwd report covering corrosion found in shafts and recommendations in connection with Ed. H. Carr. 1-7 RB 1/2 Y Insp. Erie tel. Pickle steel shaft can be shipped 12:18 Carbon steel shaft 12:31 To NY re corrosion found in shaft 1-11 To NY re condition of shafts 1-11 Insp. Erie tel. shaft ready for shipment 12:18 req. instructions 12:14 Insp. Erie Dec. 17 - Telegram - ship- ment order not yet received To Resident Asst. Insp. (T) Wire when first shaft has passed inspection 12-13 Insp. Erie-T. One stern tube shaft. 12/19.
381405	12/28	Dept	Ship available at NY for replacement of starboard propeller shaft and nec repairs Y 12-18
SE 1793	7/14	To S&A	Rec award to Erie Forge Co R

154 -- 14 CHATTANOOGA) F O R M 134:

Number.	Date.	From or To—	Subject.	
2 395588	2-18	To S.O. Ny	Receipt of propeller blades and parts. Stock records. NY fwsd stock card 3:3	
✓ 420919	5-1	CO To I.M. Ny- Lists propeller shaft forgings on order for with Allis-Chalmers Co Contract 995. 8-12	Submits report of exam and corrosion of tail shafts- Coating shaft with marline and coating marline w plastic bitumastic will protect. Y to I.M. Ny- Needs and that yard underlain immediate repair machining of two N.Y. 7/3	
420611	5-26	To S.O. Ny	Shafts, Stern Tube. Gives corrections for stock records. Y N.Y. fwsd stock card - 5/28.	
995	6/7	New York	Final inspection delivery notice for CHATTANOOGA. Y.	629
995	6/18	N.Y.	Plans changes of material sheet covering Stern tube shaft for CHATTANOOGA. Y.	629
432549	5:1 6:18	CO European Forces. European Forces docking report 6:6	Submits report on corrosion of tail shafts. Y To European Forces)-Vessel to be dock at first opportunity and shafts served with either marline or with insulated taps. copy to CO. 7-17	

Number.	Date.	From or To—	Subject.	
58721	1/15	To Pug SD	& GALVESTON: Job order 3d179-111 and 3D197-113, reqts information as to cause of difference in cost of material.	212--14
59772	1/27	Pug.Sd 371	Propeller measurements: fwds.D	
			1913	
91425	3/1	To Pug. Sd	& GALVESTON: shafts, forgings in stock, asks if of uniform diameter throughout.	212--14
97788	5/21	To NY	Plans 22-A-10 and 46, prepared at NY yard; discrepancies in dimensions of shafting at hub: rec be corrected. NY plans traced from working drawings at Crescent Ship Yd. 5-24	
✓ 230961	5/18	CO	Reports striking some submerged object and binding propellers Y To S&A--Reqt give shipping instrns by telegraph. 5/1 To S&A--8/15	
247279	9/4	To Gramps Co	CHATTANOOGA CLEVELAND DENVER DES MOINES GALVESTON & TOCOLA, Composite propeller. Reqt ests covering manuf.	697

154 - - 14

CHATTANOOGA: PROPELLERS & SHAFTING.

Number.	Date.	From or To—	Subject.	
32806	11-10	Hyde, Windlass Co.	Propeller blades for CHATTANOOGA class: request inspector be sent to examine pattern before casting of propeller. S	629
32806	12-4	Inspr Bath	Two propeller hub castings passed inspection for CHATTANOOGA Class. S	629
266461	12-11	To Bost NY	CHATTANOOGA & Class. Composite propellers for. Ewds blueprint of. Ordered from Hyde Windlass Co. PY	697
270235	12/25	CO	Request spare propeller blades now at NY be shipped to Chasn. Fwd S&A-12-31 NY - 8-1-24 RB 2-1 Fwd Chasn 1-1-25 Fwd S&A- 2-11 R B 2/8	
282673	2-14	To Chasn	Spare propeller blades. If new blades now on hand are to be installed repair and place in good condition those removed. Chasn - no old blades removed - one repaired and one re-installed - Y To - Advise if one port and one starboard propeller are on board and if not what disposition was made of them. 4-9 RB 4-20. Y CHATTANOOGA: - Report 2 spare propeller blades on board. Y 4-22	
320245	6-25	To N Y	Rqst print covering propeller ~~and~~	
320245	7-5	To S&A	First print covering propeller ~~and~~ to NY Y To NY. Rqst if above ship. 10-3 To NY. Ask if patterns have been recd 12-3 R.B. 12/19	

CHATTANOOGA: PROPELLERS: SHAPING:

FILE No.	From or To— (Dated)	Subject
✓ 33693 3/8	Pug.Sd 863-E.11	Blading; reports receipt from NY Yd. without being machined and fitted; submits estimates for doing work. Y Swd Dept. Rec. auth. be granted to machine 3/15. A.B. Appd. 3/17. To -- Auth. 3/17.
39015 5/11	Pug.Sd 1694	Stern tube shafts; submits prints and est. Y Fwd Dept. Rec. be renewed. 5/19. RB 5-22 a'ppd To -- Estimate increased. 6/2.
No # 6/9	To SEA	Reqn. 328; bids for 2 stern tube shafts; Rec award to Midvale Steel Co. 9.9¢ lb.
✓ 42680 6/26	Pug.Sd 863	Recommends repairs to propellers, Y Fwd Dept. Rec. appr. 7/10. RB 7-12 a'ppd To -- Apprd 7/13.
✓ 44901 7/24	Pug.Sd 2822	Work on propeller blades; recd. that be stricken from charges against repairs to vessel. Y Inc with 44938 to Dept. 8/8 To -- See 44938-154-14. 8/10.
✓ 44938 7/24	Pug.Sd 863	Blades; submits estimate for stbd. Y To -- Fwd Dept. Rec. auth. to mfr three starboard blades. -- To mfr via SEA. Recd shipment of patterns to Turcot 8/8. RB 8-12 a'ppd To -- Mfr 3 starboard blades auth. Set of spare recd from NY to be retained as spares. 8/10.

1912



CHATTAHOOGA: PIPING SYSTEM.

1912

Number.	Date.	From or To—	Subject.
61291	2-10	Pug. Sd 766	Make connections for supplying live steam for disinfecting fresh water system. Y C&R recast ret. 3/20. Fwd C&R. 3/27.
			1913
198556	9/15	CO	1916 Run branches of reserve feed bottom filling line into double bottoms. Y Fwd C&R--9/7
204600	10-17	CO	Change lead of distiller discharge piping. Y Fwd M. Is. — For est and rec. 11/6
388867	1-21 11:25	CO At Grubser	Req. renew brass casting on aux. steam line to evaporator and renew valve pipe in starboard evaporators. Y

CHATTANOOGA: ALLOWANCE:

Number.	Date.	From or To—	Subject.
478289	2;11	CO	Request additional money allotment of \$1300.00.Y Fwd S&A. 3-1
498432	5/21	CO	Reqt additional money allotment be made - Y Fwd S&A. 6-10.
512963	7/14	CO	Rqst addtl money allotment. Y To S&A. REcommd addnl allot of \$225.00 for first quarter 1921 be granted CHATTANOOGA 8-25 To CO disappvd 8-25 CO-10;31-Y Fwd S&A. 11-24
526097	10;20	CO	Request action in connection with addtl money allotment for 1st quarter.Y To CO give action 10-20
515310	1;25	CO	To CO Allotment authd cc S&A 2/17
3 552213	3;1	CO	Request inc in quarterly money allotmt.Y To CO Allotmt authd cc S&A 3/26
570202	6;17	CO	To CO (m) Approved cc S&A 6/18 To CO Give action 6/24 CO 6/3 Y

CHATTANOOGA: ALLOWANCE.

1916

Number.	Date.	From or To—	Subjct.
200057	9-5	CO	Request change in size of fans.R Fwd H. Is-- 9/26
209592	12-16	CO	Request authority to turn in boat engines and ice machine spares, etc.R To—Grants auth. 12/27
<i>Varia</i>	7/5	CO	<i>Request addl money for ice machine to added to allowance list</i> To—Adds to allow. 7/12
247356	8/31	CO	Request portable gas analysis outfit be added to allowance list. R To—Disappvs. 9/7
271380	1-5	To CO	Allow lists changes. Gives changes. R
✓ 471285	1:1	CO	Reqd addtl money allotment of 500 dollars.Y Fwd SKA. 1-26

CHATTANOOGA: ALLOWANCE

154 - 21

Number.	Date.	From or To—	Subject.
287366	3-5	CO	Request increase in money allotment. R To SAA—recommends increase in quarterly money allotment of \$250. 3-9
312001	5/10	CO	Request additional money allotment - R Fwd SAA 6-1
329223	7/19	CO	Request 200 money allotment - RA Fwd SAA 7-25
329222	7/19	CO	Request 1,000 additional money allotment - RA Fwd SAA 7-26
378214	1/4/19	To CO	Fwd allowance books CO 5/7 To CO—Fwd appvd elec allow lists. 6-18 To CO—Advise if allow books received. 8-13RB-9;26
398367	2:26	CO	Submits req. for increase in money allotment Y Fwd SAA. 3-3 Fwd SAA. 3-3
437055	7/29	M Is	Copy of letter to Bost fwding allowance lists - Y
442067	8:20	M IS	Copy of letter to Boston fwding allow list. Y

CHATTANOOGA: ALLOWANCE.

1913

Number.	Date.	From or To--	Subject.
✓ 88938	1-18	CO	Reqt. authority to add blinker light for night signal set. L To Pug. Sd. via S&A. appd. 2/E.
89187	1-28	CO	Recommends addition of fans and ammeter. R To S&A, for Pug. Sd. amendments. 2/19.
✓ 95150	4/11	CO	Requests addition of portable buzzers. L To Puget Sound--Add 4/23
97293	5-8	CO	Reqt. addition of micrometers and die nuts. R To Pug. Sd. additions. 5/15.
1914			
119349	3-2	CO	Reqt. increase in money allotment \$200. R and Dept. rec. appr. 3/9 To---appd. 3/13. and S&A. 3/13. RB 41
✓ 120771	3-18	CO	Reqt permission to turn in 8 magazine lanterns and strike from allowance. R To Pug. Sd. appd. 3/26.
130287	4-5	CO	Reqt authority to turn in portable deck lantern. R To---appd. 7/20.
✓ 137697	10-8	CO	Reqt addition of elec fans. L

CHATTANOOGA: ALLOWANCE 154-21

Number.	Date.	From or To--	Subject.
139720	10-15	CO	Reqt authority to turn in unnecessary stores. R Fwd S&A--Recommendations. 11/17
145534	1-21	CO	1915 Reqt addition of elec fans. R To Via Pug Sd-- Add to. 1/28 To Via Pug Sd-- Elec lists; fwsd blanks for preparation. 3/28
155730	5-14	CO	Fwsd R To--Returns with changes. 5/26 To--Add to. 6/1 To--Returns list for changes. 6/15RB corrected 8/24 To--approves and fwsd blanks 8/26
✓ 157292	6-4	CO (2 letters)	Reqt additional valve reseating machine. To-- Add to. 6/14
157954	6-9	CO	Reqt list; fwsd R To Via Pug Sd--Returns appvd. 6/22 RB 7/14
164157	7-24	CO	Reqt increase in money allotment. R Ref. Dept accounting methods not d satisfactory 8-24 RB 8/28 Fwd S&A--8/30
167523	9-20	CO	Reqt authority to transfer certain radio material to Title A or increase in money allotment to cover. WT To Via S&A--Authorizes. 10/13
178727	2-14	CO	Reqt addition of ash sprinkling hose to allowance. R To-- Add to. 2/15
197059	8-26	CO	Reqt increase in miney allotment. R Fwd S&A 8-19

154--21

CHATTANOOGA; ALLOWANCES.

Number.	Date.	From or To--	Subject.	
41632	6/21	To S&A, Puget. C.O.	Spare parts for motor generator added.R	
53205	11/3	Puget Sd. 4012	Asks when revised may be received.R To---Copy fwd:reast recommendations.11/14. Fwd Ord:11/14.	
54351	11/16	Puget Sd. 4190	S.E.-Equip. Forwards for approval.R (T) To-App'd.12/2.	
58228	1/5	Pug.Sd 18	Recommends addition of glands for aux. stuffing boxes to.R To---via S&A.app'd.1/17.	
58852	1/11	Pug Sd	GALVESTON: recommends additional fire control telephones	212--21
58850	1/20	To Puget Sd.	Copies of appendic forwarded; instructions of distribution.R LRB 2-8	
59420	1/18	Pug Sd	& GALVESTON: recommends safety lamps be eliminated from	212--21
59775	1/23	Pug.Sd 388	Reqt. authority to add salvo contact makers.R To---via S&A.addition made.2/3.	

CHATTANOOGA: ALLOWANCES. 154--21

Number.	Date.	From or To--	Subject.	
59853	1/29	To Puget Sd via S&A.	Change: fire control telephones.R	
58775	2/24	To Puget Sd via S&A	Wrenches added.R	
✓ 63359	2-21 3-4	Pug.Sd 2226 S&A 106338	Reqt.R That Pug.Sd Directs list be made to agree with GALVESTON 3. 3/12. RE 4-3 To Pug.Sd via S&A. fwsd lists. 4/6.	
69157	5-15	Pug.Sd 2856	Reqt. valve springs, be omitted.R To----via S&A.omitted.5/25.	
74121	7/19	Pug.Sd	& GALVESTON: allowance books, eliminate disconnectors.	212--21
76078	8/13	Pug.Sd. 4776	Allowance: recommends wrenches be changed.R To P. Sd. via S&A amend. 8/22	
76020	8/14	Pug. Sd	& GALVESTON: reqts boiler ferrules be eliminated.	212--21
82628	11/4 ?	CO C&R 9850-E.78	Signal lanterns. To Pug.Sd via S&A. directs amend list from electric to combined oil and electric.--Ret C&R.11/21.	
			1913	

1915

CHATTANOOGA: AIR COMPRESSORS.

Number.	Date.	From or To—	Subject.
155246	4/22	CO	Relocate air compressors: rect. Y Fwd Dept-- Rec disappvl. 5/19 RB 5/21 To Disappva. 6/21
313096	5/16	CO	Relocate air compressors- Y C-6-7 RB 6-13 To C O, authorizing alterations 6-13

1917

CHATAHOOGA: Gages and Instruments.

Number.	Date.	From or To—	Subject.
✓ 257669	10/25	CO	Regt engine room clocks. Y To- Directs survey and if condemned new clocks may be obtained. 11-2
✓ 272828	1/4	CO	Overhaul engine room clocks - Y
377899	12:13	CO	Repairs to steam gauge Y

[illegible]

Number.	Date.	From or To—	Subject.
351855	9-1	Mare Isl.	Quarter Ending 7-30-17 Y
359556	?	CO	Quarter ending 9-30
384935	1/1	CO	Quarter ending 12/31 - Y
421037	5-1	CO	Quarter ending 3/31/19 - Y
437418	7:1	CO Buffalo	Quarter ending June 30.Y
460287	10-1	USS BRIDGEPORT	Quarter ending 6/30. Y
463110	10-1	CO BRIDGEPORT	Quarter ending 9-30. Y
469241	1:1	CO BRIDGEPORT	Quarter ending December 31st.Y

GUANTANAMO: RECORD OF WORK.

1913

Number.	Date.	From or To--	Subject.
102087	7-17	Pug.Sd	Aug.10/10 to July 5/13. Y
122677	10-4	Pug.Sd	Aug 10-10 to Sept 30. W
122877	4		
115538	1-14	Pug.Sd	Quarter End. Dec 31.Y
122824	10-4-13	Pug.Sd	Aug 10-13 to Sept 30-13. Y
122677	4-16	Pug.Sd	Quarter engine Dep Mar 30.Y
122992	4/4	Pug.Sd.	Quarter ending March 31st.Y
125853	5/22	Pug.Sd.	Mar.31 to Apr.26.Y
126801	6/1	M.Is.	May 1 to May 14.Y
147991	1-23	Pug.Sd 12-16 to 1-23	
176925	1-18	M.Is	July 10 to July 29.Y
176032	1-29	Pug Sd	Jan 23 to Dec 27
181381	5-4	M.Is	June 4 to June 22
VOID			

1914

1917

CHATTANOOGA: RECORD OF WORK.

Number.	Date.	From or To—	Subject.
231854	5/29	Key West	May 17th to June 2nd Y
240038	7/21	Key West	Record of work up to July 20th Y
240124	--	CO	Quarter ending June 30th Y
256025	--	CO	Quarter ending September 30th Y
276892	?	CO	Quarter ending Dec 31-Y
299426	4-15	CO	Quarter ending 3-31. Y
329055	7-1	CO	Quarter ending June 30th. Y

Number.	Date.	From or To—	Subject.
527540	9:2 10:5	CO H-6 Naval Det Turkey	2/21 Various material. Y
542776	12/7	CHATTANOOGA	12/7 Bars, Gauge Y
551490	2/15	CHATTANOOGA	14/21 Condensers Y
552299	1/15	CHATTANOOGA	13/21 Ventilating sets Y
552474	3/10	CHATTANOOGA	15/21 Telephone Y
571675	6/24	Boston	17/21 Vise Y
574918	7/11	Boston	1/21 Reflector light, lanterns Y
575610	7:17	CO	1/21 Electric bell Y

CHATTANOOGA: SURVEYS:

1000

1

Number.	Date.	From or To—		Subject.
471373	12;5	CO	4-20	Piston rods.Y
471374	11;27	CO	3-20	Bulb and telephones.Y
471372	12;5	CO	5-20	Drums.Y
478283	1;27	CO		5;20 Jack boxes.Y
478269	2;7	CO	7;20	Gauges.Y
480370	2;12	CO	8/20	Tube expander.Y
488194	3;31	CO		Copy of letter to Lieut.C.L.Hansen,Navgn fwding copy of survey for statements.Y CO-4;13-Y
492332	Fwd 3;30 CO 5-11.	CO	9/20	Various material.Y Chattanooga 7/8 Y
492331	3;30	CO	10/20	Various material.Y
492321	4;12	CO	11/20	Various material.Y
492329	5-11			Fwd to CO. Y.

154-27: CHATTANOOGA: SURVEYS:

Number.	Date.	From or To--	Subject.
498716	3:30 6:8	CO N London Sub Base	9/20 CO-7;8-Y Various material.Y
508527	6:26	CO 16/20	Metallic rings.Y
508528	5:14	CO 15/20	Propeller.Y
508529	5:7	CO 14/20	Gauges.Y
508530	6:31	CO 13/20	Boiler boxes.Y
512964	7-14	CHATTANOOGA 3-21	Breast drill; Y
513846	7-27	CHATTANOOGA 4-21	Canvas hose; steam gauge; Y
522121	9:11	CO 8:21	Boiler box and connecting rod.Y
525020	9:37	CO 9:21	Steam gauge.Y Fwd CO 10-30 RD 3/16
525079	9:11	CO 9:21	Boiler box and connecting rod.Y Fwd Detachment in turkish waters 10-30 RD 3/16
525079	8:31	CO 7:21	Generator and ~~water~~ pin bushings.Y

CLEVELAND : ELEC PLANT

1918 DUPLICATE

Number.	Date.	From or To	Subject.
293881		OLD NUMBER	To CO 5-6 RE 5-20
359353	10:9 10:15	CO At Curile	Req. install calibrate air meter for storage battery changing panel. Remove all telephones jacks and telephones etc L
✓ 422970	5-22 6-3	CO Dept	Reqst renew IC cable on voice tube circuit overhaul revolution transmitters etc W To Bd I&S- FWIS correct machine copy to CO. 6-9 Bd I&S--Returns correspondence. 7:15
451954	7-9	CO	Reqst alterations in spring thermostats 7/19 L to CLEVELAND Disapproves replacement

CLEVELAND: ELECTRIC PLANT.

Number.	Date.	From or To—	Subject.	
59912	1/22	M. Is 600	Estimate for testing out before commissioning. L	
64795	3-22	M. Is 2406	Estimates for installing additional bells and lights in connection with space for GSK fwd Dent Recom. 3-29 RB4 To—apd:4/2.	
			1913	
			1914	
97080	1/12	To CO	ETC. Fire control telephone system: fws print for comment as to whether preferable to system proposed.	184-3
251696	9/10 9/26	CO Chasn	Alterations - install additional switches, voice tubes, etc - L To Chasn and CO - Gives action on 10/10 To C&R - Recommendation re voice tube install. 11/11 Chasn - fws plan of proposed magazine lighting circuits, with estimate 11/19 L To (1) - Estimate covering two master switches - apd. for control lights after and fwd magazines of. 11-24	
7293881	3/26 3/30	CO C&R	Request permission to turn in elec wire - L Fwd via NY-4-6	

162 -- 1/22 - 1
CLEVELAND: TRIALS, etc

1

Number.	Date.	From or To—	Subject.	
56662	12/18	Nav	& DENVER: ordered placed in commission reserve, M. Is. Jan. 2, and Feb. 1st	184--2
			1912	
61776	2/9	C.O.	Placed in 2d reserve, M. Is. Apr. 8	438--2
			1913	
499865	6:15	Pac Flt	1920 Request vessel be authorized to omit engineering performance trials. D&S	
		copy		

Number.	Date.	From or To—	Subject.
549094	3:1	C&R	Copy of letter to Boston auth work in connection with alterations to voice tubes. L
594050	9:30	CO	Reqt extend buzzer circuit so as to provide a salvo key in fire control station. L To Spec Svc Squad Extension of buzzer circuit at appvd cc CO 11/12
594049	9:30 10:24	CO Atl Plt	Reqt instal telephone circuit to parallel voice tubes to 6 pound battery L To Spec Svc Squad Instln disappvd cc CO 11/10
594048	9:30 10:15	CO Spec Ser Squad	Reqt instal salvo bell circuit for 6 pound battery. L To Spec Svc Squadron Instln disappvd cc CO 11/12
594691	9/30 11/5	CO C&R	Reqt to install addtl voice tube between fwd and after spotters. L Re C&R 11/12 C&R Copy action to MI 11/18 L
506449	1/11 1/25	1922 Boston C&R	Subm estimates cov voice tube alterations. L Fwd C&R 1/28

CLEVELAND INT C M SYS

1922

Number.	Date.	From or To	Subject.
608512	2/7	CR	Copy of letter to Boston stating addtl voice tubes will not be installed at this time. L
631048	2/20	TC	Install bell circuit from back fire control station in tower. L To TC- via Spec Svc Squad install disappd 7/10

CLEVELAND: INT. COM.

1916

Number.	Date.	From or To—	Subject.
198567	8/14 8/30	CO M Is	Rewire thermostat system. L To M. Is--Disappvs. 9/15
200231	9-1 9-22	M. Is C&R	Fire control voice tubes: plan (Not recd.) Fwd C&R--Satis to Bu. 10/11
275374	5/2	CO	Request copy of equipment letter giving list of fire control telephones. L To--Adds telephones spares to allow. 5/16
238287	7/12	C&R	Alterations to voice tubes and install target bearing indicator on both search lights. L To--Gives action on. 7/20
244214	8/15	O	Fire control voice tubes - fwds prints with recommendations. L Fwd C&R--8/21 R B 11/17

1917

CLEVELAND: INTO COM SYS. 162 - 4

Number.	Date.	From or To—	Subject.	
248509	9/12	To Chasn	Pwds plan showing fire control systems. LY Chasn-Salvo system ok. 9/19.1	
251347	9/20 9/25	CO Ordn	Reqst be supplied with storage batteries for fire control telephone circuits - L To- Reqst disappvd. 10-4	
251696	9-10	CO	Alterations; install additional switches, voice tubes, etc.	162-3
252255	9/25	Chasn	Alterations - install voice tubes from after deck signal station to radio battery desk L Fwd C&R--10/8	
262511	11/22	Chasn R	states cease firing gongs not recd - request authority to install dynamotor circuits - L 10 (T)-10022 volt cease fire gongs a pvd. 11-23	
289239	3-13	Dept	Relocation of guns Nos. 3 and 4. L To NY- Directs that the director follow-the- pointer system be installed. 3-23	
287650	7-10	To Co		

CLEVELAND: INTERIOR COMMUNICATION SYSTEM.

Number.	Date.	From or To--	Subject.	
54569	11/16	Ware Is. 11303	Overhaul engine room gongs--mechanical.Y Fwd Dept. 11/28. B 12-2 appd. To-Appd. 12/2.	
55635	12/1	Ware Is. 11827	Repairs to mechanical fire room telegraph.Y Fwd Dept. Rec. appd. 12/11. To--Appd. 12/13:	
58009	12/30	M. Is.	& DENVER: status int. com. circuits are energized by 1/4 hp dynamotor. recommends call for 2 kw motor generators be cancelled and stricken from list.	184--4
			1912	
59634	1/17	M. Is.	& DENVER: reports status of work of installing dynamotors for energizing int. com. circuits. practically finished before instructions were received to install motor generators.	184--4
64525	3/25	To M. Is.	& DENVER: voice tubes. rec'd list of all installed	184--4
✓ 65653	3-29	M. Is. 3150	Install w.t. telephone in 3SE Dept. L Fwd Dept. not rec. 4/8. B B 4-10 To---disappd. 4/11.	
66401	4/9	M. Is.	& DENVER: voice tubes. fwsd print covering installation	184--4

CLEVELAND 162--4

Number.	Date.	From or To—	Subject.	
70643	6/7	C&R	& DENVER: voice tubes, states those going thru w.t. compartments must be fitted with w.t. mo th pieces.	184--4
72892	6-29	M. Is 6406	& DENVER: voice tubes; list; fwsd. L	
			1913	
108494	10/22	To Mare Is.	Fire control installation: asks what remains unfinished, and requests recommendations. L	
			RE L	
113684	12-13	M. Is 13122	Engine order telegraphs; change in dials; L	
113679	12-19	M. Is	Helm angle indicators; change in dials. L	
			1914	
97080	1/12	To CO	ETC. Fire control telephone system: fwsd print for comment as to whether preferable to system proposed.	184-3
122154	4-3	CO	Reqt delivery telephone material for fire control system be expedited. L Fwd NY reqst del. material be expedited. 4/15 Ret CO VIA S&A 4-24 to 55	
138519	10-22	CO	Spares for old style fire control telephones; reqst authority to take in. L To-- Authorized to store. 11/3	
197716	8-7 8-25	M. Is C&R	Voice tube work deferred until vessel available for examination. L Ret. C&R 8-29	

CLEVELAND: INTERIOR COMMUNICATION SYSTEM.

FILE No.	From or To— (Dated)	Subject.	
31303 1/24	M. Is. C&R 17826-E.263	& DENVER: Recd recommendations re retention of indicators in pilot house: long arm system. L.	184--4
✓ 32861 3/3	TO M. Is	& DENVER: Fire control system: fwds drawing and reports number of telephones ordered. L	
✓ 4260 3/13	M. Is 2486	& DENVER: Fire control system: reports number of head sets required. Also re phones reported at searchlight hts. L. Ret -- Instructions. 3/28 RB 5-10	
35522 3/29	M. Is.	& DENVER: fire control system voice tubes: calls attention to certain omission on Bu. plan covering communication between torp. defence station and searchlight.	184--4
J 39206 5/8	M. Is 4275	Voice tube: fire control system: invites attention to additional, required for torp. defence. C&D Deit via C&R. Rec appr. 5/22 RB 6-2a'ppd Fwd C&R. Noted. 6/3.	
40116 5/20	M. Is 4781	Recd. authority to cancel job order covering installation of conduit, etc. for L. Fwd C&R. 6/2. RB 6-7	
38356 6/5	C&R	& CHATTANOOGA: power doors	154--4
J 54001 11/10	M. Is	W.T. door indicators: fwds prints proposed arrangement. L. Fwd Dept-Rec. appd. 11/27 RB 11-29 a'ppd	



4-3381

[illegible]

CLEVELAND::LIGHT & POWER SYSTEMS.

Number.	Date.	From or To—	Subject.
✓ 123605	4/27	To CO	Dynamo engine valve stems; request sketch of. CO. Fwds sketch 6-26
133884	8-19	CO	Old type night signal keyboard and starting panel and dough mixer; re t authority to turn in.L To--- Granted. 9/10 Fwd C&R-- 9/10 re 9 10
170925	10-29	M. Is	Laundry; incidental elec work; est and plana.L To--- Appva. 11/11
✓ 210145	12-12	CO	Estimate for installing man overboard and break down lights.W To M. Is.--Appva est. 1/6
✓ 227540	7/3	Co	Request 12 inch signalling search light L To NY--install appvd. 7/10

CLEVELAND: LIGHT & TOWER SYSTEMS. 162 - 5

Number.	Date.	From or To—	Subject.
250012	11/10	CO	Reports ardois signal set turned in - L
353694	7-26	CO	Atlantic Cruiser Aug. 2, submits information in regard to breaker on board.
34479	8/8	Mr. S.A. Insp'r Pitts	Copy of letter to Insp'r Pitts asking when motor generator sets for CLEVELAND will be ready for delivery L 629
433785	4:20 5:27	CO Dept	Request instal lights listed. L
490254	4:12 4:21	CO M IS	Request renew wiring and replace with standard fittings and fixtures from ship fitters bench also renew wiring of laundry irons. L To M Is- Installation of two lights over shipfitter's bench appvd. copy to CO. 4-30
556510	4:11	M IS T	Request authority to complete work overhauling dynamo engines. L To MI (T) Appvd 4/11
556704	5:25	M IS	Submits estimates regarding installation of lighting fixtures in engine room. To MI Grants Authority cc CO 6/7

Number.	Date.	From or To—	Subject.	
39608	5/18	M. Is. 4677	Reqt authority to overhaul dynamo, and give estimate. L Fwd Dept. Rec. appr. 6/2. BB 8-8a'ppd Fwd L. Is. 6/5. BB 8-23	
54770	11/21	Mare Is. 11546	Request authority to install charging station for gun firing storage batteries, and charging panel with ammeter for ship's battle circuit. L Fwd Dept. Rec. app'd. 12/1. BB 12-4a'ppd To App'd. 12/5.	
54951	11/4	Fug. Sd	& CHATTANOOGA states have projectors without mirrors, (searchlights) and reqts instruction 154-5	
55127	11/27	Mare Is. 11568	Searchlights; repairs to two 30" L Fwd Dept. Rec. app'd. 12/5. BB 12-4a'ppd	
J 58027	1/6 1/8	Bogue Chas. J. Co Washn PO	Searchlight mirror reqn. 207; re test of; asks if inspection will include photo test. L-8 To Washn. Requirements. 1/9.	
58694	1/2	M. Is.	& DENVER: only 1 night signal set on other vessels of class are furnished. recommends allowance be changed from 2 to 1	164-5

CLEVELAND 162--5

Number.	Date.	From or To—	Subject.	
59164	1/16	Pug. Sd	Searchlight: for be delivered at Pug. Sd to replace one issued to that vessel	708
✓ No	1/24	To J&A	Reqn. 207. 3u. K&A: requests change ultimate delivery of 30-in. parabolic searchlight mirror from Fare Island to Puget Sd. yard.	
68828	5/6	NY	& COLORADO: mirrors. Platt & Co. reqns 207 & 235. reports insp'n do not compare either in quality or workmanship with standard Schuckert Mirrors.	166--5
			1913	
99481	6/4	Cleveland	Keyboard altered by crew.	711--1
✓ 110466	9-16 11-6	CO M. Is	Reqd. 50 volt D-C rotary converter for be installed. L Fwd C&R, noncurs in rec be not appd. 12/19. To M. Is. disappd. 12/19.	
			1914	
✓ 115017	1-13	M. Is	Laundry outfit: estimate for elec work. L Fwd Dept via C&R and Y&D. with rec. 1/16.	
122353	4-7	CO	Reqd new keyboard: night signal set. L To --- & S&A. submit reqn. Request shipment of set. NY to M. Is. 4/15.	

N. Eng. 134

1922

Number.	Date.	From or To-	Subject.
654036	12/7 12/16	CO U.S. Fleet	Encls sketchrel to elimination of sound proof booths w

NAVY: RADIO.

Number.	Date.	From or To—	Subject.
275940	1-19	Chasn Charleston 1-26	Request new spark gap and wave changer. W to (T) - 1-26. ^{Approved issue.} To (T) - Request issue Edison battery 6 volt. 1-23 To (T) - Chasn request issue Edison battery 6 volt. Edison 1-26
276410	1-24	CO	Copy - request issue of Edison batteries. W
276965	1-27	Chasn R	Asks action taken on installation of small main yard for auxiliary antenna. W
276976	1-28	To Chasn (T)	Wfg aux. antenna for auth. install to be made by ship's force sailing not to be delayed. 1-28 W
277580	1/26	Chasn Charleston Jan. 28	Telephone conversation relative to install- ing wooden yard arm for auxiliary antenna - W
279891	1/14 2/4	CO Chasn	Request repairs to radio. To S&S - Reqt. ship 5-kw wave changer complete From NY to Chasn. 2-22 To CO, must if radio recd. 10-3
289674	3-15	CO	Requests 5 kw wave changer at Charleston To S&S - 10 No (T) - Wave changer is now held at Navy Yard New York for. 3-20

CLEVELAND, RADIO. 162 - 6

Number.	Date.	From or To—	Subject.
292668	3/25	CO	O - 5 - KW wave changes - asks what disposition to make of. ✓ To - Sets turn into store old 5kw wave changer into nearest yard for further shipment to Radio School Harvard. 4-1
✓ 388043	1:22	C&R	Fwds copy of tel. from Pittsburg in connection with reduction of height of masts of CLEVELAND and TAJOMA - W. Fwd C&R. 1-25
401368	2/2	Pacific Flt	Report of inspection of radio apparatus on DENVER & CLEVELAND - W. 184-5
USS CLEVE 82 & 47.	5-29	To NY	Has no record of either regn, approves issue to, of 15 spark gap plates regtn, regst fwd copy of regn. W
492421	5:8	CO	Request authority to draw portable radio field set in advance of approval of regn. W
To K Is.	(T) and	CO. Issue sat. 5-10.	
549629	2:1	CO	Atl Flt submits report on accident to TC apparatus. W To Inspr GE. Ack receipt of report 3/14 Inspr GE contra regst serial numbers of generator 3:24-W To CO DELAWARE. Regst inform cc Inspr GE 3/29 To Inspr GE. Regst detid report be furn 4/29

CLEVELAND: RADIO

1014

Number.	Date.	From or To—	Subject.	
141744	11-30 12-8	M. Is C&R 27659-E.17	Radio room: prints, estimates, etc. W. Fwd C&R--work authorized. 12/10 To M. Is--(T) Authorized. 12/10	
146515	7-27	To M. Is.	Desire install radio set; asks if available apparatus now used for exposition purposes.	772
163991	8-16	M. Is	Estimate for installing Lowenstein radio set ex Panama Exposition. W. To M. I. appvd. desire to keep set at Exp. To C.O. have appvd. installation 8-23	8-23
165833	9-7	M. Is	Reqt drawings and operating instructions for Lowenstein set assigned to. W Fwd NY--Furnish drawings/9/15	
167470	10/5	M Is T	Reqt authority to exhibit K&C set in lieu of one taken for CLEVELAND	772
170152	10/25	M Is	GLACIER: estimate for installing 500 cyl radio set ex CLEVELAND	216-6
171889	11/12	M Is	Reports leaving Telefunken and IP76 receiver and Telefunken wave meter on board when new set was installed. W	
187911	5-15	M. Is T	Request authority to install 7 wire antennae and vertical gap. W To--(T) Authorized. 5/16	
194467	7/10	M Is	Radio installation; alterations; fws vandykes W To-- authorized, 7/28	

CLEVELAND: RADIO. 162 -- 6

Number.	Date.	From or To—	Subject.
198559	8/23	CO	Request authority to turn in Telefunken transformer. W To Via 113--Appva. 9/11 1217
218024	3-7	L.Is	Exports transfer for table radio set from C. H. COCA. W. To 113--Appva. 9/11
235195	6/25	To CO	NSE 25-B and Bu records differ. Reqt further information. W 8-1/5
248556	9/12	To SA S&A	Reqt shipt of receiver from Wash to Chasn for. W To CO--9/12 To S&A-- Reqt of shipment of receiver from Wash to Charleston for CLEVELAND. 9-13 CO--9/19. To S&A-- Reqt shipt radio appa, audion control box from Wash to. 9-21 To Charleston--ives action. 9-21 To Co--ives action. 9-21 Chasn 10/1 To NY-- Reqt be informed if coil is available and if not length of time for its mfg. 10-4 NY - 10/9 W To NY--Directs manuf loading coils. 10/11
275214	1/14	CO	Overhaul radio installation. W

1912

1 ✓

CLEVELAND: WIRELESS:

Number.	Date.	From or To--	Subject.	
61033	2-12	Dept	& DENVER: M. Is. reports non receipt of sets. To---Delivery overdue. 2/14. BLBB 2-2- to---10 working sets sufficient to install.--- via NY. 2/21. BL 3-12	
66781	4/20	Dept	Directs wireless sets be expedited to	876
✓ 71098	6/6 6/14	M. Is. To Mare Is. T	Rebort auth. to provide. DENVER: Installation of radio authorized: charge to Ed. Steam 1913. W To---request estimates. 6/27.	
✓ 73352	7/5	M. Is. 6546	& DENVER: Radio sets; submit estimate for installing. To---appd. 7/17.	
74069	7/23	To M. Is.	& DENVER: Directs old radio sets which are being replaced, be not turned into store except by specific direction of Su. W BLBB 6-12	
81264	10/30	To CO	Primary variometers: request full report as to causes of, burning out.	904
84545	12/7	Telefunken Co.	Defective VARIOMETERS issued to: & DISMOINES. Gives probable cause of trouble but will not make any charge for new.	904
117060	2/7/12	To S&A	1912 Reqt shipment of 2 Kw motor generator and 2 Kw transformers to M. Is. for	876

CLEVELAND: RADIO 162-6

1913

Number.	Date.	From or To--	Subject.	
87452	12-31	CO	Description.W.	
91329	2/24 2/27	NY S&A	Re variometer and condenser for.W Ret. S&A. req. sta. those removed be shipped to NY - contract 14747. 2/26.	
112695	12-2 12-13	M. Is C&R	12422 27659-E.11 Increase mast height for radio purposes.W Fwd C&R recom 12-16 for TACOMA & DES MOINES Ret C&R. 12/24	
117072	2/7	To Mara Is.	& DENVER: Bu has requested shipment from NY to Mara Island of 2-kw motor generator and 2-kw transformer.W (See 117060, 876) To M. Is. auth. to rewind motors 4/3	
117060	2/7	To S&A	Reqt shipment of 2 Kw motor generators and 2 kw transformers from NY to M. Is.	876
122632	4-16	M. Is	T Reqt authority to replace variometers with coupling helix. W (T) to --- appd. 4/17.	
123308	4/24	M. Is.	T States BUFFALO has transferred one set to CLEVELAND; requests shipment of one set for BUFFALO.	897
✓ 132853	8-11	CO	Reqt authority to increase height top mast. antennae, new radio room. Y To S&A --- Reqt shipment from NY to Clev of radio material. 825 Fwd Dept via C&R. 8/25 H B appd To MI --- Appvd. 9/3	

CLEVELAND: SIGNALS: SUBMARINE.

Number.	Date.	From or To—	Subject.
✓ 249018	9/13	Chasn R	Submarine signalling set - asks when may be expected - L Mast - (T) expect to ship 15th - L 9/14 To Mass (T) Expedite shipment sub signal app. 9-14 To (T) Notified of above action. 9-14
✓ 282400	2-15	Sub. Sig. Co.	Fwds. inspection report. L.
✓ 314900	6:7	Sub Sig Co	Fwds inspection report covering inspec of receiving apparatus on Cleveland, Proteus, Minn and Mass. L ✓

Number.	Date.	From or To—	Subject.
✓ 641893	9/18	CO CLEVELAND	Fwds report of inspection on transfer of Engineering Dept. Y
✓ 649509	9/30 11/13	CO C&R	Submits report on material readiness Y Fwds Opns via Ordn 11/23
652129	12/1	Boston	Special report on unfinished job at time of departure of ves el Y

[illegible]

Number.	Date.	From or To--	Subject.
599660	12/2 12/9	Boston C&R	Inspection by Board I&S not required at this time. Report on condition of. Y Fwd C&R 1/5/22 AS 12/24 Y
603669	1/9	Boston C py	Re most auth to dock vessel. Y
604444	1/13	Boston	Cpy of letter to vessel to dock vessel for repairs. Y
607423	2/1	CO	Cpy of letter to Dept submitting report on preparation for post repair trial. Y
621981	3/31 5/5	CO Dept	Submits report on material readiness Y Fwd Operns via Post-Can 5/9

162-8

Number.	Date.	From or To-	Subject.
630530	6/20	CO	List of work to be performed by ships force Y
635296	8/19 7/28	1st of Fleet C&H	Subm report of inspection Y Fwds Opers via Ordn Navigh-3&A- Med & Surgy 8/21
637333	8/12	Beard IS	Instructions in conn with matl inspection Y To Bd I&S- Fwds Corres 8/18 Bd I&S- 9/15 Y
641188	6/30 9/12	CO Ordn.	Subm report on material readiness Y Fwds Opers 9/29
641591	8	Bd I&S	Report of material inspection held 8/29 Y

RECEIVED: MAR 11 1921

1921

Number.	Date.	From or To—	Subject.
541147	1:13	Spec Service Squad copy	Vessel will proceed to Trison for one months leave-then to M IS for repairs.A.Y
541334	1:19	Dept	Copy of telegram to spec service squadron trise arriving sending vessel to Trison for repairs.A
541339	1:21	30 Dept	Report on material readiness.Y To Opems 1/25/21
541391	1:21	GER	Copy of letter to M IS making vessel avail- able latter part of Feb for docking.Y
545021	2:7	JIS	Understand that vessel is in line covered Fwd Opems 2/15/21
552935	3:19	Dept	Copy of telegram to M IS extending date of completion to April 21 for repairs to anchor engine.A
557058	4:12	M IS copy	Starboard shaft bent-will delay completion until April 23.Y
557342	4:13	Dept	Copy of telegram to M IS extending date of completion to April 27th.Y

N. Eng. 134

CLEVELAND MACHRY PLANT

Number.	Date.	From or To--	Subject.
565661	?	CO	Report on post repair trial. Y
588370	10/2	Spec Ser Squadron copy	CLEVELAND will proceed to Guantanamo October 10th. Y
596037	11/15	C&R	Copy of letter to Boston directing inspect vessel with view to holding material inspection by Board IAS. Y
596097	10/25 11/12	Atl. Fleet C&R	Subm report of inspection. Y Fwd Operns via Orin - C&R Med & Surg - Navlgr 11/23
597887	11/28	CO	Report on inspection of vessel upon assuming command. Y
598599	12/2	Boston	Report on condition of hull fittings Y Fwd C&R 12/6

CLEVELAND: MACHY PLANT:

Number.	Date.	From or To—	Subject.
482509	3:19	M IS T	Asks if estimates were submitted by any east coast yard for work incident to matl inspection. To(1)-No. 3-20
484396	3:23	CO	Submits report of inspection of material under Bureau SE.Y CO-3:23-Y
484586	3:29	Dept	Copy of telegram to M IS making vessel available for authorized repairs.A
486895	4:3	M IS	Submits report of estimates incident to material inspection. Fwd Dept. 4-21 RB-4:28-Y To Mare Island - work to be carried out in accordance with Bu lat end. copy of which is enclosed and appvd by Dept. copy to CO. 4-22
494289	5:17	C&R	Copy of telegram to M IS authorizing docking.Y
495457	6-16	Fwd Dept	Survey RequestY. <i>Ch...</i> To Dept-6:16-RB-6:22-Y
502129	6:29	CO CLEVELAND copy	Request Orders.A

162-27

162-8:CLEVELAND: MACHY PLANT:

Number.	Date.	From or To—	Subject.
502496	6:29	Dept	Copy of telegram to M IS directing perform no work on board except what is necessary for preservation of vessel.A
507976	7:12 7:47	CO CO	Report on material readiness.Y FWD Opems 8-2
517592	9:16	Opems copy	Instructions to CLEVELAND to proceed to Guayaquil for Centennial Anniversary.A
522155	10:9	CLB	Advise copy of letter to M IS directing take out job. Order cost summaries.Y
522440	10:11	Boston	5 baits report of engineering survey.Y To Dept 10-21-RB-11;3-YD&L
522897	9:30 10:13	CO Dept	Report on matl readiness.Y FWD Opems 10-6
525216	11:8	CO CLEVELAND copy	Vessel grounded apparently no damage.A
528796	11:11	CO copy	Vessel hauled off of bank-by tugs-no apparent damage .A
529970	11:12	CO DOLPHIN copy	CLEVELAND reports SCIOta arrived at Cortageoa.A

CLEVELAND: MACHY PLANT.

Number.	Date.	From or To--	Subject.	
432065	7-9 7-11	Dept C&R	Submits report of inspection.	Y
433787	5:20 5:27	CO Dept	Request repair operations of water service on both main engines-overhaul port main circulating pump engine-encase all blower fans in fire rooms, etc.	
433728	5:20 5:27	CO Dept	Request repair parts of jacking engines-renew fair fire and surge pumps-renew valve stems, etc.	
433786	5:20 5:27	CO Dept	Request install reducing valve on steam line to laundry and install ash ejector, etc.	
433842	7:2 7:18	CO C&R	Report of material readiness for war service. Y Fwd Operations via Ordnance. 7-23	
435877	7:28	Boston	Copy of letter to Mare Island stating no outstanding job orders are at yard. Y	

Number.	Date.	From or To—	Subject.
/452857	10-20	Dept.	Vessel will be retained on Asiatic station. A
454313	10/27	CO Copy	Vessel will be delayed due to repairs to leaky main condenser and renewal of water in boiler - AY
460602	11/29	Pacific Flt Copy	Have ordered Destroyers listed to relieve CLEVELAND temporarily - AY
471771	12:31 12:24	CO C&R	Report on material readiness for war service.Y Fwd Operations. 1-27
478395	2/27	Pac Fleet Copy	Recommends vessel be made available for docking.
479878	2:27	Dept	Copy of telegram to Pac Flt making vessel available at M IS for docking and repairs.Y
479561	3:3	Dept	Submits report of inspection.Y Fwd Operations via C&R-S&A-C&R-129. 3-6
479941	2:27 3:5	CO S&A	Submits report on condition of vessel upon being relieved of command.Y fwd S&A via C&R 3/9 c MY CO

CLEVELAND: MACHY PLANT.

Number.	Date.	From or To	Subject.
361055	10/19 10/21	CO Atl Cruiser	Request overhaul fresh water pump - overhaul spare part jacking engines - etc - Y
365400	11:2	Dept	Date for completion of auto. work extended to 11:12 - A
369209	11:18	Dept	Date of completion at NY extended to 11-21 A
✓ 411206	2:17 4:14	CO Dept	Fwd Jt report of insp. of engineering Dept Y Fwd Operations via Ordnance. 4-17
415854	3/31 5/3	CO CLR	Material readiness for war service-Y Fwd Operations via Ordnance. 5-6
✓ 420828	5-23	Dept	Instructions in connection with holding material inspection Y O Bd I&S Fwd correspondence. 5-28 Bd I&S-returns. correspondence 7-15

Number.	Date.	From or To--	Subject.
421894	5-20	CO	Request install reducing valve on steam line. To Bd I&S- Fwd correspondence. copy to CO.5-31 Bd I&S--returns correspondence--7:15
428585	6-27	CO TACOMA - submits list of patterns for To CO Div. One USS CHICAGO via Operations. Lists same to be taken on board before sailing for the West Coast. In To CHICAGO(T)-Letter mailed this date giving detail instructions re spare parts. Copies to CO vessels. and lds listed. From Boston to be taken on board for transportation West Coast. 28 Div 1 Pac Flt 6/10 Movement orders re phone Comdt Ports. 7-3 429309 Fwd report of material inspection held 6/9 -Y	TACOMA & CHICAGO - 7/9 TACOMA, CLEVELAND, DENVER, CHICAGO, spare parts. EB 7/11 From Boston
428585	7-1	SEE ABOVE Phone I.K. Ny- 7-2 Phone Comdt NY. shift of propeller shafts. 7-2 and CO TACOMA. 7-8 Phone Comdt NY. 7-2 Fwd S.O. Boston. 7-16 EB 7-21 -CO- Lists spare parts recd on Board. 7/7. CO TACOMA 7/7 Boat 7/7 Confirms phone convsn in conn w propellers for - Y (Cross 162-14) CO 7/8 CO-7;28	Phone I.K. Ny- Propeller and Stern Tube Shaft. Y Phone S.O. Boston. copy to Comdt Boston Fwd S.O. Boston. 7-16 EB 7-21
432065	7-14	SEE CARD 9	Fwd Operations via Ordnance. Yo

CLEVELAND: MACHY PLANT.

1917

Number.	Date.	From or To--	Subject.
262 0 82	11/15	CO	Renew tiling and brick work of boilers - also renew tubes, examine main bearings and rebore main engine cylinders - Y
V265614	12-7	To Chasn NY - C&R- Dept	Transfer of uncompleted work to NY. Directs Y Dept copy of dispatch to Chasn authorizing I-22
275177	1-21	Phone Chasn	Urgent repairs. Directs matter of urgent repairs be referred to Dept by despatch. Y Phone-lists repairs- 1-21
275997	1-21	Charlestown Copy	Recommend approval of repairs to main engine piston rod and evaporator feed line. I
305407	5-9	CO Cleveland	Copy - will arrive at Hampton Roads May 11th request coal and water put alongside - will require 15 days overhauling machinery. A & Y

Number.	Date.	From or To--	Subject.	
1994	6/11	Fwd Com Di v 5 US Atlantic Flt---	Asks where del desired for matl for C&V. Laid	1994
34166	8-13 8-15	30 Atl Cruiser	Canst relablit all main engines etc - Y	
348941	9-14	C&V	Incidental S. E. work in connection with installing dishwashing Machine - Y	
357443	10:10	Dept.	Circular - ship will be available Oct. 14 for docking and replacement of broken shafts - Y CO. copy of 10:12	
359355	10:12 10:15	CO Atl. Cruis	Req. recore all HP & LP valve shaft li ers taxap renew suction feed pump etc Y	
360002	10:16	CO	Repairs to propeller shaft bearing valves Y	

CLEVELAND: MACHY PLANT.

Number.	Date.	From or To—	Subject.
✓ 200442	9-27	Dept	Repair limit extended Nov 21. Y
✓ 219807	3-4 3-19	CO M. Is	Man overboard and breakdown lights; tile and fire brick for boilers uncompleted when vessel left yard. Y End Dept--4/29 23 4-4 To S&A--Reqt. material and labor for, to shift from M. Is. to Norf. for. 4/9 To M. Is.--Directs transfer job orders to Norf. 4/9 To S&A--Reqt. delivery of repair material be diverted to Norf. 4/9 4 M Is - (T) states material shipped May 14th Y6/15) To S&A--Reqt tubes be shift to Chasn. 6/14 To S&A--Reqt shift material to Chasn for as To M. Is.--Reqt detail of shift to Norf for 6/14 To Norf.--Directs transfer outstanding job orders on to Chasn. 6/16 To Chasn--Instructs re-assembling material. 6/16 To Chasn--Directs inform Bu when all material is assembled. To Norf.--Directs transfer job orders immediately. 7/3 Norf - 7/2
✓ 253969	10/9	Dept	Dec 1st date of completion Y

CLEVELAND: MACHY PLANT.

Number.	Date.	From or To—	Subject.
238565	7/5	CO	Alterations - install additional distiller, install cross connection between main steam lines, install shields in forward fire room, install trap on line over blower engines, install connection on ice machine circulating water line Y. To Chasn—Gives action. 7/18
245660	8/24	Chasn R	Recommends vessel arrive Sept 15th for repairs. Y Fwd Dept—8/25 R B 8/28 To Chasn—8/29
247671	9/3	Dept	Available for overhaul at Chasn about Sept 16th Y
247622	9/6	Phone Chasn	Yard will be ready first of next week to commence overhaul. ~~DAHLSEN~~ will not be sent to Chasn. Y
247823	9/7	To Norf	Directs transfer job orders to Chasn. Y

CLEVELAND: MACHY PLANT.

1915

Number.	Date.	From or To—	Subject.
✓ 151014	3-20 3-29	M. Is Dept	Gives estimated time for work recommended by survey; piston rod and line mesh purchased on recn. Y Fwd Dept Via SEA--Recommendations 4/1
163811	7/29	CO	Reqt alterations to hot well pump, piping, motor and power in machine shop, piping for main bearing water service. Y Fwd Dept 8-21 RB 8/25 To M. Is 8/26 M. Is (T) Recommends substitute alterations to suction piping after feed tanks, etc 9/30 Repair limit Oct-28
166155	9-17	Dpt	
✓ 179380	2-17	Dept	Hull inspection. Y Fwd C&R--Noted. 2/18
183863	3/27	CO	Install Davidson valve gear, exhaust line for dynamo and miscellaneous piping; locate switchboard in radio room; install Blinker light, etc. Y
✓ 184763	4/13	Dept	To be inspected by Sub-Board at M. Is. Y To Bd 125--Fwds repair order. 4/17 Bd returns papers 5/26
✓ 186972	5-3 5-5	CO Dept	T Ordered to M. Is for repairs atbd thrust bearing, port main circulating pump. Y Fwd Dept--Will direct boiler pressure be reduced to 240 lbs. 5/6 To CO--(R) Reduce safety valve to 240. 5/6 To M. Is--(R) Proceed with repairs. 5/6 M. Is (T) gives time 5-13 Fwd Dept 5/15 RB 5/17

WELVELAND: MACHY PLANT. 162-6

Number.	Date.	From or To—	Subject.
187947	5-13	M. Is	Probable date of completion May 27.Y
188032	5-15	Dept	repair limit May 27
189363	5-1	Bd I&S	Material inspection. To M. Is—Gives action on. 6/12
192475	6-24	M. Is	Report board survey and estimates.Y Fwd Dept— Recommendations. 7/7 RB appd 6/17 TO M. Is instructions 8-19 Dept Oct 12 date of completion 8-24 To Dept. recomds. except boiler work 8-22
✓ 195783	7/30	CO	Repairs to main engine valve chest; realign shafting.Y
197666	8-24	Operations	Copy of instructions to M. Is relative to repairs.Y
198343	8-14	CO	3 letters Advance copy of repairs. Y
199290	8-25 9-5	M. Is Dept	Can complete all work listed Bd survey and estimates report with exception of 2 items on Hull.Y Fwd Dept—Noted. 9/15
✓ 200142	9-22 9-23	M. Is Dept	Recommends repair limit be extended to Nov 21.Y Fwd Dept— 9/26

CLEVELAND: MACHY PLANT. 162-8

1914

Number.	Date.	From or To—	Subject.
✓ 114533	12-24 1-7 1-9	M. Is Dept Y&D	13334 16906-208 Reports on unsuitability for duty as receiving ship; assignment of St LOUIS or MILWAUKEE will necessitate quarterly dredging of slip to secure sufficient depth. Y Fwd Dept via C&R. 2/2
✓ 117838	2-2 2-13	CO Dept	Reports on military efficiency and readiness for sea. Y Ret Dept via Ord. 2/17
✓ 119582	3-1	CO	Reports on readiness for sea. Y Fwd Dept via Ord. 3/11.
✓ 122076	4-4	CO	Reqt repairs to engines cylinders, piping, valves, evaporators. Y
123379	4/22	Mach Is. T	Commanding Off. reports defects in vessel prior to going to sea. Y Fwd Dept 4-25
✓ 123894	4-22	CO	Reports on condition of vessel at time of commissioning. Y
132854	8-10	CO	Reqt repairs heating system, floor plates, main engines, pip ng, etc. Y Fwd MI-- for action. 8/25

CLEVELAND: MACHY PLANT. 162-8

Number.	Date.	From or To--	Subject.
133769	8-11	CO	Reqt alterations to drain line feed water meters: shaft indicators, additional ice machine, ex dist line from gen sets; new packing piston rods, install forced lubrication system. Y TO -- auth piston packing 9-9 TO M. Is for estimates 9-9
137619	9-29	CO	Reqt authority to turn in light control, elec heater, sub oil tank. Y To-- Granted. 10/23
138521	10-25	CO	Reqt repairs to piping, valves, ice machine, pipe lagging, etc. Y
138561	11-4	Fwd Dept Via Ord & C&R	Report of Readiness of Ship for Battle. Noted.
141036	12/2	Dept	To be inspected at Mare Is. Y
141122	12/3	Dept	Date completion Jan. 2nd. Y
141230	12-1	Bd K&S	Reqt repair papers. Y To--None on file. 12/5
143587	1-2	Bd I&S	Material inspection. Y
145022	1-9	M. Is	Report of bears survey and estimates. Y Fwd Dept-- Recommendations. 1/26 To--Gives items appvd & disapvd. 2/27

1912

3 ✓

Number.	Date.	From or To—	Subject.
75867	8/10	CO	Requests miscellaneous machinery drawings to replace those worn out. To---Prints forwarded. 8/19.
80099	9-14 10-5	CO Dept	Reports on operations and condition of ship. Y To M. Is. Recd. comment on certain items. 10/14. Ret Dept. 10/14. 10-10-11
82931	11-18	CO	Report of new CO. Y Fwd Ord. 11/19.
86396	12-4 12-20	CO M. Is 11860	Make eccentric sheaves for stbd ALP valve gear and install gratings from piping to after end of boiler. Y To M. Is. appd. 1/2.
✓ 86542	12-4 12-26	CO M. Is 11906	Repairs to machine tools, oil gages, ice machines, and rect. authority to dis-assemble engines for one month in order to make changes in pistons. Y Fwd Dept. rec appr. 1/4. M. Is. appd. To M. Is. appd. 1/8.
✓ 91790	2-13 2-26	CO M. Is 2500	Repairs to main engines and realign shafts. Y (7) to M. Is. items 3 and 4 appd: item 1 disappd. 3/8. Fwd Dept. Recd. at approval of 30's action. 3/8. BB 3-13 app'd

CLEVELAND: MACHY PLANT. 162-8

Number.	Date.	From or To	Subject.
97288	4-30 5-12	CO Dept	Reports on readiness for battle.Y Ret Dept via Ord.5/15.
98175	5-17	CO	Report of new CO. Y Fwd Dept. desirable be ordered on short cruise.5/28.
101617	7-1	CO	Reports on military efficiency and readiness for sea.Y Fwd Dept via Ord and C&R.7/19.
103049	7-31	CO	Reports on readiness for battle.Y Fwd Dept via Ord and C&R.8/9
105019	9-1	CO	Reports on readiness for battle.Y Fwd C&R VIA ORD 9-9
✓ 106600	9-16 9-19	CO M.I.s 9905	Repairs to feed pump, ice machine and water tank.Y to— M.I.s. attd 9/29
✓ 108321	9-30	CO	Reports on readiness for battle.Y Fwd Dept via Ord.10/21.
✓ 109560	10-31	CO	Reports on readiness for battle.Y Fwd Dept V A Bus 11-6
138561	11-1	CO	Reports on readiness for battle.Y

Number.	Date.	From or To—	Subject.	
39415	5/15	M. Is. 4494	General Survey: gives list of work not included in, which has been authorized by Bureau. Y Fwd Dept. Rec appr. 5/24. RB 5-26a'ppd To -- Apprd 6/5.	
V40117	5/25	M. Is 4773	Estimate for additional work lagging ice box, etc. Y Fwd Dept. Rec appr. 6/5. RB 6-7a'ppd To -- Apprd 6/8.	
✓44841	7/19	M. Is 6838	Revises estimates for repairs to air compressor. Y Fwd Dept. Rec appr. 8/7. RB 8-8a'ppd To -- Apprd 8/9.	
49618	9/26	Dept.	& DENVER: date of repairs extended to Feb. 1st and Jan. 1st. respectively.	184--8
55957	12/4	Mare Is. 11968	& DENVER: Electrical and radiator work in connection with storeroom spaces, etc. Recently installed due to GSA's system. Y Fwd C&R-Appd. 12/18. RB 12-29 To--Appd. 12/22.	
56535	11/29	M. Is	& DENVER: states dates for completion of work for remaining season, and recommends that work be deferred on vessels placed in commission in reserve. Dept directs deferring work.	184--8
57152	12/18	Mare Is.	Submits estimate for cleaning and painting machinery, piping, etc. in engine and fire rooms. Y [*] to -- authorized. 12/29. Fwd Dept. request appr. 12/29. RB 1-3a'ppd	

CLEVELAND: MACHINERY; 162-8

Number.	Date.	From or To	Subject.
✓ 57903	12/28	M. Is. 12-588	Repairs to h.p. piston follower, and propeller shaft bearings. Y
61031	2-12	Dept	Overhaul period changed from Mch. 1st to Apr. 8. Y
62871	2-29	M. Is. 2093	Revised estimates for installing evaporators, distillers, boiler repairs, engine repairs, lagging piping, etc. Y
✓ 66277	4-13	Dept	Directs be placed in commission for cruise by latter part June. Y To Is. instructions. 4/16. Recommends be not required. C-4
66393	4-6 4-11	M. Is. Dept	Report of inspection prior to placing in second reserve. Y Ret Dept. via Ord and S&A. 4/16.
✓ 67130	4/18 4/24	Mara Is. C&H 13825-5.9	Reports on placing in readiness for trip to Santa Cruz. Y
✓ 67561	4-30	Dept	To be ready for cruise July 20 instead of June 27th; outfit need not be assembled until after July 1st. Y
67657	4-11	Dept 16987-174	Revises correspondence of funds, etc. in connection with placing in second reserve. Y

CLEVELAND: MACHINERY PLANT GENERAL:

FILE No.	From or To (Dated)	Subject
V 30369 11/30	..Is.	Fwds copy of report of general survey. Y to -- Est. on certain items too high 2/25. R.B. 16. Fwd Dept 3/30 R.B. 4/3 appr
V 32001 2/17	Ordinance 16531-39	Fwds report of board of survey. Ordinance: and invites attention to work under S.E. Y Fwd Dept via Cdr 2/23.
34055 2/7 3/7	M. Is C&R 17285-E.38	Report of general survey. Y Fwd Dept. Recommendations as to work 3/30. To M. Is. some appr; some not appr. 4/4. R.B. Partly appr. 4/6. Ret C&R via Cdr. 4/7.
36293 4/13 4/14	M. Is Dept T	Department authorizes work in accordance with survey in order to retain experienced men at yard. Y Ret Dept via Cdr. n ted 4/17.
V 37824 4/28	M. Is 3950	Genl. survey: reports additional work found necessary over that approved for cylinders reversing engine. Y To M. Is. Cdr a pr. 5/8. R.B. 5/9 a prd. To -- appr 5/10.
38092 5/2	M. Is 4103	Submits additional estimate for work on engines, etc. covered by authority of Apr. 4. Y Fwd Dept. Rec appr. 5/9. R.B. 5-11s prd To -- appr. 5/11.
39018 5/12	M. Is. 4338	Estimate for additional work, lagging piping, renew aux. condenser tubes, etc. Y Fwd Dept. Rec a pr. 5/19. R.B. 5-20s prd To -- Aprd 5/22.



CLEVELAND: MAIN ENGINES: ETC.

Number.	Date.	From or To.	Subject.	
238703	7/12 7/13	Norf S&A	Request instructions relative to disposition of crank shaft for on board CUYAMA Y To S&A--Reqd retain at Norf. 7/17 To S&A--Reqd ship to Chasn. 7/27	
268096	12/13	Chasn	Main engines - fws data sheets - D	
274162	1-15	Dept	Authorized to proceed to Chasn for repairs to main engines thrust bearings - Y	132-14
273067	1-23	C O	Copy of request by Navy Yd be authorized to rebore the starboard high pressure cylinder lining. Dept copy of action to Chasn 1-24 Chasn telephone call 1-24 Fwd C&R - 1-24 Phone Chasn - Auth work in accordance with recommendation of yard. 1-24 & CO Chasn - 1/21 - Y	
372362	11/27 11/29	CO Atl Cruiser	Request install new lower half of after low pressure astern eccentric for starboard main engine - Y	

CLEVELAND: MAIN ENGINES:ETC

Number.	Date.	From or To—	Subject.	
53640	11/6	M. Is 10954	Check up valve settings, main engine.Y Fwd Dept. rec. appr. 11/16 RB 1-1-1 To---appd. 11/18.	
35125	11/27	Mare Is. 11691	Main engine; new bottom rings for S.M.P. and S.L.P. piston rods.Y	
55811	12/2	Mare Is. 11921	Repairs to main engine.Y Fwd Dept. Rec. appd. 12/12 RB 12-14 appd To---Appd. 12/14.	
1912				
1913				
✓ 90868	2-15	M. Is 2069	Estimate for overhauling main spare crank shaft.Y	
91975	2-11 2-26	CO M. Is 2116	Reports main engine in bad condition; Yard will make full report on bearings and align- ment of crank shafts.Y	
93111	2-21 3-13	CO M. Is 3097	Reports on eccentricities and out of line of crank shafts; estimate.Y Fwd Dept. rec. disappd. 3/24. RB 8-2 To-M. Is. disappd 3/27	
133769	8-11	CO	Reqs. new piston packing and installation of forced lubrication	162-8
151281	4-2	To M. Is.	New piston rods; rect further information on regulation. D RB 4/14 To Eng Sd--Fwds print showing modification in: 4/19 To Eng Sd--Fwds prints superseding 4/21	

CLEVELAND: MAIN ENGINES. 162 — 9

1618

Number.	Date.	From or To—	Subject.
✓ 194515	7/25 7/26	Pac Flt T Dept	Stbd hp valve chest cracked. Y Fwd Dept—Rec be ordered to M. Is for 7/26 To M. Is—Directs examination of 7/26 To M. Is—(T) Lists items appvd in material inspection, 8/17
✓ 195974	7/29 8/9	CO Dept	Accident to HP valve chest, stbd main engine; report of Board of Investigation. Y Fwd Dept— 8/12
196228	8/10	JAG	Report of Board of Investigation: casualty to stbd main engine high pressure valve chest. Y Fwd Dept Via Nav—Noted. 8/11
✓ 194515		ABOVE	M Is (T) Bureau's recommendation not feasible; repairs by ship's force will stop leakage; request authority to apply water test 9/7 To M. Is—(T) Water test 400 lbs. auth. 9/8
✓ 199859	9-20	M. Is T	Throttle valves; test develops leak; request authority to install new cylinder. Y To M. Is — T Authorized. 9/21.
✓ 200170	9-8	M. Is	Throttle nozzles; fws sketch showing crack; submits estimate for new cylinder. Y M. Is (T) results of hydrostatic test reported in telegram of Sept 20 10-11 To—(T) Wire result of 400# water test, 10/10 To—(T) Proceed manuf high pressure cylinder for 10/12

BELOW

CLEVELAND: BOILERS.

7 917

✓ Number.	Date.	From or To—	Subject.	
245328	8/23	S&A Copy	Shipment of 2 in. tubes from Norf to Chasn Y	
✓ 245739	8/25	Phone Chasn	Bu asked Yard if ready to undertake boiler work on 8/25 Y Phone Chasn—Yd stated drawings received 8/25	
✓ 247477	9/5	Phone Chasn	Re ability of yard to undertake work on boilers Y	
✓ 250791	9/21	CO	Rel to reduction in safety valve setting. D To— "ut h granted. 10-3	
252457	10/3	p To NY	Spare boiler material for.	184-10
264973	11/23	Chasn	Yds list of boiler material left from over at the recent overhaul Y To S&A— Reqt's ship various headers from Charleston to NY-12-5	
291348	3/8	CO	Alterations to boiler casing - Y To NY— Alterations auth. 3-23	
313482	9-3	To NY	Water column fittings of main boilers Y NY Water column fitting replaced 9-21	

162-10:CLEVELAND: BOILERS:

Number.	Date.	From or To—	Subject.
488025	4:1 4:9	CO M IS	Remove present umbrellas from smokestack and install new ones.D To Mare Island- Work rected duplicate of item 64s of report of material inspection and will be acted upon when act on is taken on report. copy to CLEVELAND. 4-23 M IS-Task if shall undertake work at this time 4:30(P)-Installation smoke pipe umbrellas not contemplated. 5-1
521035	9:24	CO	Lists B&W boiler spare parts shipped to Coco Solo for transfer to Bag Sd.Y
609921	11/1 2/7	1922 CO Atl. Fleet	Request special over size hand hole plates be issued to replace those corroded - contents on. D. cross
VOID SEE	182-10		

CLEVELAND: BOILERS.

Number.	Date.	From or To--	Subject.
✓ 238514	7/14	Phone Chasn	Boiler material received at C. asn for. Re status of. Y Phone Chasn—Bu asked what material rec'd. 7/14
238565	7-5	CO	Install additional distillery apparatus. 16248
✓ 238766	7/16	Phone NY	Boiler No 2. Re inspection of. Y Phone B&W—All boiler material for has been shipt to Chasn. 7/16
✓ 238775	7/16	Phone Chasn	Ask if all material has been received at Yard for boilers of. Y Chasn - confirms telephone 7/16 W
✓ 238779	7/16	Phone B&W	Boiler material; shipt to Chasn. Gives routing of shipments. Y B & W - confirms telephone call 7/16
238969	7/17	Phone NY	Re condition of No 2 boiler. Y
238984	7/17	Phone Chasn	Boiler material. Re shipments from B&W Co. Re arranging for shipt of material thru Bu. Y Phone Norf.—Reqs 5054 has been prepared for front header. 7/17 Chasn - confirms telephone call 7/17 Y

CLEVELAND: BOILERS. 162 - 10

Number.	Date.	From or To—	Subject.	
239204	7/17	NY	Reports on inspection of boiler No 2 Y Pw'd CO—7/19 R B 8/17	
239121	7/18	Phone Chasn	One front intermediate boiler header. Re preparation for shipt to vessel. Y	
239236	7/18	Phone Chasn	Boiler front intermediate header. Sent from Yard on 17th. Y	
239454	7/19	Phone NY	Re shipt of boiler headers for. Y	
219807	6-15	M Is T	States material for boilers shi ped May 14th.	162-8
240699	7/26	Chasn R	Request itemized list of all material being shipped for boilers.Y	
240853	7/27	NY	Boiler tubes to be shipped by Mercus Y	

CLEVELAND: BOILERS: ETC.

Number.	Date.	From or To-	Subject.
166889	4/15	CO	Install ash hoppers and ejectors. Y Fwd Dept--Rec disappvl of: 9/30 RB 10/4 To M. Is--(T) Disapp. v. 10/4 M. Is copies 10-11
166903	9/29	M. Is (T)	Submits est. cost and time for work on Y To--(T) ARL vs. 9/30
169803	10/28	M Is T	Boiler side box developed leak. Y Fwd Dept--Noted, 10/30
184344	3-31 4-3	CO Pac Flt	Boilers; recommends new; Fleet re ommands examination by Board Inspection and Survey Fwd Dept--Rec appvl of reqt for inspection. 4/12
189027	5-25	To CO.	Oil in boilers reported in material in- spection; reqt steps be taken to free them of this condition. Y CO has oil removed from boilers 7-7
190041	5-31	CO	Set safety valves at 240#.DM
205076	11-4	Pac Reserve Flt	70 days work on boilers; request be expedited. Y Fwd Dept--11/13 RB 11/16 Fwd--11/16 RB 12-7 Fwd Dept--Noted. 12/7
218583	2/1	CO	Fnds sheet showing thickness of evaporator shells; are reduced 66-1/2% original thick- ness. Y Fwd M. Is.--3/21 RB 4-16 OVER
Fwd Dept--4/17 To M. Is.--Not necessary to reserve material for 17 RB 4-30 Material--1/18 re assembling 8/18 RB 7/2			Not corres returned via Supply Officer 4/30 Chasn - lists material reserved for Y

162 -- 10 CLEVELAND: BOILERS: ETC.

Number.	Date.	From or To--	Subject.	
229746	5-21	CLEVELAND	Reqt boilers to replace No 1577 removed for repairs.	611-2
✓ 233501	To Chasn--8/20 8/1 CO 6/13 Dept Chasn 7/20 Y To Dept--8/15 Dept - Chasn assigned as home Yd Y 6/7 Patrol Force - Fwd Dept--8/25	To Chasn--Directs check over material.8/25	Reports on condition of boilers Y To Chasn--Directs inform Bu when all material for has been assembled.8/16 To Dept--7/10 To Chasn--if material has arrived.7/10 R B 7/25 To Chasn--7/27 Request material for repairs to boilers B assembled at Chasn Y To Dept--Gives status of shipts of material.8/15 Fwd Chasn--7/23 R B B/20	BELOW
✓ 233758	6/14 S & A - relative to shipment of boiler tubes 8/14 Y	To Port T	Gives status of shipts of tubes to Port for. Chasn. Port (T) 1st car received, tracing 2nd car 6/15 To S&A--7/27	
164 SF	6-18	Bayonne	Material for headers; states one carload shipped June 10th.	611-2
218563	OVER		To Chasn--Medium steel plates will do for evaporator shells of 8/28 To Port--6/28	
233501			Chasn (R) reports on material 8/23 Chasn (R) print not received 8/23 Fwd Dept--8/23 To Chasn--9/1	

Number.	Date.	From or To--	Subject.	
38218	5/2	M. Is.	Renew heads of distillers, etc.	162--12
No #	5/20	To M. Is.	Reqn. 667: firebrick. Request prints.	
40082	5/25	M. Is. 324	Fire brick for boilers; fwal's vanlyke & prints. D&S	
53639	11/8	M. Is. 10967	Lag steam drums all boilers. Y Fwd Dept. via C&R. rec appr. 11/16. RB H-22 appd To--Appd. 11/22.	
53634	11/8	M. Is. 10994	Change feed and blow pipe in steam drums from comp. to black iron pipe. Fwd Dept. rec a pr. 11/16. RB H-22 appd To--appd. 11/18.	
54572	11/15	Mare Is. 11237	Install wire-cloth baffles in both evap- orators. Y To--Disap. d. 11/20. Fwd Dept-Rec. be appd. 12/13. RB H-22 appd Fwd C&R-- Fwd change in weight sheet. 12/15. RB H-22-20 To--Appd. 12/18.	
55858	12/5	Mare Is. 12026	Reque to authority to install wire cloth baffles in evaporators. D	
56299	12/7	Mare Is. 12032	Repairs to smoke pipe guys: strengthen turnbuckles, etc. Y&D Fwd Dept-Rec. Appd. 12/18. RB H-22-19 appd To--Appd. 12/20.	
			-1912	

CLEVELAND: 162--10

Number.	Date.	From or To—	Subject.	
62871	2/29	M. Is.	Revised estimates for installing evaporators distillers, boiler repairs, etc	162--8
72893	7-1	DO	Reqt. graphic boiler records. M	
			1913	
87037	12/16 12/21	CO M. Is.	11895 Repair starboard feed tank and true up evaporator. Y	
94316	2-19 3-26	CO M. Is.	2309 Repair port feed tank. Y.	
94996	4/8	Cleveland	Change baffles in B&W boilers, rect action on method submitted by Mach. C.S. Padgett	612
✓ 97548	5-13	CO	B&W boilers: photo print showing changes proposed in baffling of: can be performed by ships force. I	
			1914	
✓ 138520	10-25	CO	Distiller plant: rect additional distiller. Y To M. Is. for estimates and rec 11/8	
✓ 142660	12-4 12-12	CO M. Is.	13632 Reqt. spare distiller shell. Y To M. Is. for estimates and rec 11/8 To M. Is. for estimates and rec 11/8 To M. Is. for estimates and rec 11/8	
142494	12-30 12-31	M. Is Dept	Defective header: will delay sailing until Jan 3: auth by Dept. Y	

Number.	Date.	From or To--	Subject.	
433845	7/18	C&R	Copy letter to CLEVELAND and CHICAGO in regard to transfer of motor boats. Y.	611-2
447486	9/15	CLEVELAND 8	Reports transfer of motor dory 2477 to MICHIGAN; Y.	611-2
484016	3/26	C&R	Copy of telegram to Mare Is authorizing issue motor sailer 8601 to CLEVELAND. Y	611-2
493419	5/22	To CLEVELAND	Just advise if error made in including launch 2263 on board 3/31/20, log of 3/31 Y.	611-2
498463	6/3	CLEVELAND	U.S.L. 2263 smashed in accident on March 25; Y	611-2
505166	10/29	To CLEVELAND	Information of Steamer ... Y	611-1
542868	1/25	C&R	Copy of letter to CO CLEVELAND in conn. with furnishing vessel with one 26' motor boat. Y	611-2
1921				
561477	5/5	To MI VOID SE 167-14	Line and Stern tube shafts repairs; Action approved CO Y	
562810	5/10	To CO CLEVELAND	Registry number-- Request correction Y	611-1

CLEVELAND AUX MACHY

1922

Number.	Date.	From or To—	Subject.	
605366	1/20	To Comdt Boston	Parts for Power Boat Machry on CLEVELAND Yo	611-2
642529	9/25	To CO USS CLEVELAND	Error in Motor sailing launch engine number Yo	611-6
646947	10/27	To CO CLEVELAND	30' motor sailing launch No. 2760 engine number Eng room log ending 30 Sept 1922 Yo	611-6

1915

3

CLEVELAND: AUX. MCHY.

Number.	Date.	From or To—	Subject.	
170576	10/29	M Is	Reports issue of G-2 engine 818 to vessel as spare	611-1
198462	9-1	M. Is	Recommends using steam launch of to assist yard cranes	611-1
204124	10/31	M Is T	1916 Recommends re-assignment engines 2655 and 56 to motor sailers 2759 and 60	611-2
211723	1-10	M. Is	1917 CC engine 2675 and 77 assigned to boats 2759 and 60 to CLEVELAND; HH 2607 launch coal Dept Tiburon.	1918 611-2
223405	4-18	To CLEVELAND	1918 Bu records show engine is numbered 2326 instead of 2325, in Motor dory 1631.	611-2
224816	4-24	CLEVELAND	Engine 2200 installed in motor boat 2263 and 2675 in 2759.	611-2
275958	1-23	Chasn T	CLEVELAND: request authority to issue propeller for G-2 engine. Y	611-2
285900	2-28	CLEVELAND.	Power boat machinery. Discrepancies between Bu records and log submitted. Y.	

Number.	Date.	From or To--	Subject.	
05500	1-1	to CO NY	Report of...	1
	1-11			
395204	2/15	C&R	Copy of tel to Portsmouth directing turn over 308 steamer to CLEVELAND Y.	611-2
4 04111	3/19	C&R	CLEVELAND directs NY prepare whale boat to replace 2369 Y.	775 611-2
409715	3/27	CO CLEVELAND	Sub list of machine boilers and other parts removed from steamers for storage.	611-1 Y.
409839	3/17	CO Pitts	Copy of letter to C&R stating motor dory transferred to Cleveland 3/8 Y.	611-2
413477	4/24	CO CLEVELAND	Tel: requ auth to turn in at Guantanamo wrecked hull and machinery of 28' steamer Y.	611-1
432577	7/16	To C&R	By advised that motor dory NO. 2177 was transferred from Cleveland to the CHICAGO. Y.	611-2

Number.	Date.	From or To--	Subject.	
105435	8/19	Receiving Ship	Reqd 40' motor sailing launch ^{engine} for use in in steamer 487	611--2
108933	10/28	To Cleveland	Bu. Records show G-2 engine 874 as spare	611--1
112586	12/12	O&R	M. Is. to ussue steamer 616 to CLEVELAND in lieu of 481	611--1
113454	12/23	O&R	Reports transfers of 40' steamers 285 and 399 from the INDEPENDENCE to CLEVELAND	611--1
1914				
116552	1/26	M. Is.	Reports assignment steamer 616 in lieu of 481,	611--1
116308	1/27	Norff.	Reports engine 2200 shipped to M. Is. for 1364	611--2
✓ No #	2/5	To M. Is.	E-2 engine 336; request be resurveyed for sale. Bu. records show boiler (item 2) to be 1154 instead of 1150.	
119537	3/5	CLEVELAND	Reports installation of boiler 2071 in lieu 1753, steamer 338.	611--1

CLEVELAND: AUXILIARY MACHINERY? 162 -- 11

Number.	Date.	From or To--	Subject.	
124094	4/28	M. Is.	Reports installation of gasoline engine 2200 in motor sailing launch 1364	611-2
123669	8-31	Marf		
133495	9-2	CO	Launch 1364; Bureau records differ :	611-2
134613	9-16	C&R	Assigns Str. 1934	611-1
134849	9/17	CLEVELAND	Reqt steamer be assigned to replace steamer 1151 sunk	611-1
135157	9/22	C&R	Assigns steamer 1934 to CHATTANOOGA and cancels assignment to CLEVELAND	611-1
135206	9/24	C&R	Assigns steamer 1914 in lieu of 1151	611-1
138078	10/28	To CLEVELAND	Type GG engine 2200 is installed in boat 1364; type E-2 engine 333 is on board CLEVELAND	611-1
143977	1/22	M Is	Reports installation of engine 89E, boiler 1577, steamer 1914, CLEVELAND	611-1
153007	4/22	To CLEVELAND	Asks number of hull in which GG engine 2200 is installed	611-2
163782	8/19	To CO	Log shows GG engine 2200 installed in motor sailing launch Y 870; latter not Bu's no; Bu's record shows launch numbered 1364	611-2
167270	9/21	CO	Motor sailing launch 2273 assigned in lieu of 1364	611-2
169763	10/21	M Is	Fds reqn for G-2 engine for steamer 1914	611-1
169535	10/27	M Is T	Recommends engine 818 to vessel as spare for steamer 1914	611-2

162--11

CLEVELAND - Auxiliary Machinery

FILE No.	From or To— (Dated)	Subject.	
29421 1/18	C. & R.	Jt. Cutters 203, 563 & 832 - assignment	611 -1
52029 10/26	C&R	Cutter 1151 authorized built at M.Is.	611-1
		1912	
62867 2/24	M.Is.	BOATS; estimate for repairing engine G-2, 343, ex-Cleveland:	611--1
75841 9/27	To M.Is.	Issue of type B-3 engine No. 877 as a spare for CLEVELAND disappd. and gives instrns. re disposition of launch machinery. (T) To M.Is. appd 10/11	611
80723 10/16	Pug. Sd	Reports relative to type B-3 engine asked for by, on reqn	611--1
81383 10/29	To CO	Steamer 1151: Bu. record that Type B-3 engine 874 installed and that B-3 877 was spare. Request correction of steam log.	611-1
		1913	
104772 8/25	M.Is.	Reports changes in steam launch machy of receiving ship.	611--1
104845 8/29	Rec.Ship.	Reports installation of Ward boiler 4C10 steamer 588, in lieu of 2022	

CLEVELAND: CONDENSERS:

Number.	Date.	From or To—	Subject.
✓ 38218	5/2	M. Is. 4104	Rep w heads of distillers and retubing. Submits estimates. Y Fwd Dept. Rec appr. 5/10. R.B. 5/11 appd. To -- apprd. 5/12.
✓ 40672	6/5	M. Is. 5019	Renew clothing and lapping, using galvanized sheet iron instead of wood. Y Fwd Dept. Rec appr. 6/10. R.B. 8-12a'ppd To -- apprd 6/13.
42472	6/21	M. Is. 5824	Fit patch on both main condensers. Y Fwd Dept. Rec appr. 7/1. R.B. 7-5a'ppd To M. Is. appd. 7/6.
			1912
			1913
✓ 214332	1-26	CO.	Retube both main condensers. W
✓ 552702	3/22	To Leon Cammen	Fwds print showing condenser D L. Cammen-prints recd-3;23-D

CLEVELAND: HEAT: VENT: REFRIG:

1915

Number.	Date.	From or To—	Subject.
✓ 157042	6-7	Roelker, H.B.	Ice machine; states inspector of certain material refuses to expedite inspection; requests he be instructed.S To--Comments on. 6/9
✓ 157273	6-9	Roelker, H.B.	Ice machine; fwsd corres showing 8 days delay in inspecting material.S Fwd Brook-- 6/11 RE 6/17
164470	8/26	Pitta	Reports on shop test of Westinghouse LeBlond refrig apparatus; 3-ton, in connection with Co's bid on schedule 8173 for ice machine for CLEVELAND 700-1
✓ 238678	7/14	OO	Request new ice making box Y To--7/18
✓ 238971	7/17	To S&A	Reqt shipt of Allen ice machine from NY to. Y Phone NY--Re freezing box for Allen machine.7/17

1916 1917

162-13

CLEVELAND: HEATING: VENTILATING & REFRIGERATING:

1 ✓

Number.	Date.	From or To—	Subject.	
40117	5/25	M.Is.	Estimate for additional work lagging ice box.	162--8
✓ 50563	9/29	M.Is. 9446	Ice machine; renew outer casing of re-cooler. Y	
			1912	
			1913	
86542	12/4/12	C.C.	Repairs to ice machine, etc.	162--8
106600	9/16	C.O.	Repairs to ice machine, etc	162--8
✓ 109375	9-23 10-25	CO M.Is. 10818	Reqt. alterations to refig plant. Y To M.Is. appd. 11/7	
✓ 111557	11-3 11-24	CO M.Is. 11487	Repairs to ice machine. Y To M.Is. appd. 12/3	
			1914	
✓ 120957	3-19 3-27	M.Is. 2980 C&H 22659-E.14	Re locate radiator in sick bay. Y	
133769	8-11	CO	Reqs. addi. ice machine	162-8

1914

CLEVELAND; HEAT; VENT ETC. 162-13

Number.	Date.	From or To—	Subject.
✓ 134294	8-15 9-12	CO C&R	Cold storage; alterations. Y To NY via C&R-- Rec prints of. 9/15 Fwd M.I.-- Rec estimates. 9/15 12 58 Fwd C&R-- 12/26
140603	11/25 11/27	M. Is. T C&R 27659-E19	Proposed alteration cold storage pla rooms and ice plant. Y Fwd Dept-- Have reqtd M. Is to submit estimates for. 12/1 1915 Mare Is 12/3 (T)-- reqt action Fwd C&R-- 12/4 Fwd C&R-- 12/5
144290	1-5	CO	Reports crack in outside casing of ice box. Y
151014	3/20	M Is	CLEVELAND; ice machine purchased on reqn 162-8
✓ 153587	4-23	CO	Reqd repairs to cold storage. Y To--Instructions. 5/1 Here--See--CO letter written on account of long delay making installation 5-6
✓ 154044	5-4	M. Is T	Recommends installing ice machine now on BUFFALO and installing CLEVELAND'S machine on BUFFALO when received. Y To--(R) Disappvs; will endeavor to obtain machine under schedule #173 for. 5/5
154802	5-6	CO	Letter of complaint on long delay in installing additional ice machine. Y
6173	5/13	To H. B. Roelker T	Wire earliest delivery at works ice machine 706
155710	5-17	CO	Reports emergency repairs made by ships force to cracked ice making bbs; reqt be published in bulletin. YM

CLEVELAND: PROPELLERS AND SHAFING:

Number.	Date.	From or To--	Subject.
484052	3:27	M IS copy	Stern tube shafts show heavy electroletic corrosion-reqt instrns rel to availability of replacement shafts.Y To (1)-proceed with finishing of spare shafting and install complete with casings. 3-27 copy to Operations and CO.
486466	4:8	JAGp	Submits report of Board to inquire into condition of shafting of.Y Fwd Navgn. 4-13
486739	4:2	CO	Submits list of material turned into store at M IS April 1st.Y
486963	4:5	M IS	Submits report of analysis of sludge from port shaft.Y
486982	4:8 4:9	JAG Dept	Submits report covering condition of shafting of.Y Fwd Operations. 4-13 To I.M. Ny- Gives detail comment. 4-13
493877	5:15	M IS copy	Request authority to dock vessel to install new propeller shafts.A&Y
534962	12:8	Boston	Propeller report.Y
561477	3:26	M IS	Submits estimates covering repairs to starboard thrust line and tube shafts.Y To MI Line and Stern tube shafts repairs action appvd cc CO 5/5

122-14, CLEVELAND: PROPELLERS.

Number.	Date.	From or To--	Subject.
564165	5:10	11 13	Propeller report.Y
646812	10/26z	to Yards-Stations listed	Casings for stern tube and propeller shafts- Fwds Vandykes Dt

CLEVELAND: PROPELLERS & SHAFTING.

Number.	Date.	From or To	Subject.
359234	10/16	CO	Stern tube shafting broken - fwds strut bent - 1
355190		Chas 2	10/16 (10/16) Erie shipped stern tube shaft 10/16 (10/16) Erie shipped stern tube shaft NY (T) shaft will be completed 10/25 - 10/20
362247	10/25	Erie T	Shaft for Cleveland shipped 10/22
336583	10/25	Insr Pitts. (T)	CLEVELAND - Shaft ship by freight 10/22 R. 629
511091	10-25	Phone NY	Comments on stern tube shaft shipped Y 10/25, both shafts located 10/25
995	4-9 4-10	Insr Erie Insr Pitts	least shipping instructions propeller shafting for CLEVELAND R tube 629

162 - 14 CLEVELAND PROPELLERS & SHAFTING:

Number.	Date.	From or To—	Subject.	
389865	2/1	To NY	Info reget re correct balance shafting CLEVELAND RB 2/7	689-11
404240	3-21	To I.M. Norf	Propeller plan. Reqts fwd. Ds Norf. fwds prints 3:26 To Norf- Returnign blue print- 4/5	
428690	6-28	To S.O. NY	Propeller shaft. Advise as to correct balance which should be shown on change sheets #1340 and 1786. Yh NY 7/2	
SE 1703	7/14	To S&A	Recommis award material to Erie Forge Co R	
463867	12-18 To S.O. NY- Advise if material received. 3-3 RB-3:26	To Inspr Pitts	Test #1334-C. Stern tube shafting. Auth. acceptance. S Inspr Pitts-copy of action to Erie Forge and Steel Co-12:22 To S&A- Reqt shipment forgings from Pitts to Ny. 1-10	

CLEVELAND: PROPELLERS & SHAFTING.

1912

Number.	Date.	From or To--	Subject.
73477	5/22 7/5	CO M. Is.	Reports on spare blades carried. Y
			1913
91790	2/13	C.O.	Repairs to main engines and re-align shafts. 162--8
			1914
123592	4-21	M. Is	Reports changing ~~parts~~ propeller blades, reports pitch. etc. Y
123765	4/24	Ware Is.	Spare propeller blades; submits estimates. Y To manufacture approved 5/11. M. Is. 5/18. Gives plans followed in manufacturing spare ok des. Y
			1915
197502	8-23	M. Is T	lost Stbd propeller; and line shaft broken inside strut; request authority to use DENVER spare. Y Fwd Dept 8/25 RB 8/25 RB 8/28 TO -- (T) auth 8-24 Fwd Dept 8/25 (2 papers) (See above) Fwd SCA 8/28 RB 8/30 NY order cancelled 8-24 To M Is 8/31 RB 10/10
199088	8-29	CO	Reports loss of stbd propeller. Y. Fwd Dept-- 9/15

1018

CLEVELAND: PROPELLERS. 162-14

1913

Number.	Date.	From or To—	Subject.	
207289	12-25	M. Is	Fwds propeller data.D.	
247279	9/4	To Cramps Co	CHATTANOOGA CLEVELAND DENVER DES MOINES CALVISTO. & TACOMA. Composite propeller. Reqt ests covering manuf.	697
✓ 274162	1/15	Dept	Authorize to proceed to Chasn for repairs to main engines thrust bearings - Y	
323524	7-6	To NY	Test ship it attempts to go to NY To NY. Rqst if above ship it recd, 9-28. Rec. back 10/9. Y	Y
342200	8-28	To NY	Does not approve of removal of line and propeller shafting Y NY 9/4 CO - removed shafting - 9/3	
✓ 355190	10/3	~~Sims~~ Copy	6180 - Reqt fwd report on starboard propeller shaft carried away - Y To CO. (T) State definitely if propeller or stern tube shaft broken. 10-5 To NY (T) Advise if stern tube or shaft broken 10-14	CARD 3
33653	10/5	To Insp Eng Lat Erie T	Asks when one stern tube shaft for USS CLEVELAND be ready for ship advised that shaft be turned over for use on USS JENKINS.	629
33653	10/17	Phone NY		629

CLEVELAND: PROPELLERS: & SHAFING.

FILE No.	From or To— (Dated)	Subject.	
✓ 37402 4/21	M. Is 3572	Submits estimates and recommendations re examination of propeller stern tube shafting. Y Fwd Dept Rec bc auth. 5/1. RB 6-8 To -- Apprd 5/4.	
53637 11/6	M. Is 10957	Renew casings port stbd propeller shaft. Y Fwd Dept. Rec. Apr. 11/16. RB 11-17-18. To --- appd. 11/16.	
54571 11/17	Mare Island 11305	Replace blades. Y Fwd Dept. Rec. appd. 11/28. RB 12-1-18. To --- Appd. 12/1.	
✓ 54570 11/17	Mare Is. 11306	Blades: requests authority to mfr spare. Y To --- Appd. 11/28.	
57015 12/19	Mare Is. 12403	Repairs to port and starboard outboard stern tube bearings. Y Fwd Dept. for its information. 12/29. RB 1-3-18 appd	
57903 12/28	M. Is. —	Cleveland: repairs to h/p/ piston follower, and propeller shaft bearings.	162—8
62390 2/29	To Mare Island	1912 Stern bearings, bored out to suit new diameter of casings. Reinst corrected drawing for files. Y	
68034 4-26	M. Is 4179	Stern bearings: fws print showing alterations to casings. D	



CLEVELAND: PIPING SYSTEM.

1913

Number.	Date.	From or To--	Subject.
87282	12/4 12/28	CO M.Is. 12070	Install cross connection piping between bet tan's and feed pumps to double bot- toms.D Fwd Dept via C&R. with rec: 1/15. To M.Is. Instructions. 1/22.
	<u>1922</u>		
622403	4/29	CO	Request weld leak in steam pipe Y

Number.	Date.	From or To—	Subject.
✓ 174436	12/16	Dept	Fwds report of board to inquire into con- ditions attending fire in coal bunker B-3. Fwd Dept via S&A--Comments on. 12/27

Number.	Date.	From or To—	Subject.	
86542	12/4/12	C.O.	Repairs to machine tools, etc	162--8
94871	4-3	CO	Reqt. authority to turn in gasket mold. Y To—via M.Is. authy. 4/18	
95320	3/21 4/11	CO M.Is.	Repairs to lathe.Y	
✓ 117904	2-11	CO	Reqt. 12" modern lathe in lieu of 10" obsolete.Y To M.Is. appd. 2/26.	

1914

[illegible]

CLEVELAND: PUMPS: GENERAL:

FILE No.	From or To— (Dated)	Subject.	
✓ 36888 4/17	M. Is	Reqt. Boston manufacture and ship salt water feed pumps. Y Fwd B3at. Mfr auth. 4/25. RB 5-12 To -- Probable shipment about June 10. 5/13.	
✓ 36405 5/4	M. Is. 3947-H	Overhaul of shaft bilge pumps. Y Fwd Dept rec appr. 5/11. RB 5-13 a'ppd To -- Apprd 5/15.	
		1912	
		1914	
		1913	
133757 8-16	CO	Reqt larger fresh water pump. Y To -- Req further information. 9/14 CO gives space available 10-1 To -- Comments 10/26	
139975 11-12	M. Is 12539	Main aux feed pumps; fit new valve gears. Y To -- Authorized. 11/21	
		1916	
186972 5/3	CO T	O rdered to M. Is for repairs. Stbd thrust bearing, port main circulating pump	162-8
		1922	



CLEVELAND: VALVES:

Number.	Date.	From or To—	Subject.
52780	10/30	M. Is 10511	Repairs to sea valves. Y End Dept. rep. Apr. 11/13 RBH Co. --- Apr. 11/15.
			1912
			1913
			1115
367734	11-8	CO	CO - Repairs to throttle valves Y

[illegible]

1921

Number.	Date.	From or To—	Subject.
595788	11/17	To CO	Quarterly money allotment over expenditure of Regist explanation to be submitted to CS CLEVELAND 11/28 Y
601300	12/12 12/17	CO S&A	Report cov over expenditure of Title C allotment. Y Fwd S&A via C&R 12/24
631310	6/30	CO	Annual inventory Y
631893	7/14	To CO	Fyds allowance- Revision of "y To CO Gives change in allowance- cc EO SO yard- vessel ly

162-21

N. Eng. 134

CLEVELAND ALLOWANCE

1922

Number.	Date.	From or To—	Subject.
634542	7/1	CO	allowance sheet Title B Equipment ending 8/30 Y
639775	8/28	CO	Fwds allowances books, Y To CO - Fwds allow. list 9/25 CO CLEVELAND 3/27/24 Request copy of Bureau letter of 9/25/22 Y To CO - 3/27/24
641053	9/13	To CO	Lubricating Oil Expenditures Eng. Fiscal year 1922 Reqs inform Co. S&A Ya CO 9/22 Y
649856	11/6	CO CLEVELAND	Fwds Fwds corrected Naval Supply acct, first quarter 1923 Y
650694	11/8 11/18	CO Special Service Squad.	Reqs authority to turn in excess electrical material listed YL

CLEVELAND: ALLOWANCES.

Number.	Date.	From or To--	Subject.
273436	1/10	CO	Request inc ease in money allotment - R Fwd S&A - Recommends additional money allotment. 1-17 CO - 1-24 R - Request telegraphic ap- proval. R CO - 1/29 S&A - 2/2 - request increase in quarterly allotment
276673	3-5	To Mare Island	S E Elec Allow. Fwds as a conv. LR Mare Island - Electric allowance - fws. RA 3-9
288426	3/5	CO	Request special money allotment - R To S&A - Recommends additional allotment. 3-23
288427	3/5	CO	Quarterly allotment - request increase - R To S&A - Recommends additional money allotment. 3-16
368474	11/12	CO	Request additional money allowance - R Fwd S&A, 11-16
387343	1-25	Fwd S&A	Reqt for increase of allotment - Recommends.
409693	4-10	To CO	Revision of allowance book.

CLEVELAND

Number.	Date.	From or To—	Subject.
421020	5-19	CO	Reqst increase in quarterly money allot- Y Fwd S&A. 5-27
439443	8-14	To CO	Fwds appvd allow lists. Ya
460748	11/12	CO CLEVELAND	Reqst additional money allotment \$900 - Y Fwd S&A. 12-2
535144	12;2	CO	Request addtl quarterly allotment.Y Fwd S&A 12-18 cc 1/20/51 To CC Authd cc S&A 1/21 To S&A Authd 1/21
566777	5;14	CO	Reqst increase in quarterly money allotment To CO Allotment authd cc S&A 6/3
578759	7;29	CO	Annual Inventory completed.Y

Number.	Date.	From or To--	Subject.	
40852	6/9	M.Is.	& DENVER: reqt	184--21
41030	6/21	To S&A, M.Is. C.O.	Spare parts for motor generator added. R	
52120	10/21	M.Is.	Reqt. R To--Fwds. 11/10.	
55134	11/27	M.Is.	& DENVER: requests revised SE	184-21
57156	12/20	M.Is.	& DENVER: Fwds Equip. of Vessels- SE	184--21
58195	1/11	To M.Is.	Change: omit 2 k.w. motor generator. R 1/31 To--via S&A. Add solvo contact motors and safety lams. 2/10	
59923	1/31	To M.Is.	To--via S&A. Wrenches added. 2/24. Electric safety lanterns should be omitted. 675-7	
61296	2-10	M.Is. 1508	Recommend be increased by addition of boring bars for lathes. R To--via S&A. Instructions. 2/17.	
63247	3/1	M.Is.	& DENV R: reqt return of, submitted for approval. To--via S&A. Fwds list. 4/22.	184--21
88939	1-13 1-29	CO S&A	1913 Reqt. authority to turn in oil filter. R. Ret S&A. Reqt appr. 1/31.	

1913

CLEVELAND: ALLOWANCE 162 -- 21

Number.	Date.	From or To—	Subject.
122952	4/21	To M.Is.	Add to Title B. special wrench for use in removing valve from valve stems of main engines.R 1913
142471	12-9	CO	Recd authority to turn in certain NSA stores.R Fwd CAR-- 12/19 To-- authority granted. 12/19 1913
170100	11-2	CO T	Recd \$1000 inc quarterly allotment.R Fwd Dept-- Recd allotment \$500. 11/8 RB 11/10 CO (T) recd Bu's action by radio 11/8 Fwd Dept--11/9 RB 11/11 1913
183525	2-22	CO	Request authority to turn in obsolete material vs. 4/4 To--Returns lists. 6/5
189509	5-27	CO	Fwds.R
✓ 198486	8/15	CO	Allowance list; fwds.R To--Returns appvd with modi'g/9
257935	12-20	To CO	Revision of Elec Allow lists. Fwds Blank copy. L-R

1918

Number.	Date.	From or To--	Subject.	
307330	5-14 5-15	TO All Cruiser	Request present whistle installation be replaced by whistle similar to those used on destroyers. Y To: Has issued form for purchase of new and larger whistle. 5-17	
309416	5-24	To N Y To C O	Installation of whistle on ship and enclosing prints of same. D To C O, Commenting on installation, 5-27	
1994	6-13	To SEA	Re: reqst that steam whistle be delivered to New York for CLEVELAND	629

air compressors.

Number.	Date.	From or To—	Subject.	
44841	7/19	M.I.R.	Revises estimates for repairs to:	10--8
			1912	
		1918	1913	
364552	10/30	CO	Install air discharge valves on air compressor-Y	

RECORD OF WORK

4-2381

CLEVELAND: RECORD OF WORK.

-1919-

2

Number.	Date.	From or To—	Subject.
457502	11/12	Key West	10/6 to 11/11 - Y
474531	1:1	CO	Quarter ending December 31st.Y
489029	4/1	VESTAL	Quarter ending 3/31 - Y
503735	6-30	E MELVILLE	Quarter ending 6-30-20; Y
507688	7:1	CO VESTAL	Quarter ending June 30th.Y
520741	6:10	M IS ~~CANCELLED~~	March 15 to June 5th.Y
520836	6:10	M IS	March 15 to June 5th.Y and 11-10-27 Co MI Report summary of repairs 10-7 RB 12/28 Y M 13-submits summary of repairs to radio apparatus 1-19-28 Y
525619	12:1	CO	Quarter ending Sept 30th.Y
543370	1:1	CO	Quarter ending Dec 31st.Y
593453	10/1	CO	Quarter ending 9/30 Y

162-25: CLEVELAND: RECORD OF WORK:

1921

Number.	Date.	From or To—	Subject.
593946	10;1	CO	Quarter ending Sept 30th. Y
605800	1/1	1922 CO	Quarter ending 12/31. Y
518263	4/7	M.I.	5/5/20 to 5/21/21 Y
519100	4/17	Boston	12/1/21 to 2/1/22. Y
620806	4/1	CO	Quarter ending 3/31 Y
631791	7/1	CO	Quarter ending 6/30 Y

CLEVELAND: RECORD OF WORK.

1913

Number.	Date.	From or To—	Subject.
111446	11-23	M. Is	June 30 to Sept 30. Y
121791	4-2	M. Is	Quarter end Mar 31. Y
125866	5/22	Mare Is.	Mar. 31 to Apr. 25. Y
126183	5/26	Mare Is.	Mar. 31 to Apr. 25. Y
126802	6/1	M. Is.	Mar. 31 to Apr. 25. Y
173316	12-2	M. Is	Apr 25, 04 to Jna 3, 15
176919	1-17	M. Is	Apr 25 to Jan 3, 15
181376	3-4	M. Is	ditto
182039	3-11	M. Is	Apr 25 14 to Jan 13 15
182418	3-15	M. Is	Mar 19 to Sept 25

1917

CLEVELAND: RECORD OF WORK. 162 - 25

Number.	Date.	From or To—	Subject.
✓ 256033	—	CO	Quarter ending September 30th Y
276471	No	CO.	Quarter ending Dec. 31.
279531	2-2	Charleston	Jan. 21 to Feb. 2. Y.
✓ 306605	5/1	CO	Quarter ending 3/31 - Y
360762	10:1	CO	Quarter ending 9-30
400569	1:1	CO	Quarter ending 12:31:18 Y
416711	5-1	CO	Quarter ending 3/31 - Y
✓ 456127	11/4	Key West	Week ending 11/1 - Y

162-27

~~CLEVELAND TO VAYS~~

1922

8

Number.	Date.	From or To—	Subject.
✓ 650471	11/7	34/23	Cylinders Pistons Eccentric Straps Y
650803	11/14	Spec Service Squad	copy letter to CO. rel to survey 2923 covs. in coal buckets Y

COLUMBIA: R 17 Y3.

Number.	Date.	From or To—	Subject.
525620	7:3	CO 26	Vibrating bells.Y Fwd S&A: 10-30 RB-12:15
525621	7:8	CO 36	Receptacles.Y Fwd S&A: 10-30 12/24 RB Y
525622	7:1	CO 24	Various items.Y Fwd S&A: 10-30
525623	7:1	CO 20	Various items.Y Fwd S&A: 10-30 RB 12/24 Y RB 1/19/31
525624	9:23	CO 5-SE-21	Boach magneto.Y To CO Recst engine the magneto number 11-1 CO 11:15-1
525625	9:1	CO 6-SE-21	Soldering irons, torches, drills, etc.Y
525626	9:31	CO 4-SE-21	Main bearings, connecting rod, etc.Y
525627	9:23	CO 9-SE-21	Pipe threading tools, taps and dies.Y Fwd CO 10-30 RB-12:3-Y
525628	9:10	CO 3-SE-21	Hand sound signal horn.Y
525629	9:23	CO 2-SE-21	Ratchets.Y Fwd CO 10-30 RB-12:3-Y
525630	9:24	CO 3-SE-21	Hand Klaxon horn.Y
525632	9:31	CO 7-SE-21	Compressor piston rod.Y Fwd CO 10-30 RB-12:3-Y

162-27

N. Eng. 134

CLEVELAND: SURVEYS

1921

Number.	Date.	From or To—	Subject.
543842	1-/14	CO 16	Magneto Y
543840	11/24	CO 12	Eccentric strap, Muffler, Carburetor Y
543844	12/10	CO 14	Shaft Y
Fwd 8	EA 7/27	Yb RB-8;1-Y	To CO Ask to expedite action 5/26
543844	12/13	CO 11	Fwd CO 7/8 Cylinder, Carburetor, Connecting rod Y
			Fwd CO 2/3/21 RB-6,20-Y
543843	12/16	CO 12-16	Pump Y
555168	3/17	MI 23-21	Pulley Y
557537	4/6	MI 24	Storage batteries Y
582296	3/3	CO 27	Fwd survey with explanation-missing parts Y
650469	11/9	33-23	Gauge Plunger Hose Y
650470	11/9	32-23	Brasses Spark Arm tures Valves Y

CLEVELAND: SURVEYS:

Number.	Date.	From or To—		Subject.
475488	1:30	CO	6	Clocks.Y
475489	1:30	CO	3	Anvils, forges and soldering irons.Y
475490	1:27	CO	4	Deck lanterns.Y
483160	3:17	M IS	30	Various material.Y
483159	3:17	M IS	15	Various material.Y
483158	3:17	M IS	37	Platform scales.Y
484167	3:19	M IS	32	Radio apparatus.Y
484566	3:13	CO	6	Miscellaneous fittings.Y
484813	3:22	M IS	41	Electric drill.Y
484814	3:22	M IS	42	Gauge testing outfit and portable elec blowers.Y
486148	3:30	M IS	43	30 foot motor sailing launch engine.Y

162-27: CLEVELAND: SURVEYS:

Number.	Date.	From or To—	Subject.
486841	4:3	M IS 53	Electrical Grill.Y etc
488017	4:9	M IS 61	Non-water tight portables.Y
488552	4/13	M Is 66	Jaw vise - Y
✓ 491920	4:29	M IS 60	Machinery in 30 ft motor sailing launch.Y To if Hull concerned machinery should be turned in to store adv. action 5-10. Copy to CO MI and CO. RB 6/2 Y
492632	5/4	M Is 79	Hose - Y
495435	1/27	CO 10 4	Deck lantern - Y
495446	3/27	CO 31	Thrust bearings - Y
495457	3/24	CO 14	Various material - Y Dept-copy of action CO-fwd's corres with survey No.14 covering various material 6:4-Y Fwd CO 5-25. to CSR-6:22-DAV
495460	5/17	M Is 80:4-Y	Fwd Dept 6-16. RB-6:22-Y Machy in 30 foot motor sailing launch-Y
497050	5/18	M Is 88	Hose - Y
498263	6/2	M Is 86	Brill and motor clutch - Y

COLUMBIA: RADIO OUTFIT.

1015

Number.	Date.	From or To—	Subject.
164735	8-30	Phila	Estimate for installing 5 kw set.W To--Appvs. 9/2
167046	10-27	To CO.	Retain 1-P-76 radio rec set #391 ex TEXAS on board. W
172102	11-24	To S&A. (2)	Reqt shipment radio apparatus to ship.W
172438	11-29	Phila R	Reqt shipment from NY Lowenstein 5 kw set. To NY--Asks efficiency of apparatus. 12/1 Phila (R) Reqt action. 12/8 To--(R) Asks radiation being obtained on seven fifty meters. 12/4 Phila set will not operate satis under any conditions; gives reasons. (R) 12-7 To S&A-- Reqt shipment apparatus from NY to Phila. 12/8 NY reports in detail on difference silver and copper caps 12/13 To NY--Return cap to contr's for repairs. 12/16 To S&A-- Reqt for shipment. 12/18
174105	12-37	To CO.	Radio receivers; lists equipment which will be furnished ship; reqt dta on receivers now on board. 12/17 W CO gives legion 1-12 To--Transfer rec to DIXIE. 1/21
175403	1/5	To NY	Wave changing switches; asks if switches were furnished with radio sets purchased under contract rec 109 and whether shipped to Phila for COLUMBIA & MINNEAPOLIS

905

167 -- 6 COLUMBIA: RADIO:

Number.	Date.	From or To—	Subject.
177659	1-31	To CO.	1/4 K.W. portable radio set, type B-13; asks disposition of W
178658	2-3	CO	Personal; request Marconi wave meter for use in connection with keeping up sets on subs.W
178894	2-12	To S&A.	Reqt shipment Marconi wavemeter from NY to ship. W
179078	2-9	CO	Gives description of portable radio set on board.W
187194	4-29 5-6	DIXIE S&A	Transfer of radio material; COLUMBIA asks for signed voucher differing from original voucher on which returns have been made. W Fwd S&A-- 5/10
189801	6-7	To S&A.	Reqt shipment one audibility meter from Wash to ship. W
190158	6-8	To Phila.	20 K.W. arc radio set; reqt plans and estimates for installation. W
191305	6-16	Phila	Arc radio sets; submits plans and estimate for installation.W Fwd C&R--Have authorized/ 6/28 RB 7/6 Fwd C&R--Have authorized/ 6/28
191609	6-16 6-27	Phila C&R	Arc radio house; plans.W Fwd C&R--location satis. 6/28

1912

1 ✓

Number.	Date.	From or To—	Subject.	
79141	9/30	C.O.	ARKANSAS. rect radio set belonging to Conn. and aerial from Columbia be transferred from Phila to NY, vessel to have use of during review.	121--6
			1913	
66290	12-31	Phila	Reports on. W.	
✓ 103076	8-5	Phila	Radio set: rect. assignment. W To---will inform as soon as contract is awarded. 7/7	
✓ 106610	9-25	Phila	Rect. date delivery. W To---not awarded 9/29 Phila can complete work if del. 11-1. 10-1	
109867	11-7	Phila 397-357	Rect. print showing overall dimensions and wiring diagram of radio apparatus. W	
109868	11/11	To Phila, NY, 3&A	BACONLYX. Radio sets, (34 recn 109) assigned; request shipment from NY to Phila.	142 6
			1914	
114306	1/7	To NY	5-kw set: instructions for shipment, contract 232.	876
✓ 118723	2-25	Phila 397-357	Estimate for installing. W To---installation will be held up owing to lack of funds. 2/28.	

COLUMBIA: RADIO 167-6

1913

Number.	Date.	From or To—	Subject.	
120263	3-16	Phila 6000-357	Asks if 80 volt motor generators will be ordered to replace those delivered with sets. W To --- 1 kw set should be assigned to TENNESSEE: recd set. 2 kw set from TENN. should be held for SACRAMENTO. 3/20	
121627	4/4	Phila	TENNESSEE: estimate for installing radio outfit originally assigned COLUMBIA	431-6
128226	6/24	Phila. 397-357	Set originally assigned transferred to TENNESSEE. Asks date of delivery of new set, W	
128222	6/25	To Phila.	& MINNEAPOLIS: sets not yet assigned.	289-6
134162	9/15	Dapt. 4528-282	In view of probability of ship's being placed in ordinary, does not desire to go to expense of installing any radio outfit on these vessels.	289-3
158612	6-22	To NY.	1915 To NY: Have recd shipment of radio apparatus to Phila be expedited. W To S&A--Reqt for shipment from NY to Phila. 6/22 To S&A--Reqt shipment Cohen set from Wash to Phila. 6/22 To Phila--Notifies of shipment: reqt estimates for installation. 6/23 NY ex-TEXAS being repaired 6-28	
160888	7-6	Phila Fwd S&A--Noted. 9/8	Estimate for installing. W Fwd NY--Asks if any apparatus available for installation on. 7/21 RB 8/2 To--Approv: 7/21 To--Have recd shipment of rec set for assignment to. 8/4 To S&A--Reqt for shipment. 8/4 RB 8/21 To Phila reqt estimates 8-18	

COLUMBIA: SIGNALS: SUBMARINE:

1518

Number.	Date.	From or To—	Subject.
186726	5-4	To Phila.	Bu has prepared reqn for one submarine receiving apparatus and services of expert to install; auth installation. L
189.64	6-1	Phila	Asks when Submarine receiving set will be received. L To-- Due for delivery July 27. 6/3
209485	12/14	CO	VOID
221611	4-3	CO	Reports inspection of submarine signal apparatus.
249153	9/14	C&R	Submarine signal apparatus - relative to not installing submarine signalling apparatus - 1
279883	2-5	CO	Fwds. inspection of submarine signal apparatus. L. Fwd Washington D. C. 2-9
320900	6-28	To C O	void
			Re report on material for searchlights L

167-7: COLUMBIA: SIGNALS SUBMARINE:

Number.	Date.	From or To.	Subject.
✓ 435762	7:28	S&A	Fwds ~~copy~~ invoice from submarine signal oo covering repairs to receiving apparatus. L Fwd S&A: 8-8

COLUMBIA: MACH PLANT:GEN:

Number.	Date.	From or To—	Subject.
555343	4:3	Atl Flt copy	Vessel can operate with fleet if repairs to dynamo and other minor repairs are made-A
560715	4:27	Dept	Instrns in connection with holding matl insp. Y To Bd I&S Fwd corr from files 5/2 - Bd I&S-returns corres-6:20-Y
563094	5:9	Dept	Vessel will be placed out of commission at Phila. Y
566666	5:27	Dept	Vessel will be detached from Atl Flt and placed out of commission at Phila. Y
569035	5:14	Dept	Vessel will be placed out of commission at Phila June 27th. Y
570044	no date	Pd I&S	Report of matl insp. held by Phil. Y
571107	6:22	Dept	Vessel placed on list of those to be sold. Y
571212	6:15 6:22	Bd I&S C&R	Submits report of matl insp. Y Fwd Operns via Ordn 6/27
572073	6:27	Phila	Vessel placed out of commission

Number.	Date.	From or To-	Subject.
572710	6/30	Dept	Copy letter to Phila. directing appoint board to inspect vessel prior to sale.
572711	7/1	Dept	
572712	7/2	Dept	
572713	7/3	Dept	
572714	7/4	Dept	
572715	7/5	Dept	
572716	7/6	Dept	
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572740	7/30	Dept	
572741	7/31	Dept	
572742	8/1	Dept	
572743	8/2	Dept	
572744	8/3	Dept	
572745	8/4	Dept	
572746	8/5	Dept	
572747	8/6	Dept	
572748	8/7	Dept	
572749	8/8	Dept	
572750	8/9	Dept	
572751	8/10	Dept	
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572799	9/27	Dept	
572800	9/28	Dept	
572801	9/29	Dept	
572802	9/30	Dept	
572803	10/1	Dept	
572804	10/2	Dept	
572805	10/3	Dept	
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572990	4/4	Dept	
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572996	4/10	Dept	
572997	4/11	Dept	
572998	4/12	Dept	
572999	4/13	Dept	
573000	4/14	Dept	

Copy letter to Phila. directing appoint board to inspect vessel prior to sale.

Fwd Cpr via Ord May 7-28
To Comat Phila-Appvd 8/13 Yb

Submit report of Bd Survey & Estimates relative to repair of vessel for sale.Y
Fwd Dept via Ord- 8/4 Yb

All matl removed from.Y

COLUMBIA: MACHY PLANT, GENERAL:

Number.	Date.	From or To--	Subject.	
490163	4:27 9/20 To Phila.	Phila reqst specific info	Request machinery plans.D Phila 5/28-D To Phila Plans will be furnished when prints made 6-2. Phila 7:26-D	
491133	4:24 5:1	CO Atl Trn	Request overhaul all boiler main stop valves operating gear renew valve discs on main stop valves on all boilers overhaul forced draft blowers, etc.Y	
Fwd Phila. Via C&R. 5-5. Copy Atlantic tra & CO.				
492145	4:27 5:4	CO Atl Train	Request vessel be ordered to yard as soon as possible for repairs.Y	
501763	6:25	Dept	Copy of letter to Phila giving instrns relative to repairs on.Y	
503235	7/3	Phila	Submits estimates incident to report of 1. Card of survey and estimates on main boilers. Y	167-10
505121	7:13	Phila	Submits detailed estimates covering various repairs.Y To Phila Reqst no extra tubes be delivered C ^o 7- 7:27	
507687	7:8 7:23	Atl Flt Ord	Submits report of inspn.Y Fwd Opens via C&R- Led & S. rg 7-27	

167-8; COLUMBIA; MACHY PLANT; GENERAL:

Number.	Date.	From or To—	Subject.
✓ 512334	8:16	Phila VOID	Propeller report.Y
512327	8:10 8:18	CO Dept.	Submits request for various urgent repairs.Y To CO Gives setting for safety valves of boilers 9-14 Fwd Operns 9-14
✓ 512618	8:19	Dept VOID	Instrns in connection with matl insp.Y
✓ 512617	8:18	Dept ~~207-X~~	Request repairs on COLUMBIA & MINNEAPOLIS be limited to those absolutely necessary.Y
✓ 525638	10:20 10:25	CO Atl Trn	Request renew suction line from feed tanks to main feed pumps and renew upper half of both evaporators, etc.Y
✓ 528128	11:4	Phila	Confirms telephone conversation in connection with placing COLUMBIA out of commission and using MINNESOTA as Flagship.Y
✓ 529651	11:12 11:15	CO Atl Flt	Request repair sections of copper pipe also fit new commutator for ventilating blower motor.Y
✓ 548971	2:26	CO	In connection with request for addtl main in engineering dept.F ~~and attach 2/5/31~~
✓ 553579	3:16 3:19	CO Atl Trn	Reqt overhaul dynamo engine overhaul aux condensers main boilers etc.Y

COLUMBIA: MACHY PLANT: GENERAL.

Number.	Date.	From or To--	Subject.
357328	10/10	Dept	10/17 date of completion - Y
408552	4-7	To CO Columbia	Request recommendations as to cancellation of job orders listed. CO 5/3 Submits list of job orders to be cancelled. Fwd Comdt Phila. 6-9 copy to CO. CO 5/3- Submits list of job orders to cancel - Y
411379	4-16	To I.M. Ny	Transfer of job order to Phila. copies to Operations-Phila and CO. To
424970	6;11	Dept	Copy of tel. Norf. making ship available for docking Y
435787	7:24 7:28	Phila C&R	Lists job orders which have been cancelled.Y Fwd Ordnance. 8-4
448773	9:24 10:1	Dept Ord	Submits report of investigation Y Fwd Operations via C&R-344-445- 10-3

COLUMBIA: MACHY PLANT: GENERAL

Number.	Date.	From or To—	Subject.	
461232	12-2	Dept.	Vessel made avail at Phila for dry dock.	Y
461587	12-4	Dept	Instructions in conn with holding material inspection: Y To Bd I&S- Fwds correspondence. 12-8 Bd I&S-returns corres-2:18	
465714	12:27	Phila copy	Board of Inspection and Survey will conduct material inspection on 1A & 1B at Philadelphia Dec 19th. Y.	157-8
471411	no date	Bd I&S	Vessel docked for 2 days. A	
479234	3:2	Phila (2 letters) To Phila Gives list of work authorized CC CO 7-6. To Phila ap: wd CC CO 7-8.	Report of material inspection held Dec 23. Y Fwds reports of Bd of Survey & Estimates. Y Fwd Dept. 3-10 RB-3:17 Fwd Dept. 3-12 RB-3:18 To Phila. copy to CC. Auth work at estimated cost of \$3799. 3-19 To Phila- Bu recommendation appvd by Dept and work to be performed when vessel is available. copy to CO/ 3-20 Phila 7/2- Sum estimates. 7/2 Y	
488219	4:6 4:17	Atl Flt CAR	Submits report of inspection. Y Fwd Operations Via Ord-Navy-S&A-M&S. 4-20	

COLUMBIA: MACHINERY PLANS: GENERAL

Number.	Date.	From or To--	Subject.
297012	4-11	Dept	Material inspected to be held at NY. Y To Bd IAS - Fwd. corres listed. 4-13 Board I & S - Returns papers. 5-15
297440	2-21	CO	Submits list of alterations required - recommends repairs be completed by April 25th only be undertaken. Y
295693	4-8	Phone NY	Alterations. Yd stated desires to enlarge vapor piping from the evaporators to the distillers. Bu stated work auth not to delay the vessel. Y
297708	4/4 4/10	CO NY	Alter design of safety valves - install steam traps instead of vance - Yd.
303138	4/24 and 25		Fwd's report of material inspection Y To Dept. Submits recommendations for items 5-13 RB To Dept. Assts inform. re material inspe. 5-28 R B 6/4 To Phila. re material inspection 5-5 To Phila. re material inspe. the transfer of job orders from NY to Phila. 5-5

137 - 8 COLUMBIA: MACHY PLANT: GENERAL

Number.	Date.	From or To—	Subject.
307236	5-5	NY	Repairs to 32 KW armatures - repairs to shells of evaporator. Y Fwd Oct. 6-5
324951	7-6	CO	Re test repairs to pipe and HP cylinder liners. Y To Phila. enclosing letter re urgent repairs 7-11
344576	9-3	Dept	Authorizes repairs by outside contrs - Y
345729	9/1	CO	Repairs to steam line - boilers - valves - piping - pumps - etc - Y
348720	9/9	CO	Alterations - manuf shields for boiler hand hole plates for gaskets around thrust seats - etc Y Fwd Dept. 9-17 To Dept. 9-17 R B 21 To CO. Comments on alterations 9-23 Fwd Phila 9-23 Fwd Dept. 9-23 To Phila. 9/23 R.B. Oct. 25
356103	10:2	At. Fleet CANCELLED	Burney Gear docking for installation Y

COLU 31A: MACHINEERY PLANT: GENERAL.

Number.	Date.	From or To--	Subject.
246371	8/15 8/27	Phila Atl Plt	Relative to date on which vessel should visit Yd for underling repairs Y Fwd Dept via C&R--8/30
247902	9/5	Dept	Military inspection - Y Fwd Dept via Ord S&A Nav, n M&S--9/10
248092	5/13	CO	Alterations - install mechanical tolerances, additional plug, receptacles, alter design of safety valves, furnish eight force draft fans for fire room, replace search lights - Y To Phila-- Outlines action. 9-18
249548	9-17	Dept	29th date of completion. Y
253357	11/25 Fwd Phila-	Dept 1-23 R B 2/9	15 days work authorized. Y To NY-- weekly report of work. If can be completed within the time allowed it is auth. 11-27 To NY-- sets expedite report 1-8 NY - 1/9 - Y
264855	12/3	Dept	12/23 date of completion - Y
278350	2-2	Phone NY	Repairs to underling during time required for removal of section of in str. in Yd Phone NY-- yard ref to undertake work auth. 2-2

COLUMBIA: MACHINERY PLANT: GENERAL. 167 - 8

Number.	Date.	From or To--	Subject.
278812	2/2	Dept	Feb 18th date of completion - A
288009	3/5 3/9	NY Dept	Reports on material conditions of ship on leaving Yd - Y
285633	2-22	To NY - Directs trans job orders to Phila. 3-13 Phila 4-3-25 CC Fwd Dept via C&R 3-13	To Phila - Repts return weekly report of work when served per Ose. 3-13 Iteration-inst. 11 feed water heaters, 5 ft bilge pumps-install dunnies and uptakes and remove donkey boilers. Fwd Operations. 3-5 RB3-9. Y To- Hous 1 and 2 signed by Dept. 3-11
290076	3/15	C&R	Copy of letter to NY & Phila transferring job order to Phila id - Y
295141	3-21	CO	Request repairs to piping, furnace ? Y
296229	4/8	Atl Cruiser Flt	Urgent repairs to shafting, machine piping, boilers. Y

COLUMBIA: MACHINERY PLANT: GENERAL.

Number.	Date.	From or To -	Subject.
✓ 196516	8/14	Phila	Request plans.D
200692	9-29	Dept	Repair limit Oct 31.Y
209349	12-5	CO	Report of new CO.Y Fwd Dept—1/25
210567	1/5	To Key West	Fwds full set of machinery plans of. D/
✓ 214870	2-12	CO	Submitslist of uncompleted JOs.Y
✓ 216518	2-27	CO	Request that installation of an additional 32 kw gen set and templates for main steam piping in fire rooms be expedited.Y Fwd Phila—1st crew. Directs expedite assembly of material. 5/3RB 3-17
216518	4/24	Phila	Re Phila. berts. Y

COLUMBIA: MACHINE Y PLANT: GENERAL.

Number.	Date.	From or To—	Subject.
228480	5/14	CO Copy	States will arrive Phila for repairs on 16th Y
✓ 231900	6/4	Dept	Changes base port and temporary repair yard from Chasn to Hampton Rhodes and Norf Y
✓ 232200	7/7	Dept	Report of mill etc. inc. action Fwd Dept via C&R Ord Navyn S&A M&S--7/16
✓ 239987	7/10	CO	Repairs to dynamo engines, anchor engines, ice plant, evaporators, renew certain sections of main steam lines Y Fwd Dept--8/1 per 8/4 And Phila via C&R--8/4

COLUMBIA: MCHY. PLANT: GENERAL.

1915

Number.	Date.	From or To--	Subject.
✓ 171983	11/22	CO	Install strainer on suction of distiller circulating pump; run voice tubes and call bells from engine steering to call bell station. Fwd Phila--Item 1 authorized. 12/1 RB 1/3 To C&R--For work under its cog. 12/1 C&R C&R work auth 12-2
173911	11-29	Bd I&S	Material inspection.Y
✓ 175178	12-30	CO	Rec self starter for lighting system, motor charge, ash ejector in fire rooms, elec motor in machine shop.Y Fwd Dept--Rec disappvl. 1/6 RB 1/8 To--Disappvs. 1/10
175978	12/30	COLUMBIA	1916 Submits estimate for renewing studs, safety valves, lagging boiler, etc 167-20
176088	1-11	Phila Fwd Dept-- 2/8 RB 3/15	Report of board of survey and estimates.Y Fwd Dept--Recommendations. 1/26 RB 1/28 To-- Gives action on. 1/28 Phila comments on dates of completion 2-7
176070	1-12	Dept	Available for work up to Jan 31 Y
181440	3-7 3-11	Phila Dept	Reports material for work recommended by board survey assembled.Y Fwd C&R--Noted. 3/13
182970	3-23	Phila	Laundry; estimate for piping and elec work.Y To-- Work authorized. 3/29

COLUMBIA: MACH PLAN 167-9

Number.	Date.	From or To—	Subject.
188652	5-22	Dept	Copy of letter to Phila stating vessel available for ~~see~~ work from June 1 on boilers and other auth repairs. Y
189499	5-31	CO	List of work to be done by ships force. Y
190006	6-3	Dept	Repair limit Aug 15. Y
193778	6/30 7/13 7/17	CO Phila Dept	CO requests work be expedited to complete within repair limit, Aug. 15th; yard reports impossible to complete authorized work before Aug. 15th; extension probably necessary; request authority to work over time. Y Fwd Dept--Overtime work not recommended; rec extension of date of completion, if necessary. 7/17 Dept Copy tel to Phila-- Overtime not authorized 7/18
194096	7/19	Dept	Repair limit extended to Oct. 14th. Y
194708	7/17	Dept	Military inspection; fwds report. X Reid Via C&R-S&A-M&C--Noted. 7/28
195428	7/25 7/31	CO Dept	Fwds correspondence on defects developed in machinery after commissioning, with particular reference to defects in shaft-ings, bearings, etc. Y (Cross to 14) Fwd Phila-- For estimates, 8/2 RB 8/19 Fwd Dept 8/23 RB 8/25 Fwd Dept 8-23

COLUMBIA: MACHY PLANT.

1915

Number.	Date.	From or To—	Subject.
/ 144500	1-9 1-12	Phila Dept	& MI NEAPOLIS: completion indefinite; reqt authority to cut down weekly report of work. Y Fwd Dept via Ord-- Rec appvl. 1/15
✓ 144501	12-10 1-4 1-14	Phila Dept C&R	& MINNEAPOLIS: submits approx amount of work still required on; suggests be converted into mother boats for SUBS by removal of one set of engines and reducing boiler power. C&R appvl. 1/15 Fwd Dept via Ord-- Rec be not converted as submarine tenders. 1/15
158537	6-27	Dept	To be placed in full commission as soon as practicable. Y
158916	6-23	Phila	Report of board on inspection and examination prior to commissioning. Y Fwd Dept via Ord-S&A-- Noted. 6/28
163179	8-6 8-11	CO Phila	Req additional allotment to cover repairs. Y Fwd Dept appd 8/12 RB appd 8/13 Fwd Dept agreeable 8-12 Phila will process 8-12 TO Phila (N) allots \$8500 8-13(2).
163249	8-12	Dept	Repair limit Sept 4. Y
163818	8/19	CO	Req complete set of plans. D
✓ 165095	9-4	CO	Req alterations to reducing valves, obsolete traps, main air pump exhaust, by-pass to low pressure air boiler, etc. Y Fwd Phila-- For est and rec. 9/9 RB 10/4 Fwd Dept-- Recommendation s. 10/5 RB 10/8 Fwd Dept-- 10/9 RB 10/12 To Phila-- Gives action on. 10/9

COLUMBIA: MACHY PLANT. 167-8

Number.	Date.	From or To--	Subject.
✓ 166057	8-6 8-23 9-17	Phila Dept C&R	Statutory limit; reqt ruling on proper charges against. Y Fwd Dept-- Concurs in. 9/15
166296	9/4 9/16	CO Sub Flo	Repairs to main engines, condensers, piping, valves; retube 8 boilers. Y To Phila-- Submit reqn for material for retubing/ 9/23
166953	9/29	Phila	Boiler and condenser wand/kes; reqt. D
167714	9-16 10-4	At Sub Flo Phila	List of repairs. Y Fwd Dept-- Recommendations. 10/11 RB 10/12 To Phila-- Gives action on. 10/13 Fwd Dept is C&R-- 10/13
✓ 168325	9-4	CO	Retube 8 boilers; repack main condenser, repair main engine throttles, pumps, steam line. Y To Phila 10/16 Phila submit report 12-3 To Phila-- Gives action 12/7
168456	10-15	Bd IS&	Reqt repair papers To-- Fwd papers 10/16 Bd IS& returns 12-27
170731	11-8	CO	Alterations to piping, install relief valve galley steam line. Y Fwd Bd IS&-- 11/10 To-- Reqt Fwd to Bd IS&. 11/10 CO reqt action 11-12 Fwd Dept-- Recommendations. 11/13 RB 11/16
170962	11-11	CO	Alterations to fresh water pumps, feed pumps, exhaust lines. Y To-- Work authorized 11/13

COLUMBIA: MACHY PLANT. GENERAL.

Number.	Date.	From or To—	Subject.	
✓ 95974	4-26 4-28	Phila Dept	& MINNEAPOLIS: progress of work and amount expended. Y Ret Dept via Ord and C&R. 4/29.	
96601	4/26	Phila. 397-45-3	Statement of expenditures on authorized repairs and amount necessary to complete under SM. Y Fwd Dept. rec previous approvals not completed be regarded as void. 5/10. ~~EE 5-10~~ To---Instructions. 5/15.	
✓ 96602	5/6	Phila. 397-10	Summary of expenditures for new work and amount necessary to complete. Y Fwd Dept. rec. appr. 5/10. EE 5-10 To---Instructions. 5/15.	
98887	5-29 6-6	Phila Dept	Reports inability to complete repairs by middle Aug. Time limit extended to Nov. 1st. Y Ret Dept. via Ord. S&A and C&R. 6/7.	
104523	8-23	Phila 397-451-6	Regt. Lump authorization of \$7500 be made to cover repairs that have developed during overhaul period. Y Fwd Dept. with rec. 8/28. EE 8-28 To---Authorized at his Discretion 9/2	
108505	10/17	Phila	& BROOKLYN: have concentrated force on other work at Yard. probable dates of completion Jan. 30 and March 14.	142--8
109049	10/29	Dept	& BROOKLYN: dates of completion, Jan 30 and March 14.	142--8

COLUMBIA: MACHY PLANT. GENERAL 167-8

1914

Number.	Date.	From or To--	Subject.
114323	1-5	Dept 4526-336	* MIN NEAPOLIS: directs material inspection Phila.Y
✓ 114435	1-7	3d I&S	* MIN NEAPOLIS: rect repair papers.Y To---fwd's papers.1/18.
✓ 115007	1-20	3d I&S 213	Material inspection; fwsd. Y
✓ 121083	3-28	Dept	* MIN NEAPOLIS. SALEM. CHESTER. BIRMINGHAM: Senate Resolution 317 directing these vessels be prepared for duty as mail, passenger and freight transports between NY and South American coast; directs estimates for placing in condition without detriment to military efficiency. C To Dept. gives available data.3/31. ✓ Panama Canal "Ancon" and "Cristobal; gives data on 4-4 Nav. 4/3 recd data on addtl ships.M To Nav.gives data.4/6.
✓ 131597	8-5	Dept	* MI NEPAOLIS; and other cruisers: bill establishing line of ships between NY New Orleans, and South American ports; rect. steaming radius of various vessels named be supplied.M To---fwd's data.8/7
✓ 136043	9-28 10-5	Phila C&H	* MIN NEAPOLIS: re completing repairs and commissioning. in connection with BIRMINGHAM * PANTHER.Y Fwd Dept-- Recommendations. 11/25

COLUMBIA: MACHINERY PLANT: GENERAL:

FILE No.	From or To— (Dated)	Subject.	
✓ 30836 2/26	Phila 14-6	Reports final cost of repairs to. Y Fwd Dept. Rec Congress be asked to auth. addtl expenditure 2/4. R.B. 2/10 enclosure to 23181. 2/18 (T) to -- Reqt cost of constrn work 2/20.	
✓ 32019 2/20	Phila. Yd T	Submits increased estimates. Y	
✓ 32732 3/1	C&R 4465-E.44	Fwds prints of body plan and cross sections. D To-acks. 1/3	
37288 4/26	Phila 397-6	Asks if work covered by revised estimates is to be authorized. Y Fwd Dept for information 4/20. R.B. 10 stating will ask Congress for auth. to expend \$60,000 in excess of the limit. 5/12 To -- Advising. 5/13.	
1912			
1913			
92282 3/12	To Phila	& Brooklyn: reqt information as to when work will be completed, etc	142--8
93301 3/20	Phila	Prospecta of work in Hull division for next quarter, re necessity to lay off men due to lack of work.	689--15
93639 3/28	Dept	& BROOKLYN: directa work on be resumed	142--8



COLUMBIA: MAIN ENGINES:

1913

Number.	Date.	From or To--	Subject.
105915	9-13	Phila	Reqt. vandyke of setting of main engine valve.Y TO -- fws 9-22
163885	8/20	Phila R	1915 Reqt. authority to manufacture surfacing shell for crank pin, main engines.Y TO -- (R) auth 8-21
✓ 171831	11/18	CO	States packing fitted on piston rods and valve stems of main engine by the United States Metallic Packing unsatisfactory; recommends bid of the France Packing Co be accepted and material installed.Y&R To instructions. 11/23 To O. S. Metallic Pack Co--States packing furnished unsatisfactory. 11/23 Packing Co. will have men examine nov 29 11-24
193287	7-7	CO	Reports on condition of main engine crank shafts, malalignment, etc. Y
✓ 193815	7-18	To Fwd Dept.	Recommend removal of crank shaft journals to shop to turn them to uniform diameter.Y RB 7/21 To Phila-- Work authorized. 7/21
217804	3-7	CO	Returns original trial board report and giv's results using middle engine. 10 know speed in connection getting more economical fuel consumption.D Fwd C&R--Noted. 3/14

COLUMBIA : MAIN ENGINES.

Number.	Date.	From or To	Subject.	
229719	5/21	Norf	Request prints of turning gear D	
✓ 235245	6/22	CO	Request parts for jacking engine balance and Phila - 6/25 Phila (R) request vandykes 7/2	Y
✓ 530249	11:17 11:18	CO At Train	Request manufacture piston springs for main engine.	

COLUMBIA: BOILERS:

1919

Number.	Date.	From or To—	Subject.
445195 ⁶	10-3	To CO (SEE CARD 3)	Alterations. Gives detail action. copy to CO and ATL FLT. Dt Atl Train-fwds corres--11:3 Fwd C&R via C&R 11/10 RB-12:1 Fwd Comdr Train ATL FLT via C&R. 12-2
485188	3:18	CO	Load of safety valves and boilers has been reduced to 125 pounds-submits report cover- ing leaks which have occurred.D&M To CO- Phila yard auth to undertake boiler repairs. copy to Phila. 4-6
489599	4-26	To SEA	Reqt shipment boiler tubes from Brook to Phila. serial 2377. Y RB-7:1-Y To SO Brook Reqt complete shipmt be made CC SO Phi Fwd SO Brook 5-23. 6-5-RB-6:17- EXFGB-shipment made June 30th.Y
503234	7:3	Phila	Submits estimates incident to report of Board of Survey and Estimates on main boilers.Y
503061	7-6	Pho To Phila (Car Williams)	Boiler Tubes: Reqt for Samples Y.
Phila-7:8-NY		Phone To Phila	Reqt inform as to when sample boiler
Phila-7:10-Y		tubes were shipped 7-9.	
Phila-report on tubes of boilers 1,2,3 and 4-8-6-Y		To CO COLUMBIA 8/10	
CC-fwds diagram of tube ends-10:6		CC-fwds main boiler tubes showing pit holes-10:22	

Number.	Date.	From or To	Subject.
✓ 504052	7-8	To EC-1	Boilers Gives analysis made by Bu from steam log adv if correct 7-8. re using boilers for trims ship CC-8; 14-7
✓ 504320	7:10	Dept	To Ed IAS Fwds samples tubes 7-14 RB-8; 5-C&Y Retubing of only 4 boilers will be undertaken at this time. Y Dept-comm of action to Phila-7-10-Y To Phila Inform re Boiler CC CL 7-14 Phila-recommends job orders covering work on boilers be cancelled-9:25-Y To Phila Gives form cc CC 9-28

COLUMBIA: BOILERS.

Number.	Date.	From or To—	Subject.
✓ 280176	1-28	CO	Fit dampers in boiler uptakes remove donkey
	1-28	Atl. Gra. Force.	boilers install feed water heaters to increase steaming radius. Y.
			16- Installation of two high pressure feed water heaters disappvd. 3-8
293473	3-23	CO	No 6 and 7 boilers - reports ~~work~~ on condition of. Y
294371	4/1	Dept	Boiler repairs will be available at NY - Y Phone NY- Yd inform that work of elec welding of the boilers can be done at any time. 4-3
✓ 295127	3-30	CO	Reports on condition of No 6 and No 7 boilers. Y Fwd NY- 4-8 New York 4/18 received back 5/2 Y To CO. States that safety valves on boilers may be set to blow at 150 lbs. per sq. in. 5/7 CO - relative to setting safety valves - 8/14
295544	3/31 4/4	CO All Fit	Install Lytton steam traps to replace Vance traps.

167 -- 10 COLUMBIA: BOILERS:

Number.	Date.	From or To-	Subject.
294852	4-4	Phone NY	Main boilers- Have examined two of the main boilers and that they can be repaired by elec welding within seven days. Y
297064	4-3 4-9	CO NY	Change distiller piping.
374424	12-3 12-3	CO Atl. Cruiser	Request manufacture 12 stay bolts and nuts Y
425746	8:16	CO	Submit list of tubes which have been blown out since Jan 1 Y
445198	8/13 8/9	CO Atl Flt	Reqt 2 boilers be converted to oil burners - D [Cross to 16] m J 7 16 11 C&R-9:29
Fwd Operations via C&R. 9-15 copy to CO and Comdr Train and ATL FLT. RB-9:30			

COLUMBIA: MAIN BOILERS.ETC.

1918

Number.	Date.	From or To—	Subject.
192443	7-3	Phila	Ordinary tubes received; stay tubes for 6 boilers; reqt balance be furnished by July 15. Y To Phila--Expedite tubes! 7/7 Pitts final shipment made July 5 7-10
192791	7/6	Pitts	Final shipment of boiler tubes went forward on the 3rd. Y
194553	8/22	Phila	Boiler tubes; delivery completed. Y
217431	2-23 3-9	At Sub Dept	Fwds corres in connection with condition boiler shells; poor condition should have been determined before money was expended for retubing; responsibility rests with Bu SE. Dept request report. C To Phila--Reqt report of work. 3/18 Phila submits report on work done 3/17 Fwd Dept--Detailed argument against charges of At Sub. 3/19 RB 4-24 Phila personally letter reporting on 3/20 To Phila--4/26 Fwd Dept--4/26
223051	4/16	CO	VOID
226539	2/12	CO	Method for improving forced draft system. Y To Phila--for auth. 5/9 Fwd GAR--5/9

COLUMBIA: MAIN BOILERS.

Number.	Date.	From or To—	Subject.
✓ 232238	6/6	Phila	Boiler shaft - reports on condition Y
263127	11/21	CO	Fit spark screens of smoke pipes - Y To Phila - Installation of dampers auth. 11-26
✓ 269011	12/21	Phila	Request plans of uptakes and smoke stacks - D
			191
275035	1/14 1-22	CO End Dep via C&R RS Jan 29 D	Don of Boilers - reports on condition of - D Removal of aux boilers. Recommends be removed if satis to C&R. D-1 To - 2-14
✓ 278335	1-30	CO	Main steam line requests authority to set safety valves at 165 lbs. when work is completed D To - Satis to recd valves to blow at 165. 2-4
292551	3/23	CO	No 6 & 7 - Boilers - reports on condition of - Y to Operations. Recommends that the COLUMBIA be made available for examination of main boilers and such repairs by elec welding as are found necessary. 3/27

COLUMBIA: MAIN BOILERS: ETC.

1913

Number.	Date.	From or To—	Subject.
✓ 107940	10/13	Phila. 397-150	Donkey boilers and smoke pipes; submit estimates for repairs. Fwd Dept. rec appr. 10/16. To --- removal appd. 10/22 Phila recommends against 10-24 Fwd Dept. rec disapp. 10/27 To --- disappd. 10/29
133337	8-31	To Norf.	Req shipment to Phila of one navy standard boiler water testing outfit. To S&A-- Shipment reqt. 8/31 co 9 14, reporting shipment.
159771	7-7	At Sub Flo. R	1913 Reqt safety valve setting. To via Phila-- Take up with Engineer Officer re hydraulic test of. 7/7
160709	7-13	CO	Reqt authority to turn in zincs and baskets. Fwd CO via Phila-- Appvs: call survey 7/16 RB 7/27
161685	7/23	CO	Reports on condition of main boilers. Y To Phila-- (T) Send samples of rivets to Bu. 7/28
161686	7/27	CO	Recommends retubing of boilers. Y
	7/27	Phila	CO-- reqt be expedited 7/29 Fwd Dept 7/30 RB appd 7/31 To Phila-- (T) Auth retubing. 7/31 CO R Estimates filed include material; reqt additional allotment for. 8/3 To CO-- yard states work can be completed within limit; no action at present. 8/4 Fwd Phila-- 8/4
162459	7/29	Phila	Defective tubes; fws samples. Y

COLUMBIA: MAIN BOILERS: ETC. 167 -- 10

Number.	Date.	From or To—	Subject.	
162800	8/6 8/6	CO Phila	Retaining of boilers; request additional allotment to cover material. Y	
163941	8-19	CO	Reports on drill test boiler No 8. Y	
172641	11-24	Phila	Main boilers; fwdg samples oforst stay and ordinary tube; believe safe until new tubes can be assembled. Y To--Noted 12/1	
✓ 178807	2-10	Phila	Evaporators; request instructions relative to issuing in steel tubes in store for MINN; ship refuses to take. Y To--Issue coil to. 2/15 Phila will become charge against Bu appro when issued 2-21	
181469	3-4	CO	Reports changes made in evaporating plant. YD To--Auth changes in. 4/19	
188408	5-10	Phila	Boiler tubes; ready for inspection between May 22 and 29th; Y To Pitts--Instructions. 5/20 Pitts efforts being made to expedite 5-24 Pitts car of tubes shipped 5-27 Pitts one car tubes shipped June 1; 6-1 Pitts reports on status of dely 6-20	
✓ 192028	6-27	Pitts	Boiler tubes; 325 accepted; bal 301 ready July 1. Y	
157	6/29	T. Pitts	Boiler tubes; satis to accept	629

COLUMBIA: AUX MACHINERY:

Number.	Date.	From or To	Subject.	
464866	12:22	CO T	Request authority to purchase in open market generator for barge of C. & M. Train. Y&L Fwd S&A. copy to CO. 12-23 RB-12:29	
468134	1/10	To COLUMBIA	Request parts of engine 1975 be turned in at N.Y. Yb	611-2
481044	3/11	C&R	Copy letter to N.Y. reassigning 30' steamer 3715 to issue previously assigned to COLUMBIA. Y	
483242	3/23	C&R	21' motor dory 2298 received by COLUMBIA Y	611-2
494262	5/18	To COLUMBIA	Asks if have on board motor dory 2298. Y	
534538	12/11	C&R	Copy of letter to CO COLUMBIA authorizing turn in 21' motor dory 2298. Y	611-11
551052	3/11	Norfolk	35' Motor Boat 6522 issued to CO COLUMBIA Y	611-12
553265	3/23	Norfolk	35' motor boat 6522 shipt to COLUMBIA Y	611-12

COLUMBIA: AUX MACHY

1921

Number.	Date.	From or To--	Subject.	
561752	5/3	C&R	Copy of letter to CO COLUMBIA disapproving change Y	611-2
570039	6/16	C&R	Copy of let to Phila asking if 35' motor boat 5023 was turned in at yard from CO COLUMBIA Y	611-12
572552	6/30	C&R	Copy of letter to Phila asking if COLUMBIA turned in 35' motor boat 5032 damaged by fire. Y	611-12
577829	7/28	Norfolk	Motor boat 5032 recd from CO COLUMBIA and placed to survey Y	611-12
576834	7/22	C&R	5032 turned in at Norf by CO COLUMBIA Y	611-12
600374	12/13	C&R	30' motor sailing launch 306 & 24' motor sailing launch 3198 will be turned in at N.Y. by CO COLUMBIA Y	611-2

COLUMBIA: AUXILIARY MACHINERY.

1919

3

Number.	Date.	From or To—	Subject.	
415338	4/29	CO COLUMBIA	Motor boat received from New York Y	611-2
415990	4/30	C&R	COLUMBIA, motor boat 5023 assigned to Y	611-2
429230	6/28	C&R	33' motor sailing launch 1963 formerly on board COLUMBIA condemned. Y.	611-2
431175	7/2	COLUMBIA	G.C. engine 2446 condemned by survey at Norf. Y.	611-2
431874	6/27	COLUMBIA	ONE MOTOR BOAT RECEIVED FROM SUPPLY.	611-2
431880	6/24	COLUMBIA	Motor boat surveyed and turned at Norf. Y	611-2
434787	7/23	C&R	Copy letter to COLUMBIA asking if 35' motor boat has been turned in at N. Y.	611-2
435949	7/29	C&R	Copy of letter to N.Y. in connection with 33' motor sailing launch and 33' steamers for COLUMBIA: Y.	611
438922	8/9	C&R	33' motor sailing launch 7805 assigned to COLUMBIA Y.	611-2
179125	3/6	COLUMBIA	Report of receipt of motor boat from N.Y.	611-2

COLUMBIA AUX MACHINERY

Number.	Date.	From or To--	Subject.	
442504	8/28	C&R	Copy letter to COLUMBIA stating 40' motor sailing launch 2147 turned in by NEVADA at Norfolk to be held for COLUMBIA Y. 611-2	
SE 31	9/12	To CO	Action on memo being withheld pending rec of info covering R	
449483	10/4	C&R	Copy letter to COLUMBIA in connection with replacing 33' motor sailing launch and 2 cutters; Y. 611-2	
448857	10/2	To Steam Engineering	Phone: Paymaster Merritt, USS COLUMBIA states parts needed for repairs to Admiral H. Mel. P. Cuse's barge on board in North River- Approval- reqst reph be submitted covering. R 611-2	
449942	10/8	C&R	33' motor sailing launch 1718 on board COLUMBIA turned into yard for scrap Y. 611-2	
452114	10/16	C&R	33' motor sailing launch 3369 will be issued to COLUMBIA Y. 611-2	
460392	11/29	To COLUMBIA	Reqst report in re to discrepancies between record and log reporting engines of power boats. Y. 611-2	
461557	11/4	C&R	Copy letter to Atlantic Fleet asking when 33' motor boat 15293 on board COLUMBIA is turned into store. Y. 611-2	

COLUMBIA: AUXILIARY MACHINERY.

Number.	Date.	From or To--	Subject.	
265455	12-3	CO	Install ash ejectors. Y	
266800	11/21 12/5 12/12	CO Phila C&R	Installation of ash ejectors - Y Wd Dept-12-15 R B 12/19 To- Proposed install disc wvd by Dept. 12-20 Wd C&R-1220	
269253	12-22	NY	Reports boiler 1969 installed in COLUMBIA'S cutter 1981. Y	611-1
281923	2-14	NY COLUMBIA	Engine 2888 installed in launch 3372 - COLUMBIA - Y	611-2
285287	2-27	NY	GG engines 2888 shipped to Columbia for motor boat 3362. Y.	611-2.
284998	2-29	Columbia.	Power boats. Discrepancy between Bu records and log submitted. Y.	611-2.
306349	CC 5-15	COLUMBIA	Asks number of engine in launch 3372	611-2
318753	6/20	C&R	Norf authorized to issue motor sailing launches to the Fulton and Columbia. Y	
384137	1/4	C & R	Auth NY to issue 351 motor boat to COLUMBIA. Y.	611-2

Number.	Date.	From or To—	Subject.	
386918	1/18	C&R	35' motor boat 7763 del to COLUMBIA Y	611-2
388969	1/15	CO COLUMBIA	Submits report of loss of boat Y	611-2
393274	2/5	CO COLUMBIA	C&R 2/8 submits report on #s of motor sailing launch 3372 Y	611-2
392943	2/6	C & R	Copy letter to Narr. directing deliver 33' motor sailing launch to COLUMBIA Y	611-2
395964	2/18	C&R	COLUMBIA 33' motor sailing launch 5160 shipped to	611-2
402247	1/19	C&R USS COLUMBIA	3/15 Steamer 1981 turned in at NY Y	611-1
403702	3/18	C&R	30' steamer 1981 turn turned in by CO COLUMBIA at New York. W.	611-1
412105	4/18	C&R	Copy of letter to Narr. in connection with 30 foot motor sailing launch to Columbia.	611-2
413506	4/24	C&R	33' motor sailing launch 1974 delivered to COLUMBIA Y.	611-2
413814	4/25	C&R	DDirects NEW YORK loan COLUMBIA 35' motor boat in connection with Trans-Atlantic Flight Y.	611-2
414772	4-16	CO.	One motor boat received from New York.	611-2

1913

1

Number.	Date.	From or To--	Subject.	
100441	6/27	C&R	Reports assignment of steamer 533 to	611--1
101216	7/10	C&R	32' steam launch to be converted into motor sailing launch 1452 for.	611-2
		1914		
114576	1/9	Phila	Reports receipt of engine 2297 for motor sailing launch 1452.	611--2
118574	2/24	NY	Will expedite shipment; sets for COLUMBIA and MILWAUKEE; shipped Jan. 31st and Feb. 17th.	142-6
122552	4/15	Phila	Reports receipt of 2311 for launch 1452	611-2
		1915		
159123	6/28	C&R	Assigns motor sailing launch 1963 in lieu of 1452 COLUMBIA; latter assigned VULCAN	611-2
163549	8/14	NY	Engine 2406 installed in launch 1963	611-2
165951	9-14	Phila	Engine 610, steamer 533, eng 412, steamer 657 delivered	611-1
165952	9-14	Phila	Eng 2446 launch 1963 delvd	611-2
166440	10/14	FULTON	Reports transfer of motor boat 1305 and 1718 to COLUMBIA	611-2

1916

COLUMBIA: AUXILIARY MACHINERY. 167 -- 11

Number.	Date.	From or To--	Subject.	
178317	2/7	To CO	Discrepancies in report on power boat machinery	611-2
182774	3/23	CO	CG engines; reco recommends alteration in design air intake pipes	611-4
183492	4/1	Phila	KK engine 2289, launch 2151, ordered repaired	611-2
186746	5/4	CO	Motor boat 1305, engine 3225 ² ; reqt order to placed for new cylinders	611-2
190093	6/1	COLUMBIA Lt. Church, Personal	Reports on poor condition of Sterling engine 3259; request be replaced	611-2
193358	7-12	TO	Sterling engine 3226; asks number of boat in which installed	611-2
203174	10/21	To COLUMBIA	Bu record shows Sterling engine on Motor Boat #1305 as 3236 instead of 3226 as reported.	611-2
204714	11/4	CO	Reqd data on motor boat C-217	611-2
208662	12/14	C&R	Reports exchange of motor boats between and COLUMBIA; 2746 and 1305	611-2
Surv 17	1/12	FRD CO	Reqd further investigation to place responsibility.	
254629	10/12	C&R	New Power boat alliances for	
256745	10-25	C&R	Sailing launch 3272 and steamer 1981 selected for	611-2

COLUMBIA: CONDENSERS:

Number.	Date.	From or To—	Subject.
264798	12-3	Phone NY & CO	Reqt for condenser tubes tinned. Yd stated that tinning of tubes could be satis done. Y
553462	3:17 3:19	CO Atl Flt	Fwis samples of condenser tubes and ferrules showing poor condition of. Y To CO Gives comments cc C-I-C Atlantic- Phila 3/28 CO 4,4-1

[illegible]

COLUMBIA: HEAT: REFRIG: VENT.

1913

Number.	Date.	From or To—	Subject.
98818	6-4	Phila	See machine piping; est for lagging. M Fwd Dept. rec appr. 6/6. RB 6/10 To---appd. 6/10.
			1-15
161236	7-12	CO	Refrig plant: reqt plans of return air cooling. D Fwd Dept-- Rec disappyl. 7/23 RB 7/23 To Phila--Disappys. 7/26
161952	7/27	CO	Recommendations for improving ventilation by use of elec fans. To--- Changes in. 7/30 RB 8/28
173196	12-1	CO	Reqd 2 additional radiators in flag office. Y To Phila--Auth to manuf. 12/7
Norf 996	1/29	To Norf	Reqd for recooling coil withhold pending receipt of info. as to why this coil should not be manuf'd at Navy Yard. R
276791	2-5	Phila NY	Reco. line. Renewal of flanges and up of flanges. RB 2/10 Auth Work. Y

1919

COLUMBIA: HEATING REFRIG WENT.

Number.	Date.	From or To—	Subject.
SE 26	8/26	To CO Phone	Engr Officer of Columbia req cooler now available at Fleet Base for Y
523795	10-18	Phone to O-I-C FSB	Ice Machine--Rook shaft for- CC CO Y Fleet Sup Base-- Confirms telephone conver sation in conn with approval of requisitio covering shaft for ice machin. 10/18 Y FSB-1C:22-Y
532252	11:29	CO	Request mfg record shaft for ice machine.Y

167 - 14 COLUMBIA: PROPELLERS

Number.	Date.	From or To—	Subject.	
249817	9-21	Over Fwd	Fwd Dept. 9-21	
995	1/8 Done	Inspr Erie Inspr Pitts	Req ship instrns cov shafting for Col. & Minn. S.	629
995	1/28 1/30	Inspr. Erie.	Re most shipplg: in strns covering propeller shaft for COLUMBIA & MINNEAPOLIS S&Y	629
995	1/28	Inspr Erie	Request shipping instrns covering pro- peller shafts for COLUMBIA & MINNEAPOLIS S&Y	629
995	4-10	To Phila	Reqs info in conn w receipt or non receipt of two shafts for COLUMBIA and MINNEAPOLIS S&Y	995
512334	5,16	Phila	Propeller report.Y	
569544	6,7	Phila	Propeller blades on hand for - reqt dis- position at.Y Fwd S&A 6/10	

COLUMBIA: PROPELLERS.

1913

Number.	Date.	From or To--	Subject.
✓ 107290	10-3 10-7	Phila Dept 4526-331	Propellers require repairs: Dept states vessel to be placed in reserve. Y Fwd Dept. Rec no repairs be authorized on spare propellers. 10/9 Ret Phila. 10/13. 21
✓ 107405	10-8	Phila 397-469	Estimate for repairing shafts, bearings, and struts. Y
✓ 170264	11-4	Phila T	Port propeller blade broken: atbd bent. Recommend installing sp. res. Y To--(R) Authorized: 11/4 Fwd Dept-- Have auth work: 11/5 RE 11/6 To--Auth blades instead of propeller 5.11/6
191487	6-22	Phila	Shafting out of line. Y To--(R) Authorized: 6/23
195428	7/25	CO	Fwds corras on defects developed in machinery after commissioning, with particular reference to defects in shaftings, bearings, etc 167-8
200027	9-21 9-22	Phila R Dept	Shafting; request authority to perform overtime work. Dept Copy Tele to Phila disappvng overtime work. 9/22 Fwd Dept-- Rec disappvl. 9/22 Fwd Dept-- Rec work overtime not exceeding four hours. 9/22
249817	9/15	CO	Reports lack of alignment between crank and thrust shafts of two wing engines. Y

COLUMBIA: PIPING.

Number.	Date.	From or To--	Subject.
294713	4/3	Dept	Directs repairs to main steam line - Y
327575	7/16	CO	Renew copper suction line - Y To NY, request inform re copper piping 7-22 NY 8-5 To All EIT, re urgent repairs to copper piping 8-21
331657	7-17	CO	Alterations to suction and feed tank and suction to secondary drain. Y To CO, Authorizing alterations 7-31
345737	9/1 19:10	CO NY	Alterations to steam traps and suction lines - Y Fwd to NY 9-9 To NY (2) Item 2 authorized Item 1 disapproved 9-9 Fwd NY 9-16 - S R B 10:15

107-11113

Number.	Date.	From or To--	Subject.
✓ 237208	7/10	Phone Phila	Steam lines. Re state of material for rebuild. Y
✓ 238322	7/13	Phone Phila	Steam lines. Piping for. Suggests send plans of to ship for checking. Y
239498	7/18	Phila	Asks when steel tubing for main steel piping will be received Y
	To Phila--8/1		To--(T) Aug 20th. 7123 Phila 7/27 (T)
✓ 239461	7/19	Phone Phila	Steam lines. Re material for. Y
✓ 240002	7/23	Pitts T	National Tube Co state best delivery of steam piping Aug. 20th. Y
			To Pitts (T) Would appreciate delivery Aug 20th. 7/23
✓ 239789	7/21	Phone Pitts	Steam lines. Material on W ash contr 1094. Reqt best delivery of. Y Pitts - 7/23 Y

COLUMBIA: PIPING. 167 -- 15

Number.	Date.	From or To—	Subject.
241444	7/30	Phone Phila	Re difficulty in placing order for steam pipes. Y Phila 9/7 Y To Penna Forge Co—Directs expedite flanges for piping to W.H. Mitchell Co. 8/9 Penna Forge Co - 8/10 To Penna Forge Co—Acknowledges. 8/15 To Phila—8/15
278791	2-5	Phone NY	Steam line. Renewal of gaskets and building up of flanges. Bu stated Dept auth work. Y Dept - 2/6 Y To Dept 2/6 R B 2/8
268815	12-6	P J N.	Reqs return of papers. Y R B 1/10 To CO (T)-Ny Yd reports piping will be ready for install Jan 25th. Will ship's force undertake this work. If so how long to accomplish. 1-14 CO (H) Ship's force cannot undertake 1-19 To Brook-(T)-Wire estimated time to install steam piping by yard force. 1-19 To CO (T)-NY reports piping will be in all respects ready for install Jan 25th. Will ship's force undertake work. If so how long to accomplish. 1-14 (T) To CO- Expedite reply 140014. piping ready NY Jan. 25th. 1-19 1-19 recommends sending piping to Phila no facilities. Y o NY- 1-23 + NY (R) 3 weeks required for installing pipes 1-23 wd Dept (Operations)- 1-24
278791	2/4	NY Copy	Recommends additional work flange joints, etc - Y 1-23 1-23 1-23

167-13

1913

Number.	Date.	From or To—	Subject.
103086	2-4	Phila	Renew joints in firemain and aux. steam line.Y Fwd Dept. recd appr. 8/9 RB 8-18 To---appd. 8/13.
1915			
159953	7-7	CO	Reqt alterations to fresh water piping.Y To Phila--(R) Authorized. 7/9
170416	11-5	CO	Reqt alterations steam piping to galley.Y To--Bring before Bd 125. 11/8 Replica 11-10 To--work authorized. 11/16
1916			
9230	3/7	Phila	All traps required on reqn already issued; part needed for COLUMBIA 705
181874	3-17	CO	Reports on condition of main steam line.Y To--Comments on; inadvisable to remove section for testings. 5/3
193809	9-7	CO	Condition of main steam line; reports result of test; would rupture under water hammer.Y Fwd Phila-- For comment. 9/11 RB 9/23 CO reports defects developed when tested out under steam 11-6 To CO--Action appvd. 11/8 Fwd to Dept. Recommends boiler pressure be reduced to 125# 9/25 RB 9/28 To Phila--Boiler pressure will be re- duced. Steaming trials be omitted. 9/29 To--Comments on water hammer. 9/29 CO reports on condition of main steam line. To--Comments on. 10/7 CO also sketch showing V pockets in piping different from plans at Bd. Engr Officer and CO accept responsibility 11/15 exercising precautionary measures 10-10

COLUMBIA: PIPING. 167-15

Number.	Date.	From or To—	Subject.	
203212	11-20	Phila	Shop request cancelled; will submit reqn for cast steam piping for	619
			9 17	
218316 V-1D	3-14	Chasn	States reqns are being submitted against their allotment	
218316	3-9	Phila	Piping for main steam line; unable to get bids on reqn 529; request instructions re securing-3. Fwd Phila via S&A—3/17 Phila have reissued bids opening Apr 6 3-29	
✓ 226134	5/3	Phone Phila	Yard stated could not flange the main steam piping but could have it done at Phila. Y	
✓ 227008	5/7	Phila T	Request certain seamless steel tubing be ordered. Y	
230605	5/2	CO.	Main steam line - fws sketch - states boiler pressure might be operated at 150 lb pressure Y To Phila - Reqt report of examination of boilers. 5/1 Fwd Dept—6/1 Phila - states re ly made in letter headed "Condition of boiler shells" 5/20 Y Re bending of piping for main steam line.	
	5/2	Phone Phila		

4—3381

1915

COLUMBIA: COAL: COAL HANDLING: ETC.

Number.	Date.	From or To—	Subject.	
171377	11/15	CO	Regt correct bunker plan.D Fwd C&R--Under its cop. 11/17	
187030	5/6	CO	Special report on Pratt City Screened Lump Coal; unsatisfactory	623
212477	1-24	C&R	Coal bunkers; B-126 and 127 being utilized for store rooms; request comment on.D Fwd C&R--1/29	

4-2381

COLUMBIA: MACHINE TOOLS.

1914

Number.	Date.	From or To—	Subject.
✓ 134526	9-14	Phila	Machine shop tools; estimates for repairs. Y To— Appvd. 9/17
171203	11-12	CO	Reqt milling mach for machine shop. Y Fwd Dept— Recd disappv. 11/16 11/18 To Via Ati Sub Flo— Disappvs. 11/18
176169	1-12	CO	Request elec in lieu of belt driven emery grinder. Y Fwd Phila— For est and rec. 1/14 RB 1/25 To Phila— Work authorized. 1/25
177927	2-1	CO	Reqt authority to issue motor for driving machine tools. Y To Phila— Appvs. 2/4
177928	2-1	Phila	Estimate for overhauling lathe engine and installing governor on. Y To— Comments on. 2/5 Phila reqd 315 cancelled: present lathe being repaired 2-11
✓ 190565	6-8	Phila	Estimate for installing elec motor to drive machinery in machine shop. Y To— Authorized. 6/12
Phone	4/14	Phila	Lists alterations reqtd. Y Phila— Milling machine cannot be furnished. 4/14

COLUMBIA: MACHINE TOOLS. 167 -- 18

Number.	Date.	From or To—	Subject.
224268	4/13 4/21	CO Phila	Estimate for furnishing and installing Universal milling machine. Y Fwd Dept—5/4 RB 5-8 Fwd Dept—5/11 RB 5-16 To Phila—Disappvs. 5/16
228268	4/13	CO	Recommends additional tools Y
243894	8/13	CO	Request for large blow torch, brazing R To—Gives amendment to make to allow. 8/17
33584	4/13	Inaptr Milwaukee	Universal milling machine - reports 2 machines incorrectly shipt to Columbia & Alabama - are shipping 2 April 13 properly marked for Alabama Columbia & Missouri. R
1919			1919
7 384496	1:8 3:12	CO CO	Req. furnish one Universal Milling machine complete Y To— Inform if motor drive machine can be used. 1-24 To— Inform when may expect reply to Bu letter of 1-24-19. 2-28-19

629

COLUMBIA: PUMPS.

Number.	Date.	From or To—	Subject.	
180240	2-25	CO	Request larger evaporator feed pump. Y To ask size of pump. 3/7 CO gives data 3-13 CO fws information re changes in pumps 4-26 Fwd CO) Discrepancy in. 5/4 RB 5/8	
189855	5/27	4th Div, A t Sub	Request hand pump for testing purposes be added to allowance	167-21
361648	10/22	CO.	Alterations to Auxiliary Feed Pumps have been made by ship force Fwd CO. 10-25 To CO Oct. 25 back Nov. 16	

1915

COLUMBIA: VALVES.

Number.	Date.	From or To--	Subject.
✓ 168419	10-8	CO	Reqt repairs to injection valves. Kingaton valves in fire room. Y Fwd Dept via C&E--appvl recommended 10/15 RB 10/25 1915
175472	12-3 1-4	CO Phila	Install traps in galley and steering steam line. Y To Phila-- Work authorized. 1/8
✓ 175978	12-30 1-11	CO Phila	Submits estimate for renewing studs, safety valves, lagging boiler, etc. To Phila--Disappvs: instructions re renewing. 1/13 To CO--Auth renewal. 1/13 CO Gives reasons 1-18
✓ 189981	6-5	Phila	Stop and cross connection vales; request plan. D To-- fws plans. 6/8
190773	6-13	CO	Renew studs of boiler valves. Y Fwd Phila--Authorized. 6/16 RB 6/27
✓ 195391	8/1	Phila	Safety valves; impossible to make tight by grinding; fws sketch. Y To-- Work appvd. 8/4
✓ 195804	8/7	Phila	Proposed modification main boiler safety valve; fws tracing. D To--Disappvs. 8/16 Phila returns tracings; appeals against Bureau decision 8-24 To Phila. not approved 8-29 CO appeals against disapproval 9-7 Fwd Dept-- 9/14 RB 9/18 To CO--Disappvs. 9/16 CO impossible to repair valves 9-19 To CO--Authorizes changes 9/25

COLUMBIA: VALVES. 167-20

Number.	Date.	From or To—	Subject.	
✓ 204944	11-7	Phila	Safety valves: all attempts to make steam tight by grinding have failed; fws print showing modification made in. DY	
205031	11/9	To CO	Request number and size of Mason regulating valves installed on and reduced pressures at which are working	724-2
295481	4/5	CO	Replace all steam stop gate valves with a modern globe valve - Y&D	
✓ 295544	4-10	Fwd NY	Alterations. For recommendations. 4-10 Y R B 4/22 - Y	
346601	9-10	To NY (T)	Repair and alterations to safety valves authorized Y	

-1919-

4-3391

COLUMBIA: ALLOWANCES

1017

Number.	Date.	From or To--	Subject.
212127	1-17	CO	Request special allotment to cover installing metallic backing. Fwd S&A--1/23
✓ 212108	1-16	CO	Request radio work be exempted from quarterly money allotment. Fwd S&A--1/25
✓ 227406	7/10	To C.	ask whether allow lists fwded have been distributed
277641	1/28	CO	Request allowance list be amended. PA to add 2nd and 3rd class allowance from 1st to 2nd. 20- Fwd approved and shipping instructions issued. 4
✓ 292380	3/13	CO	Request steam traps be transferred from Title A to Title B. to Mr. Replacement of four Vance Steam traps mentioned authorized/ 3-27
✓ 306078	5-17	To CO	S.E. Elec lists revision. Needs revise to suit present conditions. This copy. LR To CO. Post instruction re S.E. Allow 9-6. CO. 9-10
335134	8-9 10:10	To CO CO	Fwd approved S.E. Elec Allow List LR allowance list not received 9-27 CO - Master copy, Fwd. Allow 10-3
Post Master -	asks register No. 11/13		CO - Post instruction re Allow List 1-27 to 3-14

167- 21 COLUMBIA: ALLOWANCES

Number.	Date.	From or To—	Subject.
7 372176	11:23	CO	Req additional money allotment R Fwd S&A. 11-30
335134		From other side	Allowance list received Aug. 30 RA
400297	2:26	CO	Req. additional money allotment for be allowed Y Fwd S&A. 3-8 To: Has recommended to S&A auth additional sum of \$10,500 to be applied to title "C" allot.3-8 CO - 3/16
409694	4-10	To CO	Fwdg 1 blank allowance book for revision of S E allowance - Y
423924	6:3	CO	Fwds allowance book Y

98 COLUMBIA: ALLOWANCES.

1913

Number.	Date.	From or To—	Subject.	
98312	5-28	Dept 4526-324	Directs allowance be made up for regular cruising vessel; will not relieve HAN-OCK as receiving ship. R To Phila. changes. 6/4. RB 6-16	
99695	6-17	Phila	Reqt. new. R To---Fwds blanks for rec. 6/20.	
108572	10-21	Phila 397-474	Fwds. R To---ret. appd. lists with blanks. 10/29. To---amends. R-23 RB 10/9 To Co---Changes in. 8/31/15 RB 9/16 To Co--- 9/1 RB 9/16	
109900	1-5	Phila 397-474	Equipt allowance; fwds. R To---appd. 12/5	
124278	5/6	Phila	Desk lights; COLUMBIA allowance calls for silver plated; present prints and specns call for bronze; reqt instructions	675-9
133303	8-28	Phila	Reqt. R	
1915				
160432	6-29 7-3	CO S&A	Quarterly allotments; reqt. R Fwd Dept via Ord. Nav. S&A--Rec allotment.	7/15
160578	7-12	CO	Reqt additional heavier anvil. R To---Add to. 7/20 To Changes in. 7/22 RB 8/2	
162254	7/31	CO	Reqt mandrels for main engine be added to allowance list. R	
162419	8/3	CO R	Reqt mandrels for main engines be added to allowance list. R To---(R) Disallys. 8/4 To---Disa lvs with comment. 8/4	

COLUMBIA: ALLOWANCES. 167 -- 21

Number.	Date.	From or To—	Subject.	
162816	8/5	CO	Req that a gas analysis apparatus be added to allowance list. R To -- a pvd 8-13 RB 8/21	
164663	8-26	CO	Req hand testing pump be added. R	
~~163520~~				
166352	9-20	S&A	Money allotment - variance in amounts allotted	603
172695	11-30	CO	Req spare parts motor barge be added. R To -- instruns 12-15	
176087	1-11	CO	Request addition of spares for motor boats. Y To -- 1/19	
178481	2-9	To CO.	Additions of lights and fans. R-L	
180591	2-29	CO	Req addition of pyrometers. R To -- add to. 3/11 CO asks who will supply 4-26	
184583	4-10	CO	Fwds allowance list. R To -- Returns apvd with modif. 4/22	
19855	5-27	4th Dib. At Sub	Request hand pump for testing purposes be added to. R Retd -- Req rec re supplying all SUBS with hand pump. 6/7 RB 6/19 To -- Add to allowance. 6/20	
191054	6/12 6/16	CO S&A	Req special allotment to cover condenser tubes or that same be exempted from quarterly allotment. R Fwd S&A -- Appvs: 6/20	

COLUMBIA: RECORD OF WORK:

1921 -

Number.	Date.	From or To—	Subject.
561612	5;3	Phila	11;13;20 to 1;4;21. Y
562348	5;1	CO	Quarter ending March 31.Y
573904	5;1	CO	Quarter ending June 30.Y
574241	7/1	CO PROMETHEUS	Quarter ending 6/30 Y

[illegible]

VOLUME IA: RECORD OF WORK

Number.	Date.	From or To—	Subject.
369019		CO	Quarter ending Sept. 30
414315	4-15	CO	12-27-17 to 3-23-18 Y
427433	6-1	NY	11-27-17 to 12-27-17. Y
434093	7:1	Norfolk	To 6-24.Y
436262	7-31	N Y	10-10-18 to 10-21-18. Y
438735	8:1	GP	Quarter ending June 30.Y
44676 ¹	7:1	USS VESTA ^L	Month ending June 30th.Y
450317	10-1	USS PROMETHEUS	Quarter ending 6/30. Y
451631	10:1	USS PROMETHEUS	Record of work.Y

167-25: COLUMBIA: RECORD OF WORK: 4

Number.	Date.	From or To—	Subject.
✓ 468160	1:9	Phila	12:18 to 1-7.Y
469263	1:1	USS PROMETHEUS	Quarter ending December 31st.Y
469694	1:1	CO BUFFALO ?	Quarter ending December 31st.Y
✓ 463608	3:10	Horf	Record of work to 6-24-19.Y
✓ 488384	4-1	PR METHEN'S	Quarter ending March 31; Y
✓ 496858	5/1	CO	Quarter ending 3/31 - Y
✓ 502904	7:1	CO PROMETHEUS	Quarter ending June 30, 1920.Y
✓ 503686	6-30	PROMETHEUS	Quarter ending 6-30-20; Y
522348	10/1	CO PROMETHEUS	Quarter ending 9/30/20 Y
539906	1/3	CO PROMETHEUS	Quarter ending 12/31 Y
558116	4:1	PROMETHEUS	Quarter ending 3;31.Y

COLUMBIA: RECORD OF WORK.

Number.	Date.	From or To--	Subject.
182541	3-22	Phila	Apr 10, 1907 to Dec 9, 1915
183416	3-31	Phila	Apr 19, 1907, to Dec 9, 15
185705	4-23	Phila	Dec 29, 15, to Feb 7, 16.
230492	5/25	Phila	May 31/ 16 to Nov 15/16 Y
251558	—	GO	Quarter ending June 30th - Y
252293	10/1	Phila	Sept 7th to Oct 1st Y
260051	11/10	Norf	March 31/16 to Nov 10/17 Y
268331	12/16	Norf	3/31/16 to 11/10/17 - Y

COLUMBIA: RECORD OF WORK.

Number.	Date.	From or To	Subject.
271933	1/2	NY	11/27 to 12/27 - Y
289820	3/12	Phila	4/12 to /22/17 - Y
297082	4-9	Phila	Period ending May 5th.
304728	No date	NY	Feb 23rd to April 18th. To Phila- Fw's records of work. Upon definite information from Dept will transferr the job orders. 5-9 R B 5/16
336510	8/15	NY	7/20 to 8/20 - Y

318

COLUMBIA TRIALS ETC.

Number.	Date.	From or To--	Subject.	
177604	1-28	CO	Request data on speed, draft, etc. M Fwd C&R--33 data furnished. 2/1 RB 2/10 To-- Fwds data on. 2/1	
209600	12/28	To CO	Fwds reports of steaming data obtained on various trials of. M	
428705	6/26	At Train	Copy- flag lifted from SUPPLY to COLUMBIA and will sail for LHA	493

4 3381

COLUMBIA: ELECTRIC PLANT.

1913

Number.	Date.	From or To--	Subject.
✓ 96603	4/26	Phila. 397-454	Fwds report of expenditures and additional amount required for electrical work. L Fwd Dept. recommendations 5/12 RB 5-15 To---instructions. 5/15.
96604	5/6	Phila. 397-16	Estimate for new electrical work and statement of expenditures. L Fwd Dept. appl recommended 5/12 RB 5-15 To---instructions. 5/15.
97974	5-20	Phila 392-454	Will require \$397.60 additional over amount authorized by Bureau May 15th. Y Fwd Dept. rec. appr. 5/27. RB 5-15 To---appd. 6/3.
✓ 98078	5-22	Phila	Searchlight; asks number and whether fire control system is to be installed. L. To---will not be installed. 6/10.
98821	6-3	Phila 397-102	Estimate for modernizing elec. work in fore and after handling room. L Fwd Dept. rec. appr. 6/7. RB 5-11 To---appd. 6/11.
133302	8-28	Phila 397-310	List of uncompleted work on radio set, night signal sets, 1-3 sys and search lights. L To---instructions. 9/5
✓ 135671	9-24	Phila	1914 Submits estimate for installing searchlights, blinker lights, absentee lights, steering telegraphs. L Fwd Dept. Rec decision. 10/2 RB 10-5 Fwd-- 10/15 RB 10-5

COLUMBIA: ELEC PLANT: 167-3

Number.	Date.	From or To—	Subject.
165096	8-26	CO	Reqt I-C system be rewired, and operated by D-C converter in lieu of batteries. 4 ceiling lights in passageway between ward room and cabin. Fwd Phila-- For comment and rec. 9/9 RB 9/17 Ref. Dept. -- records ref. to I&S 9-20 RB 12/6 Phila reqt action 10/29 Fwd Dept-- 11/1 RB 11/3 Fwd Phila-- 11/3 RB 11/11 To Phila-- 11/13 Phila reqt Bu approval of items 1 and 2 11-15 To Phila-- Authorizes 1 and 2. 11/16 To Phila-- Suspend work pending further instructions. 12/6
192349	6-30	CO	Request all old moulding throughout ship be removed and lead covered wire installed. L Fwd Phila-- For estimate. 7/7 RB 7/26 Fwd Dept-- 7/28 RB 8/1 To Phila-- Appvs estimates 8/2
185602	2-22 2-28	CO Atlantic	1918 Request 224 high power distant control searchlights in lieu of present 50's. L to via Cruiser Home-- director firing circuit appvd. Searchlight 4/4/28 firing circuit
412094	4-21	To CO	Continuation of elec plant. Repts detail report for consideration of Id I&S. L

COLUMBIA: INTERIOR COMMUNICATION SYSTEM.

Number.	Date.	From or To—	Subject.
343864	8/15	CO	Request plans covering installation director firing and follow the pointer system - 1 To BuA, sent copies of ltrgs re above, 9-6
375612	12-7	C&R	Voice tubes placed in first class condition at Morse Dry Dock Co. L
492239	4-17 5-7	CO Ofd	Request install fire control telephones. L Fwd dpt. 5-15. RS-5-22-1 To CO disappvd cc Atl Fleet 5-25.

COLUMBIA: INTERIOR COMMUNICATION SYSTEMS.

1913

Number.	Date.	From or To—	Subject.
194424	6/7 7/20 7/24	CO Phila C&R	Install voice tubes and call bells stbd engine room to all fire rooms, evaporating room and steering engine room. 7/28 Fwd C&R-- Recommendations 7/28 To Phila-- SE work authorized 7/28
200981	9-27 10-3	Phila C&R	Voice tube alterations. 10/6 Fwd C&R-- Reqt plans. 10/6 To Phila-- Reqt list of voice tubes installed; isometric plan. 10/6 Phila plans alterations 10-20 C&R fwd print showing additional voice tubes 11-7
210174	1/2	To CO	Directs advise Bu when Camp type telephones ordered from Western Elec Co are received on board. L CC asks when telephones may be expected 2/7 To 2/20
204327	2/10	To COLUMBIA	Appvs reqt for 2 lvo material with callis. 547
240105	7/22	CO	Reports on standardization of fire control system - fwds sketch L

COLUMBIA: INT COM SYS. 167 - 4

Number.	Date.	From or To-	Subject.
251373	9/24	Phila	Replace general alarm gongs and install Cory type indicators - L To- Regta submit estimates. 10-4 Phila - submits estimate 12/8 L To- Appvs est. 10/18
253186	10/4	Phila	Salvo system wiring diagram - fwsd, print L
265347	12-6	To C&R-	Lookout communications. Acts that be completed while overhauling at NY. if practicable. L C&R 12/11 - L
296343	4/3	CO	Repair salvo system.
301375	4-29	To Phila & MINNEAPOLIS	Broadside director follow-the-pointer- system. Decides that system be altered to provide wiring only for training instruments at the 3" Lms. L
305366	5 11	To CO	Salvo system - Repts detail description of system proposed for installation. L 20 - Repts copies of correspondence therein - 5, 11 - L

1913

1 ✓

Number.	Date.	From or To—	Subject.	
98078	5/22	Phila	Asks number and whether fire control system is to be installed.	167--3
98205	5/27	To Phila.	Fire control system; request plans.L	
98914	5-5	Phila	Re fire control system.L	
100830	7/2	Phila. 397-6	Request authority to remove mechanical telescope gear.L Fwd Dept. rec. appr. 7/14. RE -- 6 app. To --- appd. 7/16.	
✓108020	10/11	Phila. 397-334	Asks if helm angle indicators and steering and engine telegraph systems are to be installed. To --- directs prepare recn for material; submit wiring plans. Elec. Steering tel. and elec. eng. tel. will not be installed.	10/18
✓132998	8-24	Phila	Ammunition hoists; additional est.L Fwd Phila -- Appvd. 8/29. 94	
134778	9-10	Phila 397-334	Cancel job order to modify helm angle indicators; new one being purchased.L	
135671	9/24	Phila	Submits est for installing steering telegraphs	167--3

1914

COLUMBIA: INT COM SYS. 167-4

1915

Number.	Date.	From or To--	Subject.
149487	3-10	Phila	Telephone system: fwsd plans. L To-- Withholds action of. 3/16
170484	11/5 11/6	CO C&R	Fire control voice tubes. L Fwd C&R--Recommendations. 11/11
172287	11-8 11-20	CO Phila	Alterations to voice tubes. L Fwd C&R--Rec be placed by larger tubes. 11/27 RB 12/3 Fwd C&R-- Noted. 12/6
176116	1-11	Phila	1916 Fire control voice tubes: fwsd armt plan. L Fwd C&R-- Approvs with comment. 1/15 RB 2/4 Fwd C&R-- 2/8 RB 3/25 Fwd C&R-- Comments on. 3/29
183134	3-28	Phila	Steering telegraph instruments: reqt instructions re disposition. L To-- Hold pending further instructions. 4/1
190178	6-7	CO	Experience at sea demonstrates I-C work recommended by Board I&S is necessary. L Fwd Dept-- 6/12 RB 6/15 Fwd Phila-- 6/16 RB 6/23
191016	6-7 6-15	CO Phila	Request additional call bells. L To Phila-- Work authorized. 6/27

Number.	Date,	From or To—	Subject.
✓ 599769	12/8	CO COLUMBIA	Fwds proposal of Aero Alarm Co. cov modifications and repairs and instln of their apparatus. L To CO Gives action 12/17 To Aero Alarm Co. 1/4 L contract awarded 1/31 Aero Alarm Co: 1/23 L To Y. Dept of ascertain. Aero Alarm Co. 1/23 L NY 3/23 L
✓ 614457	3/18	<u>Aero Alarm Co</u>	Copy of letter to NY yard submitting claim covering cabinet from Aero Alarm Co. later on board COLUMBIA which was smashed. L
✓ 616816	3/18 3/22 4/3	<u>Aero Alarm Co.</u> Mia.	Missing cabinet. L To Aero Alarm Co- Gives comments 4/7 Aero Alarm Co. Ask condition of cabinet. 4/14 L Fwds Phil 4/17 BB 5/9 To Aero Alarm Co- Gives Inform 5/10

COLUMBIA: LIGHT AND POWER:

Number.	Date.	From or To--	Subject.
465029	12:23	CO T	Request two armored searchlights be furnished to replace those at present installed/L To- Not desirable to comply with reqt at this time. 12-24
✓ 491458	3-5	To S.O. Ny via I.M.	Storage Batteries- Loan to temporarily for use in conduction test in connection with gyro equipment. copy to CO. L NY-5:17-L
508177	7-29	To CO	Returns annual report, for correction LRB-8:5-L

COLUMBIA: LIGHT & TOWER.

Number.	Date.	From or To—	Subject.	
✓ 232979	5/8	CO	Request portable tube blinkers To—Apprs. 5/15	
228382	6-14	To Phila T	Asks if practicable install 200 kw gen rewound for COLUMBIA	289-5
233896	6-16	To Phila MINNEAPOLIS	Generator sets. capacity of. Generators being rewound for COLUMBIA will be used in install. Directs rewind two other genera- tors at yard to replace for COLUMBIA	289-5
✓ 244497	8/15	Phila	Relative to installing 2 Ex-MEMPHIS 100 KW generating sets L To—Apprs. 8/30	
251558	—	CO <u>VOID</u>	Quarter ending June 30th - Y	
263078	11-24	Phone Phila	Generator sets for. re rewinding. L	
264347	12-4	To Phila	Generator sets. Work in connection with auth is now disaprovd. L D Phila - reports on status 1/15 - L To— 1-23	
288815			Dept (copy) 1-30	

COLUMBIA: LIGHT & POWER. 167 - 5

Number	Date	From or To—	Subject
273916	1/14	NY	Generating set - request Phila be instructed to forward to NY for installation - L To- Your understanding correct. 1-18
285632	2-22	CO	Request 224 high power distant control searchlights in lieu of present 30's. L. 167-3.
	3-28	To CO	Request on material for searchlights. L CO - 7/22
377861	12:12	CO	Repairs to air meter L
391769	1/29	CO	Edison storage batteries have not been recd requ shipt be made W&L 167-6
293352	5-14	New York	Fwds print of main switch.
445279	9-15	To CO	Searchlight equipment- Repts check sizes of searchlights and report made to Bureau. L CO states searchlight should be 18 inch instead of 30 inch. 9:24
464547	12-20	Phone CO Phila Yd	Reqt for permission to exchange searchlights. R

Number.	Date.	From or To—	Subjct.	
08078	5/22	Phila	Searchlights, asks number	167--3
111824	2-1	Phila 397-252-6	New truck lights; estimate.L To---apd.12/8.	
118295	2-21	Phila	Reqt authority to install 2, 30" lights in store.L To---an desires leads installed but not searchlights themselves.2/25.	
124278	5/6	Phila	Desk lights: COLUMBIA; allowance list calls for silver plated; present prints and speeds calls for bronze; reqt instructions	675-9
135671	9/24	Phila	Submits estimate for installing searchlights, blinker lights, absentee lights, etc.	167-3
162143	7/30	CO	1915 Reqt admiral lights be installed on vessel.L To Phila-- Auth to install. 7/31	
171610	11/18	Phila	Elec work in connection with laundry.L To-- Work authorized. 11/22	
178218	2-1	CO	1916 Lights requested on ships reqn 582 are for new staterooms.L To---vs installation of elec equipment. 2/5	

COLUMBIA: LIGHT & POWER: 167-5

Number.	Date.	From or To—	Subject.
✓ 178442	1-31 2-7	Phila S&A	Reqt drawings of field coils for generators. Fwd S&A--Recommendations. 2/11
✓ 190797	6-13	CO	Request 4 in lieu of 2 sets brushes for generators. 4 Fwd Phila--For est and rec. 6/15
✓ 207185	12/4 To Phila--Appvs work. 4/2 Phila estimate in connection with installation 1st 33 gen set To Phila--Rec April 30 1916. 4/2 Rb 4-30 To Phila--Appvs ests. 5/3	To CO	generators Condition of elec plant. Reqt copy of CO letter of August 1st, 1916. 1 CO fwsd copy of letter requested 12/4 4/18 to ask if capacity of elec plant is sufficient 18" satis operation. 12/16 CO reports 12/30 Fwd Phila--Directs submit est and rec. 1/24 R33-10 To Phila request reply to endorsement of Jan 24th 2 21 Phila have received no reply from GE Co 2/26 Fwd Dept--3/24 R8 3-28
✓ 215871	2-21	CO	1917 Night signals sets turned in. 1
✓ 218558	3/16	CO	Request authority to install 2 100 kw gen- erators ex MILLIS instead of installing additional generator ex BROOKLYN. 1&L
221036	3-27	CO	Request 18" signalling searchlight. 1 Fwd Worf--4/5 R3 4-16 To S&A--Est ship of 18" searchlight from Worf to. 4/7

COLUMBIA ELECT LIGHT AND POWER (EX GREAT NORTHERN)

Number.	Date.	From or To—	Subject.
✓ 600229	1-/12	N.Y.	Request addtl allotment be made cov inaton of schlights. L to NY unable to increase allotment cc Atl Fleet 12/16
/ 602719	12/29	To NY	24-inch, high power signal searchlights. authorizes issue of L 1922
602590	12/29	N.Y.	Four 24" schlights have been issued to— request allotment be increased. L To NY (1) Acctd allotment made 1-/22
605116	1/16	N.Y.	subm list of laundry machry loaned to COLUMBIA. L
605541	1/17	N.Y.	Copy of letter to Dept. asking inform as to what acct laundry machine was carried at time of issue. L

167-5: COLUMBIA: ELEC LIGHT AND POWER: 1922

Number.	Date.	From or To	Subject.
611293	2:25	To CO T	Desire removal 4-24 inch high power signal searchlights and two 100 kw turbo generator sets and switchboard. L To NY-1-2:25-L N.Y.- Subm list of radio electrical material turned in. 3/6 L N.Y. 3/28 Request disposition of search lights L To NY- re: removal of searchlights 3/28

COLUMBIA; RADIO

1919

Number.	Date.	From or To--	Subject.	
431963	7-15	To NY (T);	Retention of 5 kw generator not appvd. 2 kw 80 volt motor generator being shipped from Norf. Lfg. and install two kw motor generator transfer switch. W	
435680	7-25	CO	Request permission to turn into store one field radio set. W	
425415	9-19	see card 5	Radio apparatus for installation on the COLUMBIA. To S&A- Reqt take action to show delivery of. W - See copy of letter to Washn Id central shipmt-9;xx S&A-9:29 Atlantic Train 7-15 To CO via AIL ELI- Reqt return of radio Buzzer set to Wash Yard. 10-9	
505251	7-15	To S&A	Reqt shipmt from Washn to CO radio set CO-12; 13-W To CO 12-22	W RL 1-5/21
525701	10-33	NORF	Fwd copy of invoice covering radio set turned in Fwd Norf 11-23 W 1/18/21 Fwd 1 Norf 2/19 RB-3;25-W Fwd IM Norf 6/7	

167-6: COLUMBIA: RADIO:

Number.	Date.	From or To—	Subject.
~~552~~ 564001	5/18	To CO	Reqst Bureau be furnished complete list of major items of Apparatus installed on ship cc Phil W CO-submits report on radio apparatus-5; 717
613937	7/14	To S&A 717	Reqst shipment of voltmeter from Washn to 39 Pug and W

Number.	Date.	From or To—	Subject.
351043	9-17	CC	Request new spark gap - W to NY 9:30, back 10:30 to NY, re require to radio apparatus 10-5
385021	1:14	At Flat	Reg. Int. Fleet set now installed on Granite State be transferred to Columbia W To— Now available for transfer from the GEORGE WASHINGTON to. COLUMBIA. 1-29
✓ 391759	1/29	CO	Edison storage batteries have not been recd - request shipment be made - W
✓ 403477	3:12	CO in Chief	Directs transfer 1 wave meter from USS PAIRPAK TO USS COLUMBIA.
✓ 403478	3:12	Commander in Chief	Directs transf. of 1 short wave receiver from USS SUPPLY to USS COLUMBIA. W
✓ 412035	4-19	To I.M. NY	Radio apparatus for Auth to install one short wave receiver, copy to CC-Radio S.O. Fit Cur case from CC DIAL-SC. NY W NY finds list of matl used 5:9 W

COLUMBIA: RADIO

Number.	Date.	From or To	Subject.
425415	6:12	Train	Radio installation reports on W
✓ To S&A- Reqt shipt transmitting sets from Phila. to NY. 6-30			To I.M. NY- Lists radio apparatus auth for installation. 6-26
To I.M. NY- Lists additional apparatus auth to be supplied to COLUMBIA. copy to CC and Flt Sup Base. SO. Brook 6-30			copy to CC and Comdr Train. 6-30
427680	6-16 6-20	CO U S Train	Boxes charging panels etc. from Wash to NY. 6-30 Rqst auth to turn in field radio set at Norf. Atlantic Flt Train 7-15 W Waded Atlantic Fleet 7/10 - RB 7-15 In CC- Repts to turn into store field radio set disappvd. 7-21
✓ 430798	7/10	To CO COLUMBIA via Atlantic Fleet	Advise rel to installn of radio compass. W To IM NY via C&R- reqt auth changes coming under cognizance rel installn radio comp CC to CC C&R 7/11 NY-7:31
432963	7-11	NY (T)	2 KW spark transmitters has only 1 motor generator- Rqst auth to retain 5 KW generator. W
431832	7-11	To CO (T)	Radio receiving equipment for stock and radio receiving equipment for radio compass expressed from Wash yard to NY S.O. July 10th. W
431846	7-15	To S&A	✓ Reqt shipt radio motor generators from Norf to NY. W RB-9; L- RB-10:3

COLUMBIA: RADIO.

Number.	Date.	From or To--	Subject.	
231971	5/21 6/4	Phila S&A	Asks if 20 KW set formerly assigned to Columbia will be assigned to CHICAGO W Fwd S&A--6/8	
240561	7-23	Atl Fleet	Sds report from on dependability of radio compass.	919
256428	10/24	CO R (T) 2nd Norf	Request Norf be directed to issue certain radio apparatus. To--and VERNON-- Ship Navy type C-4 number W 130 radio receiver to COLUMBIA. 10-25 To Norf and CO COLUMBIA-- Auth issue type C.F. 78 audion COLUMBIA. 10-25 To Norf-- Information recd as to serial number of the type CF 78 audion issued to in accordance with despatch of Oct. 1917 Norf--11/2. CO - receiver not yet recd - 11/18 W To-- Make arrangements for fwding same to. 11-24	10-30
271097	1-4	To S&A	Rest shipmt of apparatus from Wash and NY to COLUMBIA.	905
270542	1-2	To CO	Radio equipment. What disposition was made of receiver #591 type 12 and 16A 1417. R B 1/26	
296380	4/2 4/8	CO NY	Change location of radio room later generators--	
318194	6-21	To S&A	Reqst shipmt radio amplifier from Wash to CO W	

COLLE BOA: RADIO

Number.	Date.	From or To—	Subject.
215344	2-10 2-17	CO Aero Sta	Request repairs to receivers. W
215948	3/9	To CO	Asks disposition of audibility meter ordered shipt to on June 7th, 1916. W CO 3/12
222984	5/15	Fwd G&R--Re work arrgd for. 6/8 To Phila--Re ests covering install of set on CHICAGO. 4/26 To S&A--Re est shipt of trans set from Phila to NY, ex-CHICAGO. 4/27 Phila (T) estimate for 5/5	R B 6/19 Rept 5 k. spark set, motor generators and wave changer. W Fwd Dept--CHICAGO is to be replaced by set from S&A. 4/10 RS 4-26 To S&A--Shipt reqt. 4/26 Reqt Kolster Decimeter, which was reqt shipt to COLUMBIA be expedited to CHICAGO. 158-6
223609	4-20	To S&A	
223984	ABOVE		To Phila. (T) Install new radio set CHICAGO auth. 5/5 Fwd Dept--6/1 R B 6/5
230228	5/23	CO	Request audium bulb and permission to turn in certain radio apparatus Y To S&A--Reqt shipt of receiving set and bulbs from Wash to COLUMBIA. 5/28 To COLUMBIA--Asks apparatus transferred to CHICAGO. 5/28 CO - report: apparatus transferred to Chicago 5/30 W To Phila--Instrns. 6/9

COLUMBIA: RADIO

7019

Number.	Date.	From or To—	Subject.	
192460	7-3	Phila	Impossible to complete room radio house and install set within time limit Aug 15; will require until Sept 25. W Fwd C&R—Recommendations 7/6 To—Complete such work as 'practicable' 7/6	
✓ 195385	8/1	CO	Believe insufficient power for operating 20 kw arc set. W Fwd Phila for recommendation 8/15 RB 10/7 Fwd Dept—With recommendations. 10/13 RB 10-16 Fwd Phila—11/18 RB 11/30 Fwd C&R—10/31 RB 11/4	
196563	8/14	Phila	Kolster meter; estimate for installing on COLUMBIA	919
✓ 201443	10/7	C&R	Copy	Instructions Phila to install Kolster meter, W
201624	10-7	Phila	Recommends against re-installing 5 kw spark sets. W To—Concurs in 10/11 To—Bu instrons of 10/11 cancelled. States what is desired. 10/13 Phila (R) relocate 5 kw set present overhaul 10/16	
✓ 201844	10/12	To S&A	Reqt. ship of one 20 K.W. radio set to Phila for COLUMBIA. W	
203182	10/21	C&R	Kolster direction finder: C&R work. W Fwd C&R—10/24	
203560	10/27	NY	Request information as to serial number of Marconi wave meter shipped to vessel	8934

COLUMBIA: RADIO. 167-6

Number.	Fwd Date	Reqt shipt be expedited. 1/5	Subject.
207995	12-7	CO To S&A--Reqt shipt of antenna switch and other switches from NY to. 1/5 RB 1-13	COLUMBIA--Have reqt shipt be expedited. 1/8 Submits list of radio articles desired in vessel still to act as flag ship of submarine force. To S&A--Reqt shipt of one Kolster Decrometer from Wash to COLUMBIA. 12/13 To--Atl Sub--Gives action. 12/13 To S&A--Shipt reqt radio rec set to. 12/13 furnished 1/4 Arc radio sets; quotes from letter from Phila stating apparatus not received at yard. W To--Rec material for direction finder house be shipt to vessel at New London. 12/14 C&R copy action Phila 12-19
208072	12/9	CO CO gives reasons why certain items were requested 12/15 To--Atl Sub--Gives action. 12/23 CO gives reasons for request various items 12/23 CO (R) asks when decrometer was C&R	
208742	12/15	To S&A	Reqt shipt of Kolster meter from Phila to. W
209814	12/27	To Phila T	Ask if Kolstermeter complete shipt New London for. If not, report date of delivery. W Phila (T) replies 12-28
207995		B. VE	CO (R) asks when decrometer was shipped; gives itinary 1/11 CO request reply be expedited 1/16 (T) To CO--Bu letter of 1/8 referred to Kolster meter instead of Kolster decrometer. 1/16 To CO--Ditto. 1/16
212151	1-14	CO	Reports receipt of radio material with exception of a navy type receiver; also part of articles not requested nor required. W
	1-16	Phila	To S&A--Reqt shipt of radio apparatus from COLUMBIA to Wash for disposition. 2/1 To S&A--Reqt shipt of Kolstermeter dispatched Cap from to NY for disposition. 2/1 To Phila--Instruc. 2/1 To--Atl Sub--Gives disposition of items. 2/1
		Atl Sub Flo request certain items be retained 2/6	
		To Atl Sub--Gives action. 2/13	
		Phila reports shipment of Navy type receiver to vessel by express 2/10	

[illegible]

COLUMBIA

RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 611267	2/25	Atl. Fleet (T)	Request auth to transfer to MARYLAND confidential naval apparatus now on board SC-1031A. To C-in-C Atl. T-MARYLAND has flagship instaln- instrs re disposition of apparatus-2/27 W
✓ 611105	2/25	To Dept	Recommends special and confidential radio equipment on board be removed and turned into store at nearest Navy Yard-comments relative to-2/25 W To C-in-C Atl. approves removal all radio equipment-2/25 W (telegram) Atl. Fleet-2/25-3/1/22 of letter to CG directing pur. in radio apparatus list 1 to N.Y. W Atl. Fleet-2/25 W Atl. Fleet-CO directed to fwd inform as to disposition of material. 3/8 W.
611850	2/26	Atl. Fleet	Copy of letter to CG directing transfer radio apparatus listed to transfer special Atl. Fleet- CG instructed to transfer special ways mater to CG MARYLAND. 2/26 W Atl. Fleet- Copy of letter to CG directing do not transfer radio eqmpt listed. 2/26 W
612876	3/8	N.Y.	Subm list of radio apparatus recd from vessel and turned into store. To To NY- Regt's inform 5/20 cc Tug Snd 5/20 To S&A Regt sh. sent of mat from NY to S 1st Snd 5/20 To S&A Regt shipment of mat from NY to Pug Snd 5/26 To NY (T) NY 6/21 Gives instrs cc England 5/25 New York 6/8 Lists material neccy W S&A & Copy action to New York W Pug 7/12 W RB 7/24/22 W
		Hamp Rds 7/19 W	
		over	

COLUMBIA

RADIO

1922

Number.	Date.	From or To—	Subject.
613937	3/15	Phila.	Subm report on radio apprs removed from prior to sale. 7. To Phila. Ref. removal of mat cc Pgs Snd 5/20 To S&A Regst's report of mat from Phila to S&A Snd 5/25 5/30 Phila. Subm list of material read from stock. 5/5 W S&A 6/7 Copy action Phila W Phila 6/20 Sun Slip Bldg Corn. Have no in orm concerning mission a. aratus W To S&A Regst's report of mat 8/10 To S&A Regst's report of mat from Washn to S&A Snd 8/12 To Washn. S&A Shipment of mat 8/26 W M and R reorg equipment stock of. Recommen To S&A Regst's shipment of mat from Washn to S&A Snd 8/9 Wds 8-1-0 Atlantic Fleet 8/12 RB 9/30 W
612876	from other side		

1✓

Number.	Date.	From or To—	Subject.
600825	12/14	CO	Request auth to turn in excess radio material. To CC Attd cc NY 12/28
601124	12/19	N.Y.	Request special allotment for radio instr be increased cov charges listed. W K To NY - Gives instrs tel. work 1/31 New York 1/12 Request instructions covg involvin antenna trunks W
601756	12/23	Atl. Fleet (T)	No vessel of Fleet available to assist in calibration of radio compass on board COLUMBIA: W To C-1-C Atl Fleet Request inform re plan 12/34
602367	12/29	Atl. Fleet (T)	Arrangements will be made to calibrate compass on board with destroyer from Annap. W
602510	12/30	Atl. Fleet (T)	Request shift of 200 carbons for arc radio transmitters. To SAA Request shift of arc carbon from SO Main 100 9449 1/3/22 MB 10/12 W To NY via SAA - Gives Action taken 1/6/22 SAA 2/27 W.

Number.	Date.	From or To--	Subject.
✓ 6061	1/11	Atl. Fleet	most ur stand take measurements on 23.5 m. letters. 7. To Atlantic Fleet (1) Wave length correct an equi. lity signal three hundred static forty 7. 1/16
✓ 605594	1/19	N.Y.	Subm list of radio apprs removed from and turned into store. W.
✓ 608196	2/3	N.Y.	Subm report on inspection and instln of radio appr. 7.
✓ 609146	1/11	Atl. Fleet	Subm list of work performed on radio instln. 7.
✓ 611202	2/24	Phila.	Recommendations cov proposed locations of radio compass instln on- fnds. 7.

COLUMBIA

MACHRY BLANT

1922

Number.	Date.	From or To.	Subject.
613177	3/3	Dept	Copy of telephone conversation with CO rel to turning vessel over to Shipping Board. Y
616255	4/1	To Com at MI -- T	7301 is five KW and set removed from former GREAT NORTHERN in store MI. W and is in store at St. Francis, Wiscon. 4/5.
618095	4/11	Dept	Vessel delivered to Shipping Board Y
621701	5/4	Phila. c Copy	Vessel delivered to purchaser. Y

COLUMBIA

NAVY FLEET CENTRAL

1922

Number.	Date.	From or To—	Subject.
✓ 611742	2/27	N.Y.	Sends copy of receipt of Pacif. Steam Ship Co. adv plans furn. D.
✓ 611763	2/28	Dept	Copy of telegram to 4th Dist directing communication with CO rel to tugs and lighters needed in placing vessel out of commission. Y
✓ 611722	2/12	Dept	Vessel will be placed out of commission. Y
✓ 612151	3/2	Dept	Copy of letter to Ship Board listing radio material which will be removed from, before vessel is transferred. Y
612313	3/3	Phila.	Confirms telephone conversation rel to removal of material from. Y CO 3/4—confirms teleph. conversation rel to turning vessel over to Ship. Bd. 3/4 CO—confirms telephone conversation rel to status of vessel. 3/3 Y

COL MBIA

NAVY FLEET GENERAL

1922

Number.	Date.	From or To—	Subject.
612344	3/4	4th Dist.	Copy Vessel placed out of commission. Y
612463	3/3	Dept	Copy of telegram to CG directing place vessel out of commission at once. Y
612674	3/7	Phila.	Copy of telephone conversation with Dept rel to placing vessel out of commission and transferring to shipping board. Y
612861	3/7	Phila.	Confirms telephone conversation with Dept rel to stripping of material from vessel. Y
612972	3/9	Dept	Directs spare parts and equip in store at New York belonging to vessel be transferred to president of the CG, which purchased vessel from Shipping Board. Y Fwd C&B 3/21 To NY- Ask if material is stored at yard 3/22 S.A. 4/4 To S&A Reqs shipment orders be cancelled 4/13 N.Y. 5/5/22. Y

Number.	Date.	From or To—	Subject.
✓ 599722	12/8	N.Y.	Repairs and alterations incident to service of vessel as flag ship for Atlantic fleet— subm list of. Y
/ 602492	12/30	To Judge Advocate of Court Inquiry	Fwds correspondence listed from files for 1. adm. rel. work : authd or for to med upon ship Id RB 1/24 Y
/ 602492	12/30	Dept	Request papers for mfg to fitting as flag ship for use of Court of Inquiry Y
605752	1/19	Dept VOID VOID	Request inform as to number and character of test to be conducted error
✓ 605768	1/19	New York	Fwds manufg request cpy drawings for. D. To CC- Plans photo. etc cc to Perry 2/16

COLUMBIA

MAORY PLANT GENERAL

1922

Number.	Date.	From or To—	Subject.
✓ 609909	2/15	N.Y.	ubm report on cost of work on. A,
✓ 610765	2/15 2/20	N.Y. C.R.	Subm. Inform rel to cost of AY Fwd Ord via Nav. 2:28-Yd
✓ 611023	2/23	Dept	Copy of telegram to Atl. fleet directing vessel proceed to Gun Ship Elder. Loran to be turned over to Shipping Board. Y
611559	2/27	Dept	Copy of telegram to GO cov instrns rel to material to be removed from. Y
611523	2/27	H. T. Alexander	Copy sent to take steps to prevent removal of radio, launches and schlights from. YL

1922

Number.	Date.	From or To—	Subject.
USS COLUMBIA Eng 514-1922	4/29	To Mer Maintenance & Repair NY	Six Rotors for turbine blowers Ra
USS COLUMBIA Eng 514/22	5/10	Fwds S&A	Rotors for Turbine Blowers - Approval of cancellation and Cancellation Charges Ra S

Number.	Date.	From or To—	Subject.
✓ 601026	12/12	MI	Fwd correspondence rel to transfer of steering engine for GREAT NORTHERN from War Dept to Navy. Y Fwd C&R cc C&R 12/22
606004	1/23	1922 Atl. Fleet	Copy Vessel requires new exhaust manifold for engine installed in barge as Chief of Staff. Y To Dept of Navy to give 35' motor boat 1/25 To Guantanamo- Ask if material recd 3/27 2/1- 4/7 Y
618535	4/14	C&R	35' motor boat #761 assigned to COLUMBIA 611-12 is in store at Yard Y
620953	4/27	C&R	Copy of letter to MI in asking if 35' motor boat #3561 was turned in from COL. M. IN Y

Number.	Date.	From or To—	Subject.
601551	12/21	N.Y. 627-1	Re cost price of condenser tubes be reduced to present market price. To NY- Gives inform 12/31 12/29 Y

COLUMBIA ALLIANCE FOR THE PEOPLE, INC.

1942

Number.	Date.	From or To	Subject.
612118	3/3	GO Copy	Gives value of title B equipage. Y
613584	3/15	Phone to NY	Transfer of spare parts and equipment transfer authd Y

Number.	Date.	From or To—	Subject.
605777	11/18 1/21	CO Atl. Fleet & R	Request auth to approve all requisitions prior to furnishing vessel with allowance list. YR and permits via SEA Red & Surge Draft 1/26
609329	2/12	Atl. Fleet (T)	Request allotment cov material required to complete authorized work. Y 2/13 To CC Antis and allotment cc SEA 2/16
609814	2/7	CO	Report on progress in preparation of allowance list. Y To CO-Instrns-2;24-1y
611628	2/27	CO COLUMBIA	Dwds allowance list Y

COLUMBIA: RECORD OF WORK:

Number	Date	From or To--	Subject
602985	12;31	CO PROTECTOR	Quarter ending Dec 31st Y
606410	1/1	CO	Quarter ending 12/31. Y
606147	1;1	CO BLACKHAWK	Quarter ending Dec 31st. Y
612162	3/3	N.Y.	10/7/21 to 1/7/22. Y
611933	3/2	To NY Brook (T)	From Bureau cost of exp. report on COLUMBIA
615097	3/23	NY	2/27/22 to 2/28/22 Y
615255	3/15	CO	Quarter ending 3/4 y

167-25

Number.	Date.	From or To--	Subject.
618778	4/12	M.I.	8/3/21 to 9/2/21 Y
619782	4/1	DIXIE	Quarter ending Y

4-2191

COLUMBIA: SURVEYS:

Number.	Date.	From or To--		Subject.
494595	5:19	NY	66	Various material. Y
500024	6-17	To CO		Survey involved: reqst c py be fwd at once Y.
504384	7-14	Fwd CO		Power loat engine parts Reqst as to numbers of engines parts Y. To CO ^{cc 7/16 Y} Reqst ret of survey at early date 7-22.
500017	6:14	CO	190	Bars, hoes, buckets, etc. Y Fwd Atl Fleet 7-21. RB 8/24 Y
509791	7/22	Phila	11	Bulbs, Rheostat Y
509789	7/26	Phila	12	Pump, Rods, Y
512703	8/17	Phila	18	Hoes, Irons, drill Y
525876	10:21	CO	30	Rocker shaft. Y
531095	11/17	CO Phila	37	Brasses, Carburetors- Y
533465	11/26	COLUMBIA	43	bulbs iron Y

Number.	Date.	From or To—	Subject.
87162	1/10	Solicitor 28420-1	No. 55: fwsd copy of contract with Fore River Co. dated Dec. 11th. N To FR. Fwsd copy 1/10. To Gen Insp. Fwsd copy 1/15.
✓ 87970	1-18	Solicitor 28420-4	Copy of telegram to FR stating machy specns will be forwarded when received from Printer. N
✓ 88022	1-18	FR 173	Machy specns. Have received informal complaint as to non receipt and intention of claim delay on part of Govn and extension of time; Inspector claims not obligatory of Government to furnish. N
88378	1/23	To FR	Machy specns and electric specns; fwsd. D
89792	2-7	FR 373	Machy specns; fwsd list of changes recommended by contractors. D-N To C&R. Recommended if vessel can stand 2/17 C&R increased weight permiss. 2-18 To --- Changes agreed to except as specified. 2/28. C&R increased weight. 3/3. C&R recom. app. 3-13
94333	4/8	To FR	Fwsd five sets page proofs of specns for machy and electric plant. D
96202	5/1	To FR	Machy specifications: 27 copies fwd. N To --- request receipts. 5/24.

CUSHING: SPEONS. 543-1

CUSHING

Number.	Date.	From or To--	Subject.
✓ 96274	5-2	TO Yards C.L. Nav Acad. Bd I&S, C&R	Fwds machy speons. D
100462	6-27	Bd. I&S	Speons: returns.D To---6/30.
✓ 102669	7-29	FR 2348	Galley proofs speons: reqt. permission to destroy.D To---aprd. 8/8
143416	12-31	FR	Reports on loss of one copy of machy speons. D Replest reply 4-28 has been found 4-28
509914	8:5	CO CUSHING	Returns speon book.D

CUSHING: TRIALS.

Number.	Date.	From or To—	Subject,
✓ 249699	9-14	FR	Monthly report: particular reference to propellers. N
✓ 250244	9/17	FR	Monthly report. N
258985	11/3	FR	Bill for authorized changes - fwds K
✓ 26349	11/24	Salic	Expected on the 24 th - N
✓ n 266019	11/24 12/13	Dept G&R	Asks final settlement - N Fwd G&R-12-14

CUSHING: TRIALS.

1918

Number.	Date.	From or To -	Subject.
193049	7-8	FR	Monthly report.N
195575	8/3	FR To C&R--Lays items charge to contrs. 1/2/26 To C&R--Will make ad interim payment 1/2/26 To Sol--Fwds copy endorse of 10/3. 1/15/26 1-19 Fwd C&R--Approve vouchers. 10/25	Monthly report.N
195577	8-14	FR Fwd Sol--(Jt) 10/17 FR contrs comments 9-28 Fwd Dept--Gives action on. 10/3 To C&R--Gives reservations in ad interim payment. 10/11	Contractors ask list of charges made against since delivery/ N To Boat--Recd information 8/26 OVER Boat fws statement 9-13 To Contrs--Data was done at Boat chargeable to Contrs 8/5/18
198458	9/5	Bd I&S	Request report on status of work, in connection with trial.N To--Reports on. 9/7
198762	9/7	FR	Monthly report.N
201053	9/26	Bd I&S FR final trial report: fws contrs to FR--Fwds for recommendation. 10/5 and CO comments on changes recommended 11/19 To Work--Gives action on. 11/25	Report of final trial.N To FR--Fwds for recommendation. 10/5 To FR--Recd comment and recommendation. 10/26 To Norf--Gives action on. 10/25
201449	10/4	FR	Monthly report.N
201521	9/19 10/4	Bd I&S Dept	Final trial: fws report.N Fwd C&R--10/10
202341	10/13	FR	Machinery weights: contractors claim release from certain increases.N FR request action 1/3
202457	10/14	C&R	Final trial: fws b/p copies.N

CUSHING: TRIALS. 543-2

Number.	Date.	From or To—	Subject.
204513	11-3	FR	Monthly report.N
207613	12-4	FR	Monthly report.N
210577	1-4	FR	Monthly report
214046	2-6	FR	Monthly report.N
217704	3-9	FR	Monthly report.N
221670	4-5	FR	Monthly report.N
226577	To C&R- Final settlement Reservations in S.E. 11-15 To Solicitor joint. 11-21		Had Dept.---(J) Ad interim payment. Recommendation 4/11 RE 4-16 Had C&R---/17
22659	5-4	FR	Monthly report.N
232923	6/8	FR	Monthly report N To---Monthly report may be discontinued. 6/12 To FR---9/8

CUSHING: TRIALS.

Number.	Date.	From or To--	Subject.
✓ 175870	1-7 1-10	Bd I&S Dept	Directs arret be made to examine marine turbines after official trials. at Key West Yd. Fwd Bd I&S-- 1/12 RB 3/9 To Key West-- Auth examain main turbines. 1/12
175928	1-8	FR	Bills for auth changes. K
176650	1-14	FR	Finished weight sheets. D
FR 178278	2-4	FR	To-- test itemized statement showing weight of electric plant. 3/22 Monthly report
179823	2-23	FR Co T	Final trial; request report on in advance of Department's action. N
179848	2-31	Bd I&S To Bost-5/10	Fwd Deppt--5/12 RB 5/16 FR 5-22 FR reqt action 5/10 FR Contrs and Insp'r comments trunks 5-2
OVER FR contractors	2-31	disclaim respon 4-27	Final trial; uncompleted: fws report. N 2/25
	To SO- 4/18	Fwd Deppt--5/2 RB	To FR-- fws copy report for comment. 5/11
	To Bost- 4/18	Asst Work 4-17/20/18	FR reqt additional copy 2-28 To Bost-5/11
	To FR- 4/18	Fwd DE t-4/20/18	To FR--Add copy not available. 3/3
	Bost (f) reqt action 4-19		FR contrs have been requested to submit comments several times 4-7 Bost 5-13 To FR 5/26
180964	3-4	FR SEE OTHER SIDE	Monthly report. N
181120	3-8	C&R	Final trial; fws b/p copies. N
181196	3-8	FR	Contractors request that reservations for fitting auxiliary condensers, and joint main turbines be released. N To-- Master of making payment will be taken after receipt of contr's comments on final trial report. 3/11 FR reports shipment of pinions; cut from reserve list 3-27

543 -- 2 CUSHING: TRIALS:

Number.	Date.	From or To	Subject.
182916	3-27	To Dept.	Recommend change in home yard from Bost to Worf be deferred until repairs reported in final trial have been accomplished. N
183053	3-20	Dept	Final trial; fwsd report with recommendations relative to inability to make 4 hour full speed trial. N Retd--Recommendations. 3/30
183030	3-27	FR	Delivery of; recommends item of spare springs, and spare armatures for four sets be removed from list of uncompleted work. N
183973	4/5	FR	Monthly report. N ✓ fwsd CO--Dept report on condition of pinions of reduction gear. 4/10 RB 4/27 fwsd CO--Reqd add information on 4/28 RB 6/12 To--New pinions not required. 6/13 FR reqd reservations for pinions be released 6-20
184902	4-14	FR	Final trial; fwsd contractors and inspectors comments. N
187240	5-8	FR	Monthly report. N
179848	5-16	SEE OTHER SIDE.	To Bost--Re defects in exhaust trunks of main turbines. To FR--Gives Dept's action on claim responsibility for work. 5/16 Bost (?) estimate for labor 5-19 fwsd Dept-- 5/22 RB 5/24
	5-16	FR	Contractors bills for auth changes. K
190199	6-6	FR	Monthly report. N
192371	6-21	CO	Reports on steaming trials. N

CUSHING: TRIALS.

Number.	Date.	From or To--	Subject.
164069	8-21	FR	Fwds list of uncompleted work, amounts recommended for reservation; list of stores, spares, etc. delivered with vessel. N To C&R gives reservations recomd. 8-24 To Dept (COINT) Prelim settlement; rec for. 9/17
164168	8-23	Solicitor	Delivered Aug 21. N
164212	8-24	Boat	Prelim trial reports; submits estimate on certain items; reqt telegraphic action. N To (R) 8/25
164245	8-24	FR	Fwds bills covering auth changes. K
164424	8-24	Dept	Copy of letter directing trials after commissioning. N
✓ 164528	8-28	FR	Fwds corres re extension of time; fwds contra request. N Fwd Dept via C&R--Rec. 9/1 RR 9/13 To--Grantee extension of time. 9/14
164948	9-1	FR	Monthly report. N
164806	8-31	F.R.	Reduction gear- spare pinions - are to be furnished as a change and should not be included in reservation
166426	9/21	Solicitor	Preliminarily accepted Aug. 21. N
166456	9/20	Dept	Directs prel. acceptance and payment. X Fwd D&R-- Vouchers appvd. 9/24

543-9

CUSHING: TRIALS,

543 -- 2

Number.	Date.	From or To—	Subject.	
✓167056	9/28	Amer Soc	Trial Trip, by Lt. O. L. Cox; reqt permission to publish Pwds Nav Intel-- No objection to. 10/2	
167437	10-4	FR	Monthly report	
170536	11/5	FR	Monthly report.N	
171827	11/19	FR	Reservations for uncompleted work at time of delivery.N xPwds Dept Via C&R--Recommendations.11/23	
173089	12-3	FR	Monthly report.N	
173738	12/7	Solicitor	Machinery specifications for trial board; reqt.N TO -- fws 12-14	
173801	12/11	Dept	Final trial; fws copy of orders to Board.N	
174382	12/20	Bd I&S	Final trial; reqt be furnished with list of uncompleted work, etc.N To--Pwds. 12/22	
175193	12/30	FR	Reqd that decision on unsatis condition of thrust be held up pending final trial	543-9
175684	1-6	FR	Monthly report.N	

1915

CUSHING: TRIALS.

Number.	Date.	From or To—	Subject.
159976	7-7	FR	Trial board report: takes exception to Board's recommendation to couple turbine drains to air pump. N To--item 29s may be cancelled. 7/9
160080	7-8	C&R	Prelim trial: fwds b/p copy. N
✓ 160177	7-10	FR T	Reqt turbine repairs be postponed until after trials and test. N. Later amplifying. 7-10 To--(T) Approvs postponement. 7/12
160384	7-6	Bd I&S	RReport of post trial examination. N Fwd C&R-- 7/15
160453	7-12	FR	Prelim trial report: understands contractors will not undertake work for which they are not held responsible by Board. N To--Will be done by Yd after delivery. 7/15
160850	7-17	FR	Contractors reqt date be set for resumption trial. N Fwd Bd I&S-- 7/20 RB B/7
160953	?	Bd I&S	Fwd copy of inspectors report on post trial examination. N
161132	7-19	FR	Builders trial: reports on. N
161707	7/26	FR	Forced draft blowers; recommends be considered satis: in connection with trials prior to prelim acceptance. N

ODSHING: TRIALS. 543 — 2

Number.	Date.	From or To—	Subject.
✓ 161708	7/26	FR	Reports on post trial examination of machy.N
✓ 162509	7/22	FR Co	Fwdg bills for appd changes.N FR—fwdg duplicate copies of affidavit relative to 8-hour law 8/5
162763	8/2	Bd I & S	Prelim trials: supplementary report.N TO FR fwdg 8-12 FR all work required has been done or appears on list fwd 8-13 8-14
162850	8/6	FR	Monthly report.N
163062	8/9	Bd I&S	Post trial examination; reports on condition of various items.N
163063	8/9	Bd I&S	Supplementary statement on resumption of prelim trials.N
163177	8-10	FR	Bills for changes; affidavit for 8 hour law.N
163247	8-2 8-9	Bd I&S Dept	Supplemental Report on prelim trial.N Retd C&R 8/13
163302	8-11	FR	Builders trial: reports on.N
✓ 163616	8/14 8/17	FR C&R	Contractors rect authority to deliver vessel Aug. 19th; inspr's report on read- iness.N
Fwdg RB	Dept 8-20 9/2	TO FR 8-20	To FR (T)—recommended when all uncompleted work completed satis to inspr's 8/19
163792	8/19	C&R	Fwdg b/p copies supplementary report prelim trial.N

CUSHING: TRIALS.

Number.	Date.	From or To--	Subject.
✓ 156755	6/2	FR	Will be ready to complete consumption runs June 7th.N
✓ 156933	6-5	FR 2152	Drain from main bearings: required by trial board; contractors state cannot be fitted.N To--Change specs to agree with plan.6/9
15713 ⁰	6-7	FR	Left works 5th for builders trial.N
157131	6-7	FR	Left works June 7 for official trial; lists Navy men on board.N
157185	6-8	FR	Monthly report
✓ 157291	6-10	FR T	Cruising turbine thrust burned out on endurance run; contractors reqd post trial examination be completed with exception of bearings.N To--Auth post-trial examination of 6/11
✓ 157455	6-10	FR 2219	Official trials: reports on return from; trouble with engine thrustbearing.N
157747	6-11	FR	Company request list of uncompleted and unsatisf work as reported by trial board.N To--Instructions.6/15 FR--fwds contractor's comments 6/21
✓ 158618	6-18	Bd I&S	Prelim trial: fwds report.N To FR--fwds copy report; reqd contr's complete work. 6/23 Further 6-26
✓ 158752	To Cramps-- 6-22	Fwds copy.7/10 FR	Reports strike in coppersmiths shop.N

GUSHING; TRIALS. 543-2

Number.	Date.	From or To—	Subject.
158912	6-23	Dept	Report of board on prelim trial. N Refd-- 6/28
159059	6-25	FR	Copy of letter to Board reporting on post trial examination of machy. N To Dept-- Post examination be made of starboard turbine. 6/30 Fwd Dept-- 7/9 RB 8/25
159056	6-26	FR 2446	To-- (T) Auth contr's renew section which contains damaged balding. 7/7 To-- Fwd copy of corres 7/9 not understood 7-7 Bd I&S report on insp stbd turbine 7-5 Copy of inspectors comments on list of unsatisfactory work. N To-- Cancellation item 24a authorized. 6/28
159159	6-21 6-28	FR Bd I&S	Unsatis work: recommends change in ladder back of boiler. N Fwd Bd I&S-- 6/29
159482	6-24 7-1	FR Bd I&S	Fwd contractors comments on pressure governor supplies main insp pump. N Fwd Bd I&S-- 7/3 To FR-- instructions. 7/3
159561	7-1	FR	Asks home yard assigned in connection with shipment spare parts. R To-- Home Id at Boston. 7/6
✓ 159833	7-6	FR 2549	Fwd contractors comments and inspectors report on condition of stbd main turbine, and uncompleted trial; vessel cannot be ready for continuance of trial on the 9th. N Fwd Dept via Bd I&S-- Recommendations. 7/9
159874	7-7	FR	Monthly report. N
159875	7-6	Bd I&S	Fwd Inspector's report on post trial examination, with comments. To FR-- Fwd copy above 7/9

CUSHING: TRIALS.

1912

Number.	Date.	From or To—	Subject.
154740	5-10	FR 1789	Dock trials; reports on. N
154760	5-11	Dept	Prelim trial; copy of precept to Board. N
154840	5-10	FR	Final trial; lists special points. For board to observe during. N Fwd C&R--Noted. 5/14 To Bd I&S--Reqt comment on. 5/14
154985	5-13	FR 1844	Measuring tanks for feed water and fuel oil on trials; recommends against fitting scales if tanks are calibrated. N Fwd Bd I&S--For comment. 5/14 RB 5/18 To--Appvs. 5/19
155194	5-13	Bd I&S 1170	Reqt loan of radio apparatus for use during trial. N To Bd I&S--refers to Bu letter 155096-543-6--5/18
155218	5-17	To FR. (JOINT)	Preliminary trials; reqt report as to the readiness for.
155223	5-17	To FR. (T)	Report whether contr's will equip with temporary wireless outfit during trials. N FR 5/18. (T) contractors will not equip.
155320	5/17	FR	Reqt travel orders for certain employees attached to office to go on trials of. N To--(M) Why both Seed and Neill. 5/19 FR (T)--Gives reasons for Seed & Neill going 5/19 Fwds bills for authorized changes. K
155308	5/17	FR	
155379	5/17	FR	Builder's trial. N

CUSHING: TRIALS. 543 -- 2

Number.	Date.	From or To—	Subject.
155454	5/18	FR Joint	Gives status of unsat and uncompleted work Insp states may possibly be ready for trial on the 25th.N To Bd I&S--Comments on. 5/20
✓ 155452	5/18	FR	Builder's trial; reports on.N
✓ 155392	5-19	To Dept.	Reqt for orders for Draftsman C.D. Newman for trial of. N FR--asks if Newman shall go on trials 5/22(T) To FR-- Newman ordered to go on. 5/22
155452	5-20	To FR. (T)	Reqt recommendation as to readiness of ship for prelim trial. N
155599	5/21	FR T	Will be ready for trial 25th.N
✓ 155688	5-13	Bd I&S	Trial; reqt detail of draftsman and computing machine.N
155838	5-22	FR 1968	Left works for another builders trial. N
155913	5-24	FR 1991	Builders 2nd trial run; fwds data on.N
155914	5-24	FR 1979	Reports leaving works May 23 for official trials; gives list of draftsmen and men on board.N
156308	5-29	FR	Fwds memo of Lt. Seal on first prelim trial. N
156352	5-28	FR	Reports return from official trials.N
✓ 156776	6/2 6/3	FR T Bd I&S	Board will conduct uncompleted trials com- mencing June 7th.N Fwd Dept-- Noted. 6/7

1915

CUSVING: TRIALS.

Number.	Date.	From or To--	Subject.
149637	3-13	FR 906	Reqt Bailey counters for trial.N To--Have directed shipment of from NY. 3/15 To NY-- Ship to FR. 3/15 To S&A-- Reqt for shipment. 3/15 To FR--Do not remove Bailey counters until remaining trials have been completed. 7/14 FR will re install 2-16
150198	3-19	FR 989	Fuel oil used on trial trip; analysis.N To-- Advise contr's reqt. 3/22
150642	3-23	FR	Bills for authorized changes.K
151079	3-30	FR 1127	Fwds affidavit re 8 hour law in connection with bill for authorized changes.K
151879	4/7	FR	Monthly report.N
152451	4-13	FR 1348	Ret postponement of trial. N Fwd Bd I&S-- Rec appl: 4/16 RB 4/19
152674	4-16	FR	Prelim trial: fwds synopsis machy data.N To Bd I&S-- Fwds above 4/19
153033	4-18 4-22	FR Co. C&R Re	Reqt trial be postponed until May 6.N Fwd Dept via Bd I&S-- Noted. 4/23
153148	4/22	FR	Left contractor's works for docking at Post.N
153119	4/22	FR	Contractors request trial May 6th; Insp states will not be ready.N Fwd Dept via Bd I&S-- Comments on 4/26 RB 5/14-- trial to be held at Rockland, Me. on May 25, 1915 or as soon after as practicable

CUSHING: TRIALS. 543-2

Number.	Date.	From or To--	Subject.
153177	4-23	FR 1489	Fwds list of pumps and machinery intend using on trial; also proposed test of distilling apparatus, etc. N To--Instructions, 4/26
153217	4-24	FR	Reports return to works. N
153299	4-26	To FR.	Machinery specifications; rect corrected copy of be fwd to Bu for use of Trial 3d. N FR fwds specs 4-28
153903	5-1	FR 1641	Rect authority to test condensers and turbine casings, etc by water pressure in lieu of water pressure. N To--Test as specified in specns. 5/6 FR contractors are finished condensers at own risk 5-7
			To--Test for air leaks will be allowed to stand. 5/11
154393	5-6	FR	Monthly report. N
154408	5-6	FR	States contractors will not be ready for trial on date set. N
154649	5-11	Solicitor	Rect many specs for trial board. N To-- Fwds. 5/11
154736	5-10	FR 1771	Quotes contractors comments on items of unsatisfactory work. N To-- ppva recommendations. 5/18
154737	5-10	FR 1773	Quotes telegram from Bd I&A vessel will be ready for trial May 25. N

CUSHING: TRIALS.

1914

Number.	Date.	From or To—	Subject.	
138793	11-5	FR	15th payment: reqt. K	
139013	11-5	FR	Monthly report. N	
141378	12-5	FR	Monthly report. N	
141582	12-8	Bd on Changes, FR	Additional two hour trial at 12-1/2 knots. To FR-- Fwds copy report, appvd. 12/10	
142001	12-11	FR	16th payment: reqt. K	
✓ 142244	12-16	Exp. Sta TEST 470	Kiely traps: report of test. D	543-20
✓ 142965	12-23	FR 4036	Fwds reqt from contractor for extension time due to turbulence changes. N Fwd rept via C&R-- Comments. 12/29. 0871 To--Will take up after delivery 1/21	
143790	1-5	FR	To be launched Jan 16. N	
143922	1-6	FR	Monthly report. N	
✓ 144688	1-16	FR T	Successfully launched 11:15. N	
145425	1-22	FR	17th payment. K	

1915

CUSHING: TRIALS. 543-2

Number.	Date.	From or To--	Subject.
146241	2-2	FR 398	Reqt extension time sufficient to cover 17th and 18th instalments. N Fwd Dept via C&R--Recommendations. 2/6 To--Will take up after delivery. 2/24
146457	2-4	FR	Monthly report. N
146473	2-4	FR	Reqt arrgt for prelim trial early in April. N Fwd Dept via C&R--Bd I&S--Date satis: 2/8 RB 5/13 Fwd C&R 5/14 RB 5/19
147790	2-18	FR	18th payment. K
148520	3-1	Dept	Full power and smoke prevention trials. F.
148698	3-2	FR 761	Reqt trial board arrange for trial Apr 26. N Fwd Bd I&S via C&R--ate satis. 3/5 To-- 3/13
148785	2-26 3-3	FR Co. Dept	Appeals to Asst Secy personally for assistance in getting extension time. C To FR Co. (Secy's sig) Comments on. 3/6 Memo To Asst Secy-- 3/15
148970	3-4	FR 782	Prelim trial: Fwd plan showing arrgt for measuring feed water and fuel oil, etc. N
149055	3-5	FR	Monthly report. N
149223	3-8	FR 842	Prelim trial: Fwd list of work which contractors reqt permission to complete after trial. N
149456	3-2 3-11	FR Co C&R	Reqt authority to hold trials during week of Apr 26. N Fwd Dept-- 3/13

CUSHING: TRIALS.

1914

Number.	Date.	From or To—	Subject.
✓ 117118	2-7	FR	Monthly report.N
✓ 117197	2-5	FR 447	Arrest for measuring fuel oil during trial trip/ Print.D Fwd Bd I&S. for comment.2/11. RM 2 To---appd.2/24.
✓ 117387	2-9	FR	8th payment;reqt.K
✓ 118063	2-16	FR 583	Trial; arrest for measuring feed water; print.N Fwd Bd I&S. for comment.2/21. FR reqt action 3-7 To---appd.3/12.
118860	2-27	FR	9th payment;reqt. K
119390	3-6	FR	Monthly report. N
122019	4-8	FR	Monthly report. N
122293	4-10	FR	10th payment;reqt.K
124437	5-7	FR	Monthly report.N
✓ 125423	5/19	FR 1717	Additional 2-hour trial 15-1/2 knots; inc cost.N TO --- Genl Insp 5-22

CUSHINGS TRIALS. 543--2

Number.	Date.	From or To—	Subject.
✓ 125633	5/25	FR 1784	Additional 2-hour trial; revised estimate inc. cost. N
✓ 126098	5/28	FR	11th payment; reost. K
✓ 126658	6/4	FR	Monthly report. N
129093	6-2	FR	12th payment; reqt. K
129139	7-3	FR 2173	Trial trip instruments; fwds plans showing arpt. N Fwd 3d 183. fwds prints and asks if satisfactory. 7/7 FR reqt action 7-20 To---appd. 7/31.
129500	7-7	FR	Monthly report. N
131907	8-7	FR	Monthly report. N
132550	8-17	FR	13th payment; reqt. K
133008	8-26	To FR	Preliminary Trial; instruction to Insp of Machinery. N To 3d Insp. & Sur-- Fwds copy of letter sent FR-- 8/26
13872	9-4	FR	Monthly report. N
136424	10-7	FR	14th payment; reqt. K
136460	10-8	FR	Monthly report.

CUSHING: TRIALS:

1913

Number.	Date.	From or To--	Subject.
✓ 87671	1-14	FR	Reports strike of pipe fitters and plumbers; will submit statement delay later.N Fwd Dept. 1/17. To---notes Dept's action. 1/23.
✓ 90391	2/14	FR 441	Proposed division of hull and machinery.N To Insp't. Fore River submits - submit detailed divisions 2/26
91871	3-6	FR 558	Proposed detailed division of machy allotment. To---encloses revised copy. 3/18 To---Fwds supply form 102. 4/29.
91872	3-5	FR	Monthly report.N
✓ 95222	4/16	FR	Monthly report.N
95228	4/16	FR	1st payment: request.N
97560	5-16	FR	Monthly report.N
99182	6-7	FR	Monthly report.N
7 100396	6-25	FR	2nd payment: reqt.N
101349	7-20	FR	Monthly report.N
103379	8-8	FR	Monthly report.N

CUSHING: TRIALS: 543-2

Number.	Date.	From or To—	Subject.
104099	8-19	FR	3rd payment: reqt. K
105290	9-8	FR	Monthly report. N
✓ 106811	9-29	FR	4th payment: reqt. N
✓ 107441	10-7	FR	Monthly report. N
109886	11-7	FR	Monthly report. N
✓ 110542	11-14	FR	5th payment: reqt. N
111999	12-4	FR	Monthly report. N
✓ 112744	12-12	FR 3944	6th payment: reqt. K
✓ 114697	1/9	FR	Monthly report. N
✓ 115355	1-15	FR	7th payment; reqt. K
115271	1/19	TO FR	Change in trial requirements; add two-hour trial with main turbines only, during which time oil and water consumption will be carefully measured; reest est inc cost. N

1918

CUSHING: ELEC PLANT.

Number.	Date.	From or To—	Subject.	
✓ 190538	6-10	Lake	Finished plans; record of elec appliances; relative to contract requirements. I	
V 192693	7/5	Bd Changes	Change in number of spares for the turbo-generators; no change in cost. N	
197260	8/21	To DO	Quarterly Report of Electric Plant; load in amperes; believes figures shown in error. I CO lws 8-25	
409551	5:17	CO	Req action.	
442191	8/28	To WHEM	Electric plant, unsatisfactory condition of ice machine motor and shore telegraph system. SAs call to report 30% reduction of ice machine motor and shore telegraph system. 9/5.	543-8
504369	7:9	Insp'r Phila <i>Will see 545-1</i>	Copy of telephone conversation with Elec Stor Bat Co in connection with defective calls for L-7. I	

CUSHING: ELEC. PLANT.

1913

Number.	Date.	From or To—	Subject.
✓ 87838	1-16	FR 154	Lighting and l-e systems; asks if Bureau will furnish type plans.L. To---Will issue type plans at an early date.1/20.
91397	2/27	FR 595	Type plans, electric plant: requests be expedited.L To---Plans will be issued as soon as completed.3/1.
✓ 98897	6-5	FR 1749	Fwds print of Lovell's 5 amp. d.p. switch and receptacle and asks if satis.L To---plan disappd.6/7.
✓ 101899	7-19	FR 2210	Elec. wiring in vicinity of compasses; Asks if to be steel or copper armored.L To---requirements.7/21.
✓ 105669	9-12	FR	Name plates for elec. insulators; fwds list.L
✓ 120203	3-13 3-14 3-16	Lovell, F.H. & Co Brook FR	5 amp single receptacles; reqt acceptance of material varying from drawing. 8 To FR. states what is satisfactory.3/20.
121881	4-7 Void	Bath 510	Record of Elec Appliances; and finished elec plans: reqt interpretation of specs as to what is to be furnished.L
✓ 134384	9-10	FR 3001	Wiring plans: fwds corrected. L To--- Ack receipt. 9/21 To--- instructions. 9/24

1914

~~CUSHING: ELEC PLANT. 543-3~~

Number.	Date.	From or To—	Subject.
136103	10-3	FR 3197	Lighting and I-C plans; fwds.L
		1915	
144179	1-8	FR	Reqt confirmation of contractors understanding of requirements.L. To--Instructions. 1/15
144434	1-12	FR 143	Reqt that power, lighting, and I-C loads be made on single sheet for finished plans.L To-- Appvs. 1/16
157695	6-12	FR 2228	48 hour test elec plant; fwds.L To--Prelim accepts. 6/23
161321	7-21	FR	5 copies Record of Elec App: on hand; reqt shipping instructions. To--Instructions. 7/27 FR 7/30 To-- 8/5
162319	7/30	FR	FR fwds 8-24 To acks. 8-28 Test of elec plant; fwds print of installation resistances, etc in circuits.L To--Appvs. 8/6
168863	10-19	FR	Finished elec plans too large to mail; reqt instructions to ship post by express. L To S&A--Reqt shipment of to Bureau. 10/22 To--ship to Bureau. 10/22 FR will forward tracings to Bu by Adams Exp 11/4
		1916	
183697	3/15	CO	Alterations: shaft revolution indicators, call bells, install standing light for deck house, install call bell on bridge.L

1914

CUSHING: INT. COM. SYSTEM.

Number.	Date.	From or To—	Subject.
125425	5/19	FR 1719	Omission of oil fuel signal system; dec cost. D To---appd. 5/23. To Genl Insp 5-23 FR 5/28. corrects estimate. D
126043	5/27	FR 1798	Smoke indicator systems; fws plans. 1 To---appd. 6/2.
128367	6/24	Bd on Chgs	Omission of fuel oil signal system; est dec cost. N Fwd Dept. rec appr. 6/26. ~~appd~~ To FR appd. 7/9. Fwd Cdr. 7/22.
128595	6-23	FR	Smoke indicating system; plan. 1 To---appd as mod. 6/30.
129044	7-2	FR 2168	Also operated secondary counter; plan. 1 To---appd. 7/7.
129708	7-10	FR	Smoke indicating system; set inc cost. 1 To---action deferred. 7/18. To---Change appvd. 12/8 To Gen Insp-- 12/8
135736	9-29	FR	Voice tubes; genl alarm and after steering station; inc est. 1 To--- 10/6 To--- Gen Insp. 10/7
141568	12-7	Bd on Changes, FR	Change in voice tube calls, necessitated by arrival of voice tube communication between steering room after steering station and bridge. 1 To FR-- Fws copy report, appvd. 12/10

1914

1815

CUSHING: INT COM SYS 543-4

Number.	Date.	From or To—	Subject.	
158510	6-18	Bd on Changes, FR	Installation of a smoke indicator sys/ inc cost Fwd Dept Rec appvl' 6/23 RB 7/3 To FR-- 7/6	
✓166358	9/20	FR	Omission of fuel oil tank signal system; rec. increase of decreased cost. 1 To ALlys. 9/25 To Cap Insp. 9/30 Fwd C&R 12/16	
172560	11-29	Bd on Changes, FR	Omission of fuel oil tank signal sys: Dec cost. 1	
203454	10/20	Norf	Protests against assignment vessel Norf for completing change in torp tubes	543-8
215725	2-20	Norf	ALYNN class & CUSHING: bell signals from torp tubes to air compressors; plan.	496
218690	3-19	ERICSSON	* McDUGAL, CUSHING: FWDs sketch of proposed fire control voice tubes agreed upon by COs; request work be auth.	647-10
✓224540	4/10 4/24	CO F&E	Change position of voice tubes 1 Fwd C&R--4/26	
✓400534	3/7	C&R To C&R—	Request comments of modifying fire control voice tubes to conform to present practice-L	
		Recommends no changes be undertaken at this time. 3-14		

CUSHING: INT.COM. SYS.

1913

Number.	Date.	From or To--	Subject.
✓ 110255	11-12	Bd on Changes, FR	Change in mechanical engine order tel dial markings. Inc cost. N To FR appd. 11/15
✓ 110259	11-12	ditto Ins	Installation on birdge of two elec. shaft revolution indicators one for each shaft. Inc cost. N Fwd Dept. rec appr. 11/15 RP To FR appd. 11/20. Fwd C&R. 12/22.
110879	11-19	FR 3627	Shafting revolution indicator system; fws print of choke coil inside indicator casting. L or case. To---appd as mod. 11/22
✓ 111012	11/22	To FR	Fuel oil tank indicator system; 1" no work has been undertaken, Bureau desires be omitted. L
✓ 111279	11/24	FR 3704	Fuel oil tank signal system; recommends be omitted. L To---appd. 11/29.
✓ 112055	12-4	C&R 29479-E.2	Voice tube system; flush deck receptacle; print. L To---FR- fws 12/10 Fwd C&R- satisfactory 12/10
✓ 112532	12-10	FR 3974	Elec shaft revolution indicators sys; fws plans and recd. data on type lantern required. L TO -- satis 12-16

1914

CUSPINK: INT.COM.SYS. 543-4

Number.	Date.	From or To--	Subject.
✓ 115913	1/26	To FR	General alarm gong system; delays contact maker be relocated on bridge.L
✓ 115180	1-26	FR 705	Omission of fuel oil tank signal system; fws modified print.L
✓ 116522	1-29	FR 353	Voice tubes; contractors rect. inc cost for head sets and flush deck receptacles; are ready for inspection. L To---under C&R.2/3. Fwd C&R.2/4
✓ 117768	2-12	FR 554	I-C system; print.L
✓ 119835	3-10	C'R 29479-E.4	Voice tube system; fws plan and comment. L TO FR fws copy of encl. 3-17 Fwd C&R VIA ORD satis 3-17 Fwd C&R.3/26.
123321	4/23	FR 1362	Smoke indicator system; fws contractors' request that a navy standard action cut-out switch be arranged as a transfer switch.L To---instructions.4/28.
✓ 123909	4-30	FR 1442	Genl alarm gong contact maker: to be re-located on bridge; no change in cost.L
✓ 124037	5-1	FR 1456	Smoke indicating system; plan. L To---appd as mod.5/6.

CUSHING: INT.COM.SYS.

1913

Number.	Date.	From or To—		Subject.	
✓ 99311	6-10	FR	1809	I-C system; fwds plans and wire list.L To---comments.6/24.	
99427	6/14	To FR		O'Brien, etc. Interior communication system. fwds prints covering addition of a voice tube outlet in pilot house.	539-4
100472	6-26	FR	1950	Recommends 6" in lieu of #3" vibrating gongs in fire room.L To---appd.7/2.	
101536	7-11	FR		Mechanical telegraphs; fwds b/p.L To---appd.7/19.	
101715	7-15	FR	2134	I-C system; fwds wiring plans.L To---appd as mod.7/22.	
✓ 101860	7-18	FR	2181	Shaft revolution indicator system; reqt. authority to use D-C instruments.L. To---requirements: change in cost.7/26.	
✓ 102134	7-18	G&H	29479-E.12	Voice tubes; fwds plan for comment. L To FR.fwds copy of corres: request copy of plans for file.7/29.Ret---satisfactory as mod.7/29.	
103524	8/13	To FR		Voice tube for steering purposes; forwards copy of 103261-539-4; request estimate of change. L	

CUSHING: INT.COM.SYS. 543-4

Number.	Date.	From or To--	Subject.
105342	9-8	FR 2765	Shaft revolution indicator system; plan.L TO -- appvd 9-12
105400	9-9	FR 2783	Engine order telegraph dial markings; change in cost.L TO -- 9-15 TO Bd 9-15
✓ 106660	9-26	FR 2925	I-C wiring plans; print.L To - Recs. good copy of plans 10-1
✓ 107128	10-3	FR	Shaft revolution indicator system; fwds Cory plans. L To --- plan satisfactory. 10/8
✓ 107190	10-4	FR 3053-	I-C wiring plans; fwds.L
✓ 108373	10-18	C&R 29479-E.2	Voice tubes; fwds prints.L To FR. request plan Cory Dr 1372.10/25 Ret --- plan satisfactory. 10/25
108708	10-23	FR 33247	Shaft revolution indicator system; est. inc. cost.L Fwd Dept. for consideration. 10/30 To --- change authorized by Dept. 11/8 TO GENL Inspr 11-8
109302	11/1	FR 3351	Voice tubes; fwds print showing flush receptacle.L To --- comments will be submitted to C&R. 11/5

[illegible]

CUSHING: LIGHT & POWER.

Number.	Date.	From or To—	Subject.	
✓ 143353	12-29	FR 2071	Portable safety hand lanterns; fwds specs of Hirsch type; reqt authority to supply in lieu of "bubble". To--Appvs use of 1/2	
144513	1-12	FR 149	Portable elec safety lanterns; list of spares for L	
151656	4/5	FR	Elec fixtures, over water gages; re type of for	548-5
152283	4-12	FR 1345	Elec fixtures for water gages; cannot secure exact cost. L	
156756	6/3	FR 2115	Recommends approval of model 45 voltmeter. L To--Rec acceptance. 6/14 FR Western model 45 approved 6-18 To--Ammeter satisfactory. 6/22	
148213	6-8	To Boat.	Blinker signal set; report when set has been installed. L	539-21
✓ 159598	7-1	Boat	& O'BRIEN CLASS; reqt standard plans for revised mess room lighting. L To--Will furnish as soon as detailed information is rec'd. 7/29 To--Reqt changes be made in wardroom lighting on. 9/11	
162119	7/29	FR	Reqt blinker signal set be installed. L To--Set shipped Boat for installation after delivery. 8/5	

CUSHING: LIGHT & POWER. 543-5

Number.	Date.	From or To—	Subject.
164383	8-25	FR	Reports number of hours gen sets were in operation prior to delivery of vessel.
165150	9-3	CO	Raise night signal set lanterns. L To--Reqd further information on: 9/15
169120	10-19	Bost	Blinker signall; set install 10-9. L
173693	12/9	CO	States ward room lighting satisfactory; reqt changes be not made. L To Bost directs JO be not cancelled 12-15
207276	12/5	To CO	Wardroom lighting. Any changes heretofore auth not yet completed will be held in abeyance. L CO satisfactory 12/9
212427	1/24	CO R	Request wiring diagram, automatic truck light controller. L To--Fwds blue print of. 1/25
224680	4/23	CO	Requests authority to turn in spare lantern. L Fwd NY--4/30 RB 3-27 To NY--Reqd reply. 9/31--10/31-RB. NY - 9/13 - L
224785	4/24	CO	Reports receipt of 12 inch signal search light L
228341	5/15	To CO	Discusses use of six dark blue lenses for signal lanterns to be used as a stern light.

CUSHING: LIGHT & POWER.

1914

Number.	Date.	From or To--	Subject.	
✓ 116186	1/29	to FR	Lighting system; new arrangement adopted; requests contractors incorporate certain changes. L To---corrects drawing number. 2/17.	
✓ 117148	2-5	FR 450	GPO quarters; rearrgt of lights; est inc. cost. L To---disapproves claim; gives items which involve change in cost. 2/16	
✓ 119105	3-3	FR 707	Lighting system; previous order called for prismatic reflectors for ceiling fixtures only; protests against making change at this time. L To---directs no further changes be made. 3/7	
119123	3-5	FR 706	Lighting system; plan. L To---enclosure not received. 3/6. FR did not intend to fwd enclosure 3-9 To---apd as mod. comments. 3/14.	
120289	3/15	Cory. Chas. & Son	& NEVADA; fwds sample of 5 amp receptacle with 2 legs at reqt of FR; asks if satis	133-5
✓ 120555	3-19	FR	Asks if blinker signal light equipment is to be installed. L To---will be installed after del. of vessel. 3/27.	
✓ 120715	3-21	FR 947	Truck light controller; not installed with in accordance with plans 2189; will involve increased cost. L To---This plan supersedes 27352-A. 3/27	
122376	4-11	FR 1218	Lighting system; plans. L To---Ack. 4/16.	

CUSHING: LIGHT & POWER. 543---5

Number.	Date.	From or To	Subject.
✓ 135428	5/19	FR 1708	Re-arrangement of Chief Petty Officer's quarters: inc. cost. L To Genl Insp & Insp 5-23
✓ 125422	5/19	FR 1716	Lights in officer's quarters: inc cost. L To -- appvd 5-23 To Genl Insp 5-23
✓ 126843	6/6	FR 1882	Automatic truck and screen speed light controller; submits plan. L To -- appd. 6/9. To -- Instructions. 12/19
128368	6/24	Bd on Chgs	Change in lighting chief petty officer's quarters: est inc cost. N To FR appd. 6/26. Fwd C&R. 7/22.
✓ 134572	9-16	FR 3028	SEARCHLIGHTS: inc cost for motor feed. L To -- Disappvs. 9/19
✓ 135737	9-29	FR	Truck light controller: inc cost. L To -- 10/6 To Gen Insp -- 10/7
140069	11-17	FR 3649	Lighting system: Cwis plan. L To -- Ack receipt. 11/28
141563	12-7	Bd on Changes, FR	Changes in lighting of officers quarters: inc cost To FR -- Fwd copy report, appvd 12/10
141566	12-7	ditto	Use of Automatic truck and screen speed light controller: inc cost To FR -- Fwd copy report, appvd. 12/10

1943

CUSHING: LIGHT & POWER

Number.	Date.	From or To--	Subject.
101716	7-15	FR 2133	Elec. light and power system; fwda corrected plans. L.
✓ 101859	7-18	FR 2195	Turbo generator sets; submits prints of spare parts. L. To---reest est. on different lists of spare parts. 7/29. To---reest reply, 8/20.
102206	7-22	FR 2240	1st stage nozzles; cruising turbine; b/p.D
102638	7-29	FR	Switchboard; spare parts; fwda list. L
104283	8-23	FR 2616	Night signal sets; reqt. authority to change connection of main supply cable as topmasts of vessel are arr nged to be struck. L To---comments. 8/27.
✓ 104519	8-26	FR 2651	Turbo generators; spare parts; estimate increased cost. L To---change appd 9/2 To Bd for appraisal 9/2 FR 10/16 Reobe ts ret. for blueprinting. L To---fwda copies of estimates. 10/18
✓ 105145	9-5	FR 2746	Turbo generator; resubmits outline and assembly plans. L To---tentatively appd 9/10
✓ 106574	10/23	To GE	FR order 76083 for 12" bracket fans; asks reason for waiving inspection. S GE recommends inspection be waived 10-25 Ret---appd. 10/27. RE 10 30

CUSHING: LIGHT & POWER. 543-5

Number.	Date.	From or To—	Subject.	
✓ 109384	11-3	Lovell, F.H. Co	Battle lanterns: rect. authority to depart from specs re size of stuffing tubes for.1 To -- not auth 11-10 Brook rect. copy of letters to Lovell To Brook. Fw's copy. 11/18	11-15
✓ 110258	11-12	Bd on Changes, FR	Change in number of spares for the turbo generators: N To FR appd. 11/15	
✓ 111718	12-1	FR 3787	Proposed arrgt lights in CPO quarters: change in cost.1 To --- further consideration will be given upon receipt of prints showing approval of rearrest of chief petty officer's quarters. 12/4	
✓ 113037	12-13 12-18	GE Co C&R	Turbo gen sets: Fw's copy of shipping bills covering spare parts, etc for.2 Fwd GE. Asks why papers were sent to C&R. GE 114	12/30
✓ 113164	12-17	FR 4007	Turbo gen; spare parts for: rect award for change be re-opened.1 Re -- request change be again presented to Bd on Changes. 12/22: p To Gen Insp. -- Rect question be re-opened. 12/2/15 To FR -- Fw's copy above. 12/2/15	12/2/15
✓ 114694	1/9	Mass	Fw's test reports of turbo gen. sets mfrd by GE Co.2 To FR. Fw's test reports. 1/16	
✓ 115249	1/17	To FR	Lighting system; request print.1	
115730	1-20	FR	Lighting system; fws genl arrgt plan.1.	

1912

CUSHING: LIGHT & POWER SYSTEMS.

Number.	Date.	From or To--	Subject.	
93950	4/3	To FR	Lighting and power systems; fwds prints 2112-1 showing type plans. L	
94975	4-12	FR 1092	Switchboard; contractors reqt. information in order to proceed with plans. L To--4/19	
94997	4/16	To Inapra	O'Brien; class. fwds prints of switchboards 2113-1	539--5
95215	4/16	GE	* SACRAMENTO; turbo generating sets, fwds drawings and specs to cover ip	222--5
95410	4/18	FR 1191	Turbo generating sets; fwds prints of field rheostat. L To--appd withheld 4/25. To GE request prints of 25 kw set. 4/25.	
96108	5/1	To FR	Switch and receptacles for 12" fans; 5-ampere required. L	
96482	5/3	GE	* SACRAMENTO; turbo generating sets, states commercial 35-Kw and 25-Kw Navy sets identical except as regards nozzles, etc	222--5
97544	5-16	FR 1512	Night signal set; fwds b/p. L To--appd. 5/20.	

CUSHING: LIGHT & POWER: 343-5

Number	Date	From or To	Subject
97547	5-16	FR 1510	Turbo gen sets; contractors reqt. approval of detail plans. L To---one plan appd as mod.5/22.
✓ 97827	5-20	FR 1578	25 kw gen sets; list of spare parts for L. To---appd as mod.6/2.
✓ 97818	5-20	FR 1977	Desk fans; list of spare parts. L. To---list is appd as mod.5/24.
✓ 97819	5-19	FR 1575	Searchlights; fwds outline prints and list of spare parts. L. To---satisfactory 5/23.
97995	5-22	FR 1594	Main switchboard; fwds print. L. To---approval withheld.6/2.
98374	5-27	FR 1.53	Electric light and power system; fwds wiring plans. L. To---appd as mod.5/7.
✓ 100034	6-20	FR 1886	Asks what type switch desired for searchlight for installation in pilot house. L. To---requirements.6/28.
✓ 100296	6-24	FR 1924	Light and power system; contractors agrees to proposed arr. of reflectors, etc. L. To---requirements.6/30.
✓ 101261	7-9	FR 2081	Deck and blkhd fixtures; have already ordered from Ober & Co. Asks if changes necessary. L. To---No changes desired.7/14.
✓ 101422	7-10	FR 2090	Switchboard; fwds b/p and spare parts. L. To---appd.7/16.

CUSHING: RADIO SET.

Number.	Date.	From or To—	Subject.	
210070	12-21	CO	Antennae with iron pipe spreaders deteriorated due to oxydation of iron; estimate submitted for replacement. W (Antennae)	
	12-29	Norf	To—Appva work. 1/4	
220954	3-23	CUSHING	Reports on mica transmitting condensers.	882-1
226362	5/4	CO R	Request Wash Yd ship a Kolster decrometer. W To—(T)Decrometer disasmd. 5/5	
226563	5/5	To S&A	Rest shipt of long wave receiver from FLORIDA to. W	
228664	4/20 4/27 5/16	CO NY C&R	Relocation of radio motor generators W To NY—Appva ests. 5/19 Fwd C&R—5/21 RB 5-24	
257349	10/22	CO	Alterations - move motor generator to engine room - W	
360418	10-23	To S&A	Rest shipt radio apparatus Wash to Newport I I-W RB 3, 17, 19 Reqt's cancel shipt order. 7-19	
360432	10-24	To S&A	Rest shipt radio apparatus Wash to Norf. W RB 1:6	

543 - 6 CUSHING; RADIO SET:

1919

Number.	Date.	From or To-	Subject.
428501	6-27	To S&A	✓ Reqt shipt amplifier fr m Wash to CO.W
428993	6-30	To S&A	✓ Reqt shipt receiver, audion control boxes etc from Wash to CO.W

CUSHING: RADIO SET.

1914

✓1

Number.	Date.	From or To—	Subject.	
121581	4-2	Bost	Reqt authority for work under SE. W To--via C&R will issue instrns for in- stallation after del. of radio sets 4/7.	
125935	5/27	C&R 29320-E.2	Plans and rigging: fwsd plans in connection with radio. W To--plan satisfactory. 6/3. To FR: fwsd copy. 6/3.	
126617	5/6	To Bost	Instructions re installing 5-kw radio sets purchased from F. Lowenstein on cont 20432	542-5
146028	2-1	To Bost.	Reqt plans and estimates for installing radio apparatus on "A"	
147196	1	Bost	Radio installation: estimate. W To--Comments on: reqt revised estimates and plans. 3/3	
150869	3-24	Bost	Revised plans. W To--Modi satis 4/1	
153403	4-24	Bost	Submits estimate for installing 5 kw Lowenstein set. W Fwd Rept-- Reqt appvl. 4/28 RB appd 4/30 To--Appvs 4/30	
155096	5-15	To Bost.	Radio apparatus for use in trials: auth issue of for trial of. W To--Aaks action taken. 5/1 Bost no action taken; FR did not require	6-5

1915

CUSHING: RADIO SET. 543-6

Number.	Date.	From or To—	Subject.	
171196	11-12	CO	Reqt 5 kw radio set be installed NY in lieu of Bost.W. To--Will be installed home yard. 11/16	
✓ 175248	123	Bost T	Ultra audion detector not received; reqt authority to issue one assigned. SALEM: 1 To--(R) interchange assignment auth: 1/3	
187764	5-15	To NY. (R)	Has provision been made to supply rheostats; can one be supplied CUSHING. W NY (R) all rheostats shipped Jan 9 5-16 To Bost--(R) Notices of shipment. 5/16 Lrd S&A-- 5/18 RB 5/25 ref. Boston & CO 5/25 RB from Bost 6/6	
188404	5/19	To Bost	PRESTON: reqt estimates for overhaul and repair of temporary apparatus now installed to be removed upon installation of new 5 kw radio set on CUSHING	362 6
✓ 207189	12/5	To CO	Ask serial number of the combined audion ultraudion detector, filter type. W	
✓ 208205	12/7	CO	Was on board combined ultraudion filter #37.W	
✓ 208510	12-4	CO	Request telautograph be instilled for communication between radio room and bridge. C-in-C recommends waiting; result of test on PERMA. L To--Concurs. 12/20	

CUSHING: MACHINERY PLANT: GENERAL.

Number.	Date.	From or To--	Subject.
436527	7:31	NY	Recommends balancing of starboard turbine be authorized, submits report of post repair trial. Y
439556	8:13	Dept	Copy of letter to NY stating August 30th as date of completion of work. A&Y
442191	8/2 8	To CUSHING	Electric plant, unsatisfactory condition of ice machine motor and smoke telegraph system asks complete report covering L CO-comments on unsatisfactory condition of ice machine motor and smoke telegraph system. 8:5 To- Desires condition of ice machine be investigated and report made. 9-18
453873	10:24	NY copy	CUSHING docked-15 days- yardcraft follows. A
461609	12-4	Dept	Date of completion will be considered as indefinite: Y
477740	2:14 2:20	CO NY	Submits general report on condition of boilers and engines. Y&D To CO 2/27 copy in NY
495437	4:3	NY copy	Vessel will be ready to be towed to Philadelphia 11 6th-A

543-8: CUSHING; MACHY PLANT; GENERAL:

Number.	Date.	From or To--	Subject.	
495848	4:5	Dept	Copy of telegram to 3rd Dis directing arrange to tow vessel from NY to Phila for delivery to Commandant.A	
497392	3/31 5/2	CO Dept	Report on material readiness - Y Fwd Opars via Ordn 6-4.	
506419	7:28	CO	Submits general report on condition of machy.Y	
510264	8:7	Phila	copy Vessel placed out of commission.A	
510676	8:7	CO Phila Destroyers	Vessel placed out of commission.A	
563716	5/10	Boaton	Revises estimated date of completion from August 1 to Oct. 1 D	543-10
		1922		
540681	9/6	Phila.	No outstanding job orders on. Y	

CUSHING: MACHINERY PLANT: GENERAL

1917

Number.	Date.	From or To--	Subject.
269567	12-7	European Forces	Fwd's report of work to be done during refit period. Y
302493	4/10	European Forces	Submits report of work to re-fit Cushion. Y To C&R- 5-3
385908	1:7	CO	Req. straighten starboard propeller shaft; remove port propeller; rebore pumps etc. Y to Dept (Operations) - New boilers suitable for are being mfg'd. 1-23 copy to CO and NY
389152	1:25	Dept	Instruction in connection with holding matl. inspection Y to Bd I & S - Fwd's correspondence in conn with Material inspection - 2-4-19 to NY - Gives action items to take in advance of inspection report. 2-15 Bd I & S - returns correspondence - 3/6
397046	2:24 2:21 Fwd C&R. 5-4	CO C&R	Req. overhaul boiler tubes strengthen deck supports and all smoke pipe etc Y to I.M. Ny - Recommendation appvd. copy to CO. 3-3

CUSHING: MACHINERY PLANT: GENERAL

Number.	Date.	From or To-	Subject.	
398165	???	3d I&S	Fwds report of matl. insp. held 2:12	
	3:24	NY	To I.N. Ny- Gives detail action. 3-14	
	4:2	NY	To S&A- Reqt shirt one 1h propeller from Hamp Roads to NY. 5-37	
	5:16	S.A.	To S.O. Ny- Inform if material received. copy to	
	5-17	RB 5/24	CO. 5-22 RB 5-14 (cross to 14	
407427	1/1	DEPT	Trans letter to NY setting 5/3 date of completion of work - Y	
417277	5-9	Department	Copy of ltr to NY setting 5/12 as date of completion of work - Y	
418290	5-10	CO	Submits report of repair wire D	
	5-10	N.Y.	Dept 5-14	
	5-14	Dept	Fwd Operat o.s via C&R. 5-15	
			Fwd Operations via C&R. 5-16	
432926	7-15	NY	Submits report of Board of Inspection. Fwd I.N. NY. 7-22 R B 8/4	Y
			Fwd Operations. 8-8 RB 9:5	
434094	7-6	CO	Reqt instructions in conn with placing vessel in reserve.	Y
	7-19	Department	Fwd CR 5-15. 7-23	
436158	7:30	NY	NY - Vessel being placed in reserve- Vessel arrived yard for post repair trial.	Y&D
		copy		

CUSHING: MACHINERY PLANT.

Number.	Date.	From or To—	Subject.
✓ 202611	9/11 10/14	CO Flt	Alterations to blowers, piping, forced lubrication, pumps, replace lathe, valve, annunciators, buzzer circuits etc. Y To Norf—Gives action on. 10/26
✓ 203454	10-20	Norf	Protests a aims assignment vessel Norf for completing change in term tubes. Y Fwd Dept via Ord—10/26
✓ 205312	10-31	CO	Repair gen sets, tachometers, lagging steam pipes Y
✓ 206253	11-21	Dept	Repairs must be completed by Jan 7. Y
210138	12/20	Norf	Submits list of JOs that cannot be completed by Jan 10 and reasons for 517-8
✓ 214765	1-29	CO	Request alterations main engine lub system, fuel oil ser. ice pumps, misc piping changes, individual lubrication system on blowers, floor plates fire rooms. Y Fwd Dept—Recommendations. 2/15RB 2-21 To NY 5/21
✓ 217940	2-26 3-3 3-13	CO Torp Flt Dept	Report on post repair trial: particular reference to turbines, pumps, etc. Fleet Commander states excessive fore and aft movement of rotors shows weakness of thrust arrangement. Fwd Dept—3/17

543-8: CUSHING: MACHINERY PLANT.

Number.	Date.	From or To—	Subject.	
219136	3-21	JAG	Report of board investigation on condition main engines and machy plant in general.	543-9
216081	3-28	To NY	Telephone to New York re fire brick also blowers and turbines for CUSHING.	258-10
228137	4-10	CO	Report of new CO.Y and NY—For comment and rec./19 RB	4-30
228384	5/9	CO	Report of post repair trial D	
250292	9/1	CO	Repairs to forced draft blowers, valves, evaporators, boilers, etc.Y	
250289	9/1	CO	Alterations forced draft blowers-boilers installed-cut out valves.Y	
257348	10/2	CO	Overhaul pumps, gages, evaporators, wiring L	

CUSHING: MACHINERY PLANT: GENERAL.

1915

Number,	Date,	From or To--	Subject.
✓ 166760	9/25	FR	Pocket booklet plans: reqt shipping inst. N To--Instructions: 10/2 FR fwds booklet 10-6.
168570	10-16	FR	Completed plans of macny: reqt shipping instructions. N To FR via SEA--shipping instrns 10/20 FR no index books recd 2/16 To--Have fwd ship book: 2/16
✓ 168571	10-16	FR	Finished plans: contractors reqt that they be exempted from requirements as to index numbers on standard tracings. N To -- disapproves 10-19
✓ 171149	11-11	FR	Finished plans: est dec cost due to omission of loose leaf binders. N To-- Change app'd: 11/15 To Gen Insp--11/15
172572	11-29	Bd on Changes, FR	Omission of loose lead binders for the finished plans: Dec cost. N
173616	12-11	To FR.	Finished tracings: reqt additional; omitted for set recently fwd. D FR fwds finished tracings 12/20 To Yards-- Fwds add prints. 1/6
✓ 183217	3-28	Dept	Change from Best to Norf not effective until after present repairs are completed. Y
183685	3/3	CO	List of 27 items covering alterations, engineering work. Y

CUSHING: MACHY PLANT. 543-8

Number.	Date.	From or To--	Subject.
187690	4-14	Dept	Military inspection: fws, report.Y Retd Via Ord--Noted: 5/15
188135	5-16-17	Boat	Request date of completion be set as June w to give chance to complete work on thrust bearings.Y
188259	5-17	Dept	Repair limit extended to June 3.Y
188697	5-22 5-22	Boat Dept	R Copy Can complete June 14. Y Date set for completion June 15
190503	6-10	Dept	Repair limit extended to June 17.Y
191235	6-19	Dept	Repair limit June 24. Y
199307	9-14	Operations	Available Boston for repairs necessary to fit for trials.IN
202423	8/29 10/2	CO Flt	Relocate fireroom annunciators, change lo- cation smoke indicators and install con- nection between distiller and fire main.Y Fwd Dept--Rec disappvl. 10/17

1913

CUSHING: MACHY PLANT.

Number.	Date.	From or To—	Subject.
✓ 89875	2-7	FR 374	Blkgd stuffing box for line shaft: fwds b/p.N
91342	2/27	C&R 29232-E.1	Midship sections: fwds prints.N To---plan satisfactory.3/20.
✓ 94978	4-5	C&R 29354-E.4	Stern frames, struts, and after framing:b/p.N C&R 5/5. Reqd action.N Fwd C&R satis. 5/5
98366	5-28	C&R 29533-E.1	Stringers, longitudinal, etc. Fwds b/p/ D Ret---plan satisfactory.6/6.
99579	6-14	C&R 29273-E.2	Compartment and access plans:fwds.D To FR.fwds prints for comment.7/1. C&R reqt. action E-1 To---plans satis- factory; comments.8/2.
✓ 102273	7-27	FR 2236	Compartment and access plans: fwds and invites attention to removable plates over fire rooms.D
✓ 106511	9-25	Hart 7859	~~Print~~ Bronze from Coe Brass shipped without inspc.S
110999	11-21	C&R	Outboard fittings: print.D To---satisfactory as mod.12/6 To FR.fwds copy.12/6
✓ 113398	12/22	FR 4060	Requests approval of standard drawings covering flanges for pipes, radiator valves, gate valves, etc.D To---appd.12/27.

CUSHING: MACHY PLANT. 543---8

Number.	Date.	From or To--	Subject.
128368	6/24	Bd on Chgs VOID	Change in lighting chief petty officer's quarters; est inc cost. N
✓ 131075	7-27	FR 2424	Booklet plans: fwds print of proposed covers for approval. D To---will be argrt as called for in specns. E/11.
			1915
143792	1-5	FR	Reqt index books for finished drawings. Y Id - Fwds. 1/13
145869	1-28	FR 330	Finished plans: reqt authority to exceed 72" in length. for certain. D To-- Apvs with comment. 2/4
✓ 150859	3-26	FR	Finished plans: asks if Bu will accept tracings and white cloth vandykes. D To-- Yes. 4/1
151409	4/2	FR	Standard file stamp for finished tracings; contractors reqt that drawings be accepted as made
✓ 164485	8-27	FR	Drawings for Machy: fwds sample of paper and cloth proposed. DC To--instr ons. 8/31
✓ 165700	9-10	FR	Fwds samples vandykes on cloth and paper; in connection with finished drawings. DC To--Samples satis. 9/20

634

Number.	Date.	From or To—	Subject.
436527	7/31	NY	Recommends balancing of starboard turbine as authorized. submits report of test repairs trial. I.
457620	11/12	NY	Request prints for use in identifying machined blading for engines - D To S.O. Ny- Fwis prints. 11-14

CUSHING: MAIN ENGINES. 543-9

Number.	Date.	From or To—	Subject.
✓ 220351	3-24	CO	3rd turbine casing and rotor: reports result examination on lifting casing: Y
220618	3/31	NY	Thrusts: states alteration in accordance with FR's plan not suitable. D&Y To--(2) instructions. 4/3 10-- ~~instructions~~ for
220287	3-29	Telephone NY	Thrust (3 messages) T
✓ 224744	4/24	NY	Reports error in finished plans of blading D To Yards CO--Fwds replacing plan. 5/11
✓ 225926	5/2	Pore River T	Blading material shipped today - anticipating date one month. Y Fwd FR--5/5 RB 5-21
227586	5/10	Phone NY	Bu asked status of blading for. Y
✓ 227771	5/10	Phone NY	Blading material will be sent to Phila for shipment via DIXIE. Y Phone NY--Re cutting turbine blading to length. 5/10
	5/1	Phone FR	Re status of turbine material for. Y In re NY--5/1

CUSHING: MAIN ENGINES

Number.	Date.	From or To--	Subject.	
✓ 217846	3/13	To Hartford T	Wire Bu date blading for shipt or expected to be shipt. S	
		To Amer Brass Co--Reat every effort to be expedite. 3/20	Hart turbine material: part now ready.	
		FR (T) request shipping instructions for turbine material now ready 3/22	part March 17th, part 24th. all complete Apr 1st (T) 3/15	
		To Hart--(T) Diremts expedite blading material ready for shipt. 3/22	Hart part turbine material released yesterday; all other telegram data in telegram of 15th 3/16	
			Amer Brass Co (T) CUSHING, DOWNES, shipping part today, more ready for inspection 19th; expect to complete, ready for inspection by the 24th 3/16	
			To Hartford--(T) Ask date blading for will be shipt. 3/15	
			To Amer Brass Co--Acknowledges letter with thanks, re shipt of material for turbines. 3/17	
✓ 218399	none	Lt. Shafroth	& DOWNES; quotes telephone message to the Amer Brass Co, re expediting delivery. S	
✓ 218674	2-28 3-19	CC Dept	Reports on unsatisfactory design of main thrust and float of rotors of main turbines: fws sketches, etc. Y	
219136	3-21	JAG	Report of Board investigation on condition main engines and machinery plant in General. Y	
	Fwd Dept--5/14		Fwd Dept--Noted. 3/26	
			Lavon-- fws Lorf comments on report of Board of investigation 3/1 Chief	
219925	3/26	FR	Stays on turbine thrusts; fws prints	516-9
215008	3/26	To NY T	Instrns re thrust rods on.	793-1

CUSHING: MAIN ENGINES. 543-9

Number.	Date.	From or To—	Subject.
214151	2-17	FR	Have directed Company to furnish certain turbine blading material; delivery to be expedited. DY
	NY (T)	requisition number 1353	FR order for blading sublet by the FR Co to Amer Brass Co 2/19
	correct;	all copies forwarded with Supply Officer's report 3/27	To NY directs prepare requisition for blading material 2/20
			T SA reqt place order for blading material with FR Co in advance of requisition 2/20
			NY copy of letter from FR Co stating will require from 4 to 6 weeks to get out blading order; endeavor to expedite 2/25
			Fwd SA--2/28
			To NY--(T) Req correct number of reqn. 3/22
216204	2-26	FR	Turbine blading; fwsd copy of corres; blading for entire astern turbine already ordered; asks if message called for complete reblading
	2-27	SEA	is intended to duplicate ste astern turbine. Fwd SEA--3/1 RS 3-20
217378	2-25	CO	Reports on condition of turbine on lifting turbine casing. Y
			Fwd NY--3/9 RS 3-14
217437	3-10	NY	Turbine material; recommends material being purchased from FR Co. be cut to suit either right or left hand turbines. D
			To--(T) Instrns. 3/10
217430	2-26	CO	Reports on condition of turbines on lifting casings; Dept directs turbine work be undertaken at home yard when vessel reports in few days. DY
	3-9	Dept	Fwd Dept--3/29
217600	2-3	CO	Subm.s report on damage to blading port. main engine. Y

CUSHING: MAIN ENGINES.

7018

Number.	Date.	From or To--	Subject.
191452	6-21	Bost	Post repair trial develops no defects in main engine. Y
191526	6-21	FR	Stbd turbine; contractors propose to take off 1/16" from face bearing crasses to give necessary clearances: JWDs print.N To Via CO-- Appvs. 6/23
✓ 209115	12-18	Norfolk	Turbine shaft and reduction gear; alignment of. Y Original via Dept 20th Fwd Dept--Noted. 12/22
✓ 211876	1-17	Fleet R Copy	Stbd engine serious condition; proceeding Guantanamo for examination. D <i>O.K.</i> At Flt (R) reports on trouble with turbines 2/3- Referred to NM in error, believing ship to be SMV 2/6 Fwd Dept 2/7 2, 2-9 NM (T) Contractors direct no key be fitted between bar support and sole plate; desire to send representative to investigate trouble 2/8 To NM--(T) Mistake. No troubles on PENNA. 2/8 To Dept--Bu rec that contrs be given location of PENNA so can send representative aboard. 2/8
✓ 214683	2-17	At Fleet R	Port engine satis; stbd rubbing; now lifting casing. Y At Flt (R) copy--stbd stern turbine badly damaged, due to insufficient expansion 2/18 To NY--ask if FR Co can furnish material to To NY--Instrns: 3/9

1916

CUSHING: KAIN ENGINES. 543-9

Number.	Date.	From or To--	Subject.	
175935	1-8	FR	Unsatisfactory condition of thrust; contractors take exception to Bureau charge of dilatory methods. DC	
175870	1/7	Bd I&S	Directs arrgt be made to examine marine turbines after official trials at Key West Yd 543-2	
180097	2-23	FR	Support for 30" main engine; fwd plan. To--pvs subject to operation. 5/3	
180647	3/2	Bost	DUNCAN; spare turbine blades; lists those originally furnished which could be used in the turbines of the CUSHING	516-9
185605	4-19	CO	Reports on condition of turbine on lifting of casings. Y	
183973	4/28	CO	Pinions of reduction gear; reports on	543-2
187039	5-4	Bost	Submits estimate for fitting after bearings cruising turbines with sight glasses and thermometers. N To--Ap: pvs. 5/10	
188337 _n	5-16 5-17	FR CO	Thrust bearing supports; fwd print showing change from original design; CO reports no further weakness shown. N To FR-- Appvs acceptance. 5/20	

CUSHING: MAIN ENGINES.

Number.	Date.	From or To -	Subject.
170910	11-10	CO	Reports poor condition thrust blocks. NY Fwd FR-- For comment. 11/13 HB 11/26 To FR--Take up with contr's. 11/27
172361	11-27	FR	Spare pinions for reduction gear. N To--Auth acceptance of with certain modifications. 12/3
172564	11-20	Bd on Changes, FR	Furnishing and installing spare bearings for reduction gear. Inc Cost. N
172566	11-29	ditto	Furnishing spare pinions for reduction gear. Inc cost. N To FR- Bill not received. 11-1
174368	12-27	FR	Contractors reat that extra working reduction gear pinions be not ordered until 6 mos 6 months guarantee to determine wear of present ones. N To--Apvs. 12/30
175109	12-29	FR	Force lubrication system: fwd print showing arrgt piping for additional oil cooler. DC To--Apvs installation. 1/10 To Cost--Have appvd. 1/10
175193	12-28	Pag-Sa FR	Reqt that decision on unsatis condition of thrust be held up pending off final trial. DC To--Instructions. 1/4

CUSHING: MAIN ENGINES. 543-9

Number.	Date.	From or To—	Subject.
160177	7-10	FR	Reqt turbine repairs be postponed until after trials and test 543-2
161768	7/27	FR	Spare bushings for reduction gear; inc cost.DC To -- Change appvd. 8/2 To Gen Insp -- 8/2 Fwd C&R 21-14 form 135
163171	8-10	FR	Spare pinions for reduction gear; inc cost.DC To -- & Genl Insp 8-13 Fwd C&R form 135 12-14
163172	8-10	FR	Spare bearings for reduction gear; inc cost.DC
163237	8-9	National Carbon Co	Mfg two more than required; reqt Bu order for use as spares. DC To -- cannot use 9-18
163441	8-12	FR	Oil clutch pump; states clutch operated satis with oil from lub pumps; DC To -- as development 8-18
163463	8-13	FR 3078	Cruising turbine; bearings now satis with exception of lower half stbd. DC
163562	8-13	FR	Complains of leakage walt water into lub oil ayatem.DC
164806	8-31	FR	Reduction gear; spare pinions; states were furnished as change and should not be included in reservation.N
170495	11/6	FR	Reduction gear pinions to replace present installation in case of trouble in service; replace pinions show poor workmanship.N To -- Directs rejection 11/9

CUSHING: MAIN ENGINES.

1910

Number.	Date.	From or To--	Subject.	
154475	5-7	FR 7497	Swis prints pump for lubricating clutch; DC To-- Appvs. 5/11	
✓ 156347	5-29	FR 2075	Reduction gear; contractors claim additional bearings will be supplied only at inc cost. DC To-- Directs two be furnished; inc cost involved 6/3	
156933	6-5	FR	Drain from main bearings; cannot be fitted	543-2
157291	6-10	FR	Cruising turbine thrust burned out on endurance run	543-2
157464	6-10	FR 2211	Thrust for cruising turbine; submits proposed redesign to provide more surface in water jacketing under half. DC Fwd Bd ltr-- Comments on 6/14 RB 6/21	
157808	6-12	FR 2255	Thrust bearing; cruising turbine; plan. DC To-- Appvs. 6/18	
157807	6-12	FR 2254	Cruising turbine; fwd plan. DC To-- Appvs. 6/18	
✓ 159451	6-30	FR 3488	Reduction gear pinion; relative to pitting of DC To-- Appvs. dctr's reqt to supply new pinion for reduction gear. 7/5	
159835	7/6	FR	Fwd contractors comments and Inspectors report on condition of stbd main turbine, and uncompleted trial; vessel cannot be ready for continuance of trial on the 9th	543-2

CUSHING: MAIN ENGINES. 543-9

Number.	Date.	From or To—	Subject.
148046	2-19	FR 649	Clearance indicators for turbines: plan.D To-- Appvs. 3/6
149064	3-5	FR 789	Port turbine clearances: fwds plans.D
150204	3-20	FR	Port turbine clearances: fwds print. DC
150309	3-20	FR 1013	Arrgt details oiling for thrust horse shoe.DC To-- Appvs. 3/26
150806	3-27	FR 1097	Disconnections clutch: lubrication: pump for: fwds plan.DC To-- Appvs. install as originally proposed. 3/31
150895	3-27	FR 1099	Clutch for reduction gear: fwds plan.DC Fwd Cramps--For opinion on change. 4/2 RB 4/9 To-- Appvs. 4/12
151078	3-30	FR 1126	Stbd main turbine clearances: fwds.D.C
151203	3-31	FR 1140	Stbd cruising turbine: states blades were not silver soldered.DC To-- Appvs without blades being silver soldered. 4/5
153296	4-23	FR 1487	Fwds print of fwd main and thrust bearing. DC To-- Appvs. 4/28
153382	4-26	FR 1536	Ratchet for turning gear.DC To-- Appvs manu of 4/28 ToBost-- 4/28

CUSHING: MAIN ENGINES.

Number.	Date.	From or To--	Subject.
140356	11-20	FR 3697	Fwds print showing defective machining ahead drum stbd turbine.D To-- Appvs. 11/30
✓ 140740	11-25	FR	Turbine nozzle blading; reports rejection of certain parts of material being sort. D.
141101	12/2	FR	Test of cruising turbine; fwds sheets.D
141610	12-7	FR 3873	Turbine nozzle blading; appealing against action of Inspector for condemning.D To-- Appvs acceptance of 12/14
141741	12-4	FR 3822	Drum rim and buckets; revised plan. D To-- Appvs with modi. 12/17
142559	12-19	FR	Fwds result of test turbine nozzles blading.D
143071	12-22	FR 4032	Stanchions for turning gear brackets; plan.D To-- Appvs. 1/6
✓ 146151	2-1	FR 350	Turbine blading; contractors unable to prevent blading from bending in riveting shrouding. D. To-- Comments. 2/4
147271	2-12	FR 558	Turbine blading; contractors claim that blading will operate satis; admit not straight.D To-- Appvs prelim acceptance. 2/18 To Bd I&S--Fwds copy above corres. 5/17

CUSHING: MAIN ENGINES.

1914

Number.	Date.	From or To--	Subject.
125858	5/23	FR 1769	Oil cooler connections for: fwd's plan.D FR 6/9 reqst action.D FR 6/25 reqst action.D FR reqst action 7-13 FR reqst action 7-28 FR reqst action 8-13 To---action being withheld. 8/18 To--- Appvd. 8/22
126510q	6/3	FR 1842	Turbines: drum rims, nozzle holders, buckets, etc - 34 to 41 stages: fwd's plans.D To---appd. 6/12.
127646	6/14	FR 1974	Curtis turbine: fwd's prints of 1st stage wheel ahead.D To---appd. 6/22.
127723	6/15	FR 1973	Intermediate buckets and loss for 1st stage ahead and 1st stage reverse: fwd's plans.D To - appvd. 6-23
128334	6/23	FR 2048	Fwd's print showing standard dimensions of rootings, bands, tenons, channels for buckets and nozzles of main turbine.D To---appd. 7/6.
126364	6/24	Bd on Chgs	Lubricating oil settling tank: est inc cost.N To FR appd. 6/26. Fwd C&R. 7/22/
128600	6-26	FR 2107	Blading, Curtis turbine: plan.D To---appd. 7/6.
130739	7/24	Conti, A. T	DUNCAN: cause of break down not definitely ascertained: making careful inspection: suggests substituting drums of CUSHING in order to keep ship in service while new drums are being built.

516-9

CUSHING: MAIN ENGINES. 543-9

Number.	Date.	From or To--	Subject.
✓ 132816	8-22	FR 2759	Turbine casing: fwds measurements; reqt slight deficiencies be waived; pressure test satis. DS. To-- Appvd. 9/1
133948	9-3	FR 2874	Turbine blading: plans. D. To-- Disappvd. 9/26 To-- Instructions. 10/10
132870	9-24	FR 1542-14	Drum spider, forward end, fwd plans. To-- Appvd. 9/24
✓ 136980	10-12	FR 3281	Turbine blading: Inspector recommends against channel method of installing. D
137052	10-14	FR 3290	Reqt reconsideration of decision on blading. D To-- Appvs with comment. 10/17
137585	10-17	FR 3332	Turbine casing: fwds print showing addition of by-pass governor. D To-- Appvs. 10/31
137586	10-17	FR	Turbine casing: modified print. D To-- Gives corrections. 10/31
✓ 138996	11-6	FR 3536	Turbines: reqt authority to paint with Apexior paint. D To-- Appvs. 11/14
139234	11-9	FR 3551	Reports on yard test of crusing turbine. D

CUSHING: MAIN ENGINES. 543-9

Number.	Date.	From or To—	Subject.
119222	3-3	FR 713	Rielly multi coil oil coolers; plan.D To---appd as mod.3/16.
119938	3-12	FR 835	Engine room; floor plates; ladders, gratings, s., print. D To---appd.3/28.
120743	3-24	FR 9747	Estimated increased cost for lub oil settling tank. D To---appd.---To Gen Inscr.3/30.
121093	3-28	FR 1035	Relief valves for turbine stuffing boxes;b/p.D To---one print missing; reqst.4/4. FR reqst action 4-27. To---fwd copy of letter of Apr.4th. 4/30. FR constitute full set 5-2 To---appd.5/5.
121369	3-30	FR 164	Fwds modified prints of drains for. D To---appd.4/10.
122129	4-9	FR 1224	Horse shoe thrust rods for curtis turbines; print.D To---not appvd 4-21
122225	4-10	FR	Throttle valve; reqt waver excess lead.s To---acceptance reluctantly authorized. 4/16. FR 4/23 Corrects pounds pressura.S
124845	5/11	FR 1611	Special relief valve 2-1/2". Fwds prints.D To---appd.6/5.
125142	5/16	FR 1653	Turbine casings, port main; fws prints.D To---appd.6/2.

CUSHING: MAIN ENGINES.

1913

Number.	Date.	From or To—	Subject.
111621	11-29	FR 3766	Cruising turbine: fwds print showing steam drains for stuffing boxes. (Dunn gen) To---apd. 12/8 FR fwds additional print 12-12
111622	11-26	FR 3767	Bearings for Curtis cruising turbine: print.D (Dunn gen) To---apd. 12/8 FR fwds additional prints 12-12
113612	12-23	FR 4022	Oiling gear for engine: print.D To---apd as mod. 1/16 To---apd. 1/16
113613	12-20	FR 4048	Fwds revised print of first stage wheel.D
113791	12-26	FR 4103	Lub oil settling tank: print.D To---apd. 1/12.
116605	1-31	FR 396	Oil drain tank for lub. system: fwds plan.D To---apd as mod. 2/7
118709	2-26	FR 660	Main turbine: all work on blading held up; are considering replading turbines through-out.D
118993	3-2	FR	Oiling gear: installation of drain tank will allow forced lubrication on line shaft bearings.D To---ring oiler spring bearings will be installed. 3/19.

CUSHING: MAIN ENGINES. 543---9

Number.	Date.	From or To--	Subject.
✓ 107753	10/11	FR 3134	Arrest of oil cooler, settling tank, and drain tanks: fws print.D To---appd; request est of inc cost.11/5
✓ 110257	11-12	Bd on Changes. FR	Spares parts for turbine engine; carbon packing; inc cost.N Fwd Dept rec appr.11/15 RE To FR.appd.11/20.
✓ 110536	11-14	FR 3556	Reduction gear for cruising turbine; fws list of.D Fwd C&P.12/22.
✓ 110541	11-15	FR 3571	Bielly multi coil oil cooler; print.D To---appd for type only.11/18
✓ 110938	11-20	FR 3621	Reducing gear for cruising turbines; contra comment on reqt for modification; submits print.D To---comments.11/26
110998	11/19	FR	Duplex suction strainer for lub. oil pump; 543--15
✓ 111495	11-26	FR 3703	Main air pumps; fws print and index list.D
✓ 111505	11-26	FR 3741	Curtis turbine; fws print.D To---appd as mod.12/6

CUSHING: MAIN ENGINES:

1913

Number.	Date	From or To	Subject.	
✓ 106840	9-29	FR 2982	Cruising turbine: fwd's print of steam chest covers, etc. D. To---appd. 10/14	
✓ 106838	9-29	FR 2983	63" turbine: lagging for; b/p.D To---appd. 10/9	
✓ 106860	9-29	FR 2987	63" turbine: fittings for drain, stuffing boxes, casings, etc. D. To---appd. 10/17 To---recalls approval; requirements. 12/22.	
106848	9-29	FR	Cruising turbine: lagging for; b/p.D To---appd as mod. 10/9	
106839	9-29	FR 2985	Cruising turbine: oil inlet for dis-connecting clutch; b/p.D To---appd. 10/14	
✓ 107187	10-2	FR 3030	Details of gratings and hand rails in engine room. D. To---appd. 10/25	
107622	10-9	FR 312	Astern throttle valve and clutch operating gear; print. D. 10 -- appd 11-6	
107624	10-9	FR 2133	Ahead throttle valve and handling gear; b/p.D To---appd. 10/24	
108708	10-23	FR 3246	Submits estimated inc. cost due to spare carbon packings for turbine. D. To---appd. To Gen Insp. 10/28.	
109437	11/4	Conti, A	Re necessity to made changes to	637

CUSHING: MAIN ENGINES.

1913

Number.	Date.	From or To--	Subject.
101809	7-15	FR 2143	Cruising turbines; fwds print of stuffing boxes, steam chest cover, etc. D To---appd as mod. 7/28.
✓ 101937	7-17	FR 2171	Reduction gear; plan. D To---design not suitable. 8/5
✓ 101939	7-17	FR 2174	Main and cruising turbines; casings for; print. D To---appd as mod. 7/25.
✓ 102108	7-21	FR 2232	Steam chest cover; and strainer for turbine; fwds print. B To---appd. 8/5.
102271	7-23	FR 2242	Back casing for upper half turbine; b/p. D To---appd as mod. 8/5.
102408	7-26	FR 2310	Lub oil tanks; brass oil pans for; print. D To---appd. 8/5
✓ 102750	7-30	FR 2357	Cruising turbine; fwds b/p. D To---appd as mod. 8/6.
✓ 102206	7/22	FR 2240-Q	First stage Nozzle, fwds print. D To-Appd 8/4
103595	8-12	FR 2513	Steam chest for back head; bp. D To---appd as mod. 8/18.
✓ 104147	8-20	FR 2585	Friction clutch; print. D To---a. pd. 8/26

CUSHING: MAIN ENGINES: 543-9

Number.	Date.	From or To--	Subject.
104182	8-21	FR 2596	Recommends disapproval of air cooler for lub. oil.D. To---directs independent oil coolers be installed.8/26
104384	8-23	FR 2617	Basket strainers for back head main turbine; print.D To-- appd 8/29
104762	8-27	FR 2676	Cruising turbine; exhaust connection:b/p.D FR reqt. action 9-12 TO -- appvd as mod 9-12
104761	8-28	FR	Cruising turbine; shaft and distance piece; print.D Reqt. action 9-12 TO -- a.pvd 9-12
105838	9-13	FR 2835	Sw-a Fwd main and thrust bearing for 30" turbine.D. Print. To---requirements.10/4
105638	9-12	FR 2832	Handling gear for turbine;b/p.D TO -- appvd 9-30
106479	9-24	FR 2938	Arrgt. reduction gear and clutch for cruising turbine: b/p. D. To---appd.10/14
106646	9-26	FR 2980	Reduction gear; cruising turbine; re-submit print.D To---appd as mod.10/14 To--Submit estimates for. 6/18/15

CUSHING; MAIN ENGINES.

1913

Number.	Date.	From or To—		Subject.
✓ 98510	5-28	FR	1673	Engine rooms: fwd's prints showing arrangement of machinery.D To---appd.6/10.
✓ 98685	6-2	FR	1722	Nozzles and holders 5th to 17th stages;b/p.D To---appd.6/9.
✓ 98687	6-2	FR	1721	Back casing lower galf; b/p.D To---appd as mod.6/9.
98688	6-2	FR	1720	Nozzles and holders; b/p.D To---appd.6/9.
✓ 98857	6-4	C&R	29212)E.3	Engine foundations; fwd's plans.D To FR plan satisfactory.6/18. Ret---6/18.
✓ 99314	6-10	FR	1800	Sub. drain and cooling tanks; b/p.D. To---appd as mod.6/26.
99315	6-10	FR	1799	Turbines; nozzles and buckets. prints.D To---appd.6/26.
✓ 99494	6-13	FR	1832	Turbine casing; manhole and handhole covers; b/p.D To---appd.6/26.
99682	6-16	FR	1857	Fwd's print showing dimensions of buckets for 30" turbines.D To---appd.6/21.
✓ 99932	6-19	FR	1870	Fwd's print to be attached to order for turbine parts.S

CUSHING: MAIN ENGINES: 543-9

Number.	Date.	From or To—	Subject.
100100	6-21	FR 1896	Turbine lifting gear: details: b/p.D To---appd. 7/5
100105	6-21	FR 1897	Arrangement blading: b/p.D To---appd. 7/5.
100099	6-19	FR 1865	Fwds genl arr. plans 63" turbine.D. To---appd. 7/18
100095	6-21	FR 1898	Worm bracket for turning gear: b/p.D To---appd. 7/3.
99313	6/10	FR 1801	Turbine casings: fwds prints.D To---appd. 6/26.
100421	6-24	FR	Stuffing boxes for front and back header, turbine: prints.D To---appd. 7/18
100546	6-26	FR 1963	Arr. reversing stages: print.D. To---appd. 7/18
101183	7-8	FR 2073	Arr. of lifting gear: b/p.D To---appd. 7/18
101184	7-8	FR 2069	Tanks in engine room for lub oil and waste, print.D To---appd. 7/18
101292	7-10	WAR 29637-E.1	Engine hatch: b/p.D To---appd. 7/18
✓ 101670	7-15	FR 2148	Turbines: recommends 6 sets of carbon packing be allowed for each box. b To---requirements. 7/23.

CUSHING: MAIN ENGINES.

Number.	Date.	From or To--	Subject.
94684	4-9	FR 1042	Main turbine horseshoe stuffing box: b/p.N. To---appd. 4/23
94681	4-9	FR 1050	Main thrust bearing: b/p. To---appd. 4/23
95141	4/14	FR 1103	Intermediate segments and holders: fwsd prints with comments.N To -- appvd. as mod. 4-24
95142	4/15	FR 1131	Bucket diagram for Curtis turbine: fwsd. Print.N To---appd. 4/23
95145	4/14	FR 1104	Turbine wheels: fwsd prints with comments.N To -- appvd. as mod. 4-24
95233	4/16	FR 1153	Cruising turbine: fwsd prints of 2d to 7th stage nozzles.N To---appd. 4/28.
95958	4-24	FR 1245	Casing for turbine: b/p.N To---appd. 5/9.
96248	4/30	FR 1313	Blading material: fwsd letter from con- tractors requesting authority to change composition of.N To---appd. 5/5.
96356	5/1	FR 1331	Arrangement of turbine and deduction gear foundation: fwsd prints.N To---appd as mod. 5/16.

CUSHING: MAIN ENGINES. 543---9

Number.	Date.	From or To	Subject.
96673	5/5	FR 1377	Intermediate casing of turbine; fwds print.D To---appd.5/15.
96764	5/6	FR 1388	Bucket diagram for auxiliary turbine; fwds print.D To---appd.5/15.
96760	5/6	FR 1387	Bucket diagrams for turbines; fwds prints. D To---appd.5/15.
96907	5/7	FR 1404	Front steam chests of main turbine; fwds print.D To---appd.5/15.
97070	5-9	FR 1419	Turbine drum 2nd to 10th reverse stages; b/p.D To---appd.5/26.
✓ 97249	5-12	FR 1461	Bucket diagram; b/p.D. To---appd.5/16.
97239	5-12	FR 1459	Reverse nozzles and holders 10th stage; b/p.D To---appd.5/16.
✓ 97343	5-13	FR 1473	Intermediate segments, 1st to 7th stage; b/p. D. To---appd.5/28.
97342	5-14	FR 1469	1st stage reverse wheel; b/p.D To---appd.5/26.
98373	5-27	FR 1661	Main turbines; 2nd stage; details of drum rings and buckets; b/p.D. To---appd.6/5.
97340	5/13	FR 1472	Details of drum ring and buckets, reverse stages; b/p. D To---appd.5/29.

CUSHING: MAIN ENGINES:

1913

Number.	Date.	From or To	Subject.	
89872	2-7	FR 375	Fwds print of 2nd and 3rd stage wheels for Curtis turbines; N To---appd. 3/20.	
89874	2-7	FR 376	Turbine shaft & coupling for 42nd stage; b/p. N To---appd. 3/21.	
90170	2-11	FR 413	Curtis turbines; fwds prints of drums; N To---appd. 3/20.	
90253	2-11	FR 425	Bucket diagram ahead and reverse stages; b/p. N To---appd. 3/20.	
89792	2/17	To C&H	Changes in Turbine casings involving inc. of penalty weight.	543--1
90968	2-20	FR 525	Turbine nozzles; 3rd stage; b/p. N To---appd. 3/20.	
91130	2/24	FR 558	2d and 4th stage nozzles; fwds prints. N To---appd. 3/20.	
91655	3/5	To Pitts.	Reduction gears; factory inspection waived.	3
92882	3-18	FR 790	Thrust horse shoe for Curtis turbines; rect. approval of plans similar to test for DUNCAN; N To---print should be submitted. 3/21.	
89875	2/7	FR 374	Bulkhead stuffing box for line shaft; fwds plans. To---appd. 3/20.	

CUSHING: MAIN ENGINES: 543-9

Number.	Date.	From or To--	Subject.
93153	3-22	FR 831	Reqt. approval of plans for ahead nozzle 1st stage approved for DUNCAN. N TO -- appvd. 3-21 Practice of reatn approval by plan numbers not appvd. 3-25
93487	3/25	FR 886	Fwds prints of 2d, 3d and 4th stage diaphragms. N To-- appd 4/16
93486	3/25	FR 885	Fwds prints showing bushings and distance pieces on turbines; N To-- appd 4/16
93759	3-28	FR 915	Turbines; turning gear; fwds print. N To--appd 4/16
93761	3-28	FR 910	Turbines; fwds print of covers for main and thrust bearings. N To--appd 4/16
94036	4-1	FR 951	Turbines thrust horseshoe for; b/p. N To--appd. 4/23
94029	4-1	FR 952	1st stage ahead nozzle; main turbines; b/p. N To--appd. 4/23
94200	4-3	FR 991	Turbine casings; b/p. N TO -- apvd. as mod. 4-24
94680	4-9	FR 1051	Main turbines; fwds and after main bearings; fwds b/p. N To--appd. 4/23
94686	4-9	FR 1054	Bearing supports for front and back heads, main turbines; b/p. N To--appd. 4/23

CUSHING: BOILERS: ETC.

-1920-

Number.	Date.	From or To--	Subject.
492530	5/8	Norf	Reqt van dykes showing installation of lower drums and tubes - D
496308	5/26	Norf	Reqt print showing drilling of steam and water drums - D To I.M. Norf Fwd. Photoat-- Boiler tube layout 6-1
506417	7-28	To L. NY	Reqt cost of blowers which were instld under job order as summary of cost apparently includes instln. W. R. es C. NY-report on cost-8;11-C
563716	5;10	Boston	Revises estimated date of completion from August 1 to Oct 1 D
4777-1	7/12	Seehead 8	To -costs Auths that work on job order to complete manufacture of boilers Yd 7/12

CUSHING: BOILERS: ETC:

Number.	Date.	From or To—	Subject.
349268	9-15	Breast	Copy request amount of coil be increased from 40 to 100 for purpose of supplying water vessels Y
357680	10/8	Bost	Lists boiler material recd at Yd for - Y
365287	1/11	West	Confirms telephone conversation requesting status of boilers being made for - Y
384437	1-13	To Boston	Phone - Status of construction - new boilers To - Bureau - Phone - request retubing of boilers recon CUSHING be sent to Boston for work Reqt. investigation 1-13
405089	3:20	Boston	Reports error in drilling holes; fuds prints showing and gives method of coiling. Req. confirmation D To - Draw is notified in accordance with recommendations. 1-17
407158	3:26 3:31	NY C&R	Desirable repairs on stack of subbits pencil sketch with record for Y C&R - 4-17 C&R - 5/17
415760	5-8	CO Fwd Insp Hart. 5-10	Reports on defects in Terry Blower Engines as recd from store - D r b 5-15 Fwd CO. 5-16 Fwd I.A. Ny. 5-22 R B 5/31

543-10: CUSHING: BOILERS:

Number.	Date.	From or To--	Subject.	
235839	11/4	To Comdt Boston	Mfg of boilers for CUSHING discontinued	612
475948	2:10	CO	Submits report on condition of water drums on boilers. D To CO-boiler safety valves will be set at 195 lbs pressure-2:26	
477741	2:13 2:20	CO NY	Request authority to reduce pressure of safety valves. Y&D To IM NY- advise result of tests and recs for final instructions 3/25 To Operations. copy to COComdr reduced Des Re- Harve-Boston and I.M. Ny. Recommends vessel be placed out of commission until repairs are completed. 3-22 Fwds section cut from wrapper sheet of No. 2 boiler-calls attention to pitting and recommends wrapper sheet of all Yarrow boilers of more than two year service be drilled by examination. Y NY-fwds section of blade taken from port water drum of Yarrow boilers installed on with recommendations. 3:18 To Phila-Repts fwis samples of drums from destroyers listed. copy to CO's. 4-24 Phila-5:4-Y&D	
482208	3:16	NY		
483972	3:24	Boston	Confirms telephone conversation requesting Bureau fwd boiler drawings. Y	
477741	see above	Dept	Instructions in connection with placing vessel out of commission due to extensive repairs to boilers-3:30-Y Boat - arrangement of boiler tube lay out for boiler drums - fws prints with comments - 3/31 - Y To Boston (T) Ask to Fwd co all corr on file re: constrn new boilers CUSHING 1/29/21	
		To Boston constrn of boilers authd 2/10/21 Boston-ask when boilers will be ready for installation-3:21-Y Boston-4:7-Y To Boston Dept will be modified as listed 4/20 To Boston Fwds Vandyke 4/29		

CUSHING: BOILERS: ETC.

Number.	Date.	From or To -	Subject.	
304967	1/19	Boat	Confirms telephone conversation in connection with manuf. of spare boilers for re renewal of condenser tubes on RHODE ISLAND - Y	
Norf-122	5/10	To Philadelphia	Reqs name of manuf. & location Keith fans for USS CUSHING.	629
307516	5-17	Insp R FR T	One water drum backhead condemned on account of bad workmanship - request to ship one to replace. Request ship one steel plate from Norf to Insp R. 5-17	
122	5-10	Phila	Reqt name of Manuf and location Keith fans for USS CUSHING	629
309603	5-27	Insp R FR T	Request immediate shipment from Norf of 1 water drum tube sheet and 1 steam drum front head. Y Phone F R Rosting information re new water drum tube sheet and steam drum front, 5-24 Phone F R, re new water drum tube sheet and steam drum front head for boilers, 5-25 To S&I. Rst shipmt steel plates from Norf. to F R. 5-25 Insp R. 5-24 F R - Rals call of 7/20	
defective water drum tube sheet and steam drum front head 5-5 by disposition of defect- 5-13 Insp R FR - describes flow in D of defective ship of boiler tubes for CUSHING 7-15 To Insp R, rst inform re progress on spare boilers, 8-16				

1:10

Number.	Date.	From or To—	Subject.
✓ 325390	7-10	Boston	Confirms telephone conversation stating no recall of forced draft blowers for Y
✓ 327045	7-17	To CO	Rest shipment forced draft blowers from NY to back Dec. 3 To NY, Re-shipment of forced draft blowers for 8-8 To CO, Repts shipment of forced draft blowers, 11-25 To CO, Repts shipment of forced draft blowers, 11-24
✓ 326790	7-25	CO	Submits report unsatisfactory condition of main drums of boilers due to pittings - Y
✓ 341368	8/22	Insp'r FR	Boiler mat'l for: will use boiler drum wrapper plates now in plant for destroyers 251 Cl 125 - D&A to Insp'r FR. Procedure set for 10-2-2
349174	9-17	Phone Norf	Evaporator c 11s; comments on same Y

843 — 10 CLOSING: FOR THE YOC:

Number.	Date.	From or To—	Subject.
288750	3-22	SEA JVL	Phosphor- Yd a vised steel plates ship ed in March 20/19 Fwd Naval Academy- fws samples/ 5-28 RB 4-3. SEA - 11/4 Fwd SEA via CAR. 11-19/19 RB fr Insp'r PH-10:6:20-R Fwd SEA. 10-7
294215	3-29	Insp'r FR	Rejused tube sheets - have turned over to contractors to make experiments. D
301176	4-24	Insp'r FR	Rejected drum plates - contractors request authority to use. D (E letters) To (M) - Your letter 24th rejected drum plates. Hold plates pending further information from the Bureau. 4-27 To - Rejected plates property of Carnegie Steel Co. 4-28 To - Directors have FR take up with Carnegie Co re compensation for plates. 4-3 FR - recommends Norf purchase three other plates and that P.C. purchase same from Yd. 5/7 - D To SE - Repts accept contract price. 5-11 To FR. 5-11

CUSHING: BOILERS: ETC.

1917

Number.	Date.	From or To—	Subject.	
✓ 233490	6/9	S&A	Reports that I. P. Roosa has recd from Sheldon Co Canada four cases of blower wheels - asks NY test and ship D	
✓ 233319	6/12	To Terry Co	Reqt certain information re Keith fans purchased under reqn 185. D Terry Steam Turbine Co - gives dimensions 6/13D	
235839	6-28	To FR Co.	Ask how soon after delivery of water drums and other material can complete manuf of four steam drums and drill them.	612
235839			Boston - will duplicate plans for CUSHING boiler at yard. (Cross to CUSHING 10)	612
✓ 239659	7/3	OO	Evaporator shells and coils - request renewal Y Griscom-Russell Co (T) have wired works 7/23 To Griscom Russel Co—(T) Ask cost and time furnish two evaporator shells for. 7/23 Co (T) submits price 7/25 Griscom-Russel Co - confirms quotation 7/25 D To CO—7/26	
1278	10-5	NY	Fans for CUSHING: fws copy of contract; material delivered June 19th, shipped July 18th.	629

543 -- 10 : CUSHING: BOILERS ETC:

Number.	Date.	From or To	Subject.
260214	11-12	To Boston	New boilers-Fwds plans. D To- New drawing is being prepared and will be fwded as soon as completed. D
264307	12-1	To S&A	Recd shipt 2 evaporator shells from Ny to MELVILLE CUSHING & DIXIE. D NY 12/19 D To- Inform on vessel shells were shipped/ 4-5 To S&A 4-10 FR 4-16. D States "in doing end of reduction gear root from S&A to replace defective gear furnished by C & D Co - will call on 13- in morning.
264015	12-3	Is Copy	
265115	12-5	To S&A	Recd shipt 2 forced draft blowers fans. from Norf to D
265208	12-5	To FR T To Boston Mass-Obtain from FR approximate date steam and water drums for these boilers will be ready for delivery Boston and inform on what date you estimate these boilers will be completed Bost - fwds copies of corres- 12-31 pondence 1/16 - Y	Do not drill tube holes in steam drums new boilers until receipt new plans. Bureau. 12-5 D To- Inform on vessel shells were shipped/ 4-5 To S&A 4-10 FR 4-16. D States "in doing end of reduction gear root from S&A to replace defective gear furnished by C & D Co - will call on 13- in morning.
266687	12-15 FR - 12/26	To Mass	Main boilerd fwd plans/ D To Fr-12-15 fwd plans 12-15 FR - prints not recd - 12/19 D

CUSHING: BOILERS: ETC.

1915

Number.	Date.	From or To—	Subject.
✓ 158677	6/19	FR 2350	Additional distiller; relative to location of and piping for.DC To-- See 145464-545-10. 6/24
159658	7-1	FR	Ball bearings for blower turbines; plan.DC To-- Appva. 7/9
160553	7-13	FR	Re inability to maintain sufficient air pressure in fire rooms. To-- Decided to put fire rooms under pressure as a test for tightness. 7/15 FR explains 7-17
✓ 161418	7-21	FR	additional distiller; est inc cost.DC To-- Change auth: 7/29
161516	7/24	FR	To Gen Insp--7/29 fwd C&R form 135 12-14 Capacity of feed heaters; recommends acceptance of subject to service test.N To--Auth acceptance. 7/31
✓ 162118	7/29	FR	Installation of master valves for controlling boilers; est change in cost.DC To Change expyd. 8/7 To Gen Insp--8/7 fwd C&R form 135 12-14
162776	8/5	FR	Forced draft blowers; fwd copy of letter to EO relative to possible trouble with.DC To -- not replace 8-12
164070	8-21	FR	Reports number of hours boilers have been in operation.DC
167712	10-1	CO	Smoke stack guys; reqt permanent ones be fitted.Y
172565	11-29	Ed on Changes, New Lon	Installation of master valves for controlling blowers. Inc cost. N

CUSHING: BOILERS. 542-10

Number.	Date.	From or To—	Subject.
172563	11-20	Bd on Changes FR	Installation of additional distiller and piping; inc cost
✓185393	4-19	CO	Reports on unsatisfactory condition of forced draft fans. Y CO--Instructions. 4/22 CO recommendations for improving 4-24
✓186997	5-2	FR	Forced draft blowers; contractors, and inspectors comments; CO request new blowers; question of responsibility to be settled later. N Fwd Bost--Examine and report on. 5/10 RB 5/18 To Bost--CO--Instructions. 5/19 CO blowers overspeeded due to request Bd IES 5-26 Fwd Dept protests against Bd reqt and action 6-2. RB 6/24 Fwd Dept--Noted. 6/24
218055	3/14		Re t shipt of 4 forced draft blower fans, from Bost to NY for. D
219363	3-15 3-23	CO NY	Perforate baffle plates of filter tank to permit use of Looia sponges. D To NY--Appvs. 3/26
221686	4-8	NY	Forced draft blower foundations; fws letter from Terry Co quoting price and time of delivery. Y To--Reqn has been made for fans. 1/12
✓221723	1/9	To CO	Lists work both on boilers of. D

1917

CUSHING: MAIN BOILERS.

1914

Number.	Date.	From or To—	Subject.
118446	2/25	To FR	Trimming tanks; desire be fitted with piping for carrying fresh water for reserve feed purposes. Reqt est. charge in cost. D
125514	5-23	TO NYB	Increase in height of smoke stack; submit inc cost. D
127624	6/15	FR 1983	Fitting trimming tanks for reserve feed water; have canceled order. D
129710	7-10	FR 2248	Increase height of smoke pipe; inc cost. D To---appd.---To Gen Insp. 7/15.
141570	12-7	Ad on Changes, FR	Increase in height of smoke pipes; inc cost N Fwd Dept-- Rec appvl. 12/10 To--- Fwd copy report, appvd. 12/17 FR reqt action 5-6 To--- Fwd copy report. 5/10
145446	1-23	FR	Distillers; prelim estimate for installing additional D. To---Gives location of distiller. 6/12 Fwd Dept-- Rec appvl. 1/26 To---Have reft to Dept for appvl. 1/26
145464	1-23	FR 279	Additional distiller; fws plan. D To--- appvs. 2/8 To Gen Insp-- 2/8
145676	1-26	FR 316	Fit trimming tanks for carrying reserve feed water; estimated increased cost. D. To Gen Insp-- 1/30 To--- Change appvd 1/30

CUSHING: MAIN BOILERS. 543-10

Number.	Date.	From or To--	Subject.
151431	4-3	FR 1186	Defective boiler tubes: fwsd method of milling ends. DC To-- Appvs. 4/7
153176	4-23	FR	Reqt endurance test of boilers be made with 1/2 to 1/4 pressure in excess of working load. N To--Instructions. 4/29
153775	4-29	FR	Boiler tests: recommends test be made with stop valves at 1-1/4 times working pressure. DC To--(1) Test 1-1/4 pressure. 5/3 To--Instructions re test of. 5/3
154409	5-6	FR 1721	Reports on pressure test of boilers: contractors reqt acceptance: slight leaks; recommends acceptance. DC To--Appvs. 5/11
154739	5-20	FR 1769	Test boiler casings: for air tightness. DC To--Reqt enclosure; not rec'd. 5/13 FR agrees to make test after trial trip 5-14 To--Tests will be made after trials. 5/18
155910	5-24	FR 1994	Blowers: spare bushings for bottom bearings: inc cost for if additional are required. DC To--Four required; inc cost not allowed. 5/3
155911	5-24	FR	Change in blower control. DC To--Appvs: submit est for, 6/3
156296	5-28	FR 2045	Additional distiller; inc cost. DC
158498	6-18	Bd on Changes. FR	Installation of add distiller, inc Fwd Dept-- Rec ally/ 6/23 RB 7/3
158509	6-18	To FR-- 7/5 ditto	Fitting trimming tanks for carrying reserve feed water. To FR--6/23

CJSFING: MAIN BOILERS.

1913

Number.	Date.	From or To—		Subject.
98565	5-31	FR		Feed and filter tank; fwd's prints.D. To---appd as mod.6/6.
100102	6-20	FR	1882	Feed and Filter tanks: b/p.D To---appd.7/11.
101671	7-15	FR	2144	Standard boiler fittings: reqt. approval of plan for drift pin, expanders, etc.D FR reqt. action. 8-9 To---appd.8/9
102030	7/22	To FR		Addtl spares for evaporators and distillers on purchase order 78237; re inspection at place of manufacture. S Fwd Pitts.7/29. RB 8-1
103600	8-13	FR	2520	Air dampers for Yarrow boilers: reqt. authority to omit air holes. S To---appd.8/19.
✓ 105318	9-5	Phila	358	Fire brick; recommends factory inspection be waived due to distance. S TO M-1s Phila inspect at Fore River.9-11
✓ 105829	9-10	FR	2798	Boiler tube sheets: fwd's print showing holes drilled out of place: recommends approval of request to plug same. D To-- appd 9/27
✓ 107183	10-2	FR	3033	Lagging of drums on Yarrow boilers: b/p.D To---appd.10/25

CUSHING: MAIN BOILERS. 543-10

Number.	Date.	From or To—	Subject.
✓ 107189	10-2	FR 3029	Arrgt floor plates in fire rooms.D To---appt. 10/25
107623	10-9	FR	Ladders and gratings in fire rooms: b/p. D To---appt as mod. 10/25
108258	10-17	FR 3186	Omission of zincs in boilers: dec. cost. D To---appt. 10/28. To Gen Insp. 10/28.
✓ 109907	11-10	FR 3383	24" turbine blowers: submits plans. D To---appt. 11/14 FR reqt action 11-14
✓ 110261	11-12	Bd on Changes, FR	Omission of zincs in boilers: inc. dec. cost. N To FR appt. 11/15 Fwd C&F. 12/22.
110666	11/18	To FR	Evaporators (Reilly): Plans received without letter. Request letter. D FR plans sent thru error reqt be sent to Pitts 11-21 To Insp. Pitts. 11-24
✓ 112578	12-9	FR 3913	Ladders and gratings in fire rooms: b/p. D Fwd C&F. 12/17 & R 12-28 To---appt as mod. 1/3
✓ 118347	2-21	FR 1911 636	Forced draft blowers: offers to change faces from class B to class Q plate without extra compensation. D To---appt. 2/26.

CUSHING: MAIN BOILERS.

1913

Number.	Date.	From or To—	Subject.	
88519	1-23	FR 207	Main boilers: fwds prints. N. FR rect. action. 2-19. FR rect. action 5-13 To---appd as mod. 3/19.	
89559	2-5	FR 348	Amoke pipe, uptakes, and access doors: print. N To---appd. 3/20.	
90295	2-14	C&R 29212-E.1	Boiler foundat. ons; asks if ramming chocks desired. N Fwd C&R not nec. 2-15	
90776	2-18	FR 575	F-D blowers: fwds copy of order Sturtevant Co varies from Specs. N To---appd. 4/2. FR have forwarded order. 4-4	
90777	2-19	FR 514	Boiler tubes and spares: fwds copy of order with National Tube Co. differ from specs. N To---order returned for revision. 3/21. FR explains 3-31 To---order appd. 4/7.	
90921	2-21	FR 545	Evaporators, distillers, and feed heaters: fwds copy of orders Griscom Russell Co. N. To---appd. 3/21. FR 3/22.	
90922	2-21	FR 547	Feed water heaters: fwds copy of orders to Griscom Russell Co. N. To---appd. 3/21. FR fwds revised order. 4-3 To---Order appd. 4/8.	
91852	3/5	FR	6" standard figures for, fwds prints of those proposed for:	612
91850	3/5	FR	Standard tube plugs and drift pins for same, fwds prints:	612-3

CUSHING: MAIN BOILERS: 543-10

Number.	Date.	From or To--	Subject.
93286	5-22	FR 845	Fwds cross section plans fire rooms.N. To-- appr subject to detail 4/16
✓ 93611	3/27	FR 903	Water gases for main boilers; requests type plan of Dewrance and Wall's type.N To--fws prints.4/7.
✓ 95954	4-26	C&R 29212-E.2	Boiler foundations; b/p.N Ret---plan satisfactory.5/10.
96004	4-26	FR 1271	Evaporators and distillers: N To--apd as mod.5/9
215	4/28	Falk Co.	Reqd distilling capacity be in- creased to 3750 gals per 24 hrs. 1/9 Herring bone grates, reqd Bu.specs covering inspn of. 629
96501	5/2	FR 1345.5	Evaporator feed heater; fws print.D + To--apd 5/12
96500	5/2	FR 1340	F-D blowers; fws prints.D To---apd.5/15.
96758	5/6	FR 1395	Feed water heater; fws Griscom-Russell's plans.D To-- apd 5/12
✓ 98066	5/23	FR 1619	Evaporators and distillers; request that specifications for spare parts be revised.D To---not apd.

CUSHING: AUXILIARY MACHINERY.

1915

Number.	Date.	From or To—	Subject.	
145448	1/23	C&R	Assigns motor dory 2216 and sailing launch 2095	611-2
170824	11/10	To CO, Bost, N or f	Motor dory 2216; motor sailing launch 2095; re number plates	611-2
193778	7/17	To NO	Motor sailing launch 2095; asks number of engine installed in	611-2
338571	8/19	To CUSHING	Re differences betw numbers of engines and hulls on board from Bu records	611-2
		1918		
389522	11/18	To CO BOSTON.	Asks investigation re no type and length of boat reported as 40 ft and no of engine installed. Re: 389522 dated 11/18/18	611-2
82745	1/4	C & R	Asks disposition made by CUSHING of motor dory 2216 Y	611-2
389551	1/28	C&R	CUSHING motor sailer 6488 assign motor sailer 2095 to be repaired Y	611-2

CUSHING: AUX. MACHINERY

Number.	Date.	From or To.	Subject.	
387269	1/27	To CO CUSHING	Asks correction of numbers, re eng. installed.	611-2
> 396183	2/17	CO	Req. Balt. wrench and equipment for renewed Y&D	
419072	5/19	To CUSHING	Asks examination, motor dory no 4353 instead of 4853 and launch 20 95 instead of 2895 of 2995 engine in hull 4353 is no 7097 none in records 1954-A.	611-2

CUSHING: CONDENSERS.

1912 1913

Number.	Date.	From or To—	Subject.
92629	3-13	FR 728	Aux. Fwds detailed plans.N To---appd. 4/7 To---request status of work. 11/1
✓ 95577	4/21	FR 1199	Main condenser: fws prints of arrangement and details. with comments.N To--FR- appd 5/12
✓ 95829	4/24	FR 1239-1235	Auxiliary condenser tubes and sheets: contractors intend to purchase abroad, and request information relative to inspection of.N To---quotes Capt's decision re imported material. 4/29.
✓ 97821	5-20	FR 1576	Aux. condensers: asks if use of Tobin bronze for tube sheets is permissible. D To---appd. 5/26.
✓ 101523	7-14	FR 2126	Main condenser tube sheets: reqt. authority to furnish material tensile strength 54,000 in lieu of 60,000 pounds.DS To---appd. 7/17.
✓ 109481	11-3	FR 3361	Auxiliary condenser: reports status of work of.D To---instructions. 11/7
110792	11-18	FR 3612	Impossible to increase cooling surface of aux. condenser without rebuilding.D. To---will be completed as originally approved. 11/22

CUSHING: CONDENSERS. 543-12

1914

Number.	Date.	From or To--	Subject.
✓ 120029	3-13	FR	Main condenser: arret and details; objects to expanding tubes in nests rather than each tube independently. D To--no change will be made from plans as appd. 3/18
✓ 153423	4-26	FR 1525	1915 Auxiliary condenser: contractors request interpretation of conditions of under which 20" vacuum is to be maintained. DC To--instructions 4/29 To Bd I&S-- Fwds copy above corres. 5/17
161518	7/24	FR	Auxiliary condenser: fails to meet requirements; recommendations relative to. N To--instructions. 7/31
161520	7/24	FR	Main condenser: reports on condition of. with recommendations. N To--Auth acceptance of. 7/31
Bost NSA	Reqn 198	10/25 To Bost	Reqt shipt of 12 condensers to. WR
0 430993	7/7	FO	Ask if fresh water supply of condensers should be drained and filled with fresh water, when vessel goes into reserve. Y&D. To CUSHING, instruct rel care of conden while in reserve 7/12 cc to D Divn

CUSHING: HEAT: VENT: REFRIG.

1913

Number.	Date.	From or To—	Subject.
✓ 100098	6-19	FR 1878	Steam heat system: fwds arr. plans. D To---appd. 7/18
117487	2-10	G&R 29550-E.3	Ventilator cowls: print. D To---satisfactory. 2/13.
155915	5-24	F R 1993	Fire ventilators: unhandy method of closing DC Fwd C&R--Comments on. 6/8 RE 7/9
✓ 207610	11-27 12-7	TO Norf	Nickle plated steam radiators. Y Fwd Dept--Rec disappvl. 12/13 43 12-16 To Norf--Work disappvd. 12/16
✓ 220620	3-30	C&R	Ventilation: additional blowers radio room not required. W
219285	4/5	To NY	(Kreischell) One of three remaining clothes ice machines will be assigned to. 700-1

1916

-17

CUSHING; PROPELLERS.

Number.	Date.	From or To—	Subject.	
248097	9/7	FR	Fwdg propelling measurements - D	
249699	9/14	FR	Monthly report; particular reference to propellers.	543-2
252530	10-3	To NY	Spare propellers. Repts inform from whom propeller was received. Y NY - 10/10 Y To SEA- Reqt shipt of one spare propeller for from NY to NY to SEA- Ascertain present status of shipt. 3-26 NY - States propeller was shipt on Dec 8th. Y 4-15 SEA 4-19 SEA- Propeller shipped April 12th. Y 4-20	
398165	3-27	To SEA	Reqt shipt of propeller from Hamp to NY.	543-9
33128	5/7	Inaprt Milw	Wing propeller shaft forging 2372 for CUSHING class- reqt waiver of defects.	629 S.
398165	5-22	To S. O. NY	Inform if matl recd copy to CO RB 6-14 S. O. NY	

1916

CUSHING: PROPELLERS:

Number.	Date.	From or To—	Subject.	
182353	3-20	FR	Spare propellers necessary to make new pair of wheels; original assignment are to be used on TUCKER. DC To—Approvs makin' spare propellers. 3/23	
188179	5-16	FR	Spare propellers; fwds print showing defective spots; contractors request authority to fill in To—Auth acceptance of. 5/22	
189242	5-16	FR	Prelim trials; SAMPSON; reqt auth to use spare propeller	567-2
191203	6-19	Bost	Dock trial; shows poor adjustment of new thrust bearing; extension time limit to June 24.11	
193686	7/14	FR	Propeller measurements; fwds.D	
219278	3-23	To FR T	Rest contras expedite plans for stays on thrusts for and DUNCAN. FR contractors are of opinion that plans will not be necessary DUNCAN will duplicate changes being made for CUSHING 3/24.	548-14
220189	3-28	FR	Spare propeller; reports on defects in; print.D To—Rejects.3/31 FR --fwds contractors request for reconsideration of rejection of spare propeller 5/24 D To—Rejects.5/26	

CUSHING: PROPELLERS.

543 -- 14

Number.	Date.	From or To—	Subject.
✓ 221112	4/10	To Alb Kingsbury	Prints showing part of section, arrest of turbine and relation gear connections, and turbine shaft and coupling, for, with Kingsbury (T) request detailed drawings 4/11 Kingsbury (T) state amount of thrust when running reverse. 4-11 To Kingsbury--(C) gives amounts of thrusts. 4/12 To Kingsbury--(C) blue print relative to thrust bearings. 4/12 Albert Kingsbury Asks for drawings. 4/14 Kingsbury request further information relative to stuffing box 4/16 Albert Kingsbury Fwds print. 4/30 To Kingsbury--(C) 4/30 Albert Kingsbury - fwds prints of thrust bearings 4/30 D
✓ 228156	5/11	To CO T	Spare propellers not yet ready. SAMPOON'S will be available and may be used. C
230435	5/26	FR T	One spare propeller ready for delivery; reqt shipping instrns; contrs. propose Boat. 697
231626	5/31	FR	Defective spare propeller - have placed order for new H

CUSHING: PROPELLERS:

Number.	Date.	From or To--	Subject.
90174	2-11	FR 407	Arr and details of shafting: b/p. N To---apd. 3/20. To---discrepancies on plans. 1/13/14
91392	2/27	FR VOID E93	Steam pumps: fwd's order Blake & Knowles Co: plans not yet approved by Bureau. N
94978	4/5	C&R	Stern frames, struts, and after framing, b/p 543-8
95956	4-26	C&R 29334-E.2	Shaft tubes and boss frames: b/p. N Fwd C&R- satis. 5/14
104381	8-23	FR 2600	3-blade propeller: print. D To---apd 8/29
✓ 110378	11-12	FR 3507	Spring bearings for line shafting: b/p. D To---No plan received. 11/18
111002	11-19	FR 3537	Spring bearings for line bearing shaft: print. D To---apd. 12/3
✓ 115701	1.20	FR 2327	Spring bearings for line shafting: rect. authority to suspend approval of plan: does not agree with forced lubrication system required. D To---Su prefers a ring oiler spring bearing. 1/26

CUSHING: PROPELLERS. 543-14

Number.	Date.	From or To	Subject.
✓ 115702	1-20	FR 236	Propeller shafts; rect plane of hubs. D To---Su has no drawing. 1/28.
✓ 117115	2-5 2-7	Bath FR	Left hand propeller; rect deficiency in elongation be waived. S Ret FR via Bath. appd. 2/10.
✓ 125575	5/21	FR	Independent bilge pump suction; dec cost. D
✓ 134833	9-16	FR	Shaft calibration; fwds report on D Fwd Bd 135-- For its information. 9/24 9 20
144581	1-13	FR 166	Propeller measurements; fwds. D.
146846	2-8	FR 502	Propeller; fwds plan. D To---Appva with comment. 2/17
155037	5-13	FR 1853	Port propeller; reports bending one blade; recommends contractors be allowed to use on trial. N To---Appva recommendation 5/17
✓ 160701	7-14	FR	Spare propellers; rect authority to use on trial of TUCKER. N To---Appva. 7/16

1915

CUSHING; PIPING.

1914

Number.	Date.	From or To—	Subject.
✓ 127369	6/11	FR 1947	Piping for fire and bilge pumps ~~120~~ in firerooms; fwd plans.D FR reqt action 7-8 FR re t action 7-28 To--- Appvd. 8/22
128366	6/24	Bd on Chgs	Independent bilge pump suction; omission of: est. dec. cost. N To FR appd. 6/26. Fwd C&R. 7/22.
148385	2-25	FR 727	Special angle union elbows; plan. To--- Appvs with modif. 3/8
148695	3-2	FR	Steam piping; reqt permission to use annealed iron wire in lieu of copper wire for securing. covering. DB. To--- plvs. 3/8
153218	4-24	FR 1511	Evaporator drain piping DC To---Appvs recommendation. 4/28
153771	4-29	FR	Future CO reqt connection be proved for hot water in existing crews wash room. DC To---Will be made after delivery 5/6
154405	5-6	FR	Joint material for piping, flanges, etc. states can find to Bu approval of material used; work practically completed. DC To---Instructions. 5/13 FR---reqt further instructions 5/19 To---Appvs for work under SG. 5/22
154476	5-7	FR	Flanges for piping as installed with faces not grooved; can find no authority for. DC To---Appvs reqt to fit flanges for valves. 5/10

CUSHING: PIPING. 543 — 15

Number.	Date.	From or To--	Subject.
✓ 156757	6/7	FR 2116	Contractors state no use for trap replaced by drain tank; reqt authority to deliver to Govn. DC To--Auth to store trap. 6/5
✓ 158044	6-15	FR	Submits estimated inc cost for installing drain tanks in evaporator drains. DC To-- Change appvd. 6/16 To Gen Insp -- 6/17
158045	6-15	FR 3277	Contractors not required to run return line from scuttle butt to save waste water; recommends be done after delivery. DC 7/6 To--Auth after delivery. 7/6 N.S.E. Form 135 12-14
172562	11-29	Bi on Changes. ~~Now Len~~ ^{FR}	Removal of traps in evaporator drains and the substitution of two drain tanks with necessary gauge glasses; etc. Inc cost. N
174693	12/22	CO	Reqd aux exhaust be connected to steam coils of evaporator. Y To Boat--Work authorized. 12/27
181813	6-10	CO	Reports removal of bleeder connection. YD
273899	1-23	To S&A	Oil burners and air registers for-
To S&A- Inform progress of tracer. 3-4			ship of. YD

CUSHING: PIPING.

Number.	Date.	From or To	Subject.
✓ 107197	10-4	C&R 29401-E.1	Fire main magazine flooding; for fuel oil tanks, etc. print.D To FR. --- Ret C&R. satisfactory. 11/4
107621	10-9	FR 3123	Pipe fittings; fwds print.D To --- appd. 10/24
✓ 110134	11-11	FR 3500	Fibrous packing for exhaust line; submit sample for recommendation. D To --- approve use of Hudson 11/14
✓ 110553	11-14	FR 3566	Pipe fittings; fwds plan. D To --- appd. 11/25
✓ 110998	11-19	FR 3638	Duplex suction strainer for fuel oil pump; suction; print.D To --- appd. 12/2
✓ 111716	12-1	FR 3802	Pipe covering; reqt. approval as standard.D To --- appd. 12/6
✓ 113181	12-17	FR 5006	Suction and discharge piping; print.D To --- appd as mod. 1/E
		1914	

1914

CUSHING: PIPING. 543-15

Number.	Date.	From or To--	Subject.	
115735	1-20	FR 216	ARRG water service: fwds plan.D To---appd. 1/28.	
116989	2-4	FR 430	Steam and exhaust piping: fwds print: invites attention connection for Gen set.D To---appd as mod. 2/28.	
118157	2-16	FR 585	Drain piping for traps: reports omission of separate hp and lp trap discharge main.D FR reqt action 3-4 To---appd with mods. 3/18	
120716	3-21	FR 948	Steam and exhaust piping: fwds print showing arrangement aux. exhaust connections to main turbines. D To---appd 4/7.	
122133	4-9	FR 1204	Fresh water suction piping from trimming tanks; print.D Fwd G&R --Bu. will direct that no copper pipes be used in fuel oil tanks, but steel 4/21 FR reqt action 4-27 To---appd as mod. E/4.	
125572	5/21	FR	Connections for copper tubing for steam, vacuum and hydrostatic gages p	543-24
125575	5-21	FR 1740	Independent bilge pump suction: inc cost. N TC Insp & Genl Insp 5-25	

1913
1512

CUSHING: PIPING.

Number.	Date.	From or To—	Subject.
93765	3-28	FR 911	Expansion joints and fittings for main steam line: fwsd b/p D. To---appd. 4/15.
97245	3-12	FR 1462	Main and exhaust piping; b/p D. To---appd. 5/16.
✓ 98072	5-7 5-23	Bath FR	Reqt. authority to substitute class B boiler plate in lieu steel flanges for piping. D. To Bath via FR. appd. 5/29.
100101	6-21	FR 1899	Steam and exhaust, suction and discharge piping: plan D. To---appd. 7/3.
101182	7-8	FR 2072	Fittings for steam and exhaust piping: b/p D. To---appd. 7/18.
101710	7-15	FR 2141	Suction and discharge piping in fire rooms: fwsd plans and recommends modification to aux. feed pump discharges. D. To---appd. as mod. 7/29.
✓ 102396	7-25	FR 2294	Fibrous packing for piping. D. To---use of "panabill" appd. 7/30.
✓ 102896	8-1	FR 2394	Steam & exhaust piping in fire rooms; b/p. D. To---appd. 8/8.
✓ 102864	7-31	FR 2367	Steam and exhaust piping: to deck machy; b/p D. To---appd. 8/7.

CUSHING: PIPING: 543 -- 15

Number.	Date.	From or To—		Subject.
103401	8-9	FR	2494	Special zinc boxes for fire and bilge discharges; print.D To---appd.8/13.
104388	8-23	FR	2619	Separator for aux. steam line; b/p.D To-- appd 8/29
104379	8-23	FR	2618	9-1/2" balance expansion joint; b/p.D To---appd 8/29
✓ 105178	9-6	FR	2757	Special zinc boxes fr circulating pump suction; print.D To -- appvd 9-12
105184	9-6	FR	2755	Basket strainer for exhaust piping; b/p.D To -- appvd 9-12
105179	9-6	FR	2750	Macomb strainer; fire and bilge pump suction; print.D To -- appvd 9-12
✓ 105413	9-9	FR	2791	Balanced expansion joints; reqt. approval for use on main steam to ahead and astern steam chests.D To-- apps 9/16
✓ 106657	9-26	C&R	29778-E.1	Drainage: fwds print.D Ret---plan satisfactory.10/9
✓ 107188	10-2	FR	3032	6-1/2" expansion joint for main steam cross connection; print.D To---appd.10/24

CUSHING: OIL FUEL SYSTEMS:

Number.	Date.	From or To--	Subject.
273899	5-6	SEE CARD 3	To S&A - Regt shipt, forced draft air registers from Phila to Boston. 1
		Phone Flt Sup. Base Brook. 1-21	To Boston, re oil burners and air registers 6-18
		2 calls: copy to CO	To Phila commenting on above, 6-19
		Phone NY-1-22 copy to CO	To Post. Re shipt. of oil burners & air registers 12-28
	4:1	S&A	Post - 1/9
	5:26	Phila	To NY - re shipment of oil burners and registers for 1-14
	Phila 6/3		Phone Supply Officer Fleet Base NY. 1-17
	Boston-8:7		To S&A - Regts make every effort to trace shipt. 3-18
	Boston-8:26		To SO Boston - Pur informed matrl has been shipt and rqsts upon arrival same be checked for quantity - 4/4 R B 5/3
			To CO - Rqsts Co verify quotation pertaining to 3 cases taken aboard at Brst - 4/4
			Fwd S.O. Phila via S&A. 5-10 copy to S.O. Boston and Comdt Boston.
			To S.O. Boston - Regts take Edison type storage batteries into stock for issue. copy to S&A. 5-10 R B 6:13
			To Comdt Boston - Inform of material rec'd. 6-12 R B 6/28
			Fwd Comdt Phila. 6-27 R B 7-16
			Fwd Comdt Phila 7-17 -RB-7:26
			To Boston - Advise when material order of 5-4th is received. 7-31 copy to Comdt Phila.
			Shipment order 5/6 R B 9/5

1819

CUSHING: FUEL OIL SYSTEM.

1914

Number.	Date.	From or To—	Subject.
126039	5/27	FR 1795	Standard oil burners and connections. Plans. states are not Bureau design. To---appd as mod.6/9.
128364 VOID	6/24	Bd on Chgs VOID	Lubricating oil settling tank; est inc. cost.N
128365	6/24	Bd on Chgs	Heating coils - fuel oil storage tanks; est inc cost.N Fwd Dept rec appr.6/26 BY 7 a 10 4 To FR appd.7/9 Fwd C&R.7/22.
128609	6-25	FR 2095	Fuel oil piping in fire rooms; plan.D To---appd as mod 7/7. FR reqt action 7-B
133180	8-27	FR	Coils for fuel oil heaters; change from copper to steel; estimated increased cost. D To FR & Gen Inap-- 8/31
141560	12-7	Bd on Changes, FR	Change in fuel oil heater from copper to steel Inc cost. 4 To FR-- Fwde copy report, appvd. 12/10
153422	4-26	FR	Fuel oil piping air chambers in; recommends provision be made for charging with air.DC To---Appvs recommendation: 4/29
155840	5-22	FR 1967	Oil burners; casings for Yarrow boilers.DC To---Appvs recommendation: 5/26

1915

CUSHING: FUEL OIL SYSTEM. 543-16

Number.	Date.	From or To—	Subject.
155839	5-22	FR	Contractors reqt authority to use burners similar to those used on DUNCAN during trial.DC To-- (T) Appvs. 5/25
✓ 156350	5-27	Boat	& CLASS: conversion of coal burning ranges into oil burning.DC 539-16
✓ 157707	6-12	FR 2256	Air chamber on fuel oil discharge pipe: est inc cost.DC To-- Change appvd 6/15 To Gen Insp-- 6/15 Fwd C&R form 135 12-14
159660	7-1	FR 2495	Fuel oil burners: fwsd plan.DC To-- Appvs. 7/10
✓ 162379	7/29	FR	Atomizing oil burner, fwsd print.DC To-- appvd as mod 8-18 FR reqt action 8-19
✓ 164783	8-30	CO	Reqt 12 burners latest Bureau type for test under one boiler. DR To-- Disappvs. 9/7 CO required to improve present installation 9-10
172561	11-29	BA on Changes. New Don	Making connection from compressed air line to fuel oil service pump discharge air chambers. Inc cost. N
190387	6-6	CO	Increase in fuel oil filling pipe capacity.Y To Boat--Appvs cancellation of. 6/12
✓ 273899	1-16	To Phila	oil burners and air registers for new boiler. To-- Being constructed at Boston yard. Articles reqtd to mfg. D To-- Being constructed at Boston yard. Articles reqtd to mfg. D To-- Being constructed at Boston yard. Articles reqtd to mfg. D To-- Being constructed at Boston yard. Articles reqtd to mfg. D

CUSHING: FUEL OIL SYSTEM.

1913

Number.	Date.	From or To—	Subject.
✓ 108825	10-23	FR 3256	Standard oil burner cone; print.D To --- appvd 11-6
✓ 109987	11/8	FR 3446	Fuel oil tanks: drains from steam coils; fwd's prints.D To --- appd. 11/26
✓ 110560	11-14	FR 3568	Fuel oil piping in fire rooms; fwd's plan.D To --- appd as mod. 11/26
✓ 110554	11-14	FR 3567	Fuel oil tanks; fwd's print of deck plating and operating gear for filling of.D To --- appd. 12/2
✓ 111664	11-25	FR 3703	Operating gear for burners; print (Not recd).D To --- appd. 12/8
✓ 112422	12-10	FR 2910	Fuel oil piping in fire room; contractors claim to install self closing valves, change in cost. To --- comments. 12/17 FR will consider as development 12-29
✓ 113719	12-27	FR	Drainage arrgt for fuel oil tanks.D To --- change in spec's authorized. 12/30
✓ 113983	12-27	FR 4125-	Fuel oil tanks; drainage arrgt; print.D To --- appd. 1/17.
1914			

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Number.	Date.	From or To—	Subject.	
114122	1/3	FR	Install oil meters fuel oil system. will involve inc. cost.	543--24
116180	1/26	FR	Omission of fuel oil tank signal system. fwds modified print.	543--4
✓ 116462	1-29	NYS	Fuel oil sys; arrgt of; fwds print. D	
116459	1/26	FR	346 Fuel oil filter operating gear and wrenches: plan. D To---appd. 2/2	
117197	2/5	FR	Arrgt of measuring fuel oil during trial trip. print	543--2
✓ 117559	2-11	FR	544 Oil meters; fuel oil system; contractors claim increased cost. D To---if proposed meter proves satisfactory in test it may be installed. 2/16.	
✓ 120545	3-20	FR	928 Fuel oil storage tanks: installation heating coils: est inc cost. D Fwd Dept. request appr. 3/24 BB 48 and To---appd. to Gen Insp. 4/10.	
✓ 125832	5/23	FR	1779 Steam coils for fuel oil heaters: Griscom-Russell Co. state will increase cost 350. D To---recd est. change in cost. 6/1.	

CHISHING; FUEL OIL SYSTEM.

1913 ~~1912~~

Number.	Date.	From or To—	Subject.
✓ 93842	4/1	To FR	Steam coils for fuel oil storage tanks; request estimates of inc cost for fitting. N
✓ 95689	4-24	TO FR	Fwds prints Bu. type air controlling register and fuel oil burner for installation. A N
✓ 98260	5-26	FR	Flange joints for fuel oil piping; reqt. authority to insert gaskets. D To---not appd. 6/29.
98379	5-27	FR	1651 Fuel oil heater: fwds b/p.D To---appd as mod. 6/6. To---take up with contrs. question of fitting steel tubing in lieu of copper that comes in contact with oil. 5/28.
101935	7-19	FR	2202 Fuel oil filter: fwds print. D. To---appd. 7/25.
102204	7-22	FR	2246 Fuel oil suction strainer: b/p.D To---contrs' letter not received. 8/5 To---appd as mod. 8/13.
102744	7-22	FR	2246 Duplex fuel oil suction strainer: b/p.D To---plan received not same number as letter states. 8/2.
✓ 102803	7-21	FR	2369 Fuel oil plant: reqt. speens. covering filter. D To---appd. 8/6
✓ 102904	8-1	FR	2386 Oil fuel system: plug cock in. D To---appd. 8/7

CUSHING: FUEL OIL SYS. 543-16

Number.	Date.	From or To—		Subject.
103209	8-6	FR	2423	Duplex fuel oil suction strainer; ppint.D
103248	8-7	FR	2449	Suction piping; strainer for; reqt. authority to use plug cock over 2" in diameter.D
103776	8-30	FR	2359	Fuel oil piping; fwds print showing steam heating coils.D To---plan not received.8/23. To---a.pvd as mod.9-9 To---changes directed in 9-17
104059	8-18	FR	2573	Fuel oil pump suction; meters for; print.D To---appd as mod.8/25
104530	8-26	FR	2650	Fuel oil piping system for draining water from fuel oil tank. b/p.D
105640	9-12	FR		Suction piping; fuel oil; re fitting with flanges for oil meters.D To---apps 9/16 FR reqt 3rd par be eliminated 1-9 To---par.3 eliminated.1/26
106482	9-24	FR	2936	Oil burning system; fwds print cap casing and front furnace casing details. D. To---appd.10/7
106853	9-29	FR	2984	Oil burner piping; b/p.D To---appd.10/7
106847	9-29	FR	3002	Oil burner holder; print.D To---appd as mod.10/7

CUSHING: WORKSHOP & TOOLS.

1913

Number.	Date.	From or To—	Subject.
✓ 91531	2-28	FR 611	Fwds print of boiler tube expanders and bellows tubes. N To—plan appd. 3/22.
95364	4/18	FR 1196	Fwds prints and description of motor driven engine lathe. 1 To— appd 5/5
✓ 95775	4/24	GE	4 DOWNES: requests copy of orders covering 12" motor driven lathes. 3 Fwd Ord. request inspection. 4/25. RB 6-8
↓ 127757	6/17	Pitts.	Davis lathe - motor for: fwds test report. 3 To FR. fwds test reports. 6/20.
✓ 209259	12-20	CO	Request larger motor for buffer and grinder. Y To—instructions. 12/23

1914

1515

CUSHING: PUMPS.

Number.	Date.	From or To—	Subject.
158593	6-19	FR 2349	Main air pump stuffing box gland; plan.DC To-- Appva. 6/26
161415	7-21	FR	Oil clutch pumps; spare parts; list. DC To-- Appva. 7/27 FR 7/31 FR 8-24 To 8/22 To Post 8/27
18968	3-21	NY	Circ pump; fws print of proposed lignum vitae spider bearing.D. To--(T) Appvs. 4/3
225980	5/5	To FR T	Expresses appreciation of efforts to expedite delivery of blading material for. T

1913

Number.	Date.	From or To—	Subject.	
✓ 111504	11-26	FR 3743	Main air pump; sealing water cooler for: fwds print.D To---appd. 12/5	
111405	11/24	FR	Main air pumps, fwds print and index list To---appd. 12/2	543--9
			1314	
122163	4/13	To FR	Fire and bilge pumps; request estimate of inc cost for installing in fire rooms. To FR---shows arrgt appd for sister ships 4/29	
125277	5/15	FR 1673	Additional fire and bilge pump for fireroom.D To -- contractors order pump on their own responsibility 5-22 To---appd. 6/12 To--- Appvd 8/22	
✓ 127093	6/10	C&R 29778-E.2	Fitting of additional fire and bilge pumps in fire room.D Ret---comments. 6/12. 7 1/2	
✓ 128452	6/25	FR 2086	Fire and bilge pumps; inc cost for additional in fireroom.D To FR & Gen Insp--- Authorized. 8/22	
128572	6-26	FR 2108	Horizontal turbine drain pumps; plan.D To---appd. 7/2.	
130012	7/14	FR 2295	Fwds index list of pumps.D To--- Appvd. 8/24	

CUSHING: PUMPS: 543-19

Number.	Date.	From or To—	Subject.	
✓ 130772	7-23	FR	Index list of pumps: fwds. D	
127369	6/11	FR 1947	To---appd. 8/13 Piping for fire and bilge pumps in fire-rooms; fwds plane	543-15
✓ 131153	7-27	FR 2431	Install F&B pump and relocate fuel oil pump; inc cost. D	
✓ 138476	10-30	FR	Steam pumps; states contractors are allowing 1/2" description clearance for cylinder head; no leave excessive; recd ruling. D To--- instructions. 11/6	
141561	12-7	Bd on Changes. FR	Installation of additional fire and bilge pump in fire room; additional cost. N. Fwd Dept-- Rec appvl. 12/10 To--- Fwds copy report. appvd. 12/18	
153770	4-28	FR 1915	Rect hand hole be cut in casings of main circulating pump engine. DC To---Will be done after delivery. 5/6	
✓ 155447	5/18	FR	Circulating pump engines; repairs for; recommends contractors be directed to supply. DC To---Not required. 6/21	
156633	6-2	FR 2092	Pumps: fwds B&K list. DC FR (T) Recd action. 6/10 To---Appvs. (T) 6/11	

CUSHING: PUMPS.

1913

Number.	Date.	From or To--	Subject.
91392	2/27	FR 593	Steam pumps; fwds order Blake & Knowles Co; plans not yet approved by Bureau.N To---apd as mod.3/21. FR order modified.4-3
91528	2-28	FR 610	Standard rotary cylindr spray pump; print.N To---plan appd.3/22.
93155	3-22	FR 2834	Fwds prints of Simplex and air circulating pump.N To---appd.4/2.
94846	4/16	Fwd Bost	Blake & Knowles, reqt permission to furnish Comp...N-2 pump rods. 539--19
95318	4/18	FR 1186	Pump governors; fwds prints.N To---plans returned, not satisfactory.4/26.
95695	4/21 4/23	Blake & Knowles FR	Requests permission to furnish composition N-r pump rods.S To Mass.via FR.appd.4/28.
95696	4/23	FR 1228-26	States contractors have requested authority to furnish all pump rods of composition N-r except where steel is specified.N
96160	4/29	FR	Main air pumps; fwds prints.N To---apd.5/9.

CUSHING: PUMPS. 543---19

~~Page 2~~

Number.	Date.	From or To--	Subject.
✓ 96893	5/3 5/6 5/7	Blake & Knowles Mass. 1490 FR	Requests permission to use Naval brass rods; disapproved by Insp. F.R. S Fwd FR via Mass. comments. 5/10. 1-2-2-10 Fwd appd 5/19 RB 5-24
96963	5/7	Blake & Knowles	& O'BRIEN: steam pumps, fws tracings. 539--19
97310	5-13	FR 1472	Curtis turbines: details of drum rings and buckets. D
97333	5-14	FR 1468	Pump list: fws b/p.D. To---appd. 5/27.
98864	6-4	FR 1731	Main circulating pump and engine: b/p.D To---appd. 6/11.
98927	6-5	FR 1745	Circulating pump: b/p.D
99197	6-7	FR	Pump governor: ext. print of Foster Eng. D To---appd. 6/18.
✓ 102405	7-26	FR 2302	Pump list: fws. D To--- Appd 8/4
102737	7-30	FR 2452	Pump list: spare parts and wrenches for. D TO -- fws trip prints 9-12 To---appd. 8/9
✓ 108263	10-18	FR 3196	Pump governor: fws print. D To---appd. 10/28.

CUSHING: VALVES.

1915

Number.	Date.	From or To--	Subject.	
144654	1-14	FR	Reqt authority to install K&M bucket traps on oil coolers to fuel oil suction. To-- Appvs. 1/21	
✓ 146275	2-3	Exp.Sta WEST 488	Safety valves; Star Brass Co. Report of test. D. To FR--Rec acceptance, 2/18	
154841	5-11	FR	19-1/2 main steam stop valves; speons call for flat facing seats; reqt authority to change. DC To-- Appvs. 5/13 ^c	
155265	5/15	FR	Valve hand wheels; fwds print. DC To-- Appvs with modi. 6/30	
156757	6-7	FR	Contractors stat no use for trap replaced by drain tank; reqt authority to deliver to Govt	543-15
159076	6-24	FR 2405	3/4" relief valve for pump discharge; fwds plan. DC To-- Appvs. 7/9	
166742	9/14 9/21	CO Boat	Fit elbow fittings on salinometer valves. D To Boat-- Work authorized. 9/28	

CUSHING: VALVES.

1914

Number.	Date.	From or To--	Subject.
✓ 129738	7-11	FR 2266	Valve manifold; for turbine drain pump as discharge; plan D To---appd. 7/20.
✓ 130487	7-21	Exp.Sta TEST 410	safety valves: reports on test. D Exp.Sta reqt changes as made in valves 8-6 To FR fwsd extracts from report of test: 8/13 Use not appd until defects are remedied: 8/13
132133	8-12	Exp.Sta	Safety valves: fwsd copy of letter written to Lonergan & Co. relative to cause of rejection 3. D
✓ 132214	8-14	Lonergan, J.E.Co.	Boiler safety valves rejected at Exp.Sta: reqt copy of report: states P.G. Darling, greatest authority on safety valves in the U.S. states valve was finest he had ever seen; witnessed test. D To---fwsd copy of Expr.Sta. Test report #410. 8/15.
✓ 132395	8-15	FR 2670	Steam traps: fwsd print of K&W type: expansion: recommends approval if same has passed test at Exp.Sta. D
	Fwd Nav. Acad--	Req date 9/18 9	* To---Must pass test at Exp.Sta. May be test if contractors desire. 8/24 FR reqt date of test 9-14
132870	8-22	FR 2733	Drum spider for turbine: plan D
133945	9-5	FR 2912	Fuel oil manifold for F&B pump suction: plans D To---Appvd. 9/24

CUSHING: VALVES. 543 -- 20

Number.	Date.	From or To--		Subject.
136102	10-2	FR	3192	Boiler safety valves; fwds plan. D To-- Appvd. 10/10
137200	10-15	FR	3304	Spring relief valves; for fire room discharges; fwds print. D To-- Appvd. 10/21
137501	10-19	FR	3344	Boiler safety valves; contractor's reqt be not tested at Exp. Sta. D To-- Instructions. 10/21
138338	10-29	FR	3428	Expansion steam trap; asks if one submitted to Exp. Sta. has proven satisfactory. D To-- Report not yet rec'd. 11/2
140031	11-18	FR	3651	Steam traps; Kiely & Huebler type; reqt report on them Exp. Sta. be expedited. D To Exp. Sta. asks when test will be com- pleted. 11/25 Exp. Sta. will submit report dec 15 11-30
✓ 142244	12-16	Exp. Sta	TEST 470	Kiely traps; report of test. D. To FR-- Fwds report of test. 12/19 Exp. Sta. report shipment 1-29
✓ 142861	12-21	FR	4028	Kiely expansion steam trap; not required and will not be used for hot water; suitable for cold water. D To-- Disappvs use of. 12/28
✓ 143472	12-31	Exp. Sta	TEST 410	Safety valves furnished by Lonergan Co. reports on test. D. Fwd FR-- Fwds report. 1/2
✓ 143474	12-30	Exp. Sta	TEST 488	Ditto furnished by Star Brass Co. Fwd FR-- Fwds report. 1/2

CUSHING: VALVES.

Number.	Date.	From or To—	Subject.
✓ 112826	12-12	FR 3967	10" combined check valve and strainer: print.D To---appd.1/27.
✓ 113956	12-30	FR 4162	List of valve prints desired. D To---appwards prints.1/11
		1914	
✓ 114834	1-9	FR 97	Lalor automatic valve: print.D To---appd as mod.1/26.
✓ 115703	1-20	FR	Safety valves: reqt test at Exp.Sta. D Fwd N.Acad.test when received.1/24.
✓ 117200	2-5	FR 446	Valve manifold; pressure up to 100#. Print.D To---appd.2/12.
✓ 117467	2-10	FR 540	Combined 10" valve basket and steam strainer: reqt reconsideration of Bu disapproval: resubmits plan.D To---not appd; requirements.2/28.
✓ 119219	3-3	FR 7117	Steam traps: fws print of Anderson type.D To---appd as mod.3/16.
✓ 119805	3-10	Lomergan, J.E. Co	Safety valves: reqt authority to furnish .07 lift in lieu of 1".D To---must take up with contractors.3/16. To FR.Fwds letter and requests take matter up with contractors 3/16 FR reqt Bu approve lift of 7-100#3-27 To FR.appd.3/31. To---appd with rec 4/22

11014

CUSHING: VALVES. 543 -- 20

Number.	Date.	From or To--	Subject.
120630	3-21	FR 942	Combined valve and basket steam strainer 10" fws print.D To---appd.4/7.
121348	3-31	FR	Steam trap: states if modifications requested by Bureau are made will demand inc cost.D To---Bu. considers mods. unessential and they will not be required 4/3
122692	4-14	FR 1259	Fuel oil testing valves: print.D
122924	4-17	FR 1301	1-1/2" valve manifold for trap drains: print.D TO -- appvd 42-5
123907	4-30	FR 1455	Heintz type steam trap: fws print and recommends approval.D To---plan satisfactory.5/4.
124631	5-7	FR 1569	10" combined stop valve and basket steam strainer: print.D FR 5/22 reqst action.D To---appd.6/1.
127461	6/11	FR 1935	Steam traps: contractors propose fitting a swing check valve on discharge side in place of stop valves. Rec against.D To---Appvd. 6/17
129711	7-10	FR 2256	Submits list of Foster reducing valves; proposed for.D. To---appd.8/18.

CUSHING: VALVES.

1913

Number.	Date.	From or To--	Subject.
102905	8-1	FR 2385	Angle valves; b/p.D To---appd. 8/7
102893	8-1	FR 2387	Valve manifolds; fwds b/p.D To---appd. 8/7
103208	8-6	FR 2422	Boiler safety valves; submitting plans showing alterations.D. To---appd as mod. 8/15.
104062	8-18	FR 2559	Mason reducing valve; fwds b/p.D To---will not act until report of Mason valve now under test at Extr. Sta. Suggests Leslie, Foster and Lytton tyres. 8/22 FR quotes letter from Mason Co. 9-6 To-- no action until Exp. Sta report 9/10
104382	8-23	FR 2620	Main steam stop valve: b/p.D To---appd 8/29
104870	9-2	FR 2720	Boiler safety valves: print of Lonergan 4" duplex.D To--- appd 9/10
105176	9-6	FR 2758	Spring relief valve in aux. exhaust to condenser; print.D. To--- appd 9-12
105836	9-13	FR 2837	Standard globe valve for oil burner piping; b/p.D To---appd as mod. 10/7
107485	10-2	FR 3031	Safety valve lifting gear; fwds print.D To---appd. 10/24

CUSHING: VALVES. 543---20

Number.	Date.	From or To—	Subject.
✓ 107645	10/11	To FR	Auxy steam stop on boiler; calls attention to speens requiring gear for operating from deck. D FR contrs reqt. authority to omit gear for operating stop valves from deck disapproved 10-23 To---Omission not appd. 10/28
✓ 109023	10-25	FR 3269	Safety and relief valves; print. D To---appd as mod. 11/15
✓ 109479	11-3	FR 3367	Steam traps; reqt. authority to change achy speens to agree with type of trap approved by Bu. D To -- auth 11-10
✓ 109478	11-3	FR 3358	Steam trap; resubmits ~~MAN~~ type print modified. D To -- appvd as mod 11-8
109859	11-7	FR 3423	Castings for valve bodies; contractors reqt excess lead be waived. S To---returns waiver cards for additional data. 11/19 Ret---as's if waiver card forms have been received 11/19 To---acceptance authorized. 11/25
112413	12-8	FR 3902	Spring, relief, globe, and angle valves for main and aux condenser. exhaust. D To -- appvd 12-16
✓ 112574	12-9	FR 3911	3-1/2" special globe valves; b/p. D To---appd as mod. 12/17.

CUSHING: VALVES.

1910

Number.	Date.	From or To—	Subject.
94030	4-1	FR 954	7" angle valve for use on circulating pump suction: b/p.N To---appd. 4/23
94033	4-1	FR 955	Special angle valves: b/p.N To -- appd. 4-24
94026	4-1	FR 452	Special globe valves for pressures up to 1004. b/p.N To---appd. 4/23
94198	4-3	FR 983	19-1/2" gate valves for overboard discharge: print.N To---appd. 4/23
94202	4-3	FR 984	7" boiler stop valve with operating gear: print.N To -- appd. as mod. 4-24
94687	4-9	FR 1055	19-1/2" angle sea valve for main injection piping: b/p.N To---appd. 4/23
96905	5/7	FR 1403	Special angle valves for feed pump discharge: fwd's print.D To---appd. 5/15.
97059	5-9	FR 1427	Boiler safety valves: fwd's prints of Lomergan D To---appd as mod. 5/29.
97162	5-10	FR 1442	Angle sea valve for discharge piping: b/p.N To---appd. 5/26.

CUSHING: VALVES. 543-20

Number.	Date.	From or To--	Subject.
97248	5-21	FR 1460	Angle sea valves for discharge piping: b/p.D To-- appd. 5/16.
97236	5-10	FR 1441	Angle sea valve for suction piping: b/p.D To---appd. 5/16.
97338	5-13	FR 1474	Main and aux. feed valves: b/p. D To---appd. 5/28.
98066	5-23	Bath 684	Gate valves: reqt. standard prints.D.
98353	5-27	FR 1656	Reqd. approval of 3/8" screwed globe valve for attaching to water drums of boilers for testing water connections.D. To---appd. 5/29.
98371	5-27	FR 1662	Special angle valve for main feed discharge: fwds print. D. To---appd. 6/5.
99213	6-7	FR 1772	3-4" hose coupling valve: b/p.D To---appd 6/26.
✓ 101688	7-15	FR	Steam traps: fwds plans of Kieley & Mueller: not approved.D. To---appd. 7/23.
✓ 102341	7/26	To FR	Safety valve seats: material for: error in specifications. Authority is given to modify contr's order No. 76229.D

CUSHING: ALLOWANCE.

Number.	Date.	From or To--	Subject.	
214619	2-13	Norf	Reports forwarding allowance list to NY. R	
311393	9-26	To CO	Test inform re reply to letter May 31 re S E Revision of Elec allow list	
354779	10/1	Notes	Types P & T allowance issue Fourth Dist. Oct. 24 Fourth Dist. Nov. 7 To 4th Nav Dist, Electr allow, 11-14	RA
378280	12:5	CO	Req order blank allowance list RA To CO. Fwds. 1 blank type "A" SE Elec. Allow. book. 12-30 To CO Cushing-Reqts immediate reply. 5-1 CO 6:18 To CO- Fwds appvd elec lists. 7-9	
387938	1:21	CO	Req. copy of allowance list corrected to date RA To- Fwds blank type "A" list. 1-27	

543 - 21; CUSHING: ALLOWANCES:

Number.	Date.	From or To—	Subject.
395932	2-19	Phone NY	Lathe for— Auth granted to issue 14" motor driven lathe. Ia
423725	4-20	To CO	Reqs. amtd. allow. list 1918 e.l. n. Ya To Comd. NY ditto. 4-28 RB 5/3
472362	5-12	To CO	Reqs. eliminate from page 54 line 10 "one wheel complete with blading". Ya copy to E.O. and S.O. Ny.

CUSHING, allowance, spare parts, etc

1913

1

Number.	Date.	From or To—	Subject.	
97817	5/20	FR	CUSHING: 25 kw gen.set, list of spare parts	543--5
97818	5/20	FR	Desk fans, list of spare parts	543--5
97819	5/19	FR	Searchlights, fws prints & list of spares	543--8
98066	5/23	FR	Evaporators & distillers, reqt that specs for spare parts be revised.	543--10
101148	7-7	FR 2056	Reqd. R To FR changes 4-24 To fws list of MCDUGAL for changes applicable to CUSHING. 5/6	
105401	9-9	FR 2790	Reqd. Equip allowance.R	
107491	10-4	FR	Fws 2 copies of Equip. R To---apd: fws blank. 11/22 To---& Bost. fws lists. 11/24	
113009	12-17	Bost	SE allowance. Reqd. R ALSO MCDUGAL.	
118334	2, 26	To Bost.	& MCDUGAL; omit air pressure gages and armored thermometer.	542-21
125090	5/14	FR 1667	Allowance: returns corrected.R To-- Changes. 5/29 To-- Changes. 5/29	

CUSHING: ALLOWANCE: 543v-- 21

Number.	Date.	From or To--	Subject.	
✓ 134872	9-17	FR 3053	Reqt addition of lights for. R To-- Changes. 9/30 #100	
			1915	
✓ 144747	1-15	FR 205	Reqt. R To-- Fwds blanks for copy. 2/1	
		To--Appls with modl. 3/20	FR returns filled out 2/26 To-- Returns apvd. 2/3/26 FR rws 3-18	
✓ 145002	1-15	FR 206	Elec; reat changes. R To-- changes in. 1/26	
			FR 2-19	
✓ 144831	1-21	To FR.	Allowance; elec; change in. L-R	711
148430	2-27	Boat	Reqt. R	
151356	4-1	FR	Reports omission of certain spars from portable safety lantern. R	
✓ 153438	4-26	FR	Reqt addition of gage lights. R To-- Appls. 4/30	
✓ 162043	7/23	FR	Lists additional spars requested. R To-- add to. 7/31	
			1916	
✓ 163030	3-31	To FR.	Amendment in springs. R-L	
✓ 205931	11-15	CO	Request authority to turn in valves, separators, cocks, etc. R To-- via Norf--Reqt apvd. 11/21	

CUSHING: WHISTLES:

1913

Number.	Date.	From or To—	Subject.
102749	7-30	FR	Fnds print of separator and connections for.D To---appd. 8/6.
✓ 104136	8-20	FR	Megaphone whistle; inc. cost.D To---appd.---To Gen Insp. 8/23.
✓ 108260	10-17	FR 3188	Megaphone whistle; est. inc. cost. D
✓ 110893	1-18	FR 3610	Megaphone whistle; print.D O---appd. 12/1
✓ 117981	2-17	FR	Megaphone whistle; inc. cost. D
✓ 158511	6-18	Bd on Changes FR	Installation of a megaphone whistle. Inc To-- 6/23

[illegible]

CUSHING: AIR COMPRESSORS.

1914

Number.	Date.	From or To—	Subject.
122170	4/13	To FR	Installation of Westinghouse in fire rooms: request est of inc.cost.D
125089	5/15	FR 1670	Steam-driven air compressor: Fwds copy of Westinghouse catalog.D FR 6/23. reat action.D FR reat action 7-8 FR reat action 7-22 FR 8/21. approved. 7/31. To --- approved. 8/21
✓ 128793	6-29	FR 2132	Westinghouse air compressor: est inc cost.L To Quincy & Gen Insp.--- Authorized. 8/21
141581	12-7	Bd on Changes, FR	Installation of Westinghouse air compressor: inc cost.N To FR--- Fwds cop. report, appvd. 12/10

[illegible]

1914

CUSHING: GAGES & INSTRUMENTS.

Number.	Date.	From or To—	Subject.
121080	3-25	FR 997	Oil meters: tests: reqt copy of report on BOWSER. D
119276		SEE CARD #1	To FR Fwds reports on test of Bowser and Buffalo meters: request furnish contract- ora with quotations from 4/14 FR. 4/21. returns corres.D
123908	4-30	FR 1350	Fuel oil meters: reqt additional test for low pressure service conditions.D To---further test not appd. Will favor- ably consider Bowser meter, 5/4.
✓ 125572	5/21	FR	Connections for copper tubing for steam, vacuum and hydrostatic gages.D To---not appd. 6/9. FR 6/8. reqt action.D
✓ 125624	5/23	B. F. Bowser & Co.	Oil meters: fws tracings for approval before going ahead with order.D To---6/6 Bowser & Co. 6/8. have submitted prints to FR Co. for approval.D
✓ 128439	6/25	FR 2100	Fuel oil meters: contractors request spec's calling for finished plans be waived. Submits wood cuts.D To---Bu will not waive. 7/6.
128604	6-26	FR 2106	Counters, ga. ss. and thermometers in engine and oil rooms: R. 13.D. Fwd Bd 125. for comment. 7/8. re 7 13. FR reqt action 7-13 To---appd. 7/18.

CUSHING: GAGES & INSTRUMENTS. 543-24

Number.	Date.	From or To—	Subject.
✓ 130801	7-23	FR 2397	Fuel oil meters; fwds print.D To---appd. 8/4
✓ 131815	8-5	FR 2563	Fuel oil meter: change from suction to discharge line; est inc cost. D Fwd Dept. request. appr. 8/17. 8/21 appd. To FR & Gen Insp.-- Authorized. 8/24
✓ 141007	12/1	FR	Torsion meters: reqt ruling relative to finished plans.D To-- Instructions. 12/7
141565	12-7	Bd on Changes? FR	Changing fuel oil meter from suction to discharge line. Inc cost. W/10. 12/15 Fwd Dept.-- Recd appl. 12/10. 12/15 To FR-- Fwds copy report, appvd. 12/16
146082	1-30	FR 373	Water gage for discharge air chambers; fwds plan.D. To-- Appvs. 2/8
147893	2-19	FR 648	Req. approval of water gage for fuel oil heat. P.S. D To-- Not required; need not be fitted. 2/25
159454	6-29	FR 2472	Gages for P&B pumps; contractors will install at increased cost.DC To-- Should be supplied without add cost. 7/2

CUSHING: GAGES & INSTRUMENTS.

1218

Number.	Date.	From or To—	Subject.
✓ 97246	5-12	FR	Standard gage cocks and air cocks fittings for Yarrow boilers. b/p D To---appd.5/27.
100334	6-24	FR 1927	Clearance indicator; b/p D To---appd.7/3.
✓ 102903	7-31	Jerguson Mfg.Co	Double glass gages; print for approval.D To---plans returned; should be submitted to contra.8/7
105028	9-4	FR 2731	Automatic water gages and drain cocks; Jerguson type; reqt. approval. D To - have Concs. submit plan 9-8
106806	9-29	FR 2995	Automatic water gages for main boilers; fws print of Jerguson type. D To---appd with comments.10/21.
✓ 106843	9-29	FR 2986	Automatic water gages on auxiliary steam piping.D Print.D To---appd.10/7 To --- 10-16
109167	10-25	FR 3267	Automatic water gages and drain cocks for main boilers; print.D To---appd.11/4.
111419	11/28	To FR	Thermometers; change specifications requiring be forwarded to New York for test instead of to Nav Academy.D

CUSHING: GAGES & INSTRUMENTS. 543-24

Number.	Date.	From or To--	Subject.
✓ 112024	12-4	FR 3863	Reqt. approval of Cummings torsionmeters; D To---apd. 12/9 FR corrects error in 12-19 To---adds prints. 12/27.
✓ 113992	12-27	FR 4132	Sight feed oil and thermometer fittings; print.D To---apd. 1/10.
1914			
✓ 114122	1-3	FR 32	Install oil meters fuel oil system; will in- volve increased cost.D To---requirements as to test, etc. 1/6 To---quotes results of tests of Buffalo oil meter. 3/19.
✓ 114497	1-6	FR 46	Gage board and counter; drives for gages, print.D To---apd as mod. 1/19
✓ 115827	1-23	FR 267	Steam and vacuum gages; recommends disapproval of contractors request to use 1/4" in lieu of 1/2" tubing for.D To---apd as mod. 2/3.
✓ 115961	1-23	FR 286	Oil meters for fuel oil system; were fwded Phila for test.D To---fwd Phila. test authorized. 1/27. CARD 2
117559 VOID	2-11	FR 544	Oil meters; fuel
✓ 119276	3-4	Phila	Bowser oil meter; for: reports test of.D fwd Grams. for comment. 3/19. 5/19/25 To Grams. Buffalo type disappd. 3/25/
119345	3-6	FR 773	Pressure and vacuum gages; order for differs from specs.D To---specs will be changed 3/19.

543 - 25 CUSHING: RECORD OF WORK

Number.	Date.	From or To—	Subject.
305584	5-8	European Force	Month of March. Y
317762	6-17	NY	5-13-17 to 6-15-18. Y
321955	5/1	CO	Month of May - Y
✓ 329458	5/5	U.S. BRIDGEPORT	Work done during May - Y
✓ 332856	6-1	USS MELVILLE	For month of June. Y
332516	7/1	USS BOLIVETTE	Month of June - Y
391147	1/1	CO BRIDGEPORT	Quarter ending 12/31/18 - Y
414314	4-15	CO	3-13-17 to 5-13-17 Y
427555	6-1	NY	5-13-17 to 6-15-18. Y

CUSHING: RECORD OF WORK:

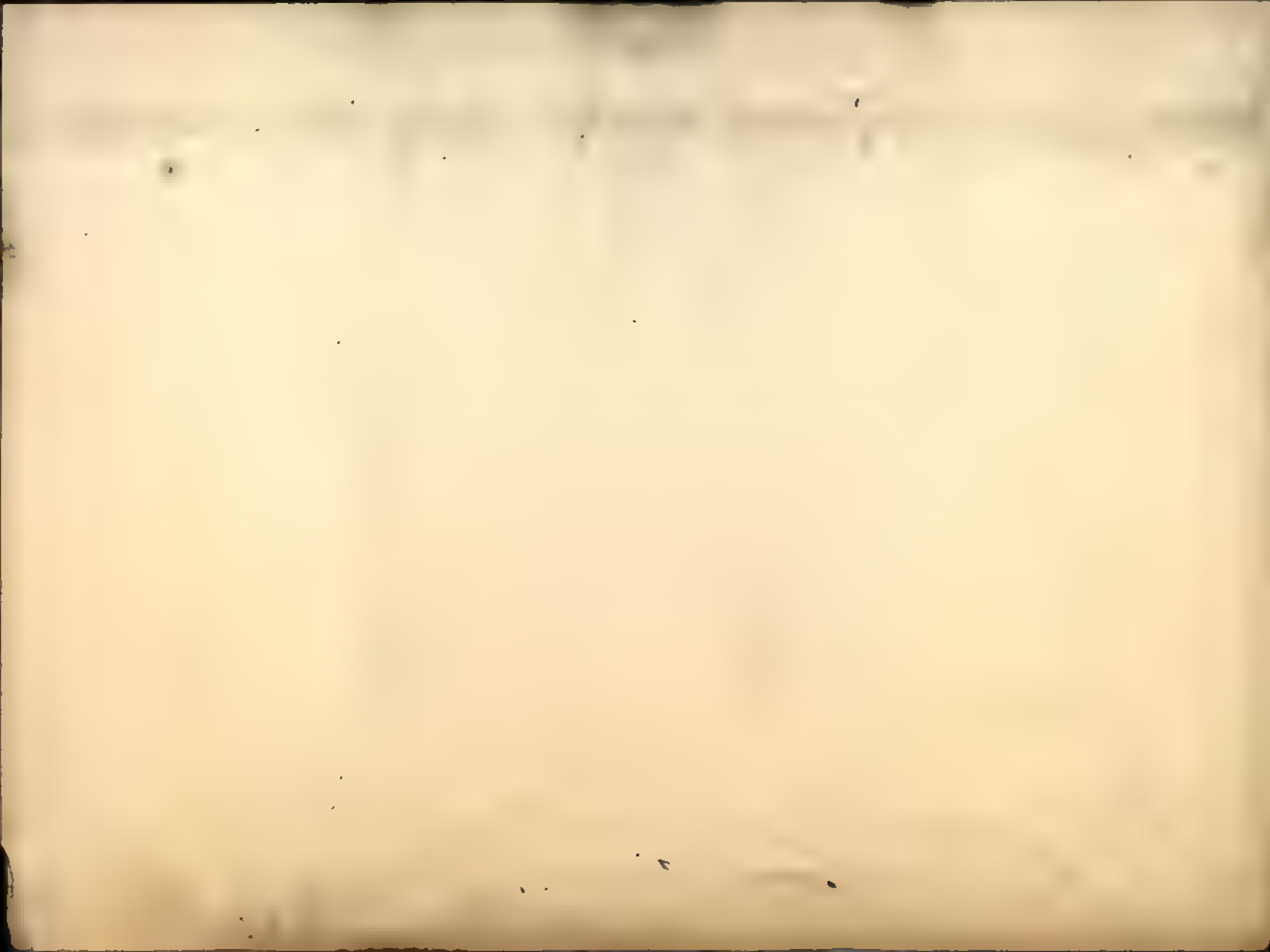
1916

Number.	Date.	From or To--	Subject.
177681	1-29	Key West	From Jan 24 to 29.Y
177739	1-31	Bost	Aug 21 to Oct 18
~~179087~~	2-12	~~Key West~~ <i>San Ind</i>	~~Jan 24 to Feb 12.Y~~
179528	2-17	Korf	To Dec 4
179879	2-21	Key West	Jan 24 to Feb 16
183444	3-31	Bost	Dec 29, 15 to Jan., 4, 16
229625	5/19	NY	March 13 to April 13 Y
266369	12/8	NY	3/13 to 5/13 - Y
288636	3-9	Boston	Sept 14, 1916 to Sept 21, 1916
536709	1-3/17	<i>Ship</i>	QUARTER ENDING 12/31/20

4-3381

SPECIFICATIONS: MOVEMENTS: ETC.

FILE No.	From or To— (Dates)	Subject.	
2676 3/1	Naval Examining Bn.	& UTAH: Rept. copies of hull specs. also elementary wiring diagram. Rep. Del. via CIN - complied with 3/6 To 3d. Flt. spec. etc. 3/6 1912 1913 1920	
492777	5:10 Insp'r NN	Request authority to burn specifications. directs specification: to destroyed 5-21/20. NN - specifications printed - 5/24 - D	



Number.	Date.	From or To—	Subject.	
62612	3/4	Dept	& S.C.ROLINA: Eng.Comp. trials, report"A"	407--2
63920	3-15	Dept 28004-1-263	Full power and endurance: report A.Fwds.F Ref---comments.4/9.	
64507	3-18	20	Speed curve: rec. credit for 203.8 knots lost by use of drive unreliable re J. it and trim. D Fwd ept. not under log. this Bu.32-8	
83197	11-20	Dept 2804-1-383	Eng.comp.report. "A": fwds: F Ref---12/3.	
			1913	
98273	5/26	Delaware	Fuel Oil consumption curve based on final acceptance trials, and actual steaming while in commission	764
101563	7/15	Dept.	Engrg Comp.Report B; fwds	766
107585	10/10	Dept	Umpires report on full power trials of	766
108329	10-20	Dept	Eng.Comp.report.A. Fwds F Ref---11/5	
113930	1/15	To Dept.	Rec'd's* orders for turning trials be made with both engines operating at same number of revolutions.	767

DELAWARE: TRIALS: 182-2

1914

Number.	Date.	From or To--	1914	Subject.
117880 VOID	1-26 1-28 2-14	CO At Torp Flt Dept		Reports on operations quarter ending Dec 31: C-in-C commends operation of D
127260	6-12	To Post Grad School		Calculation Book - fwds. D Returned 7/29
128374	6/25	Norf.		Request weight lists and center of gravities in connection with inclining experiment. D To---gives weights. 6/30.
131600	8-5	Dept		Report B: fwds. F Retd---8/6
✓ 144485	1-14	To Westinghouse Mach Co Internation Curtis Marine Tur Co.		Backing trials of: fwds blue-print of. D
✓ 148523	3-1	Dept	1915	Report A: F Retd---3/4
✓ 158853	5-24	Dept		Report B Retd---Noted. 6/25
201910	10/3	To CO--	1912	Performance curves. Fwds prints for year 1915. H 7/3
✓ 303192	4/10	~~Sims~~		Fwds report of repairs work performed by Dixie & Melville Rowan & Sterrett A

Number.	Date.	From or To--	Subject.	
✓ 39655	5/19	C.O.	Full power run: fwds report on. D	
[39655	5/22	Dept 28004-1-20	Fwds report of 4-hour full speed run. D Fwd Dept. Noted. 5/22.	
40067	5/23	C.O.	Recommends adjustment of Engrg. competition record on account of 20 hour endurance run. F	
40397	6/2	Rozycki, Stephen	Re 36: reports on defects existing on: to be remedied in new constructions.	133--1
43489	6/28 7/5	UN Co Dept 7796-299	Reqt. settlement in full. N 1.) to Dept. Upon receipt of report from NY, will be prepared to make rec. 7/14.	
✓ 43641	7/13	Dept 28004-1-53 -34-35	PRINCETON: MICHIGAN: Fwds reports on engrg. competition trials. Y Ret -- Comments. 7/17.	
✓ 43727	7/15 7/15	NY C&R 21914-E.462	Place work chargeable to contractors; completed before arrival at Md. N&L	
44422	7/18 7/22	C.O. Dept 27504-124	Reports on run to England and return without re-coaling. Asst C. Ret Dep L via C&R. Noted. 7/26.	
45585	7/12	NN	TAMM: replies to criticisms as to faulty measuring of feed water consumption on:	715--1

DELAWARE: TRIALS: PAYMENTS: ETC. 182-2

Number.	Date.	From or To—	Subject.	
✓ 46401	7/31 8/3	NN Co Dept 7796-300	Reqt. final settlement be expedited. N to Dept. reg. re. settlement. 8-29. (J) to Dept. Rec final acceptance. 10/25.	
47204	8/25	NN 172	Final settlement: fwsd corres. with contractor on deficiencies; cannot claim any further responsibility for wire leads to battle lanterns. N to Unit. States amt to be reserved under 10/25.	
47289	8/25	Dept	AT Flt: autumn battle practice: Long range firing Aug. 28th	493
49291	9/8	Delaware	VOICE TUBES WITH special mouth piece covering nose & chin, satisfactory, reports on: recommends further trial.	726
✓ 50373	10/3	NYS	NORTH DAKOTA: UTAH: Fwsd table of comparative results on coal consumption, horsepower, etc. D to Dept. reg. in acc. for settlement. 7.	
52415	10/27	Dept 7796-301	Direct: vouchers be prepared for final settle- ment. N To NN. Finally accepted Oct. 27th. 11/13. Fwd C&R. 11/13.	
53186	11/9	To	PACKING: reqt report on efficiency of C. Lee Cook; when sufficient time has elapsed to demonstrate whether satisfactory.	693
1912				

DELAWARE: TRIALS: PAYMENTS: ETC

FILE No.	From or To— (Dated)	Subject.	
✓ 36736 4/21	To C.O. via Dept W	Directs 24 hour trial before arrival at Boston and make report by wireless. D Dept. states wireless sent directing trials. 4/21.	
✓ 37123 4/26	C.O. W	Reports on distance steamed, coal and oil consumption, average speed, and general condition of ship. D	
✓ 37360 4/27	C.O. W	Successfully completed 4 hour forced draft run: highest speed 21.86. D	
37515 4/19	Dept	Copy of letter to, directing trial and movements. D	
37505 4/29	Dept	Quotes telegraphs received about full speed trials. D	
37540 4/28	D.O.	INSTRUMENTS: Sangamo watt meter, no such instrument on board, reqt be supplied for test.	671--12
✓ 37788 4/29 5/2	C.O. Dept 28004-1-9	Reports variation of draft from standard required by competition rules during recent center trial runs. D Fwd Dept. 5/5.	
✓ 37338 5/10	TO C&R	Reports actual weights and centers of gravity. D	
✓ 38881 5/15	Dept 28004-1-17	Data on full power trial. Y Ret --- Noted. 5/20.	



FILE No.	From or To— (Dated)	Subject	
✓ 34201 3/20	TO NN	Reports analysis of official weight sheets; final settlement to be based on penalty weight of 39.51 lbs. N	
✓ 34223 3/20	NN	Explains discrepancy in weights. I.	
✓ 34295 3/21	TO Norf	Work chargeable to contractors; direct report. N	
35187 4/1	To Dept	ATLANTIC FLEET; suggests that: be required to perform full power trials at end of fiscal year at Rockland.	493
35489 1/24	Nav. Intel.	FUEL OIL ATTA/STATUS. Fwds copy of report on installation British Navy made by DELAWARE	653
✓ 36022 4/12	NN 168	Penalties; fws letter from contractor reqt. to be released from those incurred by excess of weight. N Fwd Dept via CAR Giving facts in the case. 4/15. R. E. Dept directing that settlement be made without deductions for penalty weights. 5/22 To -- Weight penalties waived. 1/22	
✓ 35147 4/11 4/13	NN Co Dept 7796-297	Contractors reqt. remission of penalty for overweight on machinery. N Fwd Dept. Calls attention to 36022. 4/15.	
✓ 36302 4/14	Norf 2135	Reports S.E. work chargeable to contractors. N to branch lines from battle lantern feeders. reest. placement from contractors responsibility. 6/15.	
✓ 36645 4/20	TO CO via Bost	Directs high speed trials immediately upon arrival at Boston Yc. Desires particular report on reliability of reciprocating engines with forced lubrication. D. TO C.O. thru Bost. Directions re trial. 4/20	



DELAWARE; TRIALS: PAYMENTS: EXTENSION OF TIME: ETC

FILE No.	From or To— (Dated)	Subject.	
✓ 28721 1/10	To NN Co (T)	12 knot contract trial; cylinder jackets used drains; discharged to feed tanks; make up feed used 2460 pounds per hour	
29143 1/16	Key West	VALVES: Quotes wireless from Atlantic Ft: reporting muntz and monel far superior to steel: On & N. Dakota: monel probably best	724
29651 1/20	C.O.	INCINERATORS: fws prints of one being built by ship	654
30394 1/29	C.O.	CHIC: telephone switchboard: suggested by Hol- tzer Cabot Co. Comments on changes	323--4
✓ 30538 1/31	C.O. (W)	Sails 10 A.M. reqt. messages of importance sent by wireless.	
30465 1/31	To	HOSE: flexible copper, steam, reqt report on	663
31554 2/1	Dept 7796-296	Fws re t. from NN Co. for remission of penalty of over weight of machinery. N (J) fws Dept. Con'rs reqt not rec. 2/14.	
✓ 31688 2/15	TO NN: f	Reqt. list showing changes in weights caused by authorized changes. D	
✓ 31803 2/16	NN 168	Submits itemized list showing increase in machinery weights due to authorized changes. D To NN Discrepancies between list and weight sheets 2/21.	
✓ 32362 2/24	NN	Submits changes in weights due to authorized changes in machinery. N	



DELAWARE: ELEC PLANT GENERAL

Number.	Date.	From or To—	Subject.
494941	4:30 5:14	CO Atl Flt	Request relocate fire alarm annunciators in distribution room and rewire circuit-in-stall new type bells, etc. L Fwd Operns cc Atl. -Div 5 Atl. -Bost. CO 5-55. RB-8;5-RB-8;2-Y
495487	4/30 5/14 5/22	CO Atl Flt Bost	Reogst rewire truck lights - rewire range and deflection circuits, etc. - L Fwd Operns cc Atl. -Div five Atl. -Bost- CO 5-25. RB-8;2-Y RB-8;5-Y
507353	7:23	CCR	Copy of telegram to Boston requesting particulars covering present installation of ratchet insulators. L
522192	10:2 10:7	CO Atl Btlship Squad 3	Request rewire buzzers remove connection boxes rewire call bell circuits, etc. Y To CC Divas Inform cc Squad 3 Atl Fleet 10-14
530704	11:19	CO	Request authority to turn in cable listed. L To CC Divas Inform 12-1
558472	4:16	Boston	Submits report and recommendations on out-standing auth alterns. L

DELAWARE ELBC PLANT GENERAL

1922

[illegible]

4—3342

182- 3 DELAWARE; ELEC PLANT

Number.	Date.	From or To—	Subject.
370509	11:20	Boston MY Shipment ordered dated to Nov. 22 back Dec. 9 Ports. Nov. 22 back 12-9 Dept Ship. order Nov. 30 back Dec. 20	Tel. list cable urgently needed for wk. on to Bost. (T) ~~xxxxxx~~ Use 700 ft 75,000 CM Cable from stock do not recognize, only 175,000 CM size other cable being shipped from various yards L 11/21 R B 12; 2 SEA 11/26 To Norf. via SEA. Cable for DELAWARE. 11-26 To SEA. Fast shipment cable ordered to Boston. 11-30 Bost. (T) 11/22 Fwd SEA 12-5 Reqs shipment of ten impedance coils, NY to CO. L To CO - Inform. if material recd. 2-17 Shipment order 11:23 R B 2; 24
371327	11-23	To SEA	
371386	11-23	To Boston.	Authorizes manufacture of Plug Switch for turret officers. L
NSA 1803	4-24	Fwd CO	Reqst is reqstd with info re sizes. L
415173	4-24	To CO	Report on devices installed during last overhaul. L CO - 5/1 CO 5/7
416742	5-10	To Ordnance	1/4 report of elec plant. L-Y
BOSNSA 1802 7/11		To SEA	Rec samples recd from Del bestd to SO by whom purc will be made for info in con with L

DELA ARE: ELCO PLANT.

14

Number.	Date.	From or To—	Subject.	
122609	4-13	CO	Reports forwarding copy of elec plans to Norf.L	
126670	6/3	Norf. 3441-419	Tuba hoists; submits est. for installing.L Fwd Ord. 6/8.	
127326	6/12	CO	Requests authority to turn in 800 lbs. of lead covered copper cable. Not required, not on allowance.L Ret---appd. 6/15.	
137076	10-16	To CO	Returns Daily Data Sheet; not required by regulations. L	
160261	7/10	Norf	Incidental elec work in connection with gun elevating motor.L To--- Appvs. 7/12	
166599	9/23	CO	Spare parts of obsolete elec. machinery; reqt auth to turn in. L Fwd Nav-- Under its cog. 10/2	
197972	8-16	CO	Work necessary to comply with turret board report.L	
199090	9-1	CO	Alterations for fire control, install searchlight feeder connection, etc.L To---Disappvs. 9/19	
334233	8/7	To CO	Authorizing electrical alterations on	182-4

DELAWARE: ELEC PLANT. 182-3

Number.	Date.	From or To—	Subject.
✓ 200774	9-25	JAG	Report of board inquiry on death of SR Cates, elec'n. while using defective elec drill repairing grounded battle circuits. L Fwd Dept via M&S—Concurs in opinion of ✓ Bd to place rules over ship. 10/12 RB 10-23 Fwd Dept via M&S—10/27 RB 11/3 Operations reqt return 11-6 Fwd Dept—Concurs. 11/8 & LOUISIANA; changes due to Fire Control Board's report; fwds prints. L ~~and reqt return 11-8~~ To Norf—Plans appvd with comment. 11/14 To Norf—Voice tube plan appvd. Fire control tele plan appvd with comment. 11/15
~~201162~~ 203162	10/19	Norf	
✓ 241908	5/1	CO	List of electrical work to be done by ship's Force L
✓ 222677	7-27 8-7	Bost NY	Dept. furnish elec drawings: 1. Y states inv'd to Norf. L Fwd Norf—8/16 RB 8/27
257388	10/1	CO	Readiness for war service, various electrical instruments, etc incomplete L Fwd Dept via C&R-11-1
✓ 268931	12/11	Bost Personal	Reports on status of electrical work - Y
271224	7-22	To CC	Elec. data report. Information listed. L cc 4/18 - L CO 5-18

DELAWARE: ELECTRIC PLANT.

Number.	Date.	From or To—	Subject.
75772	8/14	NN 1949	Record of Electrical Appliances and plans; reports disposition made of same.L And Norf requests further search be made for Electrical Record.8/19.318.
76993	8/30	To DELAWARE	Record of Electrical Appliances: aka if two copies are n board; if so, send one to N. I.
	9/1	CO	Only one copy on board.L
			1913
87988	1-17	NY 330-758-2	Incidental elec. work in connection with installing platforms in turrets.L
87990	1-17	NY 330-758-1	Incidental elec. work.L
90518	2/14	NY 330-758-6	Incidental electric work, crew's galley.L
90794	2-19	NY 330-510-3	Estimate for elec.wk connection hull div.L
91761	2/6	N.Acad.	Record of electrical appliances; request additional record for NY yard.L
92224	3-11	Nav Acad	Elec. Appliances; no record of receiving.L To NN.Request trace missing copies 3/13.

1913

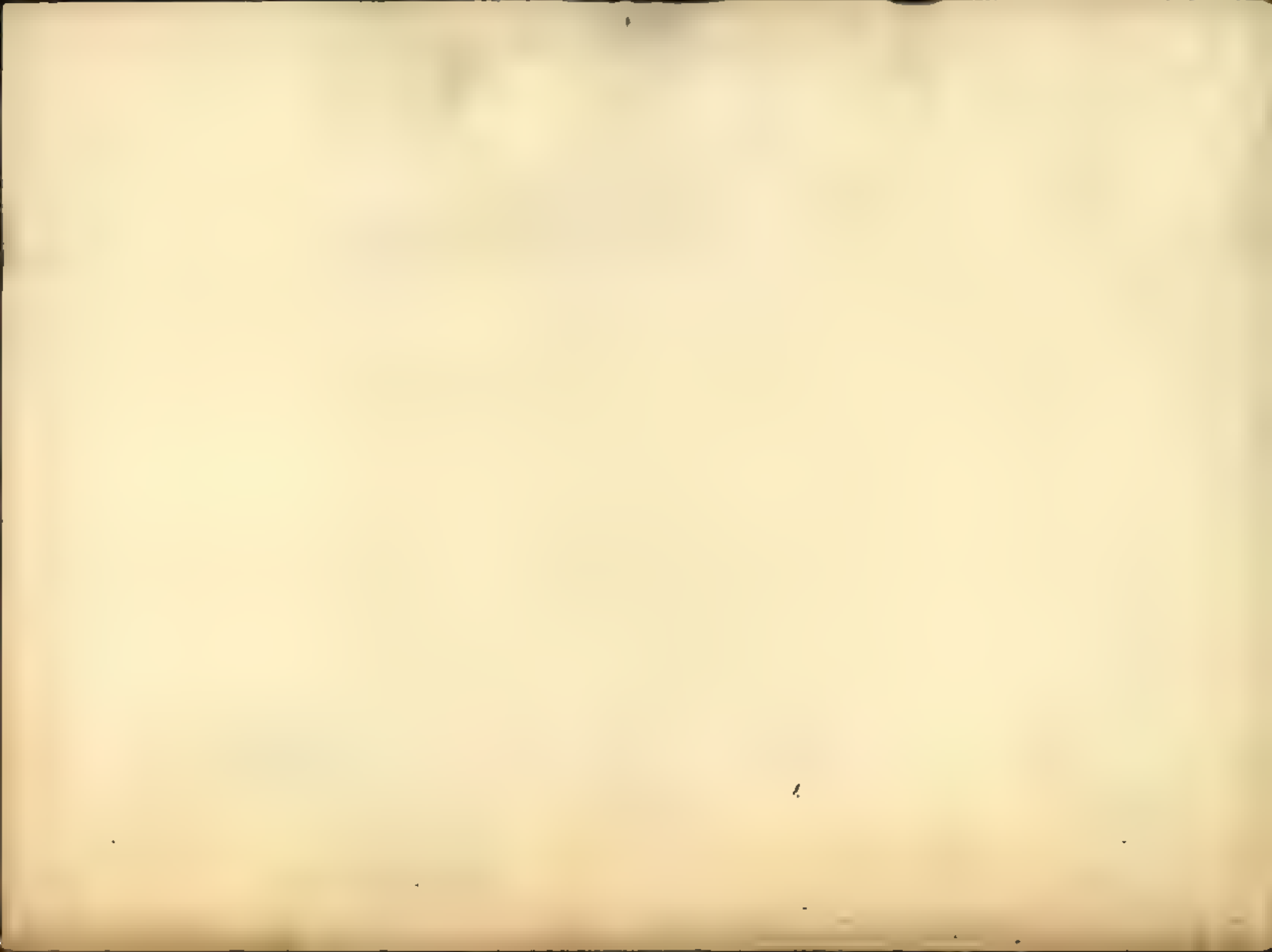
1912

DELAWARE: ELECTRIC PLANT. 182-3

Number.	Date.	From or To	Subject.
✓ 92700	3-17	NN 199	Loss of Record of Elec. Appliances and elec. tracings; have proved delivery to NN Post office and unable to trace further. L Fwd Norf. directs thorough search. 3/18. RB 5-1
95309	4/16	Norf.	Record of Elec. Appliances; states have not been found, and forwards copies of corres. L
100329	6-24	NY 330-2007-2	Record of elec. appliances; not yet recd. L
✓ 107042	9-3 9-9 9-22 10-3	Fleet Nav. Constr At. Flt NY 330-200-1 C&R 27683-E.43	Magazine Refrigeration; submits report on with recommendations for improving on vessel and of future installations. D
✓ 111755	12-1	Norf 3162-419	Reports receipt of finished drawings from NY; Record of Elec. Appliances not received. L To NY. as is when and from whom tracings were received at yard. 12/6
✓ 112805	12-12	NY 330-2007-5	Record of Elec Appliances; recd plans for. L To CO. asks if Record was received with tracings. 12/17 NO NO Record of receiving 12-26 CO missing Record of Elec APP found in stateroom Ensign R.W. Lewis. 3-10 To CO. Fwd one copy to Norf. 3/14.
122417	3-22 4-6	CO Norf 3441-419	Tube shell hoist; incidental elec work. L Fwd Dept. rec appr. 4/15 To-Norf. appd. 4/17. Fwd Ord via C&R. 4/17.

DELAWARE: ELECTRIC PLANT:

FILE No.	From or To— (Dated)	Subject	
v 30193 1/24	NN 19-9	Fwds record of elec. appliances and copy of contract; and asks re furnishing tracings of finished plans.	
34876 3/28	NN 19-9	Elec. appliance book and finished drawings: fws correspondence rel to. L Fwd Norf. 32622-182-4 directed C.O. to fwd. plans to N.Y. 4/10. A.I. 4/15	
39353 5/22	NY	Estimates for changes in interior communication and lighting systems, due to providing temporary quarters for flag officer, in connection with duty at coronation.	182--8
43536 7/7	NY 330-756-2	Estimate on elec. work recommended by NORTH DAKOTA: range lights, cut out switch in central station for eng'g. telegraph. L Fwd Dept via C&R. Rec installation of range light; also on vessels of No. At. Flt. 7/20. Fwd Dept. Rec no change. C/12. R B 8.5 Decision, not to be installed on ships now in commission or future design, but to be on those under construction. To NY. quotes Dept's decision. C/17.	R B 8.5
J 47723 3/6 8/28 9/1	C.O. NY 330-835-3 C&R 22082-E.3991	Suggestions re improving ventilation system; estimates for elec. work. D-L. Fwd Dept. appd. 9/6 R B 9-8a'ppd (all card 182-13)	
73962 7/18	NY 330-2007-1	1912 Requests copy of Record of Electrical Appliances. L Fwd Norf. 7/24. R B 8-7 To NN. regt disposition 8/12 NY regt action 2-12 Fwd Norf. for compli- ance. 2/19. R B 8-5	



DELAWARE: INT COM SYS:

Number.	Date.	From or To—	Subject.
523895	10:18	Boston copy	Request instrns relative to reinstallation of 6 inch broadside guns on L Dept-copy of action to C&R-10;19-L
524361	10:4 10:21	CO C&R	Report on material readiness. Y
524849			Fwd Opems 11-1 L
532649	12:3	Boston T	Request wiring plans for target bearing designators and aux target bearing transmitter. L To Boston Asst Vandyke 11-1
568029	6/10	To Boston	Authorizes installation of auxiliary current supply for Broadside dir to follow the pointer system cc CO DELAWARE NORTH DAKOTA (FLORIDA UTAH) C-1-C Atl Fleet Y
614440	3:13	Dept	Installation of anti aircraft batteries on DELAWARE & NORTH DAKOTA will be held in abeyance. Y C&R-copy of action to Boston-3;18-L

206-4

1920

✓ 2.246

DELAWARE:INT COM SYSTEM:

Number.	Date.	From or To—	Subject.
456157	11:5	Dept	DELAWARE & NORTH DAKOTA - Directions for fitting out in accordance with fire control boards report.L
459583	11:22	C&R	Copy of letter to Boston giving action on report of Board to recommend changes necessary to put into effect requirements of report of Fire Control Board 1919.L
459889	11-22	Boston	Director gear- Fwds drawings. L
473875	1:17 2:31	Boston C&R	Relocation of mast gyro-compass and removal of bulkhead-fwds prints.L Fwd C&R. 2-10
474792	1:26	CO	Request install battle tracers to convert same to dead reckoning tracers.L To- Auth granted for conversion of battle tracers' copy to Bat. 5 and ATL FLT. 2-16
502630	7-1	To Ordn	Director's scope Corr System: Fwds vandyke prints of Plan L.
506184	7-20	To Boston	Gives list of changes rec'd by 1919 ship control bd's report for vessels listed CG CO's DELAWARE-FLORIDA- UTAH C-In-C Atl Fleet 7-20. L cross to 205-4-455-4 ✓

Number.	Date.	From or To--	Subject.	
372346	2/17	To CO DELAWARE	Asks receipt of matrl BL 29056 invoice 514 647-10	
402757	3:13 3:14	JAG Dept	Submits report of Bd to inquire into fire in conning tower of L Fwd Operations, 3-19	
404193	3:18	Submarine Sig. Co	Fwds. copies of insp. of report on Forbee Log installed on L	
403642	3/18	Phone Boston	In. or ed ltr that the Turbett Officer's selector switches for use in connection with director firing system had not been received and requested permission to use in their stand the plug type of switch developed at Boston installed on the DELAWARE. Lbu stated would be satis. L.	308-4
407110	4/1	C&R	Voice tubes - fwds prints - L	
407914	4-4	To DELAWARE	Bu requ report on Sanborn speed recorder L CO Sanborn speed recorder fwds table showing comparative rates 4:24	

Number.	Date.	From or To—	Subject.
410974	4:14	C&R	Copy of let. to CO relative to attention required to gauge masts 1
412443	4:19	C&R	Arrangement of plotting room fws prt 1
413262	4:3 4:22	The Holtzer Cabot Elect Co S&A	Fws. bills covering repairs to ships service telephones 1
413317	4/22	C&R	List of voice tubes - fws print - 1
414111	5/28	Boston	10-11-25 fws. bills covering repairs to ships service telephones 1
452669	10-17	Dept.	Gives action on recommendations of board to put into effect requirements of report of Pipe Control Board 1918 fws report. RS-11125 Fwd. Operations via Navy. 10-25 Fwd. Navy via Ordnance. 11-29 To Capt Boston. List work saved by Dept. 11-29 copy to At: 11-29. NORTH DAKOTA. 11-29 Re L. N. Y. Regt items listed to be undertaken 11-29. 11-29. 11-29.

Number.	Date.	From or To—	Subject.
379794	12/19	Boston	Confirms tel conversation stating CO requests telephone extension be placed in rooming tower in preference W
383066	1:2	Boston	Confirms telephone conv. in connection with not installing ammunition supply indicator sys L
383311	1/2	Bost	Confirms telephone conversation asking when loud speaking telephones would be shipped - 1
		force may install phones when become available 1-11	To Bo ton- Advises phones will not be avail for installa during present repair period of the circuits should be run so that ships Advises work will not be undertaken re portable fire control leads- for
381115	1-10	To Boston	Boston confirms tel. conv. 1:18:19 L
384933	1-14	To Boston	Re installa of loud speaking telephone system on-
386027	1:16	Ins. Phila	Confirms phone conv. in connection with installation of sound proof booth on contract in Mazor Acoustille Co also installation of booth on Sal Paulo L

DELAWARE: INT COM SYSTEM

Number.	Date.	From or To	Subject.	
389768	1:28	C&R	Copy of telegram to Boston authorizing installation of Sanborn speed recorder on L	
390294	1:27	Chadburn Tel. Co	Installation of mechanical engine telegraph satisf. on L	
390491	1:28	Boston	Confirms telephone conv. stating 34 conductor cable will probably have to be used in fire room tel. system L	
5128	1/28	Boston	Confirms telephone conversn in conn w installation of electric fire room telegraph system on DELAWARE	629
392857	2/6	C&R	Copy of telegram to East authorizing installation of voice tubes between navigating bridge and interdict radio room - L	
394766	2/13	CO	Request test and renew as necessary wiring running from comm. tower - L	

RECEIVED: THE CO. SIGNAL

Number.	Date.	From or To—	Subject.
346604	9-11	To Boston	Trans. working copy of wire wiring diagram of target bearings, target turret and multiple turret indicator systems, 1
350171	9:21 10:5	CO At. Fleet Force	Req. overhaul and repair ship service telephone L To CO, req. improved arrangements being made 10-1
360972	10:1	Mem. Lt. Howze	Req. for fire room: tel. rec. instruments be shipped to Boston instead of NY
372202	11-6	To S&A	Repts shipment of soft Rubber Ear Cushions. NY to CO, L RB 2:25 To CO- Inform if material recd. 2-17
372956	11:27	Sub. Sig. Co	Rep material required for repairs to Forbes Log installation 1 Fwd. S&A 12-16

182 - 4: DELAWARE: INT COM SYSTEM.

Number.	Date.	From or To—	Subject.
372764	11-30	To Boston	Re loud speaking telephone system, L-W Boston Dec. 20 To Bost. Re instal. of loud speaking tel. system. 12-28
374953	12-6	To Ford Instrument Co., Ford Instrument Co - submits report 1/22 To- Will install your system on a vessel when same is available. for repair work. 1-28	Rqst bearing indicator system be installed on, L Ford Instr. Co details comment on 12-11 To Ford Instr. Co. Repts. investigation of searchlight gear. 12-17 Fwd. NavOper. 12-17. B B 12-24 To - Author. install. bear. indicat. system on - YOUNG 12-30 Re bearing indicator system for searchlight & broadside director t wers. L Boston Dec. 21 To Bost. Instruct. for install. of Ford system cancelled. 12-30
374955	12-7	To Boston	
377071	21-14	To Boston.	Change-in-spot signal systems are author/
377244	12-14	To Boston.	Fwds / vandyke copy of B. Drawing plan of Sperry fire control & range keeper
381115	12:26	Boston	Confirms tel. Cov. in connection with flexible leads fire control telephones L

DELAWARE: INT COM SYS

Number.	Date.	From or To-	Subject.
299554	4-16	Boston	Cory range and deflection system - confirms telephone conversation relative to shipment of material. L
~~302013~~	4/3	CS	Two voltage motor generators for fire control submit its information re present and future needs. Upon receipt of new 2 kw generator they should be installed. 5-14
302013	4/29	Sims' Copy	7188-1-L-7164 & Delaware--recommends contract with Sperry Co. to install two new gyro compasses--Present installation not satisfactory 205-4
303494	4/25	Del.	Location of Director Scope Towers. L Fwd C&R 5-8
307274	5-16	<u>Sims 7951</u>	& FLORIDA - request that Sperry Co. be furnished with Gyro compass to replace all those installed on. L
310259	4/20	CO	Request completion of installation of Forbes log and repairs to 1 C generator - L

DELAWARE: INT COM SYS. 182 - 4

Number.	Date.	From or To—	Subject.
309657	4/11 5/23	CO C&R	3 inch hulls for fire control leads - request information - L To CO, Authorizing the installation, 5-31
311220Z			
318609	5-26	CO	request authority to completely remove turret tell-tale signals - also request removal of old danger zone system - L To CO, authorizing removal of turret danger zone and turret tell-tale systems 6-26
325906	7/12	Silas COX	1073 - installation of Cory rack and deflection visuals - switchboards, wire and fittings have not been recd - ask if shipment has been made - L
334233	8-7	To CO 3	Authorizing electrical alterations on L Y
ES7500	8/12	CO	request rack box interiors and line plugs for fire control telephone - L
338813	8-21	To CO	Request report on ships service telephone switchboard, L
341120	8-27	To CO	Request current and recommendation re fire control L CO tele-rack 8-15 submits information re wiring of Utah type phones

DELAWARE: ILT COM SYS.

017

Number.	Date.	From or To—	Subject.	
✓ 259055	10/21 11/1	CO Atl Flt	Cory visual - request new wiring for; also applies WYOMING (Cross to 4) *wd Ordnance-11-13 R B 11/16 To Boston (T)-Necessary repairs auth. 11-16	
259056	10/31 11/2	CO Atl Flt	Submits list of additional equipment required for UTAH type telephone - L To Boston via 94 - 11-8 R B 11/25 To S&A - Give a change in 4th endorsement. 11-10	
258544	11-9	To CO Comdr Atl Flt Battleship Div ~~now~~ six Force 2	Installation of Sperry target turret indicators in turret Officer's booth. necessary wiring auth. L	
260501	11-14	To WYOMING T To DELAWARE T NEW YORK	Ask if new UTAH type telephones been re- ceived. L	647-10
262059	11/19	Boat	Asks if two or three indicators for new range and deflection system are reqd - L *wd Ordnance-12-6 R B 12-17 *wd-1-4--RB--1/12 To Boston Jan. 25. Not rackable to furnish vandyke. 1-16	
261242				

DELAWARE: INT COM SYS. 182 - 4

Number.	Date.	From or To—	Subject.
267896	12/10	Bost	Confirms telephone conversation relative to spaces available for installing Sperry system on the DELAWARE -
273386	11/23 1/12	GO C&R	Reports on readiness for war service relative to installation of Sperry fire control instruments, Cory range and deflection transmitters, etc. & Ordnance To Boston - Reports that all material for install of the wiring for Cory range and deflection system be assembled and shipped to Co. Saint not to be made prior to approval of plans by Bureau. 1-17 Fwd Ordnance- 1-17 To Boston- Inform if necessary material has yet been assembled. 3-7 Boston - Status of delivery of material. 1-3-19 To- Has issued ship order covering transfer of this material. 3-28 To S&A (C) conductor cable from Boston to covering Sims copy - #5909 - Request material be expedited. 1-4-2 Best (C) will ship 4/6 - 4/5 D
275647	3-4	Backward To S&A To Boston (C) - Expedite ship material To NY Via S&A Request to ship it of above 9-30 To CO. Reports to Inform of re above, 11-18	Expedite ship material Sims copy - #5909 - Request material be expedited. 1-4-2 Best (C) will ship 4/6 - 4/5 D
280857	2-9	Boston	Asks when Forbes ship loss will be available for installing on vessel at yard. Have no authority for.
290973	4/13	To Bost	Broadside director system. Directs assemble all necessary material, and notify Earl Boston - Gives list of material ready. 5/20 To S&A Request ship director material from Boston to C O. 8-4 To S&A Request inform re shipment of above 9-20 TO CO. cc. Reports on re above, 11-18

565-2

DELAWARE: INT COM SYS.

1917

Number.	Date.	From or To.	Subject.	
✓ 238295	7/5	CO	Temporary director firing circuit in tops L	
239131	7-3	DELAWARE	Fire control telephone circuits; rec. changes to duplicate fore top and main top fittings	647-10
✓ 245287	8/23	To Best NY	Fwds Vandyke print showing wiring diagram; target bearing, target turret and multiple target indicator systems. L To NY—Ditto for NEW YORK & TEXAS. 8/23 To NY—Fwds Vandyke. 8/30 To—Fwds Vandyke showing wiring diagram of target bearing, etc. 9/4	
59-W	9/1	S&A	Relative to shipment from Norf to TONOPAH and DELAWARE of indicator panels.	629
59	9/12	To Boston—Fwds print. 10/13.L To—Reqs changes be made in plans in accordance with instructions of letter Sent. 20th. 11-10 To—Fwds plans. 11-17	Target bearing, target turret and multiple target indicator systems. L To—Plans appvd subject to revision. 9-20 Ask if certain indicator lights are on board vessel.	629
59 W	9/18	DELAWARE	Indicator panels and director indicator shipped from Norf to TONOPAH and DELAWARE; have no name plate data.	629

DELAWARE: INT COM SYS - 182 - 4

Number.	Date.	From or To—	Subject.	
251358	9/24	Bost	Director firing system; alterations to - L To—Instrns re preparing plans. 10/9	
252810	10/4	Holser-Cabot Co T	Re: shipping instrns for UTAH type telephones L To—(T)—Bureau has arranged ~~indicate~~ S&M to have new UTAH type tele- with phones delivered to supply officer NY. 10-5	
59	10/6	Fwd DELAWARE	Indicator panels and director indicator lists required installation, and asks if installed according with.	629
253079	10/6	To Bost	Plan o and deflection system. Re: tests and plans covering proposed installations. LX	
254897	10-15	Ord	& WYOMING: Copy visual range instrument will be delivered Jan 15th, 1918. L To NY— Inform if work can be performed by a traveling working party. 10-17 To Boston— Re: ftd estimates and plans. 10-20.	
256852	10/23	Bost	Confirms telephone conversation relative to range and deflection instruments Sperry target turret indicators in turret officers booth - L	
258092	11-2	To Boston	Installation target bearing, target turret and multiple turret system. Directs form travelling working party to undertake necessary fire control installation on vessels basing basing their- L	

DELAWARE: INT COM SYS

Number.	Date.	From or To—	Subject.
203553	10-24	Norf	Director firing system; plan.L
203777	10-27	Norf	Fire control changes due to installing anti air craft guns.L To C&R—Rec appvl of Norf recommendations Reqt to know action taken. 10/30 To—Bu will appv changes. 10/31 C&R arrft appvd 11-8
204276	11-1	Norf	Fwd C&R—1/5 To CO—Disappvs reqt for special tele outlet on range finder tele cir. 12/4 Changes due to fire control report; plan.L To—Plan appvd with comment. 11/8 To C&R—Fwds blue print for comment. 11/8 RB 11/17 CO voice tube plotting room; offers suggestions for installation 11-11 CO ditto for fire control tels 11-11 To CO—Comments on. 11/17 Fwd C&R—Rec center line bulkhead be omitted. 11/20 RB 11-25 CO reqt reconsideration 11-21
205517	11/17	To Atl Flt	Request comment and rec mmendation for providing fire control telephone circuit for use of Directorscope operator; DELAWARE has scheme for such an installation 647-10
206374	11-23	Norf R	Turret local fire control panel; request authority to modify drawing 2597-L. L To—Reqt disappvd. 11/25
206364	11-27	Norf	Director firing system; fwds estimates.L To—Appvs est. 11/29
208252	11/28 12/11	CO Flt	Fire control phone circuits; alterations necessary to conform to fire control board's report L Fwd Atl Flt—Comments on. 12/19 RB 1-2 Atl Flt fwds report from YOMING on fire control telephone circuits for director firing 12/28

DELAWARE: INT COM SYS. 192-4

Number.	Date.	From or To—	Subject.	
209316	12-18	Norf	Plotting room; changes in; plan.L	
215723	2-20	Norf	Fire control changes; plan.L	
215486	3/21	To Bost	Apprs est covering install on.	647-1
220027	3-27	Norf	Engine revolution telegraph system; motor type; fws plan.L To--Pier fwsd. 4/4	
222390	4-11	Bost	Directorscope; asks if instruments have been ordered and probable date of delivery. L To--Under Bu SE. 4/17	
V227602	4/23	CC	alterations to gun firing circuits L Fwd Ord--For comment. 5/14 RB 5-22 Fwd Bost via NY--5/26--9/20 CC - request action 6/5 L To--Oliver actioned 6/15 NY - states correspondence and prints fwd to Bureau on the 6th inst 6/15 L NY fwsd prints 6/8 To NY--Lan fwsd. 6/29 To Bost--Directs transfer job order to NY. 8/14	

DELAWARE; INT; COM; SYS;

Number.	Date.	From or To--	Subject.
193967	7-19	To S&A.	Reqt shipment two shaft revolution indicators from NY to Norf for. L
✓ 195160	7/27	Norf	Director firing system; fwds plan. L
✓ 195399	8-3	To CO.	Survey #10; telephones; lists invoice prices for. L-Y
✓ 195524	8/3	Norf	Shaft revolution indicators are at yard awaiting arrival of vessel; requisition cancelled. L
196157	8/8	Norf	Fire control changes; fwds plan. L To-- Appvs with modi. 8/15
	8-17	To Norf. (R)	Rean lll; cancelled; requirement re portable fire control loads cancelled. L-R
/ 197475	8-24	TO Norf	& UTAH; engine revolution telegraph sys; re installing motor t. ps; L Norf est 9-15 To -- Revise estimate to include cost of new instruments. 9/21
198405	8-24	CO To Norf. Will appv switchboard with all extras. 10/5	Alterations fire control switchboard. L To Norf-- gives procedure for preparing plans. 9/22 To CO-- fwds copy above. 9/22 Norf fwds plan 9-29
198807	8-31	CO	Reqt master control switch for controlling gun firing and ready light circuits be installed in each turret. L To-- Bu has already auth installation. 9/14

DELAWARE: INT COM S.S. 182-4

Number.	Date.	From or To—	Subject.
199089	8-31	CO	Install distant turret ready light system.L To Ati Flt--Disappvs alteration. 9/18
199788	9-18	Norf	Fire control changes; plans.L
200297	9-12 9-22	Norf C&R	Voice tube changes; fire control; plans.L Fwd C&R--Bu appvs matters under its cognizance. 9/28
201331	10-4	CO	Plotting room; objects to installation of tick tack revolution counters in lieu of speed indicators requested.L To--Does not contemplate furnishing speed indicators. Will install tick tack. 10/16
201486	10/7 To Dept. 10/28 To--Work auth. 11/14	Norf Reqt auth to make change. 10/28 RB appd 1 0/31	& UTAH; engine revolution telegraph system; estimate for installing motor type L To--Ask for revised estimates. 10/21 Norf 10-25
201561	10-7	Norf	& LA; fwds print showing changes made in fire control.L
201658	10-9	Norf	Torp defence voice tube; fw ds schedules showing changes ~~sentencers~~ desired.L Fwd C&R 10/11 Norf (T) reqt action 10-12 RB 10-17
201814	10-10	Norf	Fwd C&R--Rec install of tees. 10/12 RB 10/17 Bells for main engine gongs in central station; estimate.L To--Est disappvd. 10/17
2585344	10/21	??	Target turret indicator in turret officers booth. Request .L

DELAWARE: INT COM SYS.

1510

Number.	Date.	From or To--	Subject.
159958	7-7	Norf	Additional estimate for installation duplicate master compass. L To-- Appvs. 7/9
160396	7-13	To CO.	Fire control telephones reported in material survey; asks why this material failed to withstand the service to which it was subjected; gives items of survey disappvd. L CO 8-18
160646	7-14	To Norf.	Turret telltale system; reqn 58; gives proposed arrangement of; reqt comment on. L Norf 7/26 To CO--Asks what motor generators installed on. 8/2 CO submits list of generators on board 8/9 Fwd CO 8-12 RB 8/26
165139	8/10	Norf	Duplicate gyro compass; fws vandyke of installation. L
172467	11-2	Norf	Director firing system; fws plan and estimate. L To--Disappvs. 12/3
176768	1-20	Norf	Director firing system. L To--Reqt further data on. 2/4 Fwd Ord--For comment. 2/26 RB 3/15 Fwd Norf--Fws a fwd plan; reqt. est. 3/18 RB 5/9 To--Appvs plan and estimate. 5/17
179263	2-15	Norf	Director firing; fws plan. B
183573	3-23 4-3	CO C&R	Alterations to plotting room. L Fwd C&R via Ord--or com ont. 4/12 RB 5/12 Fwd C&R via Ord--Rec appvl. 5/22

DELAWARE: INT COL YS. 182-4

Number.	Date.	From or To--	Subject.
184154	4-2	CO	Location of torp defence station.L
184175	4-3	CO	Request work be undertaken to torpedo defence installation.L To-- Gives action on. 4/14
184906	4-8	CO	Req additional instruments for plotting room.L And Ord-- 4/19 RB 4/22 To-- Best further information on. 4/19 Norf no hickback indicators in store 4-22 To Norf--ave reqd shipment of indicators from NY for. 5/5 To SEA--req for shipment. 5/5
189525	5-31	C&R	Request SE auth work in connection with re-arrgt plotting room.L To Norf--Authorizes changes. 6/3 To--SE work authorized. 6/3
191872	6-25	Norf	Recommends installing entirely new and separate fire control telephone system instead of utilizing present. L To--Appva. 6/29
192764 Fwd SEA	7/6 8/21	Norf	Changes due to fire control board report.L To--Comments on. 7/8 Norf will submit reqn for elec shaft speed indicators; Cory Type; CO states present type unsat 7/13
193004	7-1 7-7	Norf C&R	Changes in voice tube due to fire control board report.L Fwd C&R--Appva changes with mod. 7/14

1014

DELAWARE: INT.COM.SYS.

Number.	Date.	From or To--	Subject.	
123975	4-23	CO	Portable voice tubes for individual gun control.L	
	5-1	C&R	Ret C&R comments and rec.5/7.	
	5-2	Ord		
124304	5-5	Norf	Turret telephone system; fwds prints of changes proposed.L	
124455	5-7	H-C Co.	Copy of letter notifying of shipment of fire control telephones.L	
124914	5/12	CO	Modification of telephone by Holtzer-Cabot Co. Carrying spares on board unnecessary.L To---have orderee sic spare sets on recn.5/16.	
124937	5/15	Ord	Long base range finder (Sperry Gyroscopic Co.) Request authority to install electrical wiring on the DELAWARE for test of	647-12
127359	6/12	Norf.	Long-distance range finder; request data re installing.L To---quotes information furnished by Ordnance.6/22.	
128063	6/22	Ord.	Fwds print of long-base range finder to be installed.L To Norf. Fwds print 6/25 To---reost tracing of Vandike Or.6/25. We have only one set plans on file 7-2 Ord fws print 7-8	

DETAILS: INT COM SYS. 182-4

Number.	Date.	From or To--	Subject.
133802	8-25	CO	Reqt 20 volt storage battery for use fire control and signal service circuits.L TO CO will not furnish 9-8
139908	11-9 11-16	CO C&R	27684-3.56 Portable voice tubing for individual gun control. Reqt.L Fwd C&R 11/19
✓ 142705	12-17	Norf	3811-419 A NORTH DAKOTA: duplicate master compass; submit plan and estimate for installing.L Fwd Nav via C&R-- 12/26 Fwd Norf-- Appvs for work under cog. 1/20 Fwd Nav-- 2/4 To-- Gives Nav's action. 2/15 L-9-10-11: motor test records; fwd S.S.
143108 VOID	12-26	Brook	
143070	12-21	Norf	3538-419 Hand base range finder: print and est.L Fwd C&R-- 1/4 To-- Appvs. 1/14
152802	2/18	CO	191 Alterations to fire control circuits: separate generators for turret tell tales; call bells for upper bridge quarter deck.L Fwd Bd I&S-- 4/21 RB 5/6
158052	6-15	Norf	3155-419 Install visual system in 12 turrets.L Fwd C&R-- For comment and rec. 6/17 RB 6/21 Fwd Norf-- 6/23 RB 6/28
159352	6-30	Navgn	Duplicate gyro compass to be installed as soon after July 1, as practicable.L Fwd Norf-- Noted. 7/6

1913

4✓

Number.	Date.	From or To--	Subject.	
88564	1/22	NY	Recommends holding up work on alterations steam line to dynamo, and install gyro range finder.	to 182--8
90370	2/6	NY	Percentage of completion installing combined conning and fire control tower. L Fwd C&R via Ord. 2/19.	
90672	2-17	NY 330-758-7	Move mechanical telegraph incidental to hull work. Y	
92683	3-5 3-17	NY Comdt 330-749-1	Elec. work in connection installing Gyro range finders. L.	
93082	3-21	Ord	Reqd. wire for target bearing transmitter in fire control tower and plotting indicator in sub; central station. L. To-- work authd. 3/26	
93377	3/20	NY 330-655-1	Turret train in indicator and multiple turret indicator; submits revised estimate. L	
10227	7-9 7-22	CO NY 330-755-4	Report on work performed by Yard; circuits in gyro compass repeaters, short; and uncompleted turret contact indicators. L Fwd Nav. 7/26. RB 8-7 Ret CO. 8/11 RB	8-26
110458	11/15	To Holtzer Cab t Co.	Cont. 162, changes to telephones of, aka when will be prepared to changes, etc	717

DELAWARE: INT.COM.SYS. 182-4

Number.	Date.	From or To—	Subject.
✓ 113283	12-12	CO	Fire control and ships service telephones; rect plans and specs. L To--- Pamphlet #1773 being reprinted; copies will be furnished. 12/30.
113134 VOID	1-5	Norf R	1914 Reports on work done to sthd.p
120061	3-13	Norf 3122-419	Fwds print showing fire control tel circuit for turret officers. L To--- ret prints; request further infor- mation. 3/20.
120731	3-24	Norf 3155-419	Rect authority to put cophite brushes on transmitters. Danger zone system; fwds corres from Nat. Carbon Co quoting prices L To--- appd. 3/26.
✓ 121200	3/31	To CO via S&A	Change in types of fire control telephones; instructions for shipment to H-C Co.: fwds formw. L CO 2/17 lists telephones sent H-C Co. L
122853	4-18	Norf 3122-419	Fwds print of present arrgt fire control telephone panel in connection with tele- phones for turret officers. L Fwd Dept---rec. 4/22 To--- appd except as specified. 4/28.
✓ 123267	4/22	H-C Co.	Fwds copy of letter acknowledging receipt of fire control telephones. L RB 4 28 appd

DELAWARE: INT.COM.SYS:

Number.	Date.	From or To—	Subject.	
✓ 49659	9/25	Ft. Wayne Elec. Wks	motor generators; comments on condition and submit a print showing changes recommended. L 12/5. Ret-Rec. new voice tubes. 12/5. RB 12-12 Ret-Comments. 12/12.	
49532	9/26	Dept	4 GEORGIA: Fwd report on behavior of fire control voice tubes, etc during target practice	215--4
46762		3-2 CAND 2	Salvo motor generators. Fwd NY-12/9 R 12 '18	
✓ 54058	11/20	C&R 22082-503	Fwds corres. from NC, NY, and print as to re-arrangement of voice tubes due to change in searchlight platform. L Ret-Rec. new voice tubes. 12/5. RB 12-12 Ret-Comments. 12/12.	
55208	12/2 12/4	NY C&R 22082-E.517	Re arrangement of voice tubes due to change in searchlight platforms. L Ret C&R-12/6.	
✓ 58042	1/8	C&R 22082-E.528	1912 & NORTH DAKOTA: Fwds plans showing changes made in fire control and voice tubes. L	
✓ 1972	10-13	NY 330-665-4	Gyro compass; estimates for wiring. L. Gyro range finder and turret indicator system.	182-5
✓ 70394	6-5	TO CO	Reqt list of fire control telephones as present installed. In connection with ships reqn. 31. L	

DELAWARE: INT.COM.SYS. 162-4

Number.	Date.	From or To—	Subject.	
✓ 70968	6-10	CG	Gives list of fire control telephones on board.L	
✓ 72269	6-26	NY 330-695-9	& NORTH DAKOTA: estimates for modifying fire control tower and conning. L To---appd.6/29.	
79225	9-28	NY 330-630-5	Salvo firing motor generator set; estimate for change in connection with providing sulphale rheostat.L.	
✓ 81735	11-4	Dept 28024-42	Installation of new conning and fire control tower; directs estimate be submitted.L.	
83809	11/29	Dept	Combined fire control and conning towers, to be installed.	647--11
✓ 83977	11-27 12-2	Dept C&R 27684-E.11	N w conning and fire control tower; Dept. authorizes installation present overhaul period; limit Mch. 31st. L To NY. Instructions. 12/4. Fwd Ord. 12/4.	
84298	11/7	C.O.	Alterations to include new fire control and conning tower.	182--B
85124	12-12 12-14	NY Dept Comdt 52-26	Estimates can complete installation conning and fire control tower by March 31.L Fwd C&R via Ord. 12/12.	
1913				

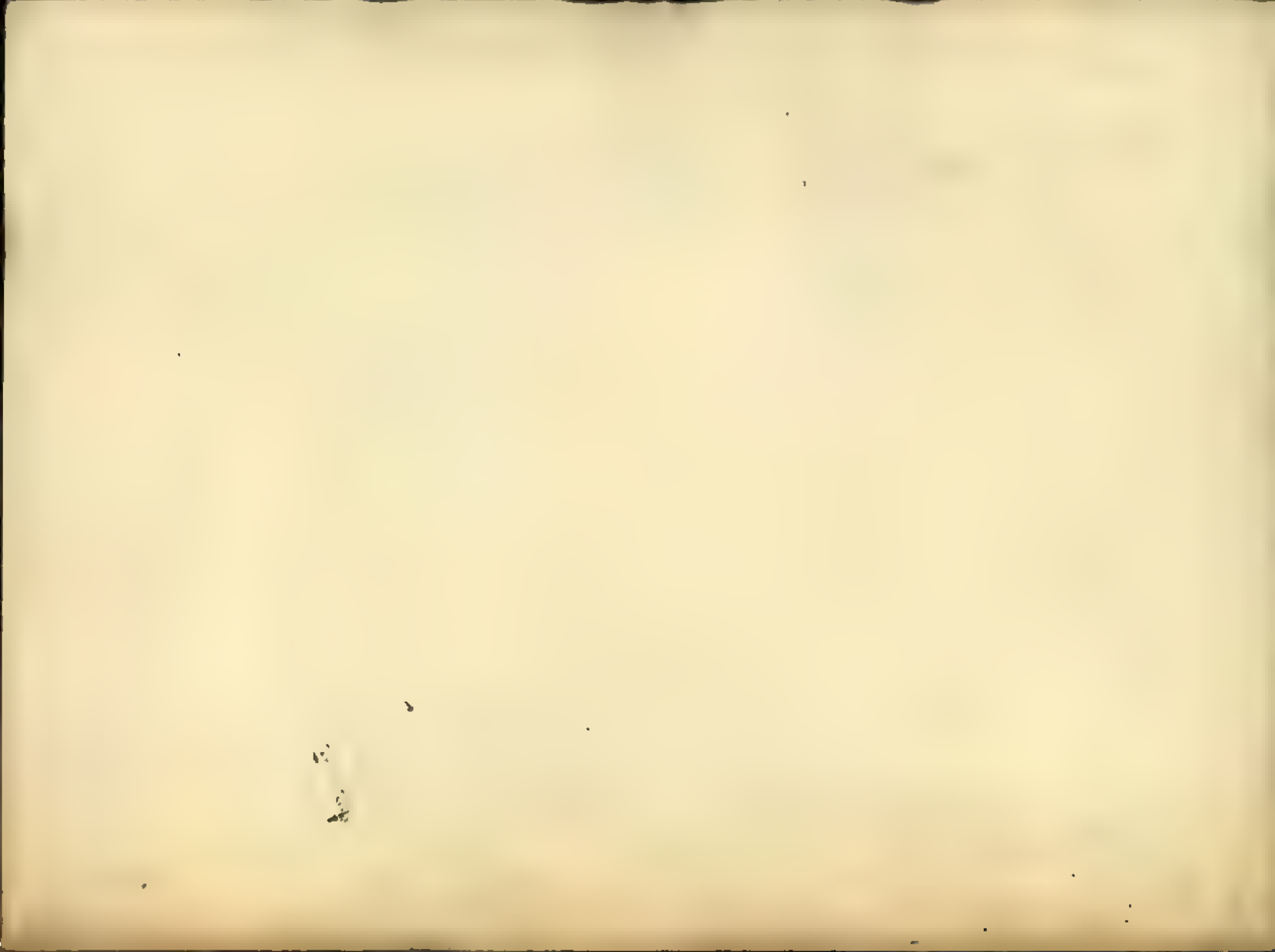
FILE No.	From or To— (Dated)	Subject.
✓ 37146 4/20	C.O.	Reqt. authority to turn in Cory's telephone switchboard at Ky as Holtzer-Cabot outfit has been installed and gives good results. L To -- Auth. granted. 4/28.
✓ 37210 4/24	C.O.	Reqt. more complete system of voice tube call bells between steering room, central station, conning tower, and bridge. L. Fwd KY apnd 4/28.
✓ 37835 5/2	C.O.	Reports on number, make and type of fire control telephones. L
40211 5/12 5/24 6/2	C.O. NY C&R 252-36	Reqt. repairs under C&R; recommends speaking tube from Bridge Deck to stbd quarter deck. L Fwd Dept. Rec. disapp. item 5.1.1. RB 5-7a ppd Ret C&R. Noted 6/1.
40361 6/1 6/3	C.O. NY 330-670-42	Reqt. authority to turn in certain fire control telephone, and switchboard, which have been replaced by other material. L Ret C.O. via NY. Turning in auth. 6/6. RB 7-15
✓ 44443 7/21	C.O.	Reports non receipt of revolution indicator for engine room. L.
✓ 46762 8/15	C.O.	Reports salvo motor generator; recommends removal and 1 kw generator be installed in place of. L CARD 3 Least number of room in which generator was obtained. 8/26. To Lt. C. Type. defect 9/11. It was no more. Reqt. 8/26. RB 10-7
✓ 47529 8/29	C.O.	Motor generators; referred to in letter Aug. 15; gives source of supply, etc. L



DELAWARE; INTERIOR COMMUNICATION SYSTEM:

FILE No.	From or To— (Dated)	Subject.
29029 1/12	Sub-target Gun Co	Engine telegraph system; fwds prints of vibrating bell To -- Type satisfactory. Ref C.O. 1/16. W.B. 1/23
✓ 29372 1/11	C.O.	CO. -- Revolution signal and indicator not recd. 6/18 Reports completion of ships telephone service; Holtzer Cabot type, by ships force and reports on operation of. Ret. -- 12-page endorsement 1/26. R.B. 1/30
✓ 29428 1/16	Norr. 1671-866	Engine telegraph system; reports shortage in delivery Ret. -- via S&A. To Sub-Target Gun Co. Reduction of .2 for non-del. of switch 1/20.
29409 1-20	Fwd DELAWARE	Holtzer-Cabot Co., re cont. 127, reon. 160, NSA. 323--4 for telephone equipment for OHIO/ Fwd for comment and comparison of switch-boards.
✓ 30427 1/30	Elec. Speedometer Co	States are repairing elec. tachometer and will make shipment about end of week. To -- shipmt desired to N.Y. Yd 1/31.
✓ 32622 2/27	NY Yd 330-924-1	Rect. drawings of wiring plans required in connection with fire control installation be forwarded. L Fwd Norr. reast finished plans be fwd to NY and Bu. 3/1. R.B. 3/18. Fwd C.O. for information. 3/22. RB 5-2 Rect. action. L. 4/19 To C.O. Reast reply. 4/22. Ret. -- Advising of action. 4/22. RB 4-20
✓ 32719 2/25 3/1	Elec. Speedometer Co NY Yd	Re shipmtg instructions for turbo tachometer repaired. L Ref. R.Y. hold for ship 1/2
32622	See above.	Fwd NY. 5/4. RB 5-10

See below.



DELAWARE

LIGHT AND POWER

1921

Number.	Date.	From or To—	Subject.
600143	11/29 12/12	CO Boston	Request install pedestal thrust on main generators, act on cc Boston 1/4 12/28 CO DELAWARE 1/5 L
		1922	
615839	3/7 3/28	CO Dept	Request renew cells of Edison storage batteries engine room auxiliary lighting. L
615840	3/28	Dept	Copy of letter to Boston asking vessel available for repairs to thermo galvanometer L
615841	3/7 3/28	CO Dept	Request calibrate Watt meters. L
620694	3/7	CO	Rebind 300 KW armature. L

182-5

Number.	Date.	From or To--	Subject.
✓ 620917	4/26	Boston	& NORTH DAKOTA Submits estimates covg outstanding repairs to generator armature, & name switch board power panel. L to Boston. Re C. is re. 115 5/3 Loc DEIS- ware, 10/13/13
✓ 642870	9/28	To CO	Annual report of Electric plant data returns report L CO 10/13 Fwd annual report also plant data L

DELAWARE: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
398787	2/28	Bost	Asks when deliver of 24 inch searchlights will be made. L To Boston- Searchlights being shipped from Arma Eng. CO and every effort being made to have them reach the Ship by March 10th at NY. L 3-6
404249	2:26 3:13	CO Bat Ship Force #2	Recommendation in connection with strg. bat. installation on L
67 407609	4-3	To CO	British signalling searchlights. Repts give information as to how they were operated with recommendations. L CO reports on British signalling searchlight req. plans for 4:22 L CO recommends against Siemens Bros. British signalling searchlights 4/22 (cross to 708)
417123	5-10	To CO C	Motor for No. 3 three ton ice machine. L CO 5/28 In CO- Stores should be obtained by repn not in excess. on home yard. 5-6 copy to C. Mat. Boston. 5-6

182 - 5 DELAWARE: ELEC LIGHT & POWER;

1919

Number.	Date.	From or To—	Subject.
437498	8-11	To CO	Location of Storage Batteries. Advise of all battery locations. L CO-fwds form showing data reqd. 8;20
457246	10/29 11/20	At Ft C&R	Installation of Evershed searchlight direct- 205-4 tor system and Chadburn searchlight controlling gears- recommends definite action be given- L
503935	7/7	C&R	Copy of telegram to Boston authorizing 708 instln of Evershed Chadburn searchlight control system on DELAWARE. L
507701	7;26	C&R	Copy of letter to Boston in connection with strengthening mast and performance of work installation of Evershed & Chadbourne gear. L
520770	10;2	C&R.	Regt auth incidental work in connection with installation of addtl boiler. L To Boston work authd cc C&R- CO 10-9
536237	12/22	Boston T	Request three transfer switches for UTAH 455-5 and DELAWAREs shipped at once. L

Number.	Date.	From or To—	Subject.
34473	6-10	To C O	Last report of status of work on conversions of High Power Searchlight, 2 CO - parts have not been recd - 7/3 To CO, re conversion to High Power Contract, and shipmt of same 7-24
34471	6-10	To C O	Phone Insp'r Sperry, re shipmt of above 7-24 on board ship, - CO - 7/3
✓ 345745	9-7	To CO (2)	Contemplating shipmt of submersible pump for generators to USS ALABAMA
345388	9/10	To CO DELAWARE	As has rested shipmt of submersible pump motor generator from DELAWARE to ALABAMA 787-1
✓ 373845	11-30	Insp'r. GE	Asks for factory inspection on turbine spares is desired
34427	11/31	USS ALABAMA	Systems required.

DELAWARE: LIGHT & POWER

Number.	Date.	From or To-	Subject.
374955	12/7	To Boston.	Re wiring in line to system for ... and breakdown director to ... 1-24
383310	1/2/19	Bost	18 1-17 Confirms telephone conversation in connec- tion with wiring of lighting circuit in radio room 2-24. To- Renewal of circuit may be made. 1-17
385008	1-14	To Boston T Joint	Re Inspection Report-
388728	1-23	Boston	Confirms telephone conv. relative to instruments of lights in radio room L
392974 ⁵	2-10 3-3	To S&A Boston	✓ Reqt shift searchlights carbons from Phila to Boston, Pa. Phone S.O. Phila- 3-10 Phone Bost n. 2-10 S&A 6/9- Searchlight carbons on shift -
396997	2/20	GE	Fyds copy of letter from GE Co in connec- tion with Chasn Yd securing time limit attachment for circuit breakers, types listed - 1 To GE- Will take up changes in circuit with Comdt Boston Yd. 2-26
		To Comdt Boston- When GE has developed satisfactory overload breaker, circuit breakers will be replaced. 2-27	

DELAWARE: LIGHT & POWER.

Number.	Date.	From or To--	Subject.
207991	12-6	CO	Request authority to turn in storage battery panels that have been replaced by Edison bat.L To via Norf-Discamps reqt. 12/9 RE 12-16 Fwd Ord-12/23 RB 2-7 To Ord-Reqd reply. 1/23 RB 1-26
207992	12-8	Norf	Reports efforts made to secure contact makers for use with Franklin life buoys.L Fwd C&R-12/9
210090	12-30	Norf	Illuminating outfit; estimate and plan.L To--ppvs plan with modif. 1/8
210427	12-30	Norf	Auxiliary lighting system; fws plan.L
Norf 891	1/12	To Norf	Brushes for 300 kilowatt turbo generators. Reqn appvd in favor of Gen Elec Co. LR To Gen Elec Co-Reqn appvd. 1/12
212592	1/24	Norf	Searchlight mechanical controls; old controls reinstalled on account of delay in completing; will ship new ones via LCBAL-ON. Feb 3.L
186021	3/21	To CO	Directs removal of battery and replace same outside of ammunition compartments. 675
306912	4/18	Dept	NY - T- Material for range and deflection system Shipd Norf 5/29. L 6/5 182-8

DELAWARE: LIGHT & POWER.

Number.	Date.	From or To—	Subject.	
230882	5/17	CO	Request authority to turn in arc lights L To—Grants auth. 5/31	
245429	8/22	CO	Reports receipt of storage batteries - asks for what purpose intended L To—(T) Will be installed by ships force. To Best—(T) Directs check system. 8/25	8/25
485 W	9/6	Norf	Reports receipt of 5 storage batteries 3 of which issued to DELAWARE, FLORIDA and UTAH; request instructions relative to disposition of remainder.	629
257835	11-1	To Norf	Aux. lighting Charging panel. Repts expedite delivery of L Norf - panel ready for shipment Dec 15th 11/7 L Fwd CO-11-12 RB 12-26	
275037	2-18	Boston.	Vir. & DELAWARE CLASS. Battery charging panels Reqt fwd preferred plan. L.	607.
305549	5-10	Sims copy 7726 IL 7688	Requests 2 Navy standard bake ovens be shipt.	
310258	5/20	CO	Generator No. 3. - reginding of -- L	

DELAWARE: LIGHT & POWER:

1915

V5

Number.	Date.	From or To -	Subject.	
✓ 185601	4-24	To Norf. (R)	& NORTH DAKOTA-FLORIDA-UTAH: recd information location battery charging station auxiliary lighting batteries for engine room circuit and turret batteries. L	
185745	4-24	Norf	Location of batteries for auxiliary lighting. L	
185599	4-26	NY R	Re location of charging station for auxiliary lighting	121-5
✓ 186002	4-26	Norf	& NORTH DAKOTA: FLORIDA: UTAH. request location of charging panels for auxiliary lighting. L	
186719	5/1	Norf	Aux lighting: fwds prints and estimate. L To--Appvs: 5/11	
188996	5-25	To CO.	Battery charging panel; asks type of battery now installed. L CO fwds sketch 6-5	
✓ 189513	6-1	TO CO	Battery charging panel; asks type installed. L	
191157	6/16	Norf	Searchlights; mechanical control; fwds plans; calls attention to defects in working of old design; recommends purchase of 16 Gray & Pryor Universal joints, installation to be made on DELAWARE and LOUISIANA	708

DELAWARE: LIGHT & POWER. 182-5

Number.	Date.	From or To—	Subject.
✓ 191999	6-22	Norf	Searchlights; for torp defence; print showing location.L To— Appvs. 6/30
✓ 200619	9-27	C&R	Searchlight platforms; fwds plan.L Fwd C&R—Proposed locations satis with slight modifications.10/5
203226	12/16 12/20	CO Norf	Request relocation of searchlights.L To Norf—(T) install with axes at 45 degrees. 10/25
203377	10-21	C&R	Searchlight platform; fwds plan L Fwd C&R—Rec of Norf are rec for appvl.11/2
203428	10-23	Norf	Auxiliary lighting; officers of vessel request change in relay fire and eng rooms.L To—Modifi appvd. 11/16
✓ 204841	11-3	CO	Gen set; rebabbit bearings.L
205308	11-3	CO	Gen sets; repair bearings.L
206368	10-27 11-22	CO Norf	Auxiliary lighting system; submits estimate for auxiliary relay switches.L To Norf—Appvs est. 12/2

1914

4

DELAWARE. LIGHT & POWER.

Number.	Date.	From or To--	Subject.	
124152	3-27 4-17 4-30	CO at Ft Dept	Turret turning gears: makes adverse report on the Cutler Hammer control. L Fwd Ord. 5/6.	
130144	7/9	NORTH DAKOTA	Covers for spare armatures; reports placed on board MARS	321-5
133646	9-5	To CO	Req report relative to the operation of the mechanical searchlight control recently installed on the ship. L To Norf-- Req vandyke prints relating to the distant mechanical control for the searchlights for the Delaware. L CO reports on; superior to elec control 9-28 To Norf-- Fwds copy report. 10/10	
134705	9-16	Norf	Mechanical searchlight control; vandyke. L	
138864	11/5	Norf	NEW ORLEANS: mechanic al searchlight; submits price for modification to type installed on DELAWARE	314-5
143865	1/7	To DELAWARE	Survey of 24 Hubbell lanterns; reqt information re defects developed in	675-7
152074	4/8	DELAWARE	Favorable report on steering light	675-6
152801	2/28	CO	Searchlight mirrors: states those resilvered at Norf proven unsatisfactory. L To Via Norf-- Ship to NY for resilvering. 4/21 To S&A-- Reqt for shipment. 4/21	

DELAWARE: LIGHT & POWER 182-5

Number.	Date.	From or To—	Subject.
157731	6-4 6-12	CO Norf	Misc also repairs. To Norf-- Appva: 6/14
170450	11-4	CO	Gives reasons why spare armatures should be stored at ships home yards in lieu of on board. Fwd Norf Via CO--Inadvisable to carry on board vessel: 11/9 RB 11/19
174549	12/21	Norf	& NORTH DAKOTA: auxiliary lighting; recommends installing shock proof type lamps in turrets. L To--Fwds print of: 12/28
176388	1-15	Norf	Submits estimate for installin new feeder for paint mixing machine; sketches. Y Fwd Air--For comment. 1/20 RB 1/25 To--Appvs est. 1/25
178812	2-14	To Norf.	& NORTH DAKOTA. illuminating set; fwds prints of. L
179792	2-21	Norf	NORTH DAKOTA: auxiliary lights: plans: and estimates. L To--Appvs. 3/7
180834	3-3	Norf	Norf 3-18 circular Feb 17 not recd 3-18 Illuminating sets; fwds plan. L
183235	3-28	Norf	& NORTH DAKOTA: auxiliary lighting; fwds plans. L
185513	4/22	Norf E	No 36" searchlights in store; reqt authority to resilver lights for DELAWARE and FLORIDA 708

DELAWARE: LIGHT & POWER SYSTEM

1912

Number.	Date.	From or To—	Subject.	
✓ 37764	4-18 5-2	CO NY 330-795-2	Re 1. authority to turn in old starting panel. L Ret NY for further information. 1/4. P.	
✓ 68087	4-26 5-6	CO NY	Re NORTH DAKOTA; night signal sets; recommend no alterations be made in L. To NY, no change should be made. 5/P.	
✓ 77523	7/27	CO	Re drawing showing modified semaphore; recommend adoption on Navy standard sets. L Rwd C&R 7/31	
✓ 77683	8-30	NY 330-580-6	Changes in piping to dynamo plant and rearrangement of dynamo room; prints with comments. L.	182-13
✓ 80678	10-17 10-18	CO NY 330-756-3	Re-wire after distribution boards; caused by circuits being destroyed by fire due to short circuit; Yard states will conduct test to eliminate short circuiting of switchboards. L	
1913				
88102	1/18	NY	Estimate, alter lights in turrets, etc.	182--8
✓ 89405	2-3	CO	Asks if reqn. shall be submitted for new night signal set, Continental code. L To --- Instrns provide for return to ship when changes have been effected. 2/P.	

DELAWARE: LIGHT & POWER 182-5

1913

Number.	Date.	From or To—	Subject.
✓ 105761	9-15	S&A To Ord. Fwds prints, 11/20. To S&A, nec for Treas. Dept. to approximate amount business for remainder fiscal year. 12/12	Lamps for: invites attention to excessive price quoted by Westinghouse Co. L To- 9/18 To-C.O. asks why special lamps required 9/19 To-C.O.- re: reply 9/26 Fwd S&A- action deferred 9/29 CO lamps required for use in Sperry Gyro Compass re. eaters. 9-29 To Ord. via Nav and C&R. re making standard. 10/8 Fwd Nav. 10/8 Fwd NY for comment. 10-16 S&A re: action 11-4 S&A rec pur- chase of 1000 Minature Mazda. 11/9 To- rec made in 7th endorsement even date. 11/7 S&A unable to secure from annual cont 11-28
109210	10/30	C.O. VOID	Switch for searchlight, feeder mains on bridge etc 182--8
1914			
✓ 115010	1-7	Norff	Turrets; power wiring; re: plans. L To---plans not required. 1/16
✓ 118747	2-25	Norff	Mechanical searchlight control; estimate for manufacturing for 6 lights. L Fwd Dept. rec appr. 5/3 To Norff. mfr and installation appd. 3/6.
123542	4-24	CO	Re: authority to turn in parts for distant control for searchlights. L Ret---appd. 4/28
123596	4-23	CO	Blinker lights; racks; re: additional control be installed on std board. L Fwd Norff--for estimate 4/29 To Norff. appd. 5/5
123685	4-27	Norff 3533-419	Searchlight control: Fwds print showing mechan- ical. L To---estimate not understood; request information. 5/1 Norff 5/16. submits estimate. Y Fwd Dept. rec appr. 5/19
			TO -- 5-21

DELAWARE: LIGHT & POWER SYSTEM.

Number.	Date.	From or To—	Subject.	
40898	6/9	NY 330-650-2	Illuminating airtal alterations: submits estimates.L. Ret -- via C&R. Forl auth.C/14.	
✓41158	6/14	C&R 22082-E.398	Snds reqt. for fitting canvas screens to top rail of searchlight platform: is first on kind and asks if advisable: L. Ret -- Bu sees no objection to fitting screens.C/11.	reqt
42878	7/6	Bost T	Reqt. authority re installation of gyro compass: C&R authority received.L. To -- Snds copy of 40445-132-F of June 20th. 7/7. To -- Snds copy 40445-132-F. 7/10.	
45894	7/14 8/3	C.O. Boat 5807	Power wiring in connection with gyro compass.L Fwd C&R. 8/11.RLB 8-18	
36302	8/15	To ME	Final settlement: Recd statement from contra accounting RAS. Jns. Bill. S. Rumbler to branch lines from the San. Fr. readers in San. Fr. deck passages.	182-2
48371	9/5	C.O.	F.B. blowers: Reqt changes in power wiring and necessary switch panels so may be run in series of single.	182-10
✓48882	9/8	C.O.	Makes adverse report on 300 kw Curtis turbine gen.sst.L	
49833	9/27	C.O.	Reports breaking of switch panel for drill processes during target practice.L Snds copy reql. L. 9 S C&R. Rn. 180. Bu. made. 10/8.	

DELAWARE: LIGHT & POWER SYSTEM: 182-5

Number.	Date.	From or To—	Subject.	
✓ 51904	9/25 10/21	C.O. Navy 8253	Reports on Sperry Gyro compass; makes suggestions re wiring for. L FwdOrd. comments. 11/7.	
✓ 51972	10/13	NY 330-665-4	Gyro compass; estimates for wiring. L Fwd Ord. Recat detail information. 10/28. BB 11-8 Fwd Det. L. via C&R. rec appr. 11/15. RU 1 27 8 ppd Ret-11/28.	
56630	12/7 12/13	C.O. NY 330-695-8	Re-winding heating coils of motor for mangle in laundry. L Ret NY via C&R-Under C&R. 12/22.	
			1912	
60115	2/18	Dept by End	& N. DAKOTA: no change will be made at the present time on night signalling sets.	205--5
64520	3/18	C.O.	Reports stopping generating sets due to over-flow boiler; recommends that piping to dynamo engine be carried down 6' to prevent recurrence.	182--15
✓ 66066	4-9	CO	Reqt. broken searchlight mirror be replaced. L To --- & NY. Directs NY furnish one from store. 4/22.	
✓ 66790	4-20	Navy 1047	Authorizes installation gyro compass recently delivered on contract 3103 Sperry Gyro Co. next delivery for MICHIGAN. L Fwd NY. Work within capacity of ship's force. 4/23.	

FILE No.	From or To— (Dated)	Subject.	
28450 12/20 1/6	Genl. Elec. Co S&A 106939	Searchlights: will not accept proposed rejection of coils for pilot motors Ref S&A Rec modif. in cont 1/10.	
29129 12/26 1/14	C.O. C&R 21870-E.105	Reports current collector rings on boat cranes satisfactory. Ret C&R noted 1/20.	
35596 3/11	C.O.	Submits scheme for illuminating set. L. Fwd NY. Recd. plan and estimate for modifying as specified herein. 4/14. BB 4-20	
36014 4/12	NN 172	Turbine gen. set: reports shipment of spare gears for governor and pump gear to Boston. L Fwd Bost. for information. 4/15. BB 4-27	
38077 5/8	To Dept	Searchlight towers: alterations; rec same as for S.C. 3110A; 1 To NY. Authorized. 5/18.	321-5
39469 5/17	NY 330-675-6	Cast one truck light bracket. L	
39474 5/22	NY	& N. DAKOTA: estimates for elec. work in connection with relocation of: #3 & 4. searchlight	321--5
40445 6/3	Dept. 23043-11	Recd. estimate for fitting motor generators for operating S. Perry gyro compass. to be installed for trial: Fwds result of trial on DRAKON. L Ret Dept via C&R 5 Nov. Recommendations as charges. C/7. BB 6-28 To NY for auth. C/26. Fwd Nav. 6/26. (T) to Bost. S.S. work auth. 7/6.	



Number.	Date.	From or To—	Subject.	
599355	11/26 12/3	CO Atl. Battleship Force	Subm report on inspection of radio apparatus and nes repairs. W.	
599770	11/25 12/7	CO Atl. Fleet	Report cov. burning out of filament of 50 watt transmitter vacuum tubes model TC telephones. W. Fwd Washington 12/17	
623227	5/2	Atl Battleship Force	Report of inspection of radio & sound equipment W	
626737	5/20 6/2	CO DELAWARE Atl Fleet	Will conduct further test and submit report later on TC equipts. W	898

DELAWARE RADIO

1922

Number.	Date.	From or To—	Subject.
653996	12/18	CO DELAWARE T	Rqsts 2 ammeters be furnished in advance of survey W CO T (T) 60 resistance units required 12/20 W To S&A Rqst shipment of mat from Washn to SO Boston 1743 12/20 To CO (T) Ask why sixty resistance units for type SE 3602 panel needed 12/19 To CO (T) gives status of shipment 12/21 To S&A Rqst shipment of resistance units from Washn to CO 1756 12/21 CO DELAWARE 12/29 T. Request action rel to ammeters W To S&A Rqst shipment of mat from Washn to Boston 1805 12/30 To CO (T) status of shipment of batteries 12/29

DATE: 12/10.

Number.	Date.	From or To	Subject.
529756	11:12	CO	Request print showing forced tube system. To CC Fwds Print 12-11
529785	11:17	Boston T	Hand keys urgently required-request expedite shipments. To C-I-G Brook via SGA. Gives inform instrs re shipment at Boston 11-18 RB-11:27-W Fwd Boston 11/30 RB-12:10-W
501300		Boston-submits est-12:3-7 Fwd C&R 4/18	To Boston (T) Instl tel motor gen if poss 12-2 W Boston-submits est-12:3-W To C&R via C&R Fwds Gives action 12-4 To Boston Gives inform 12-4 RB-12:7-approved-W 1 copy of action to Boston-12:7-W To Boston Fwds Plans 12-7 Boston-T-reqt fwd duplicates-12:6-W Boston-T-request radio apparatus listed be sent at once-12:9-W Boston-T-reqt shipment of insulators for DELTA-23 be expedited-12:11-W To Boston (T) Gives inform 12-16 To Boston (T) Gives inform re 12-20 Copy of telegram to Boston authorizing exceed statutory limit of cost of repairs and alterations on V Boston-confirms telephone conversation in connection with cost of addtl radio work.12:7
533317	12:5	Dept	
539735	12:10	CO	Request equal to set of prints of forced tube system.

100-5:DTM:100: 2:10:

Number.	Date.	From or To—	Subject.
541647	1:19	Boston	File prints showing arrangement of A. J. S. in main radio room.
549629		<i>549629-162-6</i> <i>Standard</i>	CO-4:9-W
559130	4/22	To Boston Ship	Gives list of radio work to be done on
559199	4/23	To S&A Boston	Request shipment of tel set from Wash to SO 7120 W RS-6, W
591428	10/17	CO DELAWARE	Request prints showing model TO battle ship radio equipt. To CO- Fwdg Plans 11/3
597399	11/29	To Boston	Instn of radio equipment Fwdg Vandykesco CO ship NORTH DAKOTA FLORIDA C-1-Atl Fleet - Comd Control force W To Boston (2) Give Detla inform 12/30

1919

9 ✓

Number.	Date.	From or To—	Subject.
421217	5-24	CO	Request audion control box be furnished vessel.
422350	5:31	B S Div #5	Copy of letter to UTAH dir. transf. radio field carts to DELAWARE W
423264	5-23	CO DELAWARE	Battle ship force 3 location of radio room on battleship now with fleet sub report cov W 924
436206	8/20	To Ph Tel	Radio receiving equip for DELAWARE expressed from Wash 8/15th W 567-SP
447731	9/29	To Comdt Boston	Radio apparatus for installation on DELA- 321-6 WARE and NORTH DAKOTA. Notifies of shipment of material. copy to CO's. W
467569	1:5	Boston	Confirms telephone conversation authorizing drawing audion control boxes and miffers from store for W
491177	2:18	CO NORTH DAKOTA (applicable to DELAWARE)	Request shorten aux transmitter antenna install radio telegraph apparatus motor buzzer set install and calibrate radio compass, etc. W

-1920-

~~1010~~

182 - 6

Number.	Date.	From or To--	Subject.
494027	4/30 5/14	CO Atl Flt	Reqst install new receiving apparatus - new buzzer transmitting set, etc - W
499776	6:15	Dept	Vessel made available at Boston for repairs and alterations July 1st.A
502039	6:28	Boston T	Ask when plans and matl for radio force tune system may be expected.W
501300	6:28	To JAA Boston-Fwds prints 11:15-W To Boston via C&R Reqst Action cc CC-C-I-C Atl 11:26 RB-4:3 To Boston Gives instrns 11:26 Boston-T-recommends locate new motor gen berth deck No.1-12:1 Boston-copy addtl allotment necessary-12:1-W	Reqst shift of apparatus from Washn to Boston 3:23-5:10-W To Boston Gives list of eqpt to be instl during the overhaul of the DELAWARE CC CO To Boston Gives instrns re mat listed 7-12 CC-C-8:27-14 CO-7:29-W Boston-Fwds prints 8/18 W.
505967	7:17	Boston T	RECORD -request 4 Dubilier condensers for overhaul of aux spark transmitters be diverted. To JAA Reqst shift of apparatus from Phila to SO Boston 7:02 7-30 RB-7:30-W
506098	7-23	Fwd C&R	Booth Ventilating flower W.
508564	7:26 7:29	Boston C&R	In connection with installation of rigging insulators on W Fwd C&R 8/17
		C&R-copy of action to Boston-8:28	

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DELAWARE: RADIO:

Number.	Date.	From or To—	Subject.
390515	2-3	To S&A	Reqt shift interfleet radio break key from Was to Boston. W
391964	2:1	Boston	Confirms tel. conv. in connection with location of large sound proof booth in radio room W
393045	2/6	CO	Request new allowance list for radio be To - Revised list under preparation and will be fwded as soon as completed. 2-18-19
395445	2/7	Post	Radio alterations - confirms telephone conversation - W
394066	2:8	Boston	Radio tel. set complete installed on W To - Repts that radio radio type CW 936 shipped from Lorr be turned into store for further disposition. 2-18
393658	2-12	To 1st Dist	Radio apparatus for - Lists apparatus auth Comdt to issue from store. W copy to Comdt Boston and CO
393660	2-11	To S&A	Reqt shift audion control box from Wash to Boston. W RB 3:17

1919

DELAWARE: RADIO. 182 - 6

Number.	Date.	From or To—	Subject.
395206	2/13	Bost	Confirms telephone conversation requesting expedite delivery of relay key from Wash Id-W
395347	2:15	Boston	Confirms tel. conv. relative to waive changer for switch W
397196	2:20	Boston	Audion control box confirms tel. conv W
396048	2-19	To OO	(T)-Audion control bx and break pkey expressed from Wash to Boston 2-15th. W
398580	3-1	To S&A	Reqt ship two audion battery charging panels from Wash to Boston. W 3-3-1919
403221	3:14	Boston	Submits description of radio apparatus on W

DELAWARE: RADIO

Number.	Date.	From or To--	Subject.
377477	12-12	Boston	Confirms telephone conversation requesting instructions relative to new location of interfleet radio room W
380859	12:27	Boston	Tel. installation of radio will require 24 days work after structural changes have been made W
381072	12:27	Boston	Confirms tel. conv. relative to installation sound proof booths W
382 859	12:26	Boston	Tel. installation of radio are required 24 days work after structural changes have been made W

1919

DELAWARE: RADIO. 182 - 6

Number.	Date.	From or To--	Subject.
✓ 383709	1/1/19	ost	Confirms telephone conversation giving instructions in connection with telephone extension - a
385535	1/16	Post	Confirms telephone conversation asking if still "Electric Room" roof booth installed on - 1
✓ 385247	1-16	To Insp'r Phila (T)	Arrange with Mazer Acoustila Co send representative to Boston Yd to supervise booth installation. W Phila (T) Mazer Co will send Rep. to Best for work on. 1/15
✓ 389832	1:27	Boston	Confirms telephone conv. directing connect apparatus without protective relay for main radio room W
390517	2-1	To 1st Dist-	Radio apparatus for- Directs install new antenna if present is unfit for use and vessel becomes available for work. W copy to Comd and Engineer Off.
388587	1-31	To SEA	Reqt shipt one set antenna fittings for cage type from Norf to Boston. W RB 4:5

Number.	Date.	From or To—	Subject.
342932	8/14 1929	CO ATL Battleship Force	... service ... radio ... radio ...
354494	10:28	CO Penn.	Amplifier transfer to Delaware.
365924	11-9-	C Chief. (T)	Reacts rejector as crated and mt shore at land. wire station, special messenger will call same. W
369733	11-10	To ... (C)	... detailed ... of radio ...
370036	11-12:9	CO Boston	... Boston recommends low ... be furnished for main rad. room 11:27 W Boston confirms telephone. 2 letters 12:5 Boston confirms telephone conv. 12:12 To C&R 12:14 R B 12:19 To Boston. Plans for arrangement have been fwded. 12-12 12-21 CO and Commandant.
370542	11-18	Boston	Confirms telephone conversation relative to work to be done W
372766	12-2	To ...	... radio booth Phila to Boston. R B 1:9:19

182-6: DELAWARE: RADIO.

Number.	Date.	From or To—	Subject.
373911	12-3 12:17	To Boston Boston	Comments re arrangement of radio apparatus, W To- installation of one 5-kw 120 volt radio transmitter authorized. 12-27
374688	12-5 12:11	To SEA Phila	Rqst shipmt transmitting set Phila to Boston, W Bost - 12/13
374690	12-13	To Boston	Fwds. plan for interfleet station.
379794	1-19	Boston	Confirms tel. conversation stating C. O. requests telephone extension is placed in conning tower in preference W To Bost-n- info re install of radio set- 1/4

DELAWARE: RADIO.

Number.	Date.	From or To--	Subject.
284735	2-26	Sims #4458	DELAWARE - request shipment of radio batteries. To MELVILLE is ship 8 doz- ever ready batteries be shipped from Washington to CO. 3-1 To CO, re failure to report receipt of radio 8-1
290511	3-30	To CO	Enclosed if have on board one Searcy low power trans. not included in your e n. receiver. not included in your e n.
293198	3-28	Sims #5725	DELAWARE - request four DeForest audion bulbs be mailed. To CO (17) - Cannot DELAWARE obtain audion and bulbs from MELVILLE more quickly than ships from here. 3-30 Sims #243 IL 6199 - MELVILLE will supply apparatus required - action on ship's letter unnecessary. W 4-9
304779	5-6	CO	Report of work for month of February. Y
370056	12-14	Fwd C&R- Alterations. W	

182 - 6 DELAWARE: RADIO

Number.	Date.	From or To—	Subject.
✓ 306890	5-14	Sims 7916 IL 7916	Requests shipment of 1/4 KW tach set. To SEA request shipment portable radio field set from Washington to CO 5-18
300732	6-27	TO SEA	Request shipment radio amplifiers from Wash to CO W
7 321496	7-2	TO SEA	Request shipment radio set from Wash to CO W RB 4:3
329253	7-24	TO SEA	Request shipment wave meter Wash to CO W RB 4:3 To CO-1 eqts acknow receipt of apparatus 5-19 RB 4:16
329234	8/12 8/26	Atl Battleship Force 2	Request install 3 and 4000 loath in ship radio room - request local voice & SC pilots in ship radio room and re-install - W CAR 9-18 copy instructions to NY
329233	8/11 8/26	Atl Battleship Force 2	Request ship air cameras and other equipment for use at battleship in radio room

1916

DELAWARE RADIO

Number.	Date.	From or To—	Subject.
177055	1-13	C ^v	Request 5 kw quenched spark gap. W To S&A-- Reqt shipment of from NY. 1/26
185268	4-13 4-13	CO Norf	Replace metal spreaders main antennae with wooden. W To Norf--Comments on: disappva. 4/27
204953	11-7	CO	Request new radio wave meter. W To S&A-- Reqt shipt of radio wave meter from DELAWARE to Wash for overhaul. 11/11
206525	11/25	To S&A	Reqt shipt long range receiving set from Wash to. W
139-79	17/22	To CO	Disa. pvs reqn. WR
Norf 766	2/3	Pwd S&A	Rec cost of Lowenstein Spark Gap G-skets be increased and award made to Lowenstein. WR
216884	3/14	To CO	NSE 25-B and Bu records differ. Reqt further information. W CO 3/27 10-2/9 CO desires to retain 11 76 receiver 4/12

182 — 6 DELAWARE/ RADIO

Number.	Date.	From or To—	Subject.	
230736	5-29	To S&A 5	Reqt shipt of portable radio set from Wash to	897-1
260337	11/13	CO VOID R	Henry Cole Co. sub-contractors for Natl Elec Sup Co. reqt authority to purchase 25 pounds of spring phosphor bronze. ~~W~~ To (T)—Is A battery, B battery or both desired? 11-14	
260337	11/13	CO R	Reqt delivery of audion bulbs be expedited. W CO - (R) recommends Bureau ship parts and batteries to be made up on Board	11/15L
260719	11/17	Atl Flt	Transfers full radio set from A. A. A. A. to	
261097	11/16	Boston R	Request authority to Issue impedance coil. W To (T)—Appve issue impedance coil. 11-16	
261100	11-16	To S&A	Reqt shipt of 6 Western Elec Audion bulbs from Wash for. W	
261368	11-17	To P. L. Nelson (Western Elec Co)	Orders for reporting to Capt Leigh on DELAWARE. Directs bring telephone sets from New London. W	902
261447	11-17	To WYOMING DELA NEW YK.	Bizzer radio set and short wave receiver Directs communicate with NY in order to expedite delivery of apparatus. W	898
262193	11-19	DeForest Company	Reports shipment of 4 AGT receivers to USS FLORIDA WYOMING NEW YORK DELAWARE - request order to cover. W	898

DELAWARE: RADIO.

1914

Number.	Date.	From or To—	Subject.
125769	5/25	Norf. R	Requests instructions re supplying additional receiver. W Fwd CO for information 5-26 R C 2 To---not practicable to issue another. 6/4.
127129	6/9	Norf. 3537-419	Estimate for changing location of radio station. W P.C. Dept. records. C-12 RB 6 10-000 To CO. appd. 6/16.
131000	7-17	CO	Reqt spare armature and radio transfer switch. W Fwd NY. 7/28.
141279	12-2	CO	Reqt new type of radio receiver and waver meter. W To---Have restd shipment of from NY. 12/10 To S&A---Reqt for shipment. 12/10
144782	1-17	CO	Reports on wave meter on board. W To---Auth transfer of from TEXAS. 1/21 To NY---Wavemeter now on DELAWARE will be shipped to yard for further use. 1/21 To TEXAS---Auth transfer to DELAWARE. 1/21 TEXAS: K&C wavemeter no installed 1-23 To TEXAS---Reqt wavemeter be transferred to DELAWARE. 1/27 TEXAS not on board 1-28
146948	1-24	CO	Reqt DeForest audion lamps and permission to retain old type receiver. W To---Auth to turn in at NY. 2/17
153057	4-2	CO	Repairs to. W Fwd Norf---Have restd shipment from NY of 1.5 K.W. wave changing switch. 4/26 RB 5/3 To S&A---Reqt for shipment. 4/26 To Norf---Appvs estimates for. 5/5

DELAWARE: RADIO 182-6

Number.	Date.	From or To--	Subject.	
154200	5-4	CO	Reqt salenoid transfer switch to replace motor switch on board. W To--Reqt shipment of from NY. 5/6 To Norf--Submit est for installing. 5/6 To NY--Shipment switch to Norf. 5/6 To S&A--Reqt for shipment. 5/6	
156311	5-26	CO	Wavemeter assigned: TEXAS states not on board. W To S&A--Reqt tracer of shipment: 6/4 S&A now on TEXAS 6-25 To--Take action on 144782-182-6. 6/24 To--Wavemeter will be transferred to DEL. 6/25	
158435	6-18	CO	Reqt authority to complete 2 100' sections antennae fwd and aft. W To Via Norf--Authorized. 5/25	
158657	6/12 8/21	CO Norf	3537-419 Reqt material for manf new antenna by ship's force. W To Via Norf--Appvs. 6/25	
163727	8/17	CO	Ultra audion apparatus not yet received. W To C.O. cannot supply for 4 mos. 8-23	
163882	8/20	To S&A, DELAWARE	Reqt shipment portable set from DELAWARE to CASTINE	150-6
166446	9/21	CO	Reqt Navy type-A receiving set. W To S&A--Reqt for shipment 9/10/1.	
172926	12-3	At Flt	Appeals aginst shortening main antennae. W To Norf--Use shortening condense s to obtain wave length. 12/6	
173686	12/1	Norf	Radio equipment; changes recommended. W To 12/16	
175718	1-8	To CO.	Bu will reassign of of the three radio receivers to another vessel; asks which receiver recommended. W CO recommends Telefunken 1-20	
		To S&A--Reqt for shipment. 2/21		

DELAWARE: WIRELESS

Number.	Date.	From or To	Subject.	
✓ 50230	10/3	C.O.	Encls list of radiation and current obtained from wireless sets at various wave lengths.W	
53064	12/7 12/8	To NY & S&A To At. Flt.	REC.SETS: Has direct shipment to. for repairs, of receiver.	898
✓ 57280	12/29	To C.O.	Reop. 90: request further information re item 24 for crystals for Perikon detector. Directs submit requisition for crystals.W Eliminate Item 24. 1/3	
			1912	
88794	12-25	CO	1913 Description.W.	
105962	9/17	Delaware	states cords furnished with radio head sets defective	898
✓ 113216	12-18	CO	Radio fleet set: rect.W To --- & S&A request shipment of set from Washn. to ship. 12/22.	
			1914	
✓ 114337	1/8	To CO	Description of installation returned; request new copy.W	
114739	1/9	Clark, C.H.	New navy type wave changer switch, reports on installation on.	900

DELAWARE: WIRELESS. 182--6

1914

Number.	Date.	From or To—	Subject.	
117068	2/7	To Norf via C&R.	Battle radio installation: desired to install during overhaul period: request plans and estimates: fwsd prints.W Norfolk type plans 3-6 Fwd. NY. expedite plans. 3/8. To Norf submit est and plans as soon as practicable. 3/31.	BELOW
112274	2/13	To CO via At. Flt.	Radio material removed should be turned in at Norfolk yard; will be shipped to NY.	900
117068	4/3	To Norf. ABOVE R	Only location radio station plans not detailed plans desired with estimates battle radio DELAWARE.	
121659	4-4	NY R	Battle radio installation: no plans: can fwsd NORTH DAKOTA plans.W	
123455	4-18	Norf 3537-319	Battel radio installation: fwsd plans and submits estimate.W To -- instns 4/27 To S&A Recst shipment motor-gen. NY to Norf. also transducer. 4/27	
123486	4-24	CO	Rqst. field radio set.W To -- it still in store issue to vessel just before departure 4/27	
123389	4-25	TO Norf	Rqst status of installation. W	
126393	5/19	Norf.	Battle radio installation: casing for antenna rat-tail leads; fwsd print.W To -- appvd 5-22	

DELAWARE: WIRELESS TELEGRAPH SYSTEM.

FILE No.	From or To— (Dated)	Subject	
✓ 29486 1/17	C.O.	Reports on overhauling by expert from Telefunken W.T. Co. at Cherbourg.	
✓ 29487 1/17	C.O.	T. Apparatus: reports on efficiency of 5 KW Telefunken set.	876
✓ 30342 1/30	C.O. via Norf. (W)	Reqt. perikon detector be mailed to-day; ship will tomorrow. W (T) to C.O. Shipmt made 1/30.	
✓ 30451 1/31	C.O. W	Reports receiving perikon detectors and wire- less receiving set. W	
✓ 30515 1/28	NY	Reports perikon detector shipped. W Ret -- 2/2.	
✓ 30963 2/6	To Washn	Perikon detector: directs be invoiced to ship.	
38306 5/10	TC NY T	Direct Subinspr Clark adjust aerial. W	903
✓ 39704 5/26	TO NY, S&A & PRESTON	Directs Issue of latest improved type set wireless Specialty, and transfer of old type to PRESTON. W. To C.O. Reqs be sent to PRESTON. 6/1.	
46573 8/11	C.O.	Reports status of apparatus in connection with standard calling wave length. W To direct instructions for obtaining better radiation- report number of jars used 9/29	



4-3241

[illegible]

DELAWARE: SIGNALS: SUBMARINE

√ 1

Number.	Date.	From or To—	Subject.	
47179	8/25	Sub. Sig. Co.	SIGNALS: has received reports of satisfactory ~~report~~ test made by	711--3
✓ 49967	9/22	Boat	Recommends payment of balance due on. L 1912	
			1913	
93014	3/21	To Dept	Submarine telephone and telegraph set, reqd permission be granted Submarine Signal Co. to install on Delaware at present overhaul	711--3
126543	6/5	Fwd CO via Norf	1914 Re removing oscillators 1916	711-3
Reqn 99	11/25	To CO	Disappvs reqn calling for microphones for submarine signal set. LR	
Reqn 702	12/16	To Norf	Reqn for microphones for submarine set. Reqn disappvd. LR	
			17	

1916

1913

DELAWARE: SIGNALS: SUBMARINE. 1837

Number.	Date.	From or To—	Subject.	
209574	12-19	CO	Request microphones for submarine signal set be restored to reqn 99. LR in To via Norf—If repairs/necessary Bu will cancel reqn. 12/28	
Bu 87	1/5	Fwd CO via Norf	Have rec award to Submarine Signal Co. covering reqn. repair and inspection of submarine signal apparatus. LR	
236677	7-3	Sub Sig Co	Fwd inspection reports and bills.	711-3
✓ 241900	8/3	Phone Bost	Work in connection with install of oscillator auth. 1	
✓ 242001	8/3	Phone Bost	Re oscillator install. Y	
242562	8/7	Bost R	Request Bureau instruct Submarine Signal Co to deliver set. 1	

Number.	Date.	From or To--	Subject.
647156	10/20 10/25	CO Battle Force	Submits report on material readiness Y
650517	10/2 11/21	CO Ordnance	Submits report on material readiness Y Fwd's Opers 12/2
652308	12/4	C&R	Comp T to Boston authorizing docking Y C&R 12/4 Co. y action to Boston Y

DELIVERED BY PLANT GENERAL

1922

Number.	Date.	From or To—	Subject.
614471	2 13 3/18	Atl. Fleet C&R	Submit report of inspection. Y Fwd'd Opers via Bd I&S- Ordn-S&A- L&S & Surg- Navign- Maj Gen Comd Marine Corps 4/5
620905	4/12	Atl Battleship Force	Report of inspection BY
621871	5/2 5/4	CO Boston	Request auth to remove steam whistle & ash hoist engine from VIRGINIA for installation on Y
621907	4/12 5/4	Atl Battleship Force Dept	Submits report on matl readiness Y Fwd'd C&R via Ordn 5/13

DELAWARE MACHRY PLANT GENERAL

1922

Number.	Date.	From or To--	Subject.
624671	3/25 5/20	Atl. Fleet S&A	Subm report of inspection. Y Fwds Opers via Ordn Navign- Maj General Comdt Marine 6/6
635442	7/4 7/29	C O C&R	Subm report on material readiness. Y Fwds Opers via Navigation 8/15 Ys
640096	8/16 9/1	CO Dept	Subm report on condition of steam machry and boilers. Y Fwds Opers 9/27
640839	8-10	Atl Fleet.	Report on condition of machy and boilers. Y 493
645539	10/8 10/13	Batlsip Force Atl. Fleet	Summary of work request repair period, 11/20 to 1/5 Y

Number.	Date.	From or To—	Subject.
522440		SEE CARD 14 Cc	To Boston Auths del to ship for i stln oil casings Cc 11-16 Y 1
531759	11:29	Boston copy	Vessel docked.A
532301	11:34 11:34	CO Dept	Report on material condition.Y Fwd Oparns 12-4
542275	1:25 1:25	CO Dept	Report on material condition.Y Fwd Oparns via C&R Ord 1/25.
3 549846	1:7 3:5	CO Ord	Submits report in detail covering auth work uncompleted on overhaul.Y Fwd Oparns via C&R:
560740	4:18 4:25	CO Atl Flt	Submits report on auth and uncompleted alterns under Bureau.L
561695	54:1 5:2	CO Ord	Submits report on matl readiness.Y Fwd Oparns 5/11

Number.	Date.	From or To—	Subject.	
560571	5/3	To Boston Co's	Outstanding alterations directs listed authd alterations be proceed with as directed CC C-1-C Atl Fleet-Comdr Atl Fleet-CO's FLORIDA STAN DELAWARE NORTH DAKOTA W	205-8
563340	no data 5:11	ALL Fitt C&R	Submits report of insp'n. Y Fwd Operns via Ordn-S&A Med & Surgv Navlon	5/17
564864	5:18	Boston copy	Vessel docked. A	
591445	8/1 10/7 19/15	CO Atl Fleet Ordn.	Subm report on material readiness. Y Dept. Lda Y Fwd Operns via C&R 11/5	
593395	10/27	CO	Request machry plans and drawings listed be relased. D. Is CO Fwd prints listed 11/10	
600324	12/15	Boston Copy	vessel undockt. Y	
613118	12 31 8/10	1922 CO Dept	Subm report of material readiness. Y Fwd Operns via Ordn-C&R 3/25	

DELAWARE MACHY PLANT

1940

12

Number.	Date.	From or To--	Subject.
522153	10:2 10:7	CO Atl Ship Squad 3	Request install addtl evaporator feed pump-install fresh water measuring tank etc. D Two Opems 10-12 Alterations 10-13-19-D To CC disavd cc Squad Atl Fleet 10-21
522377	10:1 10:5 10:11	CO atl Flt Dept	Report on material readiness. Y Two Opems via Cn-Cran 10-21
522815	10:13	Boston copy	Gives dates estimates were fwded to various Bureaus Boston-Trans action-10:26-Y
523440	10-21	And Dept To Dept-10-21-RS-11:3-YD&L To Boston Ands co. of action 11/4 To CC not authd 11-8 To Boston (T) gives instrs 11-9 Boston-11:8-Y	Receiv obtain a cvl of report and within of undispatched work with exc and com 1-1-19 To Boston-10-26 Boston-submits report of engng survey-10:9
523115	10:15	CC VOID	Request index of drawings be furnished
525112	10:22	Dept	Copy of telegram to Boston requesting attn be 20-1-19-19 with 10-1-19-19 with 10-1-19-19 and 10-1-19-19
525261	10:23	Car	Copy of insorsement to Dept submitting recommendations relative to report of Survey & Est. Y
525755	11:15	CO	Machy in good condition except steering on 11-19 Two Opems 10-29

132-9: DELETED: 11:11:11:

Number.	Date.	From or To--	Subject.
525011	10:3	CO	Request to install 10' x 4' voice tube to towing and 4' x 4' voice tube to towing of W-2 tower-overhaul, etc. Fwd Opers cc C&R- Urdn- Boston 10-30 RB-11:11 C&R-copy of action to Boston-11:10-Y
525950	10:27	C&R	Fwd Urdn 11-13 Copy of letter to Boston stating no action will be taken relative to alterations-Y
526066	10:27	Dept	Copy of telegram to Boston giving instructions relative to work and what estimates should be made-Y
527148	11:2	Boston	Arrangement of drawing room-fwds prints.D Fwd C&R 11-8 C&R-copy of action to Boston-11:11-D
527428	10:6	CO	Request install communication platform between tubes install voice tube from plotting room to range finders, etc.D Fwd C&R 11-8
527672	11:1 11:5	Boston Dept	Submits estimates in detail covering over- haul-Y Fwd Dept via C&R. cc Boston- cc 11-9 RB-11:24 Fwd C&R 11-36 To Boston Gives instrs cc C & R-11-28
528426	11:9	Dept	Copy of telegram to Boston stating expenditures during July and August will be included as part of present overhaul-Y

DELAWARE: MACHY PLANT

1920

13

Number.	Date.	From or To--	Subject.	
492197	5/6	Dept	Copy of letter to Atl Flt stating NEWADA will be available at Port for docking July 1st. C. C. D. C. at NY and D. C. C. at Boston and	493
493864	5:15	~~NY~~ NY	copy All work contemplated on completed. A&Y	
494940	5:5 5:14	CO Atl Flt	Request install one inch steam pipe in place of 1/2 inch pipe to fuel oil pumps install ~~machinery~~ drip pans, etc. D Fwd Oper's 6-8. RB-6:15-D To CO Via Atl Fleet Gives detld inform 6-16.	
495488	5/30 5/22	CO Atl Flt Bost	Reqt renew defective internal feed fittings- renew lagging on boiler drums. Overhaul blower floods, etc - Y Fwd Oper's cc Atl. div five Atl.- Bost- CO 5-25 RB-8:2-Y RB-8:5-Y	
474889	FROM CARR 12		Boston- Fwds prints. 5/28 D. To Boston- Reqt tracings covering machy be fwd 6-9. Boston-fwds tracings of machy plants-6:17-D To C. C. D. C. 7-14 To Boston- at plan re fwd 7-14 Boston-2 iterations in steam piping to air feed pumps-fwds reinto D	

182-8: DELAWARE: MACHY PLANT:

Number.	Date.	From or To—	Subject.
✓ 499624	6:15	Dept	Copy of telegram to Boston making vessel available July 1st for repairs and overhaul.Y Dept copy of action to Boston-8:26-2
/ 499775	6-21	To Boston	Mat inspection-Work under cog of Bd Gives detld instrns CC Opems C-I-C Atl Fleet-60 Y
501747	6:26	Boston copy	Request definite information relative to urgency of repairs on Board DELAWARE.Y
✓ 502050	6:28	C&R	Copy of telegram to Boston stating vessel will be inspected July 1st.Y
/ 502673	6:30	Dept	Copy of telegram to Atl Flt directing vessel proceed to Balboa for coal.
504613	7:10	Bd I&S	Fwd report of matl insp.Y To Boston Gives detld action CC Opems - 7-22.
505909	no date	Bd I&S	Report of material insp held July 1st.Y
513161	8/14	CO DELAWARE	Report on condition of vessel. Y Fwd Opems 8-25
514240	8:12	CO	Report on matl readiness for war.Y Fwd Opems via Ordn-Navign 9-3

DELAWARE: MACHRY PLANT

Number.	Date.	From or To--	Subject.	
458790	11/19	Atlantic Fleet copy	Vessel available for docking 11/23.	AY
459699	11-24	Atl Flt (copy)	Unable to dock vessel until December.	Y
460203	11-26	Dept	Copy of telegram to Atlantic Fleet making vessel available at N.Y. for docking: A	
461115	12-4	Department	Instructions in conn with matrl inspec. To Bd I&S- fws correspondence. 12-5 Bd I&S-returns corres-8;16-Y	Y
461336	12/6	NY Copy	DELAWARE undocked - PENNSYLVANIA follows -	A
461901	12/6	NY	Copy of work contemplated on completed -AY	

182 - 8 DELAWARE: MACHINERY PLANT

Number.	Date.	From or To—	Subject.
463642	12-16	Atlantic Fleet (copy)	Will proceed to Boston upon completion of present duty: A Y
463946	12:17	Dept C	Copy of telegram to Boston making ship available for repairs. A
463148	12:18	CO copy	Ask when Board will accept vessel. Y
474889 TO CARD 13 or missing from files of vessel-4:7-D To I.M. Hoff- Repts vanoykes of plans listed. 4-30	1:29	CO	Fwd list of prints missing from files- request be furnished. D to CO- Fwd prints. 2-12
474898	1:28	CO	CO-3-7 Dept-copy of action to Boston-5:10-D Request index of machy drawings. D to- Fwd index book of machinery plans. 2-13
489539	4/23	Atlantic Fleet copy	Recommends vessel proceed to Y for further repairs to cross connection steam line engine room, etc
491511	5:5,3	Dept	Copy of telegram to NY making vessel available for repairs. A
492989	5:11	NY copy	DELAWARE docked; PATOKA follows. A
492269	5:12	NY copy	DELAWARE undocked- PATOKA follows. A Y

DELAWARE: MACHY PLANT

1919

Number.	Date.	From or To—	Subject.	
412435	3:16 4:19	CO C&R	Submits report of matl. in readiness war service Y Fwd Operations via Ordnance. 4-26	
432728	7-6 7-15	Atlantic Fleet C&R	Submits report of material readiness for war service. Fwd Operations via Ordnance. 7-17	Y
434932	7:23	Atl Flt copy	Request hold telegram 00324 until further orders in connection with DELAWARE & NORTH DAKOTA. A&Y	
434749	7/23	Atl Fleet	Copy - E.L. made available 7/23 at Mass. for test of Henderson gyro on director. scope. L. Atlantic Fleet- Copy- Del- 7/24 and North Dakota ord to Boston, reas, completion repairs.	779 779
438611	8-12	To CO DELAWARE	Desireable alterations under SE. Repts fwd sketch before taking action. Db	321-8
413207	9:29	Atl Flt copy	Request authority to make vessel available at NY for removal of 5 inch guns.	

183;8DELAWARE: MACHY PLANT:

Number.	Date.	From or To--	Subject.
448638	10:1	Atl Flt copy	Request arrange with yard for removal of 5 inch gun holding down bolts-disassemble guns etc.
450890	10/11	NY	Copy of work contemplated on completed - AY
455210	10-31	CO (copy)	DELAWARE will be substituted for NO DAKOTA for cruise to Italy- Must be docked. AY
457928	11/9 11/13	CO Atl Flt Fwd Operations. 12-22 RB-12:30	Regst renew lengths of copper piping now defective, repair valve chest and fit new valves in steam end of port main air pump, etc - Y Fwd Comdt Boston. copy to Operations and ATL FLT Bat. Div. 5 and CO. 11-17 RB-12:22
458260	11:15	Atl Flt	Copy of telephone conversation in connection with availability of vessel at NY for docking and availability of PROMETHEUS at Norf for docking. A
458649	11:18	Dept	Copy of telegram to Atl Flt making vessel available at NY Nov 23 for docking. A

NA 172: 1201 121

Number.	Date.	From or To--	Subject.
53120	7/21	Horf	Confirms tele. conversation relative to shipment of material for the ~~...~~
✓ 530675	None	None	Accident and repairs to in Confidential File
535813	8-1 8-6 8-12	CO CLR Ord	Submits report of material readiness of ship for war Y in Dept., 11-7
543868	8/10	Co Atl B.t Force	Request repairs to force draft blowers and overlights ship service tel system fuel oil indicator system etc and
548104	8-17	pt	Plans now available at Boston for over- hauling and refitting - A
549967	8-12 9-18	CO CLR	Request complete installation of upper ammunition hoists - remove ash shoot on starboard side etc - fws various prints D&Y and CLR via Ord, 9-23
551002	1/29	Attl. sh. Force 1 Force	Request for material for repair of ship

DELAWARE: MACHY PLANT. 182 - 8

Number.	Date.	From or To—	Subject.
> 353134	9/27	Dept	Fwds 54 page request for repairs - To Boston, re inspection of Mat'l, 10-5 to Dept. for approval of inspection of material, 10-5
355990	10:5	Horr	Re plan, D to Mat'l. plant requested 10-8
360386	10:19	Dept.	Ship will be available at Boston beginning Nov. 15.
372494	11/26	Bost Copy	May be necessary to postpone date of completion, due to additional pressing work - Y
395811	2:18	Boston	Recommends March 10-19 date of completion due to delay in delivery of copper gasket matl. for gun port shutter Y Dept auth. 2:19 Y
> 397987	2:26	At Fleet	Relative to date of completion of repairs

DELAWARE: MACHY PLANT.

Number.	Date.	From or To—	Subject.
241909	8/50	CO	List of work to be done by ship's force Y
241965	7-1	141 211	Reports on readiness for war Fwd Dept via C&R Org--5/9
244405	8/17	Bost R	Gives principal operations that cannot be completed on date set for completion Y
245077	8/22	Dept Copy	Directs Boston not to undertake alterations - all necessary repairs to be completed Aug 27th Y
277690	1-1	CO	Reports on readiness for war service. Y.
206912	4-18 Dept - request action - 5/14 - Y 7-1 7-2 7-9 7-2 RD 6-15 Fwd S&A 8-16 To S&A 6-13 11 6-22	Dept	Material readiness for war. Y To Boston (2) Rept. expedite plans. 1 5/20 Boston - 7 - Plans for ammunition tol- erance system all completed - will enter list of materials on file. To (2) Boston, expedite shipment turret ammunition. 20 To (2) Boston, expedite shipment, 5-20 Boston - 5-20 print, 7-27 Fwd Org. 5-20 print, 7-27 Fwd N Y 6-14 7 1 6/28

DELAWARE: MACHY PLANT. 182 -- 8

Number.	Date.	From or To--	Subject.	
310260	4/20	CO	Request repairs to shaft bushing pipe - Y	
310260	5-20	CO	Submits items of work completed. Y	
312300	6-1	Dept	DELAWARE-assined to Chaltn	774
315309	6-1	TY	Request v. Mykes. D	
316714	6/14	C&R	Delaware and Shaw - copy of instructions to NY Authorizing cancellation of open job order- replies particularly to distant service vessels. Y	570-8
324335	5/17 5/22 7/8	Atle Flt Capt C.R	Quarterly Battle inspection - Y End dept, 7-9	

DELAWARE: MACHINERY PLANT.

1913

Number.	Date.	From or To--	Subject.
193435	7/7	Dept	Military inspection: fws report. Y Retd via C&R-S&A-M&S-MC--Noted. 7/28 To CO--Re defect reported under Question 130. 7/29 CO outboard delivery valve on stbd main condenser open and cannot be closed: reqt add to list of items to be done next docking 8/5
198189	8-19	CO	Forced lubrication system, drain lines, air cocks Control for blowers, dry air line to ice machine, reducing valves. Y Re: Norf--for estimates 9-5 RB 10/16 Fwd Dept--Gives action on. 10/20 RB 10-23 To Norf--Gives action on. 10/24 Norf submit estimate item F 10-26 To Norf--Item F work appvd. 11/7
200289	9-1	CO	List of repairs to be done by ship's force. Y
200928	9-3 10-2	CO Dept	Directs remain at Norf sufficient time to complete all auth work; limit Jan 5. Fwd Dept-- 10/4 To Norf--Instructions. 10/4 Norf relative to fire control changes 10/14
202468	10/13	Norf	Request plans D To--fws lams. 10/18
203118	10/3 10/17	CO Fit	Trap drain line of main air pump; install coupling between motor and crankshaft; ice machine. Y Fwd Dept--Rec appvl. 11/8 RB 11/11 Fwd Norf--11/11

DELAWARE; MACHINERY PLANT.

182 — 8

Number.	Date.	From or To—	Subject.	
✓ 204494	11/4	To Norf	Blue prints showing installation of heating and cooling coils in forced lubri oil tanks received without forwarding letter. Reqt copy of. 11/4	
✓ 206409	11-23	S.A	Bolts and nuts; copy of message sent Norf relative to placing order with firm that will insure early delivery.S	
210884	1/1	At Flt	Collission with SONOMA; report of board of investigation	451-8
217631	3-10	Phila DELAWARE (?)	& PAWNEE; Fwds machy prints purchase with C&R plans from I&H Co. Request Bu numbers	for, 339-8
✓ 233554	6/11	Bost	Request Van Dyke of finished plans D To—Fwds Vandyke prints. 6/28	

DELAWARE: MASHY. PLANT.

1115

Number.	Date.	From or To—	Subject.
161988	7/24 7/28	CO Norf	Renew lagging on main steam separator and main condenser.Y To Norf--Appvs. 7/30
✓ 162007	7/29	Dept	Quotes letter from CO in regard to condition of boilers; Dept states does not desire vessel to leave yard for overhaul unless able to maintain its position in the fleet; if necessary will postpone date of completion.Y (Cross to 10 & Decisions) Norf--re status of vessel repairs 8/3 Fwd Dept--Noted. 8/6
162355	7/26 7/31	CO Norf	Renew ash pans boilers 2 and 4, renew lagging on cold air piping and heating system.Y To Norf-- Appvs. 8/3
162925	8/6	Norf	Recommends date of completion be extended to Sept. 30th.Y
162956	8/9	Dept	Date of completion extended to Sept. 30th.Y
164136	8-13	CO	Renew casing and lagg boilers, repair hand hole and plates, supply monl-metal valve discs.Y To Norf. appvd. 8-24
164939	9-2	Dept	Repair limit extended Nov 1
167702	10-7	Norf	Estimates for combined laundry for officers and crew.
169632	10-28	Dept	Hull inspection.Y Fwd C&R--Noted. 10/29
✓ 169801	10/7 10/25 10/29	Norf Dept G&R	A NORTH DAKOTA: combined laundry for officers and crew; estimate.Y Fwd C&R-- 11/1 To Norf--SE work authorized 11/1 To Phila--Ditto for NORTH DAKOTA. 11/1

DELAWARE: MCHY. PLANT 182 — 8

Number.	Date.	From or To—	Subject.	
170580	11/6	Dept	Repair limit extended to Dec. 2- 2nd.Y	
172489	11-29	Dept	Repair limit extended to Dec 9. Y	
177439	1/28	To Dept	1016 Calls attention to assignment of Senior Asst En ineering Officer to duties outside of Eng Dept	632
179450	2-17	Dept	Hull inspection.Y Fwd C&R--Noted. 2/19	
✓ 183502	3-25	CO To Norf Via C&R--Re ash expellers and ash ejectors. 7/20 To Norf Via C&R--Asks status of installation. 9/23	Alterations; speed valves on compressor pneumatic system; connecting insulating pump to vaporator feed line, install ash ejectors in lieu of rotten ash expellers.Y Fwd Norf-- Gives action on 5/2 RB 5/11 CO regt action item lc 6-6 CO Regt action: 7/20 To--authorized: 7/20	
184728	4/13	CO	Repairs by ship's force during docking period.Y	
184882	4-14	Dept	Repair limit May 8 Y	
185725	4-21	Norf	Submits list of work which cannot be completed during present stay; Dept forwards copy of instructions to yard.Y Fwd Port Via C&R--Noted. 4/26	

DELAWARE: WACHY PLANT.

Number.	Date.	From or To—	Subject.	
123302	4/24	Dept.	June 4 set for date of completion of work.Y	
123781	4/27	Norfolk 3122-419	Survey: submits revised estimates on search-lights, lubricating oil tanks, engine casing, etc.Y To---appd.5/2.	
123837	5/1	Dept	Reqt estimated difference in cost of repairs remaining if shift and over time work is discontinued	377-8
124800	5/13	Dept	June 20th date of completion	377-8
127639	6/1	Norfolk 3122-419	Submits estimate for repairing fireroom plates, steam connection to galley, relag trap piping in dynamo room, change drain line, etc.Y To---appd.6/18.	
138249	10-29	Wilner, Lt. F.W.	Booklet plans: returns: reqt receipt. D To-- Acknowledges. 10/31	
142017	12-11	Dept	Repair limit Dec 20.Y	
152085	4-10	Bd I&S	Reqt repair papers.Y Replies- Bd I&S returns 5-5	
153165	4-23	To CO.	Urgent repair requests: asks whether repairs could not be postponed until regular overhaul: re moulding of holes in headers. Y CO repairs can be postponed 4-30 Fwd Norfolk-- 1/5 RB 5/10	

DELAWARE: MACHY PLANT. 182-8

Number.	Date.	From or To--	Subject.	
154013	5-3	Bd I&S	Material inspection. Fwda. Y	
156138	5-27	Norf 3155-419 See below	Report of board survey and estimates. Y/9	
156148	5-27	To-- Gives action of. 6/10 Dept. Fwd CO-- 6/10	Fwd Dept-- Recommendations: 6/5 Rb 6/9 To Nav-- Quotes item under its log. 6/5 Overhaul commences June 1 in lieu July 1 774	
156961	6-4	CO	Work to be done by ships force during overhaul	
156138	6-12	To Norf. See above. Norf-- generator, reqn 68. is required by item 68 survey report 7/10	Withhold action in connection with supply of condenser tubes and ferrules for re- tubing auxiliary condenser. Y Fwd CO-- 6/12 Norf gives information 6-30	
158302	6-8 6-17	CO Norf	Renew lagging main steam lines, steam line water heater, retube evaporator coils. Y To Norf-- Appvs. 6/18	
159522	7/2	Dept	Repair limit Aug 28th	377-8
159877	7-1 7-7	CO Norf	Repair valves main engines, remove casing and examine drums, boilers, 11.13; and Repair auxiliary feed pump. Y To Norf-- (R) Req further data on. 7/9 To Norf-- (R) Repair authorized. 7/10	
160734	7-15	Norf	Auth repairs; relative to dates of completion. Y	
160776	7-15 7-16	Norf Dept	All auth repairs to be completed Aug 20. Y Fwd Dept via Ord-- Noted. 7/19	

1918

Number.	Date.	From or To—	Subject.
✓ 108366-	10-16	NY	Fwds vandyke prints of fuel oil heaters, pumps, piping, etc. D To---S&A file numbers.10/24
✓ 108361	10-15	NY 330-925-3	Fwds tracings showing changes made in feed water heaters, piping, etc. D To---givea Bu file numbers.10/24
✓ 108686	10-22	Dept	Report of military inspection. Y Fwd Dept via Ord and S&A.10/28.
✓ 109032	10-27	Norfolk	Reqt. print showing work done at NY Yd. D To---fws prints.11/6
✓ 109210	10-30	CO VOID	Switch for search light, feeder mains on bridge and rebuild back wall of all boilers. Y
✓ 112063	12-5	Dept	& LOUISIANA: will be inspected by Bd I&S 12-15 Norfolk Yd. Y
✓ 112330	12-9	Bd I&S	Reqt repair papers. Y To---none on 12.12/12.
✓ 112498	12-9 12-10	NY Dept	Asks if outstanding work to be transferred to Norfolk. Y To RV direct transfer.12/12. Ret Dept via Ord.12/12.
112910	12/10	Dept. 28C24-11	Home yard changed to Norfolk: directs shipment of stores, patterns, etc. Y To RV via S&A reheat shipment.12/19 Fwd Norfolk.1/22.

DELAWARE: MACHY PLANT. 182-8

Number.	Date.	From or To--	Subject.	
✓ 113248	12-19	CO	List of work to be done by ships forceLY	
✓ 113468	12-18	NY	Submits status of work on JO to be transferred to Port.Y Fwd Norf. instructions. 12/27. 113468	
✓ 113724	12-27	Hd. I&S 2206	Material inspection: Awa repa t.Y	
✓ 117501	2-11	Norf	Survey: estimates.Y To C&L & Ord. quotes items under cog. of 2/16 Fwd CO report responsibility for defective work item (28). 2/16 To --- Request details of certain items. 2/16 Fwd Dept. with rec. 2/16. To --- instructions. 2/24 Norf unable to submit details 2-25 RB from Ord. 3/13 CO tanks referred to in report defective work additional oil tanks installed after trial trip 3-4 To --- work authorized. 3/14.	
✓ 121402	3-31	Dept 27741-905	4 KANSAS: copy of radio to fleet directing director firing be completed before sending to yard for overhaul. Y Hd. Dept. VIA Ord. 4/3	
✓ 122712	4-16	Norf	Reqt vandyke prints propeller and boiler details.D	
122634	4/16	Dept	Work to be proceeded with	377-8

DELA ARE: MACHY PLANT.

1913

Number.	Date.	From or To—	Subject.
✓ 88081	1-20	Dept	Authorized workleaves only \$10,000 balance; margin too narrow; directs reconsider authorized work for purpose of eliminating items. Y (T) to NY vd. Request total estimates this repair period. 1/21. To NY request amts. obligated under aff sus. 1/21.
✓ 88102	1-18	NY 330-755	Estimate for installing 4 fuel oil heaters and alter lights in turrets; work already authorized. Y To---apd. 1/27.
88163	1-18	NY Comdt	Obligated estimates \$194,486. balance \$5514. Recommends authority to cancel certain work. Y Fwd C&R via Ord. comments. 1/21.
✓ 88168	1-21	NY T	Gives detailed obligations against SM present repair period. Y To---Amt does not agree with est. listed on Weekly Report of Repairs; requests further report. 1/22.
88446	1-23	NY	Gives itemized statement of amounts now charged against statutory limit under S.M. Y
88564	1-22 1-24	NY Dept 330-759-2	Recommends holding up work on alterations to steam line to dynamo, and install larger separator, and Gyro range finder. Y Ret Dept. comments. 1/27. 12 with Summary of work to be performed & deferred. Ret Dept via C&R & Ord. 2/12.
88602	1-25	NY	Statutory limit; submits revised statement of obligations. Y

DELAWARE: MACHY PLANT. 182---8

Number.	Date.	From or To--	Subject.	
✓ 91067	2/6 2/11 2/17	Dept. C&R NY	Re omitting certain work due to exceeding authorized expenditures. Will cancel for present installing additional ventilation in engine room. Y Ret C&R. 2/26.	
91798	3/5	NY	Considers inadvisable to attempt re-arrangement steam line and valves in dynamo room as only \$7,000 remain. of funds.	182--15
✓ 92022	2-25 2-28	CO NY	330-755-3 Rebabbitt main bearing caps. re-lag said water piping. Y	
94431	4-7	NY	Reqt. numbers for machy plans. D. To--- gives numbers. 4/9.	
95144	4/15	NY 330-925-1	Fwds finished plans showing alterations. D NY 4/30. calls attention to error in 2d par. D	
98526	5-31	Dept 28024-66	Proceed to "Y about June 12th for repairs. Y	
103318	8/8	Dept	Directs insp	774
✓ 105769	9-16	Dept	Postpones material inspection until return from Mediterranean; will be held at Norfolk in lieu of NY Y	
↓ 107244	9-22 ?	Norfolk NY 3120-819 330-688	Reqt. that plans be forwarded to Norfolk. Y To NY. & Norfolk. satisfactory. 10/8 Norfolk 10-18	

DELAWARE: MACHINERY PLANT: GENERAL:

Number.	Date.	From or To—	Subject.
✓ 47182	8/22 8/24	C.O. NY 330-755-13	Alterations; cut out valves main steam line, install larger air pump, inter-change main stop valves, install new elec. dense air ice machine, etc. Y&D To C.O. item have appeared in previous papers, being handled in regular manner. 8/26.
✓ 54234	11/8 11/17	C.O. NY 330-755-14	Repairs to fire and bilge pump; make new cylinder liner and valve seats for aux. and circulating pump; reqst for main pistons main engines, rings for valves; and repair and test gauges. To NY-Appd. 11/23.
54739	11/28	Dept.	Date of completion of repairs changed to Dec. 30th. Y
52146	2/24	Phila	1912 & KEARSARGE: vandykes, reqt aertain drawings 257--8
64779	2-23 3-22	CO Dept	Reports defects in construction which impair its usefulness as fighting ship. D Ref- N.Y. for recom. 3/28 RB 4-18
58155	4-27	Dept 35024-114	Report of inspection. Y Fwd S&A 5-9
✓ 76376	8/21	CO	Requests manufacture of evaporator stay rods, steam launch smoke stack rims, and cylinder lining for ice machine. Y Fwd NY. appd 9/3 RB 9-14

DELAWARE: MACHINERY PLANT: GENERAL. 162---6

Number.	Date.	From or To—	Subject—
✓ 76597	6/22	CO	Requests alterations to Bureau type feed water heaters. Replace present blow valves with Nolan valves and install some method of preventing oil in forced lubrication system entering boilers. D
78287	9-16	Bd. I&S 1698	Reqt. repair papers. Y To— no papers 10/10 Returns 10-23
80204	10/11	NY	APPRO. E of V. submits list of J.O. which will be deferred 604
80637	10-19	Bd. I&S	Material inspection: fws report. Y
81359	10-29	NY	Survey: reports. Y fws elec. survey. 10-29 Fwd Dept. rec appr. 11/29. R. 12-1 pp. To— Appd. 12/5.
81936	10-24 11-4	CO Dept	Report of new CO. Y. Ret Dept via Ord. 11/7.
✓ 84298	11-7 12-5	CO Dept	Alterations: to arrangement of machinery in dynamo room, remove present ash expellers, new oil burners, new air pumps. Department approves repair period extending from Dec. 15th to Mch. 31st; alterations to include new fire control and conning tower. D. To M. Asls it will be able to complete installation of better expellers during this period. 12/13. Fwd C&R. 12/13. NY work required ash expellers 12-15. fwd C&R. 12/23. To NY completion of installation will be undertaken during coming overhaul. 12/27.

- 1913

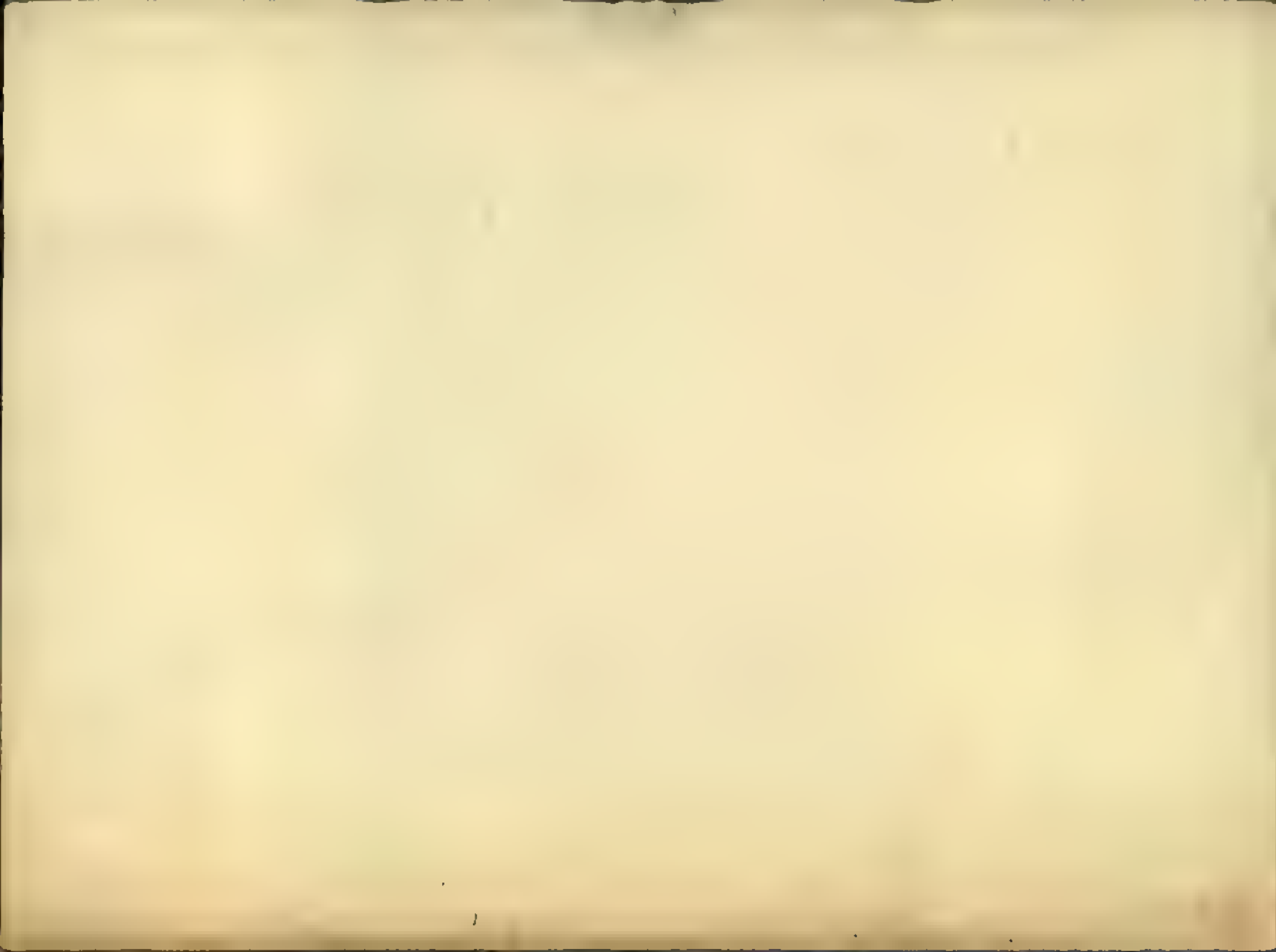
DELAWARE: MACHINERY PLANT: GENERAL:

FILE No.	From or To— (Dated)	Subject.
✓ 37235 4/25	C.O.	Reqt. new evaporator feed pump, alter bends of steam pipes to ice machines, install wire mesh from intakes of forced draft blowers, regrind boiler valves, etc. Y Ord. to purchase of pump; other items recd air pr. 7/28. BB 5-8 appd Fwd NY 5/3. BB 5-10
35598	See Card #1	To NY Apprd in adv. of est. 4/28. Fwd C&R 4/28. BB 5-20
✓ 39353 5/22	NY 330-748-3	Estimates for changes in interior communication and lighting systems, due to providing temporary quarters for flag officer, in connection with duty at coromation. L Fwd C&R. 5/23. BB 6-2
✓ 43189 7/7	NY 3307-558 SEE BELOW	Submits estimates for supplying and installing new feed water heaters, drains, cross boxes super heaters, larger air pumps, dynamo condensers, etc. Y To -- Request addtl information as to necessity for change. 7/13. Fwd Dept. Recd appr of item 26. 7/13. SEE BELOW
✓ 43506 6/30 7/13	C.O. Dept 27504-117	Reports inferiorities of vessel as compared with foreign ships in connection with boiler and engine room ventilation, fresh water supply, evaporators, magazine cooling, ice machines, turret power in battle, battle dressing stations, main steam pipes, steering engines, etc. Asst. Ret Dept. Comments. 7/17.
43189 7/15	SEE ABOVE	NY: Main stop valve; no other information beyond contained in par. 6, letter Mch. 11. D To NY. Item 2-5 appd; item 3 disappd. 7/17. Fwd Dept. Recd appr of changes. 7/22. BB 7-26 appd To NY. Work auth. 7/27.
✓ 46976 8/22	C.O.	Alterations; fit cut out valve, main steam lines, larger air pumps for dynamo condensers, main stop valves, install new stuffing boxes l.p. piston rod, and new elec. driven dense air ice machine for magazine cooling. Y&D



DELAWARE: MACHINERY PLANT: GENERAL:

FILE No.	From or To— (Dated)	Subject.	
✓ 29172 1/16	Dept.	Will be docked Norf. Yd. To be given precedence over SOUTH CAROLINA: MICHIGAN; Requires docking for examination of sea valves; also grate bars and baskets for main boilers. (T) to Norf 1/16.	
✓ 29182 1/16	Dept.	To be prepared for trip to Valparaiso. To arrive Norf. Jan. 17; authorizes work and urgent necessary repairs to be undertaken in advance of estimates. To Norf. quotes Depts orders 1/18.	
✓ 29464 1/19	Norf.	Dock Saturday	407-14
✓ 29608 1/20	Dept.	Must be ready to leave Norf. Jan. 27 To Norf. Dept's memo quoted 1/21.	
✓ 32142 2/12 2/8	C.O. At. Flt.	New feed water heaters, cut out valve in main feed line. To At. Flt. Fwd NY. instructions. 3/20. R.E. 3/30	
✓ 34907 3/28	Dept	Directs docking and preparation of, to attend coronation of King George V, June 19.	
✓ 35598 3/11	C.O. See Card #2	Reot new feed water heaters on boiler main feed lines; gives reasons therefor; states super heater and tubes are constantly rusting and may cause bad accident. Also reot. larger air pumps for dynamo condensers, cut-out valve in main feed lines, shift cooling coils from present location. D Fwd Dept. Rec appr. 4/25 R.B. 4/27 appr. To C.O. items under 4/25. Fwd NY for rec. 4/25 R.B. 5-1	See Card #2.
36910 4/18 4/22	Dept C&R 22002-E.394	Dept. authorizes work in connection with fitting up temporary quarters for flag officer, in connection with visit to Coronation, England. Fwd NY York auth. adv. of estimates/4/25 R.B. 5-23 Ret C&R. 5/23.	



DELAWARE: MAIN ENGINES

Number.	Date.	From or To—	Subject.	
✓ 310001	5-25	To S&A	Rqst shipmt spare crank shaft from Norfolk to Rosyth Scotland, Y	
310001	5-27	To S&A	To Norf Via S&A re shipmt spare cranks shafts 7-27	
310001	5-27	To S&A	To CO Rqst inform re what listed 8-23	
310001	5-27	To S&A	To S&A Rqst cancellation of shipmt of crank-shafts from Norf. 8-23	
310001	5-27	To S&A	To S&A Rqst letter to Norf directing shld crank shafts at 12 pending further instructions	
321005	6-29	To N Y	And var dyke of steam seal stuffing boxes	
329000	7/22	Norfolk	Request var dyke of connecting rod.	
329098	9-27	To Boston	Request var dyke of steam seal D	
329098	9-27	To Boston	Request var dyke of steam seal D	
329098	9-27	To Boston	Boston Seal will be shipmt 10-31	
373845	11/30	Insptr 33	Asks for factory inspection on turbine	182-5
436456	8-4	To CO	Atmospheric exhaust valve. setting of. Should be set to relieve at 10 pounds. copy to C-c ATL FLTBat.Sqd. 3 and Bat.Div. 5Dp	
436456	8-4	To CO	To CO suggests report. 8-11	
436456	8-4	To CO	To CO Setting of spring valve appvd. 9-16	
436456	8-4	To CO	copy to STAR AND PENNSYLVANIA.	

N.S.E. Form 134.

Number.	Date.	From or To—	Subject.	
425561	6-16	To Nns S B Co (T) (Chas F Bailey)	Photographs engines DELAWARE will be satisfactory.	D
471583	1-25	To ATL FLT	Installation of centrifugal oil purifiers disappvd. D	321-9
493398	5:12	Norf	Balance piston - fws prints. D To I.L. Norf. Fws plan 5-18.	
		19-2		
520692	3/13	CO	Grind HP piston rod. Y	

DELAWARE: MAIN ENGINES.

Number.	Date.	From or To--	Subject.
✓ 113228	12-11	CO	Reports carrying over of oil into main feed tanks; and rect supplementary steam seals stuffing boxes be installed on l.p. rods.D
✓ 117503	2-9	NY 6312-585-8	Forced lubrication oil tanks; rect. print. D
1283 Norf	6/17	Norf	Packing rings placed with Johns-Manville. Requests inspection at place of manufacture be waived 629-2
1914			
✓ 131505	7-28	TO Norf	Eccentric strap; asks for what ship mfg: Norf DE LAWARE 8-1
138560	11-3	Norf R	Rect new steam seals. Y To-- (R) Manuf appvd. 11/3
139083	11-7	Norf 3221-419	Steam seal for LP cylinder; plans.D
1915			
✓ 152800	4/18	CO	Rect changes in forced lubrication system to prevent carrying over of oil into boilers.Y To--Rect further details. 5/7
153059	4-18 4-21	CO Norf 3122-419	Repairs to m in engine piston rods, cylinders and liners. Y

DELAWARE: MAIN ENGINE 182-9

Number.	Date.	From or To—	Subject.
157720	8-9	CO	Rect certain changes in forced lubrication. To--Appvs. 6/16
159379	6-30	Norff	Valve stem; main engine; additional estimate for regrounding. Fwd Dept--Have auth work; comments on transfer of men in Eng Dept for this work. To-- Work authorized. 7/2
163471	8-10 8-14	CO Norff	Galvanized iron crank casings for crank shafts; main engine; estimate. To Norff--action awaiting receipt of drawing 8/17 To Norff-- Work authorized. 9/8
164879	8-31	Norff	Main engine; alterations to forced lubrication system.
175456	1-4	Norff	Forced lubrication system; fwd plan. D To--Rect tracing of plan. 1/8
176427	1-14	Norff	Forced lubrication system; fwd tracing showing changes in D
204683	10-27	CO	Rebabbit brasses main engines and renew coupling bolts.
205251	11-4 11-9	CO Norff	Main engines; crosshead pins; CO request he tried up; Yard States do not require grinding. To Norff--Appvs method followed by Norff. 11/13

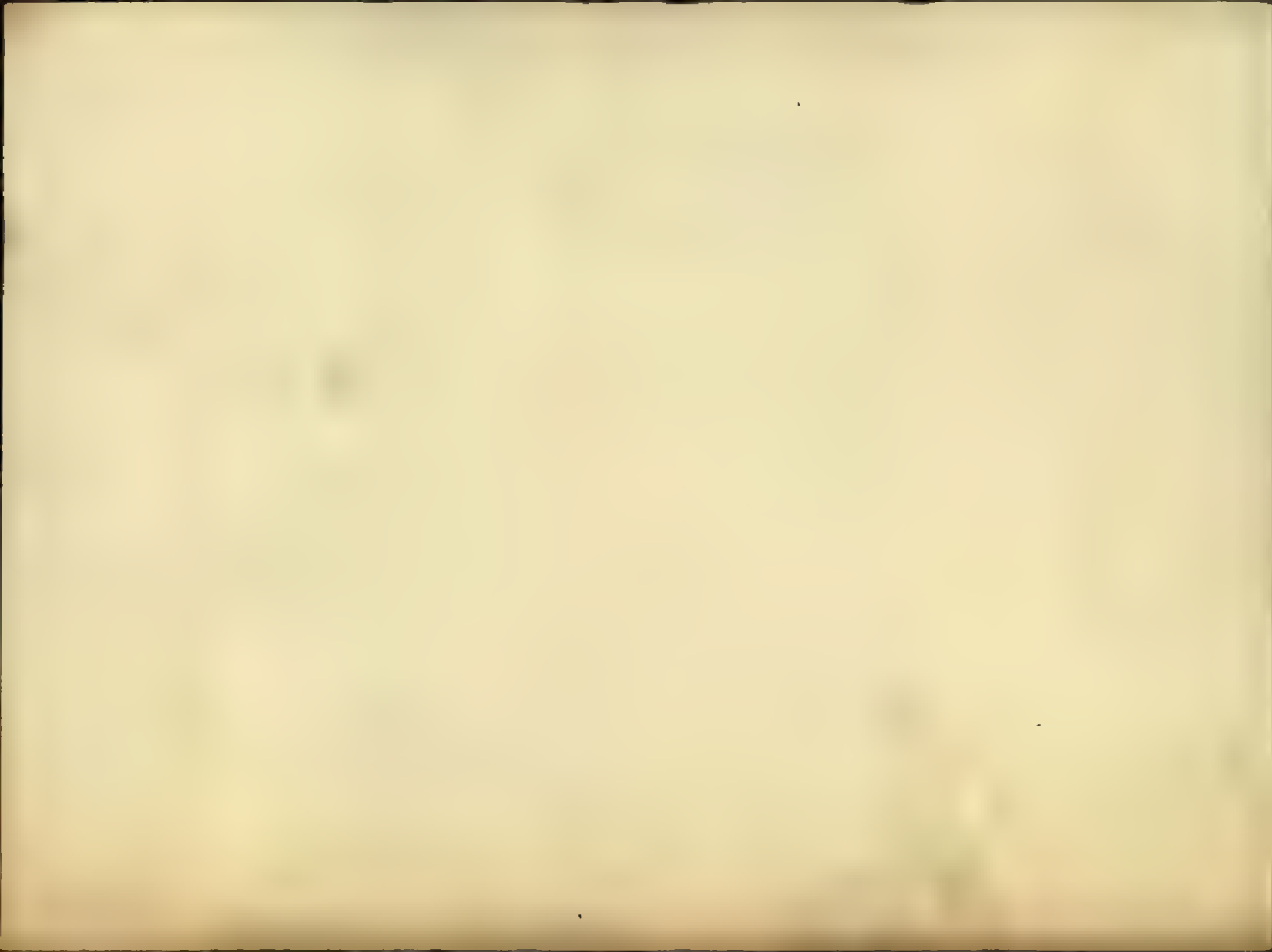
DELAWARE: MAIN ENGINES: ETC.

Number.	Date.	From or To—	Subject.	
✓ 43980	7/16	C.O.	Reqt. mitre gears for operating main.Y	
44197	7/16 7/20	C.O. NY 330-590-7	Reqt. new mitre wheels for operating main.Y	
50664	10/9	To C.O.	PACKING: reqt report on C.L. Cook packing.	693
51024	10/12	C.O.	Piston rod packing: from Cook Mfg. Co. received on board Oct. 11; installation will be undertaken immediately: re. t. spares for.	693
✓ 51375	10/18	TO Nav Acad	Main engines: fwsd prints.M	
53445	11/13	NY 330-925-5	Piston valves: reat. prints.D To---Van Dyke fwd. 11/15.	
64584	3/27	C.O.	1912 Reports on use of C. Lee Cook packing on piston rods during full power trials-- satisfactory. To---Removal not approved at this time. 3/30.	
65639	4-3	CO	Reports breaking of l.p. piston ring bolt and valve liner on account of: accident. 1983 calvered sev. ral times and recommends. By sean approve use of a solid ring in lieu of bolting.D Fwd NY. Satisfactory. If packing rings are made solid. 4/9. R-4-19	
76597	8/22	CO	Forced lubrication - oil carries over into boilers	182-8

Number.	Date.	From or To—	Subject.	
77176	8/30	Delaware	PACKING: reports on the C. Lee Cook L.P. piston rod packing.	693
86448	12-29	CO	Reqt. spares to replace broken parts atbd main h.p. valve.	
86908	1/8	To NY.	1912 L.P. piston rod packing: unsatisfactory performance of steam seal. Request est for installation of supplementary steam seal stuffing boxes.D	
87432	1-11	NY 330-590-2	L.P. piston rod packing: estimate for installing steam seal on stuffing boxes.D. To---Mfr. authorized. 1/14.	
88707	1-18 1-18	CO NY 330-830-2	Main engines, h.p. liners, rings and follower plates; renewal of.	
89322	2/1	C.O.	Reports removal of C Lee Cook Mfg Co's packing and reqt auth. to turn same into store have replaced with US Metallite Packing.	693
99989	6-19	CO	Main engines; supplementary steam seal stuffing boxes installed on low pressure piston rod; no indication of oil found in boiler.D	

DELAWARE: MAIN ENGINES: ETC.

FILE No.	From or To— (Dated)	Subject.	
✓ 30212 1/26	Norfolk 493	Reqt. prints of engine pistons. D To -- Prints fwd 2/2.	
38612 5/9 5/10	C.O. NY 330-590	Repairs to HP piston & follower stbd main engine. Y To NY apprd 5/13.	
✓ 42058 5/28	C.O.	Main engine cylinders; gives diameters; also reports pitch of propellers. Y	
42012 6/26	To C. Lee Cook Mfg. Co.	Piston rod packing. Reqn will be prepared for four sets. Directs preparation of plans. 693	
✓ 42429 6/18	C.O.	Reqt two new h.p. followers for main engines be delivered to ship upon arrival at Boston, and makes suggestions re. for new ships. Y To NY - Has directed Boston to undertake manf. of one follower, and directs manf. of two to be made of cast steel at N.Y. Yd., and reqt estimate. R.B. 7/3. BB 7-14	See below
✓ 42415 6/28	C&R 20070-E-158	& NORTH DAKOTA: Reqt plans showing general arrangement of engine rooms. D	
✓ 42429	See above	Fwd Bost. D. directs mfr of H.P. follower. 6/29 Fwd N.Y. Reqt mfr of followers. 6/29. Fwd C.O. 7/3.	BB 7-17
42685 7/1	Cook, C. Lee Co.	PACKING: fwsd prints of metallic packing which desire to furnish for. 693	
✓ 43749 7/17	C.O. T	Reqt. mitre gears to operate main throttle be shipped by express from NY to Provincetown. Y [It] to Brook. Yd. Directs mfr of mitre gears. 7/17. Fwd S.A. Reqt shipment. 7/17. BB 7-27	



Number.	Date.	From or To—	Subject.
609921	FROM CARD	13	Boston- (T) No repairs nec. 5/2 Y To CG via Atl Fleet desires to limit expen- -itures on ship cc C/A O-- Boston 5/4 To B&W Co.- Request Inform 5/8 B&W Co.- 5/9 D B&W Co. comments on 6/2 D To B & W Co- gives Inform 6/7
639262	8/25	JAG	Fwds report of board of investigation cov fire on board. Y Dept 8/28 Fwds Navigh 8/15 Fwds C&N 8/15 Fwds further report Y

DELAWARE: BOILERS.

Number.	Date.	From or To--	Subject.
310573	5/9	CO	Request authority to carry the alkalinity in boilers at about 3 due to carrying over all lubricating oil into boilers - D To CO Div 9 Atl Flt. The Bureau is loath to ~~we~~ authorize the use of the above. 6-17
315073	5:7	CO	Battleship Div 9 lubricating oil for boilers, commends re-method use to keep it out, submits report covering D
357240	10:9	Allen Bradley Co.	Force draft motors, condensers, fans sketch given dimensions wiring diagram etc. Reason for delivery D
385341	1/14	Post T	Ask if Bu. desires new main feed tanks 12, 13, 14 to (T) - No lagging required feed tanks. 1-15
396266	2:17 2:18	CO Boston	Req. information to turn in boiler tubes Y To CO- Auth to turn into store excess boiler tubes. 2-20 copy to SO Boson and Comdt.

182 - 10

Number.	Date.	From or To—	Subject.
398696	3/10	To Boston	Acknow receipt of ref. (a) and (b) bearing same serial no. changes of reporting receipt of 48 boilers tubes from D.M. 689-1
402156	3/10	CO	Request authorize immediate purchase of spare bearings for forced draft blowers - Y
435601	7:25	Boston	Request print showing Bureau type feed water heater.D
500139	6-18	To East -NY-Phila-Wor	Fwds revised prints re Feed Water Heater.D.
511339	8:12	Phila	Request prints showing Bureau type feed water heater details.D To EO Phila. fws vandyke 8/17
596656	11/19	CO	Request over sized hand hole plates for boilers, be turn for experimental purposes. Y To CO disappvd 11/26
		1922	
609920	12/9 2/8	CO Atl.Fleet	Fwds drawings showing angular twist of boiler headers and methods of taking measures. BY
609921	11:1	CO	Best special oversize handhole plates be issued to replace those corroded comments on.D To Atl Flt-disapproves-2:21-Yd-D Dent- Fws officer Request for reconsideration. To Boston-Atlantic Fleet- CO (T) Gives instrns re: investigation of handhole plates boilers 5/1
CARD 14			

DELAWARE: BOILERS:

Number.	Date.	From or To--	Subject.	
181141	3-1	At Flt	Evaporator: new shells recommended. Y Fwd Norf--Auth manu of. 3/14 RB 3/21 Fwd Dept 3/21 RB 3/23	
183396	3/22	At Flt	Evaporators: request that regulations be amended to direct that drill tests of shells be made every six months after evaporators have been in use one year	633-1
183502	3/25	CO	Install ash ejectors in lieu of Metten ash expellers	182-8
✓ 183775	4/5	JAG	Court of Inquiry: bursting of shell #3, evaporator casing; death of one fireman. Y Fwd Nav Via Dept--Cor outs on. 4/22	
184258	4/8	Norf	Boiler tubes: reqt authority to use on DELAWARE those reserved for NORTH DAKOTA; also instructions relative to stock to be carried	612-3
185887	4-25	To CO.	Asks results of new feed heaters covers recently installed. D CO reports on 5/1	
187611	5-9	CO T	Request new type tube cleaners. Y To--Add to allowance list. 5/17	
198804	8-31	CO	Extend smoke pipe umbrellas over uptake hatch gratings. Y Fwd Dept Via C&R-- Rec disappv 1.9/11 RB 10/4 To--Disappv. 10/4 Fwd C&R--10/4 RB 11/7 Fwd Norf--for Est and rec. 11/8 RB 12-14 Fwd Dept via C&R--12/19 RB 1-2 To Norf--Work auth. 1/2	

DELAWARE: BOILERS. 182-10

Number.	Date.	From or To—	Subject.
✓ 202126	10-11	Norf	Boilers 11 and 12; estimate for restubing. To—Action in proceeding with work appvd. 10/13 Fwd Sept—10/15 RE 10-17 Fwd Norf—10/17 RE 10-23
✓ 202464	10/13	Norf	Evda section of tubes removed from boiler #12 header.Y To—Suggests ends of tubes be swelled in enlarger holes should condition of header warrant this. 10/17
✓ 202593	10/14	Norf T	Request authority to issue boiler tubes reserved for UTAH to.Y
✓ 203004	10/14	Norf	Install controllers for forced draft blowers.Y
203568	10-15	Norf	Necessary to use more tubes reserved for UTAH.Y To—Auth granted. 10/27
✓ 222391	4-11	Best	Forced draft blowers; asks if controllers for distant control have been ordered.Y To—Instrns—4/16
✓ 222775	4/19	To CO	Main feed water heater heads. Ask if riveting satisfactory. D D feed water heaters satisfactory 4/23
✓ 222739	4/19	To CO	Let results obtained with feed water heaters on pipe installation of new feed water heaters. CO reports on repairs made 4/23

DELAWARE: BOILERS. & PARTS.

1915

Number.	Date.	From or To--	Subject.	
153078	4-18 4-22	CO Norf 3215-419	Renew angle irons floor plates in fire rooms. Y	
153103	4-22	To Norf.	Feed water heater: auth manu and installation of new heads for. Y	
159265	6-29	Norf	Boiler material: rect be expedited. YR Fwd B&W--Expedite. 7/2 To--Have rectd B&W to expedite. 7/2	
159876	7-1 7-7	CO Norf	Renew 2 and 4" tubes all boilers. Y To Norf-- Authorized. 7/9	
159877	7/1	CO	Remove casing and examine drums boilers 7, 11, 13	182-8
160480	7-14	Norf 3042	Boiler ash pans: additional estimates. Y To-- Appvs. 7/14	
160523	7-14	To NY.	Old feed water heaters turned into store: asks what disposition has been made of. Y NY old feed water surveys 7-19	
160730	7-15	Norf	Main boilers: cross boxes nipple holes: Fwds list showing sizes: reports on genl condition of boilers. Y	
	Fwd Dept-- 7/26		Fwd Dept--Rec date of completion be extended to permit work. 7/16 RB 7/24	
160729	7-15	Norf	Re-baffling of boilers: additional est. Y To--Appvs. 7/19	
160828	7-8 7-15	CO Norf	Estimate for renewing front boxes boilers Fwd Dept-- Rec appvl. 7/16 RB 7/19 To Norf--(R) Dept directs all work be completed Aug. 20th: repairs auth. 7/19 To Norf--(T) Suggesting present headers and uprights for. 7/23	

DELAWARE: 8 ILERS & PARTS. 182-10

Number.	Date.	From or To--	Subject.
✓ 161375	7-27	Norfolk R	Have issued boiler tubes belonging to SOUTH DAKOTA TO: asks if shall be replaced.
		To--Do not replace tubes. 8/9	To--APL's. 7/24
161382	7-22	CO	Norfolk--relative to replacing tubes used on boilers 8/5
			Reports on condition of boilers and status of repair work by ship's force: fwd's print showing defective tubes. Y
			Fwd Dept--Refers to 160730-182-10. 7/25 RB 7/30
94	7/24	To NPO Norfolk	Boiler parts: reet award be expedited
			6292
162004	7-29	To S&A.	Boiler uprights: front corner; reet shipment of from NY to Norfolk. Y
162075	7/28	S&A	Fwd's copy of radiogram sent to NY, directing that apparatus be shipped to Norfolk if on hand.
			To NY--Asks what shipped. 7/31
162007	7/29	Dept	NY fwd's corrections 8/4
			Quotes letter from CO in regard to condition of boilers; Dept states does not desire vessel to leave yard after overhaul unless able to maintain its position in fleet: if necessary will postpone date of completion 182-8
162216	7/30	S&A	Uprights: fwd's copy of radiogram sent to NY 12. Y
162511	8/3	Norfolk	Copy of letter to Dept relative to repairs to boilers. Y
162530	8/3	CO	Copy of letter to C-in-C relative to condition of boilers; status of repair work by ship's force. Y
165804	8-7	CO	Renew floor plates in fire room
	9-13	Norfolk	To Norfolk--APL's. 9/15

Number.	Date.	From or To—	Subject.	
109210	10/30	C.O. VOID	Switch for searchlight, rebuild back wall of all boilers, etc	132--8
✓ 110453	11/15	TO CO.	Ash expellers; asks if fail to properly discharge ashes when going at high speed. N	
✓ 112449	11-29	CO	Ash expellers; reports on Motten type; unsatisfactory. D	
✓ 113249	12-19	CO	Reqt parts for Motten ash expeller be expedited. Y To---directs submits reon on NY.12/31.	
✓ 113943	12-31	Norf	Ash expellers; reqt print showing nozzles, baffle plating, etc. D	
1914				
117665	2/17	To CO	Ash expellers; requests report of any difficulty experienced with.	485-10
119824	3-10	CO	Reports on operation of ash expellers. N	
✓ 120704	3-21	CO	Internal fittings of boilers; reqt alterations. Y Fwd Norf. appd-3/26/REB - 3	
135410	9-18	CO	Reports reasons for renewing 400 t. bus boiler 14, and returning boiler No. 10. NY	

1915

DELAWARE: BOILERS: 182-10

Number.	Date.	From or To—	Subject.
✓ 145550	1-26	CO R	Reqt uprights for boiler. Y Fwd S&A--Have recd shipment from Norf. 1/26 To Norf--(R) Pres pre for shipment. 1/26 Norf (R) reports shipment 1/27 To--(R) Reports shipment. 1/28
✓ 145804	1-29	CO R	Reqt authority to carry boiler water alkalinity from 0 to 1 1/2%. M To--(R) Auth granted to carry low alkalinity of boiler water. 1/28
✓ 147314	1-27	CO	Feed water heater: Bureau type; very unsatisfactory; rect be replaced. D To--Fwds print with rect be marked showing defects. 3/3
149205	3-9	To NY.	Feed water heaters: comments on discrepancy in drawing. D NY explains 3-11
150780	3-15	CO	Feed water heaters: fwds marked prints showing leaks in points where difficulties have been experienced with Bu type. D.
151089	3-23	CO	Fit supports inboard end of cross boxes. I Fwd 1/28 for est and rec. 4/2 RB 5/12 To Norf--Appvs. 5/13 RB 5/24 To Norf--Cancels work. 5/24
✓ 153052	3-23	CO	Reqt repairs to. Y
153058	4-18	CO	Renew ash pans 8 boilers. Y
153061	4-18 4-21	CO Norf	Mold holes in headers for 4" tubes. Y

DELAWARE: BOILERS & PARTS.

1913

Number.	Date.	From or To—	Subject.
88791	1-26	CO NY 330-835-5	No evidence of active pitting or corrosion and recommends no work be done on boilers at this time. Y To NY. Instructions. 1/29.
Reqn 1058	2/25	Dept To	Baffle brick, recommend purchase in Maurer & Son.
Reqn 1031	2/25	Dept To	boiler tubes, recommends purchase. B&W Co.
✓ 91289	2/27	CO	Requests authority to turn in old type of water testing outfit. N Ret---authorized. 3/1.
91427	2/15	CO NY 330-535	Manufacture handhole plates. Y
92227	3-10	CO	Metten ash expeller: reqt. prints of turbine, pumps, etc. D To J. R. Metten (Cramps) asks if Vandykes can be obtained; also reqst price for set spare brasses. 4/2. Cramps Co. vandykes can be supplied by NY 4-3 To---& NY. Reqst NY furnish drawings. 4/4.
94323	4-7	CO R	Port and stbd feed water heater bad condition; reqt. work on new be expedited. Y
94522	4-7	CO	Feed water heaters; reqt. work be expedited. Y Fwd NY asks as to probable date new heaters may be installed. 4/11. BB 4-18

DELAWARE: BOILERS & PARTS. 182---10

Number.	Date.	From or To—	Subject.	
95272	4/2	CO VOID	Reports on inspection of side boxes of boilers Nos. 1, 2, 3 and 6.Y	184-10
95615	4/23	Cramps	Ash ejector pumps; quotes price for furnishing complete set of brasses for one turbine and one pump.D To CC.Recn should be submitted.4/29.	
V 95650	4/25	CO	Main feed water heaters; reports on condition of.D Fwd NY.Par.2 approved.4/26. RB 6-9 Ret. for information.5/2. RB 6-9 Fwd NY- Asks if Ships force can install 5/12 Fwd NY.Ash as to work involved.5/17. RB 6-4	
97514	5-13 5-15	CO At.Fit	Rect. feed water heaters ready for installation By June 1st. at NY be installed.Y Fwd Dept.asks when ship will be available for installation of new heaters.5/27 RB 6-4 Fwd NY.instructions.6/11. RB 6-10	
98437	5/30	GO	Main feed water heaters; request new.Y Fwd Dept.6/2. RB 6-4	
105250	9-6	CO	Rect. authority to turn in boiler zinc baskets.D TO --appvd 9-9	
108366	10/16	NY	Fwds vandyke prints of fuel oil heaters, pumps, piping, etc.	182--8
108361	10/15	NY	Fwds tracings showing changes made in feed water heaters, piping, etc	182--8

DELAWARE: BOILERS & PARTS.

1912

Number.	Date.	From or To—	Subject.	
✓ 72107	6-21	NY 335-125-18	& NORTH DAKOTA: hydraulic ash expellers; fws print showing stiffening rings; opening in inner and outer bottoms. pipe sets. Arges sets be delivered in time to install on NORTH DAKOTA about July 1st. D To---directs communicate direct with Crampa. To Cramp Co. reqst fwd setting plan to NY 6/27. Crampa report plans forwarded to NY 7-1	
72687	7/3	Crampa	N. DAKOTA: expect to make shipment valves for ash expellers, next week, asks auth. to go ahead with Delaware's work.	321--10
73293	7/12	Crampa	& N. DAKOTA: will ship outboard valves July 15th. Will give N. Dakota precedence.	321--10
✓ 78922	9-18 9-21	Enc. Brittania Nav. Intel	Boiler explosion; rect. data .F TO ---gives information. 10-1	
✓ 81931	11-5	CO	Stone ash expeller; rect. authority to turn in engines, spare parts, etc. when expellers are removed. D-R To---appd. 11/7.	
84298	11/7	C.O.	Alterations, remove present ash expellers, etc	182--8
✓ 85502	12/19	To NY	Fwd water heater; request estimates of time and cost to manufacture two; fws prints. D	

1913

DELAWARE: BOILERS: & PARTS: 182-10

1913

Number.	Date.	From or To—	Subject.
✓ 86605	1-3	NY 330-640	Feed waterheater; estimate for manufacturing.D. Fwd Dept. recd mfr be apd. 1/6. B&W 1-8 and ret. N.Y. 1/8. 17 Fwd Dept. Rec item (b) be apd. 1/21. B&W 1-25 To---in- structions. 1/27.
✓ 86979	1/8	CO	Stone ash expellers; request permission to turn in air compressors belonging to those being removed. To C.2 via N.Y. approved 1/9
87433	1-11	NY 330-539-1	Modification internal feed piping, main boilers; asks if Bureau intends to make change on this vessel. D. To---Not Bu's intention to enael pro- posed change. 1/17.
87522	1-13	CO	Reqt. 4 new front cross boxes for . Y
87720	1-14	CO	Main boilers; reports on condition of oil enters boilers, reports number of leaky tubes, cross boxes out of line and oil carrying over. Y To NY. Directs investigate and report on condition of boilers. 1/18. To---instructions. 1/18.
88036	1-18	B&W 755-258	Boilers; fws prints for approval. D.
88100	1-18	NY 330-640-6	Feed water heaters; proposition from Grisco Spencer for furnishing. D. To---Not apd. 1/22.
88706	1-24	NY 330-535-4	Report of board on condition of boilers. D. Fwd Dept. Rec approval of est for repairs. 1/28. (1) To---Proceed with re. ahrs. 1/29.

DELAWARE: BOILERS & PARTS.

182

Number.	Date.	From or To—	Subject.	
61859	2-12	C.O.	Ash expellers: unsuitable and reports faults in detail; recommends removal. D To—Asks if have trouble with ashes getting into condensers. 2/23. To Cramps Co. Request price on four ash expellers of Metten type. 2/23. Duplicate fwded. (?)	
62211	2-26	Cramps	Ash expellers: quotes price for furnishing duplicates of growing. D To C&R & NY Regt NY submit estimates for replacing Stone with Metten type. 3/15. To Phila. Regt data of See type. 3/16. IDAHG gives information req'd. 3/22. To J.F. Metten. Gives data from IDAHG. 3/26.	OVER
62389	2/29	To At. Flt	ASH EXPELLERS: Bu. considering replacing Stone with Metten type, etc	606--2
63212	3-3	C.O.	Reports on stone ash expeller: if expeller of CYCLOPS type to be inst lled will require larger fire and bilge pumps to operate. D-0	
63925	3-18	C&R 27684-E.3	Metten ash expellers: if installed will authorize work under C&R. D	
65392	4/10	To Delaware via At. Flt	GANGE GLASSES, owing to continued mishaps with Scotch. Bureau regts regn be made for DELAWARE AND WALES water level indicators and fittings nec. for complete installation. 658--5	

DELAWARE: BOILERS & PARTS. 182--10

Number.	Date.	From or To--	Subject.
62211		SEE OTHER SIDE	Metten ash expellers. To NY, requests estimates be expedited. 4/29. NY Metten ash expellers; plans and est. To be made May 1st. 4-30 To J.F. Metten. Asks if would operate satis- factorily; if connected to firemain. 5/13.
68528	5-8	NY 330-525-6 BELOW	Metten ash expellers; fwsd print and estimate for installing. D To --- Asks if include cost expellers and turbo pumps. 5/18. Fwd Dept. via C&R. To replace. 5/17. RB 5-25 appd. BB 5-28 To --- appd; directs prepare reqn. 5/25. Fwd C&R. 5/25
68792	5-14	Crampa (J.F. Metten)	Hydraulic ash expellers; would operate from fire main if sufficient quantity of water pressure could be supplied; if DELAWARE AND NORTH DAKOTA are similar to WYOMING believe will not operate. D
68916	5-16	NY T	& NORTH DAKOTA: revised estimates for instal- ling Metten ash expeller. D
69411	5-15	Fleet Engineer	Reports inspection of boilers. Y-D To NY. Reqst. est. for fitting baffles and troughs to internal feed pipes similar to MICHIGAN. 5. 6/27.
68528		SEE ABOVE	To NY. Tracing 8066-A should be stamped approved. 5/29.
70189	5-31	NY 330-535-6	Internal feed pipes in boilers; estimate for installing similar to MICHIGAN. Y-D Fwd Dept. rec. appr. 6/10. RB 6-12 appd To --- appd. 6/12.
72106	6-20 6-25	Crampa Sons NY	& NORTH DAKOTA hydraulic ash expellers; reqt. detail drawings showing stiffening rings, opening in bottoms. D

DELAWARE: BOILERS: & PARTS:

Number.	Date.	From or To—	Subject.	
39740	4/30 5/24	C.O. NY 330-535-2	Reqt. castings and stay bolts & nuts for retaining sides of boiler furnace door spaces. Y	
40189	5/31	C.O.	Reports on examination of B&W boilers; tubes show blisters, etc. Y & D	
41855	6/20	Norfolk	Grate bars, asks if shall be shipped to New York Id. Y Ret -- via J&L. Shipment not desired. 6/24. RB 7-8	
43189	7/7	NY	Submits estimates for supplying and install- ing new feed water heaters, drains, cross- boxes superheaters, etc	182--8
43730	7/5	Newell, A.	Reqt. diameter and length of smoke stack. D To -- Gives dimensions. 7/17.	
44944	7/27	Newell, A.	Smoke pipes; asks re construction. D. To -- Asks prints. 8/3.	
48371	9/5	C.O.	F.D. blowers; reqt. changes in power wiring and necessary switch panels so may be run in series of single. 2- To -- Asks temporary connections. 9/14 Ret. N.Y. test satisfactory 10/2	RBO-6

DELAWARE: BOILER: & PARTS: 182-10

Number.	Date.	From or To—	Subject.
✓ 50046	9/29	NY 330-615-2	F.D. blowers; fwds estimates for wiring switches, etc. for operating in parallel. I-D To Norfolk. Appd. 10/10.
✓ 50849	10/10	C.O.	Reqt. boiler water testing outfit. Y To Norfolk. Reqt status of work on the ten sets being mfd 10/16. To --- One set will be fwd when completed. 10/30.
✓ 50933	10/11	NY 330-615-4	& NORTH DAKOTA: fire room blowers; states entire change should be made against Steam Machinery as direct installation belongs to blowers. D-L. To --- Change to be made on 11/14/14.
✓ 52339	10/16 10/30	C.O. C&R 22082-E.495	Ventilation of firerooms; asks if Bureau desires canvas wind seals to be replaced by mushroom tops originally fitted. D Ret C&R. Reqt be replaced. 11/1.
54543	11/24	C&R 22082-E.505	Re fitting of mushroom tops to fire room ventilators. D Fwd NY- Reqt if will be satisfactory. 11/28. Ret C&R-Satisfactory. 12/6.
55439	11/27	C.O.	Spare parts, re delivery of boiler tubes, etc 182-21
56728	12/20	C.O.	Reports boiler testing outfit not yet received. D To Norfolk-Directs shipment of one to. Just as soon as available. 12/22 To Norfolk-Reqt status of work on the ten outfits. 1/6.

1912

DELAWARE: BOILERS & PARTS.

FILE No.	From or To— (Dated)	Subject.	
✓ 34038 3/16	Exeter Mch. Wks	Stone ash expellers: are on opinion that machines will work satisfactory after be installed properly. N	
✓ 34824 3/27 3/27	Hon. J.W. Fordney Dept	Fwds letter from Wicks Boiler Company re DELAWARE accident to boilers; reqt certain data on; answer to be prepared for Secretary's signature. Y	
35598 2/11	C.O.	DELAWARE: reqt new feed water heaters on boiler main feed lines; gives reasons therefor; states superheater and tubes are constantly rusting and may cause bad accidents etc.	182--8
✓ 36671 4/17	C O.	Reports further relative to pitting in out-board parts of steam drums; states in boilers having internal feed pipes extended 5', there occurred no pitting. Y&D	
37235 4/25	C.O.	DELAWARE: reqt new evaporator feed pump, alter bends, install wire mesh from intakes of forced draft blowers, etc	182--8
✓ 39113 5/18	TO NY	Feed water heater head: Fwds print and reqt estimate. D.	
✓ 39476 5/23	NY	Reqt manufacture of fire door lintles for B&W boilers. Y	
✓ 39563 5/23	NY 330-640-2	Estimate for modification of feed water heaters. D	



DELAWARE: BOILERS & PARTS.

FILE No.	From or To-- (Dated)	Subject
✓ 31671 2/13	Exeter Mch. Wks	AME NORTH DAKOTA: Fwd copy of letter written to C.O. relative to having expert engineer visit vessels to correct any defects in ash expellers. D
✓ 32386 2/24	Dept 26283-228-1	Report of court of inquiry on accident to boilers. Dept. rect. suggestions as to method of protecting hull line where water tenders reflect duty. Chief Ret -- Automatic feed water regulators not satisfactory 2/27.
✓ 32583 2/24	B&W Co.	Accident to boilers; rect. copy of report of court of inquiry which states re action due to low water. Y Fwd Dept Rec. that information be fur. 3/1. R.B. appr 3/4. To B&W Co. Genl statement furnished 3/11.
✓ 33215 2/12	C.O.	Reports boiler "O" has been re-built; N & D again in use. D Fwd Norf for comment. 3/23. BB 4-23
✓ 33216 2/12	C.O.	Reports on super-heaters and their connections. D
✓ 33217 2/9	C.O.	States modifications in Stone Ash Expeller great improvement, but are not yet satisfactory. D To Exeter Mach Co. Fwd copy of C.O.'s letter 3/15.
✓ 30780 3/6 3/8	Fordney, Hon. J.M. Dept	Fwd rect. from Wick Bros. for copy of report of board on accident. D
✓ 33733 3/13	B&W Co.	Boiler explosion; rect. authority to publish findings of court. Asst Chief To -- At liberty to publish 3/15.



DELAWARE

B ILENS & parts.

FILE No.	From or To-- (Dated)	Subject.
✓ 30642 2/1	B&W	Boilers; reqt. 3rd header from accident be given them for museum; states representative of Company testified at court of inquiry. Y Fwd Dept Rec auth to ship to B&W Co 2/3. L.B. 2/4. To -- Co. Will be shipped 2/4.
30751 2/1	Norf Court Inq.	Returns boiler prints. D
✓ 30780 2/3 2/3	Fordney, Hon. J.W. Dept.	Damages to boilers; Fwds letter from Wicks Bros. reqt. information relative to; Dept. directs reply for Sec. signature. Y
/ 29991 1/23 2/1	C.O. Norf. 624-609	Tools, and yd. asst. Reqt. for. in connection with work on Boiler "O". Y
✓ 30939 2/2	Norf 646	Fwds photographs of damage header and tubes. D
✓ 31004 2/6	B&W Co	Boiler header; gives shipping instrum. for damaged one. Y To Norf. S&A: shipment recast 2/6.
✓ 31372 2/8	Norf 803	Recommends headers of photos. of damaged boiler be fwded to B&W. Y
31369 2/9	Exeter Mch. Wks	& NORTH DAKOTA & SOUTH CAROLINA: Copy of letter to Norf. stating engineer will report at yard to superintend installation of ash expellers. etc.

407-10



FILE No.	From or To— (Dated)	Subject.
✓ 29701 1/21	Norfolk 219-252	Reports no boiler tubes size required on hand To -- stating size required 1/23.
✓ 29804 1/21	NY 91-925-2	Distilling apparatus: fws tracing showing arr. of connections, etc.
✓ 29850 1/10	C.O.	Under water ash expeller: reports modifica- tions made in, at suggestion and with help of J. Stone & Co. Now works satisfactory.
✓ 29852 1/23	Bd. Inquiry	Reqt. b/p of boilers for use of Court. To -- print's fwd 1/25.
✓ 30002 1/21 1/25	NY (T) S&A 107814	Reports shipment of headers and side box for boilers to Norfolk.
✓ 30379 1/18 1/28	C.O. Dept.	Fws report of board on investigation of explosion of boilers; only cause assigned burning of headers by combined oil and coal flames, causing tubes to gradually crawl until explosion occurred.
✓ 30270 1/26	Norfolk 502	Boiler details: reqt. print D To -- prints fwd 2/2.
✓ 30587 2/1	TO Brook	Inspection of headers & side box for boilers;
30563 1/31	C&R	N. DAKOTA &: fws correspondence relative to removal of double door between boiler & eng- ine rooms and substitution of vertical slid- ing hinged w/t/doors

321--10



FILE No.	From or To— (Dated)	Subject.	
✓ 29272 1/17	Norf.	Wireless; reports accident: 8 killed; 1 injured; by being burned by steam. To S&A Recst shpmt E.Y. to Norf. of boiler headers and tubes R. 2/2 Ret S&A 2/3.	
✓ 29310 1/17	G.O. Wireless	3 back headers; boiler "O" fireroom 4 blew out, killing 8; wounding 1: 10 back headers and tubes required for repairs.	
✓ 29430 1/19	Norf. (T)	Injury to boiler; suggests representative of B&W be given the opportunity to inspect before disturbing. (T) to B&W Co. suggesting insp'n 1/19.	
✓ 29456 1/19	B&W Co	Peabody and Coleman left for Norf. yesterday	
✓ 29504 1/18 1/19	NY S&A 107814	Back headers for boilers not in store. Due not later than Feb. 15; will endeavor to have 10 shipped by 21st inst. Ret S&A 1/20.	
✓ 29550 1/20	To B&W Co (T)	Requests representative be called before board of inquiry on accident to Boilers.	
29527 1/19	Exeter Mch Wks	3 Carolina; etc. re installation of new adjusting gear for ash expellers:	407—10
✓ 29631 1/21	Norf. (Wireless)	Material for boiler; ordered from B&W Co. by wire prior to receipt of Bu. Letter. reqt. bureau confirmation. Fwd S&A to Norf. Recst del. at NY Yd for stock 1/21. R.B. 2/17	
✓ 29696 1/21	B&W 43	Reports boiler material fwd. to New York for shipment via Old Dominion Line to Norf.	



Number.	Date.	From or To	Subject.	
612592	no date	New York	No record of 50' steamer boiler 2292 assigned to CO DELAWARE Y	611-1
✓ 621355	4/18 4/28	CO Atl Fleet	Request auth to remove ash hoist engine from a battleship at Boston for installation on D To CO via C-I-C Atlantic Fleet- actin approved cc Boston 5/10	
647259	10/30	To USS DELAWARE	Error in engine number Ye	611-1
650915	11/23	C&R	Copy of letter to Phila assigning 26' motor life boat 1592 to CO DELAWARE Y	611-17

Number.

Date.

From or To.

Subject.

1920

6

Number.	Date.	From or To--	Subject.	
507145	8/26	To DELAWARE	Must collect name of steamer Y	611-10
510910	8/6	Boston	Copy of letter to C&R in conn with 50' motor sailing launch for DELAWARE: Y	611-10
511528	8/13	C&R	50' m.s.l. 5045 will be issued to DELAWARE. Y	611-10
516502	9/10	C&R	DELAWARE assigned motor dory 226 Y	611-11
519179	9/24	C&R	DELAWARE: copy letter to Boston re status of; Y	611
530922	11/23	C&R	Copy of letter to S&A requesting 26' motor life boat be shipped to DELAWARE & ARIZONA Y	611-2
537566	12/28	Dept. Comdt	In conn with script of 26' motor sailing surf boat's for MISS DELA TELLS Y	611-2
539542	1/10	C&R	26' motor life boat 1690 assigned to DELAWARE Y	611-2
551514	3/14	C&R	26' motor-- Boat 1589 trans from ARIZONA to DELAWARE in exchange for Boat 1590 Y	611-2
558559	4/20	To CO DELAWARE	Gives correction in engine room log Y	611-1

Number.	Date.	From or To—	Subject.	
562504	5/5	CO DELAWARE	Report covering performance of Kermath engine on motor whale boats Y	611-2
REON 668	8-28	To CO	Parts for power boat engines— fwsd copy of allowance list copy Boston YR	
REON 710	7-24	To CO	Power boat engine parts. Rel action taken YR	
575441	7/13	CO DELAWARE	Submits report on performance of 26' motor life boat Kermath engine Y	611-2
579423	8/3	CO DELAWARE	Submits report covering changing in power boat machinery Y	611-2
591962	9/29	JAG	Report cov loss of 26' life boat 1590 on board DELAWARE Y	611-2
591665	10/6 10/21	JAG C&R	Report covering loss of 26' motor life boat 1590 assigned to DELAWARE Y	611-2
594962	11/10	To CO	352 Motor series. Reqt numbers of. Y	611-12
600916	12/15	CO DELAWARE	Propeller for 26' motor life boat— fwsd ARIZONA expenditure invoice— request Navy Sup Depot be ordered to retain in store. Y	611-2

DELAWARE: AUXILIARY MACHINERY.

19

Number.	Date.	From or To--	Subject.	
261159	11-17	To DELAWARE	KK Engine 7032 assigned to vessel.	611-2
261159	11-16	To S&A	Reqt shipt of KK Engines from Norf to NEW YORK NYOLING DELAWARE.	611-2
340205	8/21	C&R	Copy of shipt order coverg 40' M S from Norf to Delaware	611-2
345106	9/5	C&R	35' motor bt 2847 assigned to DELAWARE is being u used by Div 9 battleship force	611-2
344766	9/4	C&R	~~ENGINE~~ 40' MS 6704 selected for DELAWARE	611-2
338576	8/19	To DELAWARE	Engines KK 7032 not listed	611-2
339145	9/19	C&R	2347 to NY shs disposition made of engine 2755	611-2
339658	8/19	C&R	Copy shi ment order covering 33' M B from Boston to DEL E Y	611-2
378078	12:16	C&R	Copy of lett r to Boston stating will fwd foundation plan of kite balloon winches.	

182- 11

DELAWARE: AUXILIARY MACHINERY

Number.	Date.	From or To—	Subject.	
386096	1/16	C & R	Direct: NY issue steamer 2282 to DELAWARE to replace 987 Y	611-1
398116	2:25	CO	Req. battery for ignition purpose for motor boat engine 3708 HULL 6569 Y To Phila- Inform if battery has been shipped to the CO- copy to SO, Phila and Comdt Boston. 2-28 To CO- as instructed Boston to issue storage battery. 2-28 To Boston (1)-issue storage battery from any Stirling Engine. Report number Stirling engine involved. 2-28 To Boston- Inform number of engine from which storage battery was taken if any. 3-4 Bost - (1) storage battery issued to - 3/11 Phila submits report 3-6-19 To Phila- Inform if survey was called when battery was found missing. copy to S.O. (S Boston-Phila-Ports. 3-10 Bost - 3/10 Phila - 3/20	
432560	3:13	C&R	Ship'mt. of elec. pipe balloon wrench to DELAWARE.	
433747	5/21	To CO DELAWARE	Bu records show 50' steamer to be No 2282 instead of 2282. Boiler 23 installed in steamer 1621. should be 33. Engine installed in steamer 1621. should be 33. Engine installed in copy 6559 bears Bu No 3718 instead of 3708. Asks correction. 1.	611-2

DELAWARE: AUXILIARY MACHINERY.

1914

Number.	Date.	From or To—	Subject.	
126451	6/4	To CO	Steamer 1294 not shown in log; also Bu's record shows steamer 778 was delivered to the FRANKLIN from Norf and has been reported since on the DELAWARE	611-1
127010	6/8	DELAWARE	Desire to turn in type M engine 982 removed from steamer 1170 when 1071 was installed	611-1
129409	7/8	Norf	Reports sh receipt of type engine 982 from DELAWARE	611-1
150334	107-13	TO	1375 condemned; eng 2219 assigned to issue	611-2
162549	8/4	C&R N719 into motor sailing	Directs conversion of motor sailing launch to replace 1375	611-2
177227	1/26	To CO	Discrepancy in report on power boats	611-2
183569	3/31	C&R	Motor boat 2751 assigned to in lieu of 40' steamer	611-2
193536	7-14	C&R	Assigns 3057 to	611-2
198804	8-31	CO		
198805	9-1	CO	Additional reasons for installing ash ejectors instead of better ash expellers. To Via Atl Flt--Norf has been rec'd to investigate feasibility of installing ash ejectors. 9/23	
200227	9-21	Norf	Ash ejectors and expellers; fwds plans and estimates with recommendations. D	
		To Norf--For rec as to disposition. 11/13	C&R fwds duplicate copy 9-30	
		Fwd Dept-- Rec appvl. 10/4 RB 10/7	Norf rec action 10/2 Norf (C) recommends	
		To Norf--Have rec appvl of. 10/4	C&R Ord disappvs enlargement. 10/4	
		Fwd C&R--Ord disappvs. Use present	scraping 11-15	
		scuppers. 10/5 To Norf--T Auth. 11/16	Fwd C&R--10/7	

DELAWARE; AUXY MACHY 162-11

Number.	Date.	From or To--	Subject.	
201725	10-10	C&R	Changes in power boat allowance.	
203295	10-20	C&R	DELAWARE; assigns steamer 1621 in lieu of 2187, latter to NO DAK	611-1
203375	10-21	Norf	Ash ejectors; fwd's location plan.D Norf fwd's replane plan 10-31	
204659	11-12	Norf	Ash expellers; removal of sea chests for.D Fwd C&R—11/4	
206247	11/22	Norf R	Reqd change in assignment of motor boat engines in order vessel may not be delayed	611-2
208853	12/15	C&R	Assigns 50' steamer to PROTEUS to be transferred from DELAWARE or LOUISIANA	611-1
215306	2/19	C&R	Steamer 1294, EX DELAWARE assigned NO DAK	611-1
223409	4/19	To CO	Bu records show that boat in which EK eng 2622 is installed in is 2829 instead of 28 as reported	680
238263	7-3	DELAWARE	Reports on destruction of steamer 387, engine 1165.	611-1
247401	9/5	To DELAWARE	Motor boat No. 2647. Re number of engine.	611-2
261159	11-16	To Norf T	Assignment of KK Engines as spares to DELAWARE, FLORIDA? WYOMING, NEW YORK. Y	611-2

DELAWARE: AUX. MACHY

1913

Number.	Date.	From or To—	Subject.	
104639	8-27	CO	Steering engines: repairs. TO. Y Fwd C&R 9/10	
106335	9/22	Delaware	Recommends steamer that is to replace 40' #788 be fitted with engine and propeller used in old boat on account of spares for same being on board.	611--21
106568	9/27	C&R	Have assigned steamer 1155 in lieu of 778.	611--1
106697	9/29	C&R	Orders to turn in steamer 788 and instructions to Norf. to deliver 1155 cancelled	611--1
106797	9-28	To CO	2219 assigned	611-2
108145	10/14	C.O.	50-ft steamer cutter 987 engine 1165 boiler type W-5, reports on alterations made to machy and requests that same be retained by ship.	611--1
108814	10-25	CO	Rect. spare parts for steering engine. Y	
108805	10/23	Norf	Reports issue of gasoline engine 2219 to	611--2

DELAWARE 182--11

1914

Number.	Date.	From or To—	Subject.	
113341	12/11	Delaware	50' steamers, type W-1 engines, fwd's sketches, showing alterations made in air pump and circulating pump impellers.	611--3
114012	12/26	M. Is.	Reports installation engine 2234, motor dory 985. Union 3988 removed and condemned.	611--2
114719	1/10	Norfolk	Reports installation of engine 2219, motor launch 1375.	611--2
115823	12/4	C&R	Assigns steamer 1294, in lieu of 778.	611--1
116893	2/5	To	Log does not list type M engine 1071	611--1
✓ No #	3/3	To Norfolk	Survey 297; Steamer 778, type M engine 985 and said 42-30 boiler 2083. Bu's records corrected to show assigned to issue.	
120334	3/16	DELAWARE	Steamer 987; reqt LP cylinder cover and piston rod.	611-1
123225	4/23	C&R	35' motorsailing launch 996 to be disposed of by sale at Norfolk	611-2
123323	4/24	C&R	Authorizes issue of oil burning 50' steamer 1121 to replace 897; 40' motor sailing launch 1243 to replace 996	611-2

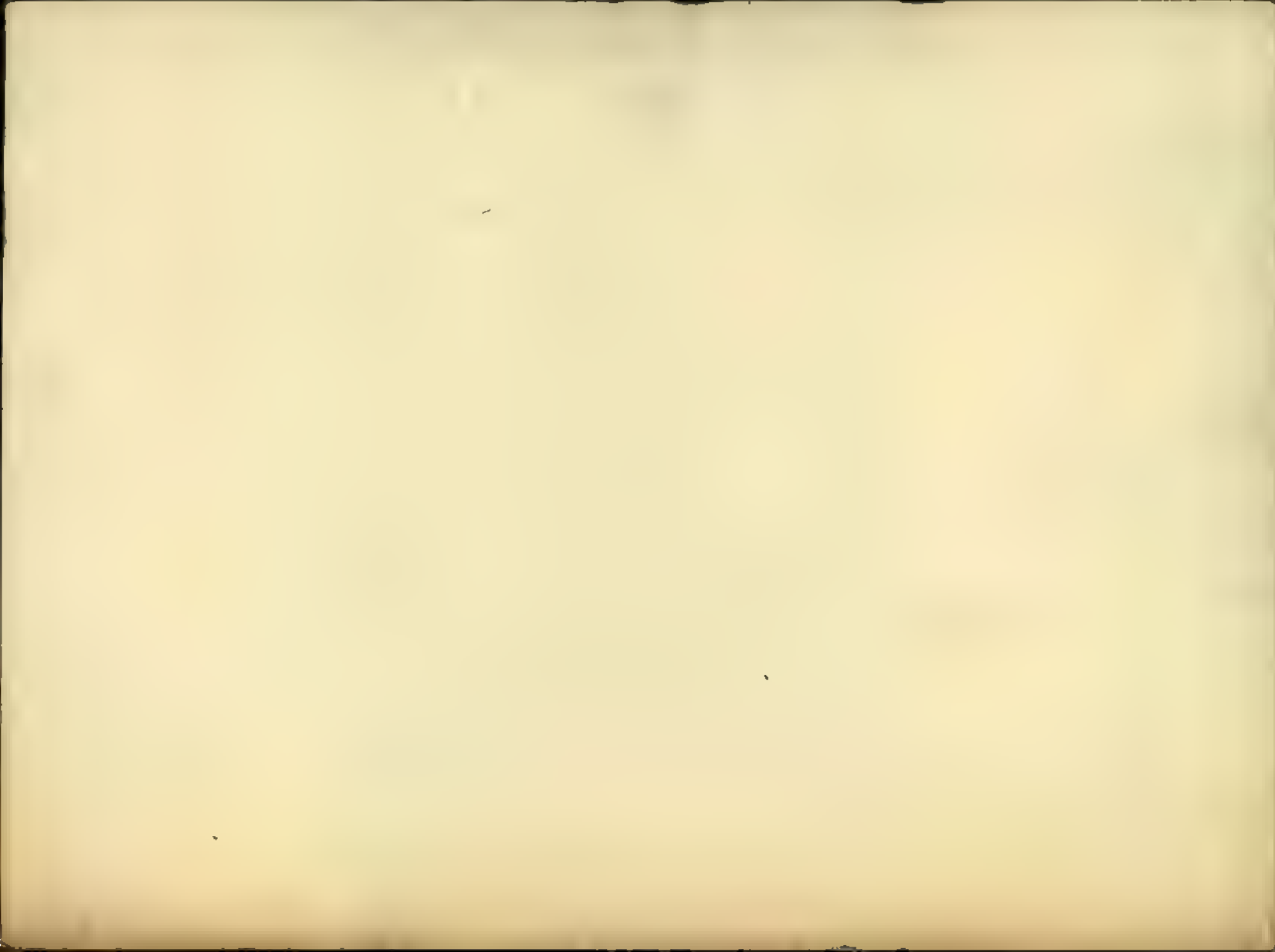
DELAWARE -AUXILIARY MACHY

Number.	Date.	From or To—	Subject.	
57043	12/27	To Delaware	BOATS: cutter 788, reqt number, etc. of engine and boiler installed in	611--1
57571	1/2	C.O.	Reqt. new shaft for steering engine. Y	
57408	12/29	Delaware	BOATS: reports engine 982 and boiler 1874 in cutter 788	611--1
58241	1/10	CAR	BOATS: have arranged for shipment of 40" cutter from Norf. to	611--1
59577	1/18	C.O.	States cylinder gasoline engine 1530 defective; reqt. new D. Reqt. action 2-22 To---Recn. 241 made to cover purchase of cyl. castings. 2/28.	
59681	1/24	Phila	BOATS: reports shipment of cutter 623, fitted with boiler 1722, engine 433, shipped to Norf. for	611--1
62549	2/27	Delaware	Boats: finds invoice covering pro elling machinery of 50" cutter states charges are excessive that Senior Eng. Officer refused to sign.	so 611-1

DELAWARE 182--11

Number.	Date.	From or To—	Subject.	
66248	4/13	To Delaware via At.Flt	Type B engine 928 listed as in hull 775. Bu. record shows type W engine 928 and Ward boiler G-2 sq 1769 in cutter 778. Reqt correct record.	611--1
68020	4-12 4-22	CO NY 330-530-4	Reqt. repairs propellers steam launches. Y To - NY Appd 4/25	
76388	8/22	To	Cutter 987, steam log does not list number of engine in, nor show spare engine, reqt	611--1
89323	2/1	C.O.	1913 Reqt new gasoline engine for motor boat 996 to replace Automatic engine 3188	611--2
89646	2/1	C.O.	Ship's survey 11, Automatic gasoline engine reqt repairs, (engine 3188)	611--2
89646	2/1	C.O.	Recommends installing new gasoline engine in lieu of Automatic one now installed	611--2
90328	2-12 2-12	CO NY 330-530-6	Repair automatic gas engine 3188, launch 996.D Fwd Dept. rec disappd. 2/17. BB 2-20 To-NY disappd. 2/25	
96476	5/3	NY	Reqt instructions relative to installation of motors in sailing launches.	611--2

FILE No.	From or To— (Dated)	Subject.	
29895 1/23	C&R	BOATS: assigns 50' #990 from Norf to	11--1
30496 1/30	NY	BOATS: 50' #990, reports engine, #1168 70% completed, boiler 3/2.	611--1
31568 2/14	C&R	BOATS: issue of 40' #79 to: from Norf. in lieu 929	611--1
✓ 33219 2/15	C.O.	Reports wrong spare worm wheel gears for aux. engines received and rect. correct ones be supplied.N. Del. It. Direct to be fur. by contrs 3/8. N. 3/28. Fwd. KK recast contrs fwd gears to Boston for del. to ship. 3/29. B.B. 4/1. To Bost. KK Co. requested to rectify error 4/3.	
✓ 34126 2/19	C.O.	Castings for boat crane: rect. Y To -- via At. Ft. Under cōg. of C&R. - Fwd C&R 3/21.	
37759 4/20	Delaware	BOATS: makes report on motor sailing launch 996.	611--2
38495 5/11	C&R	BOATS: reports assignment of 50' cutter 987 now assigned to FLORIDA to DELAWARE: Cutter 990 under construction Norf. for DELAWARE assigned for general issue.	611--1
40385 6/3	C&R	BOATS: 40' steam cutter 930 turned in from: to make room for 987	611--1
✓ 44268 7/22	Griswold, R/	& NORTH DAKOTA: rect. copy of test on results of coal consumption. to -- Such test Confidential. 7/25.	
47210 8/24	C.O.	BOATS: motor, 1530, mfgd by Automatic Mch Co developed blow-hole intasing	611--2
49654 8/8	Delaware	Boats: observations on new 50' steam cutter & machy	611--1



DELAWARE: CONDENSERS.

1912

Number.	Date.	From or To—	Subject.
✓ 85815	12-20	NY 330-560	Dynamo condensers; recommends fitting augmenters in lieu of larger air pump. Y-D To---aprd. 12/26.
1913			
158784	623	Bayonne Cast Co.	Monel metal condenser tubes; have developed tubes for commercial use; quotes price. In To CO Via Norf--State tubes and ferrules are being purchased for; retubing should be done by ship's force. 7/16 To CO Via Norf--install zincs with old tubes. 10/12 To CO--Report on efficiency of. 4/24/16
✓ 169903	10-29	CO	Auxiliary condenser; retubing of; with monel metal tubes; reports rejection of 145 out of 575 on account of breaking out at seams; made by the Newark Tube and Metal Works. To--will rect contr replace tubes. 11/2 To F.S. Hardesty--rect tubes be replaced. 11/2 To NY--Reqt report of inspection and tests of tubes. 11/5 NY asks if correspondence re condenser tubes was not sent to NY by mistake 11/17 To Norf--Reqt report on tests of tubes. 11/19 11/30 Newark Tube & Metal Wks monel tubes; unable to supply replace before middle of Dec. 11/20 To--Quotes above. 11/24 To F.S. Hardesty--Fwd's copy of test. 12/2 To Norf--Waves certain requirements in test of tubes. 2/19/16

1940

DELAWARE: CONDENSERS: 102 -- 12

Number.	Date.	From or To—	Subject.
✓ 186570	5/1	CO	Std aux condenser, retubing of, using Monel metal tubes: reports on efficiency. Y To—Auth granted to retube 5/3 to F.S. Hardesty—Fwd copy above report. 5/3
✓ 204839	11-3	CO	Tin inside condenser tube sheets and heads. Y
✓ 204994	11-8	CO	Monel metal tubes and ferrules in std aux condenser were removed being unsatisfactory on account of splitting; retubed with standard admiralty tubes June 1916.
✓ 424731	6/11	Atl Flt Copy	Starboard main condenser leaking - ship will go to Norfolk for repairs - Y

DELAWARE: HEAT: VENT: REFRIGERATING:

1919

Number.	Date.	From or To	Subject.
454827	10-30	o CO	(T)- Suggests borrowing ice machine circulating pump from SOUTH CAROLINA no spares being available for immediate delivery. I copy to CO by mail. CO 12-1
486039	3/26	Atl Flt	Submits report of Board and recommends 321-4 changes necessary to put into effect requirements of Ship Control Board on NORTH DELAWARE. I DELAWARE. I
Req 155-22	11/22	To CO USS DELAWARE	Asks if crosshead shoes are what are desired Ds R

Number.	Date.	From or To—	Subject.
91067	2/26	Dept	re omitting work to cut down expenditures. Will cancel for present installing additional ventilation in engine room. 182--8
✓ 102342	7-23 7-26	Bu Ord 26087 28024-73 Dept	Group "C" magazines; temperature excessive; reqt. steps be taken to reduce.D Ret Ord via C&R not advisable to take up at this time. 8/12. Fwd Dept. 8/22
✓ 107042	9-3 9-8 9-22 10-3	Fleet Nav. Constr At. Flt NY 330-700-1 C&R 27683-E.43	Magazine refrigeration; submit report on with recommendations for improving on vessel and of future installations.D Ret C&R via Ord. 10/21.
107555	9-23 10-2	CO Dept	States neither D nor C machine can efficiently refrigerate both groups in magazines. D
109253	11/28	Dept	Appx. alterations to Magazine cooling system 700--2
109253	12/2	To NY	Magazine refrigeration; changes authorizes. 700-2
✓ 112132	12-6	Worff 32643-418	Alterations to magazine refrig. Reqt. authority print showing no. 182 installed on CHIC.D Fwd C&R. 12/24

DELAWARE 182--13

1914

Number.	Date.	From or To—	Subject.	
114336	1/7	To Delaware	Conversion of old ice machines by adapting piston provided with leather pistons with metallic packing. Bu. considering. reqt report on installation in this respect.	700--1
119948	3-12	Norfolk 32643-419	Reqd information re type of cooler to be installed on. Y Norfolk reqt action 4-11 to develop one at yard 4-25 Fwd C&R 4-25	
121365	3-23 3-31	Norfolk 32643-419 C&R 27684-E.46	Magazine refrigeration; fwsd print showing proposed installation of Woeshall cooler.	
		1915		
148869	3-3	C&R	Magazine reffrig; alterations; fwsd print showing change in ventilation duct. Fwd C&R--Proposed work agreeable to Bu. 3/8 RB 3/25 To Norfolk-- SE. work appvd. 4/6	
		1919		
416277	5-5	CO (T) SUP BASE & DELAWARE--(T) To CO FLT FLEET SUPPLY BASE ice making box to. 6-24	Reqd Norfolk be directed to furnish 1 standard Canice making box for Allen ice machine-- Ship's force can install - D To (T) - Norfolk reqd to furnish box. 5-5 to Norfolk. (T) - Repts furnish ice making box for two ton Allen machine. Urgent. Norfolk tel. req. fwsd ice making box 5:8 CO tel. recd. NY furnish ice boxes : have not been recd. 5:23	5-6
420176	4:22 5:19	CO USS Fleet	Req. install ice making box in connection with magazine cooling system. to Cmdr Boston Installation of ice making boxes a pvd. copy to CO DELAWARE NORTH DAKOTA Cmdr Div. 5. Force 2. and C-In-C. 5-29.	

DEL WARE: HEATING: VENT: & FRIG:

1912

Number.	Date.	From or To--	Subject.
62495	2-3 2-29	C.O. C&R 22082-E542	Criticism engine room ventilation.D Fwd Dept. 3/4.
✓ 64232	3-11	C.O.	Reports on test of recently installed elec. driven ice machine. D To Dept. via C&R and Crd. Rec Dept. withdraw its auth. for installation of electrically driven for KC. DAR and C&R. 3/26. BLK. 4-18 Fwd Dept. via Crd and C&R. Comments: Rec clothes type for KC. DAR. 4/16 RB 4 Ref. C&R Recom. be covered by Joint Reqn. 4/25 R 4-30. Fwd C&R. Fwds Joint Reqn. #C2. 5/4. Fwd C&R. 5/16. RB 5-25
✓ 69816	5-27	Roelker, H.B.	Elec. driven ice machine; placed on board for trial; recd. payment for. D To---Request price, etc. 5/28.
✓ 70009	5-29	Roelker, H.B.	Elec. driven ice machine; quotes price and gives description. D
✓ 73708	7/18	To CO 3-	3-ton electrically driven ice machine; request report on. D CO 7/21. Fwds copy of test made in Feb. since test machine has been of very little service. D
76376	8/21	CO	Requests manf. of evaporator stay rods, steam launch smoke stack rims, and cylinder lining 182-8 for ice machine

DELAWARE: HEAT:VENT:REFRIC. 192-13

Number.	Date.	From or To—	Subject.	
78214	9-16	CO	Ice machine; reat. drawings. D To---fwds 9/25	
✓ 80978	10/24	To CD	Magazine refrigeration of "C" group of magazines; request report on.D to ARKANSAS & WYOMING reat. report on amidship magazine between eng and ARKANSAS; not yet used.10-30	first room 10-26
✓ 80953	10-24	Dept	Directa recommendation to improve temper- ature of magazine of No. 3 turret. D TO --- will be taken up later.10-26	
81536	10-22 10-25	CO NY	330-5013	Repair ice machine. Y
81688	10-31	CO	Reports on magazine refrigeration for "C" group. D To---instructions.11/7. Fwd C&R.11/13 & B 11-21	
✓ 81977	11-5	WYOMING	Reports on magazine amidships. D	
✓ 80095	1-6 1-13	CO NY	330-750-1	1913 Repair leaks in ice making box. Y
90323	2-11 2-7	CO NY	330-750-2	Repair leak in ice machine.Y
90671	2-17	NY	330-758-8	Engineroom vent. incidental SE work.Y

Number.	Date.	From or To--	Subject.	
47182	8/22	C.O.	ALTERATIONS: install new elec. dense air ice machine, etc	182--8
✓ 47363	8/26 8/28	NY C&R	330-635-8 22082-E.457 & NORTH DAKOTA: Engine room ventilation. D Ref. C. & A. 9/1	
47723	3/6	C.O.	Suggestions re improving ventilation system: estimates for elec. work Ref. C&R 8/11; A.E. and also for N. Dakota. 9/15	182-13
✓ 47899	9/5	C&R	22082-E.448 & NORTH DAKOTA: Engine room ventilation: re arrangement of trunks and recommend 8 shots be fired over each turret from hatches to demonstrate whether same will damage open trunks. D-N. Fwd --; concurs. 9/5	
47472	9/12	To Roelker - C&R & NY	Ice machine - elec. will give service last on DEL.	700-1
✓ 48580	8/28 9/13	C.O. Dept	28024-23 Reports overheating of engine in fire room; Dept. directs steps be taken to improve ventilation on and NORTH DAKOTA. D Ref. JAR 9/14	
48705	9/11 9/15	C.O. C&R	NORTH DAKOTA Relative to improving ventilation of engine rooms. D Ref. JAR 9/16 Ref. C&R 9/16 EED-10 a'pp.	
✓ 49011	9/18	C.O.	Re improving ventilation engine room. D	
✓ 49041	9/17 9/20	C.O. Dept	28024-22 Re improving ventilation engine rooms: fwded in connection with improvement on and NORTH DAKOTA. D Ref. Dept. via JAR no objection to moving ice machine 9/21 5... 28	

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DELAWARE: HEATING: ETC. SYSTEMS.

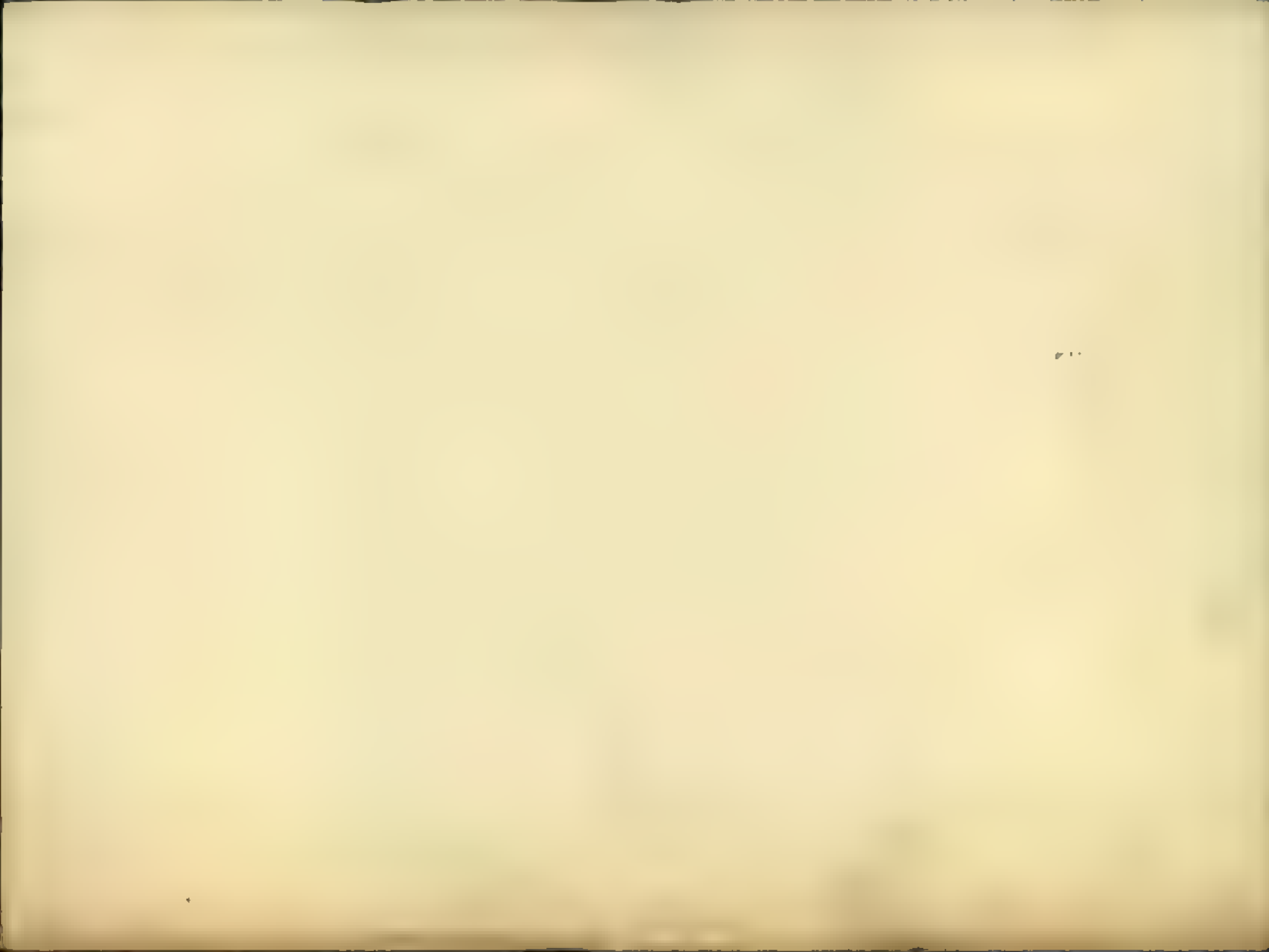
FILE No.	From or To— (Dated)	Subject.
✓ 37159 4/23	C.O.	Reports on test of magazine cooling system. D To NM thru Insp. Copy of report fwd. 5/3.
✓ 37207 4/23	C.O.	Recommends installation of elec. driven ice machines. States those in use make berthing space for crew and sick bay un-inhabitable on account of heat. D Fwd Dept. Recommendations. 4/28. BB 5-4a'ppd To -- Change has been auth. 5/13. To direct. prepares reqn for purchase of. 6/3/12.
39040 5/15	C.O. NY 330-750-3	Repairs to 3 ton ice machine for magazine cooling. Y To NY Apprd 5/19.
✓ 43406 7/12	C&R 22082-E.470	& NORTH DAKOTA: Relative to improving vent. engine room. D Fwd Dept. 7/13. RR Disappd Ret -- 7/11.
45480 8/2	C.O.	Ice machine, reqt repairs. Y
✓ 46621 8/16	C&R 22082-E.448	& NORTH DAKOTA: Engine room ventilation; fwd's print showing proposed additions and modifications to improve same. D Fwd Dept. Concurs in r/c that changes be auth. 1/10. BB 5-22a'ppd To NY instrns issued. Ret -- 8/23.
46801 8/2 8/9	C.O. NY 330-750-5	Repairs to ice machine. Y
46976 8/22	C.O.	ALLEGATIONS: new elec. driven dense air ice machine for magazine cooling. etc

182--8



DELAWARE; - HEATING: VENTILATING: REFRIGERATION SYSTEMS

FILE No.	From or To-- (Dated)	Subject
28360 12/24	At.Flt.	AND NORTH DAKOTA: magazine coolers; reports re operation of
✓ 29784 1/13 1/18	C&R 22034-E.22 Dept.	Magazine refrigeration system; reports non receipt of reports on. Ret C&R via Dept. Copies fwd 1/24.
✓ 29921 1/24	Schutte & Koerting	Magazine coolers; regt. balance due on; states are absolutely tight; no further complaint. Fwd C.O. Regt report result of test 1/26. R.B. 1/30 Fwd Norf Rec. payment 1/30. R.B. 2/17
✓ 30565 1/29 1/31	C.O. Dept.	Report on test of magazine cooling system. B
✓ 30739 2/1	Norf 479	Estimate for re-galvanizing ice making cans; Duplicate from ship. Dated Jan. 27. X
34380 2/18	C.O.	Reports on performance of Ice Machine for magazine refrigeration; invites attention to defects. D Fwd C&R for information. 3/24. R.B. 4/15
✓ 34687 2/18 3/24	C.O. At.Flt. 22232	Reports on performance of ice machines on magazine refrigeration. D
✓ 35599 3/11	C.O.	Reports on test of magazine cooling system. D
36140 3/11 4/13	C.O. C&R 22082-E.402	Fwds correspondence relative to changes in magazine cooling system. D Fwd NY Regt report, rec and est. 4/14. R.B. 9-22 Fwd Dept. 9/22, 9-22 Fwd C&R 9/26



DELAWARE: PROPELLERS: SHAFTING

20

4

Number.	Date.	From or To—	Subject.
503111	4-26	N.Y.	Propeller report: Y
554949	5:5	14th Dis	Request assign plan No. 1 to propeller drawing and order spare. Y
		CANCELLED SEE 467-SP	
566528	5/25	Boston	Propeller report. Y To Boston. Rwd's Vandylke cc CO 7/16
		1922	
605372	1/18	Boston	Propeller report. Y
624173	5/1	Pearl Harbor	Propeller report. Y

DELAWARE: PROPELLERS: SHAFTING

1215

Number.	Date.	From or To—	Subject.	
165829	9-14	Norf	New outboard coupling: fwds print showing alterations in keys and keyways. YD To-- Change satis. 9/17	
84	9-18	To Phila. [T]	Shafts; asks status of. S	529
165755	9/25	CO	Test dock trial at limited speed on acct of cracks in outboard coupling. Y Fwd Dept-- 9/28 RB 10/1 Fwd Dept-- 9/28 To-- (R) ALvs. 9/28	
165966	9/29	MINNESOTA Bd	States that KANSAS and probably DELAWARE to be placed at disposal of Board to secure further data	290-M
206121	11-20	Norf	Propeller blade bolts; steel in good condition; bronze cracked; (Cross propellers and bolts)	
261359	11-17	Phone Norf & CO	Spare propeller blades. Issue of 2 right and 2 left blades apvd. X	
261363	11-17	Phone Norf	Propeller shaft, Disposition.	
261443	11-17	Phone Norf	Material to be places aboard. stated impossible to transfer propeller shaft for DELAWARE from the FLORIDA. Y	

182 -- 14 DELAWARE: PROPELLERS:

Number.	Date.	From or To--	Subject.
261981	11-19	Phone Norf	Shafting. Bu stated that has rect and recom to apt that be sent to Norf to get shafting. Y
411774 NY to		propeller hub upon receipt 10:3Y	NR - contrs state patterns destr. and in 1915 - 1/5 To Mr. re propeller hubs for 9-13 Phone NY, re shipment of propeller hubs, 9-13 NY 9-14
310001	9/2	CO	Same propeller as it was placed on board 100-9
385013	1-14	To CO	Asks re action taken material on board Boston fws change sheets 1:4:19
386032	1:15	CO	Req. auth. to turn in 6 spare propeller blades and 1 spare shaft. Y
490386	5:1	CO	Request straighten bent blade of starboard propeller. Y Dept. copy of action to NY-5:5Y
491386	5-6	To S&A.	Reqst shipment Propeller blade from East. to To commandg. officer 2695 5-6 Y. RB-6:25-Y

DELAWARE: PROPELLERS: & SHAPING.

Number.	Date.	From or To--	Subject.
66453	4-14	CO	Reports on extremely expeditious shifting of blades at Norf. Recommends commutatory letter: also that spare propellers be kept at her docking yard. C Fwd Dept. 4/18. BB 5-11
71535	4-14 6-17	CO Norf 3224-419	Repairs to propeller blade. Y
80534	10-16 10-18	CO NY 330-740	Reqt. yard measure pitch of propeller. Y
102463	7-15 7-18	CO NY 20-670-2	1913
VOID			
112958	11-31 12-17	CO Dept	Reports propeller struck obstruction in NY harbor Oct 1st: Believes struts are bent. Y Ret Dept via C&R. 12/18
✓ 113384	12/17 12/23	CO Dept.	States port propeller shaft gives grinding sound: recommends be overhauled. Y Ret Dept. rec docking for examination. 12/24 To Norf. request report of results of examination. 12/30. Fwd Dept. 12/30.
✓ 114134	1-5	Norf R	Reports on work done to stbd propeller and changing clearances outboard bearings. Y

1913

1-1913

Number.	Date.	From or To—	Subject.
✓ 114238	1-3	Norf 3224-419	Port propeller and stern bearings: reports on clearances. Y
124509	5-9	Norf T	Reqd alterations to inboard coupling casing. Y (T) to---appd. 5/9.
124711	5-11	CO	Reqd additional rib outboard coupling and fit distance pieces. Y
✓ 164394	8-26	Norf	Outboard couplings: fwds print showing cracks in Y S&A fwds quotations from Beth Steel Co. Midvale and Erie Forge 8-31 Fwd Dept--8/31 RB 9/3 Fwd SCA--8/31 To--Contract placed with Midvale Co. 9/8
164831	8-30	Norf	Shaft outboard couplings: reports on condition of. Y Fwd Dept--Rec. 9/2 RB 9/7 To--Gived Dept's action. 9/8
164850	8-31	CO	Cracked shaft couplings: submit report on: fwds print showing condition of. Y Fwd Dept--9/8 RB 9/9
164959	9-2	Norf	Stud bolts: propeller blades: examination shows several cracked: are proceeding to renew all bolts both propellers. Y To--Genl appvd. 9/4 Norf gives list of defective bolts: will renew with Class B 3-S
✓ 165381	9-9	To Norf.	New outboard couplings, superseding plan 28-B-0651; fwds plan of. Y

DELAWARE: PROPELLERS & SHAFTING.

FILE No.	From or To - (Dated)	Subject.	
✓ 30382 1/23 1/27	C.O. Norf. 504-523	Reqt. castings from propeller couplings be removed for inspection, etc. Y.	
✓ 32133 2/6 2/21	Norf 727-832 C&R 22082-E.370	Wds Jockins report: reports measurements of shaft clearances in after tube and strut bearing. D Ref C&R noted 2/23.	
✓ 38373 5/9	Boat	Reports examination of propellers: gives pitch etc. Y	
40058 5/28	C.O.	Reports pitch of propellers; etc	182--9
✓ 46302 8/12	Lingsburg, Albert	Reqt. information re thrust bearings D. To---Wds prints. 8/14.	
✓ 46733 8/19	Kingsbury, Albert	Reqt. additional information. To---Gives speed of vessel. 8/21.	
54234 11/8 11/17	C.O. NY 330-755-14 VOID.	Repairs to fire and bilge pump; make new cylinder liner and valve seats for aux. and circulating pump; reqst for plans pistons main engines; rings for valves; and repair and test gauges. Y	
55439 11/27	C.O.	Spare parts, rel delivery of crank shaft, propeller shaft & blades, etc	182--21
		1912	



DELEWARE: PIPING SYSTEMS

Number.	Date.	From or To—	Subject.	
343867	8-9 8-27	CO Atlantic Fleet	Request authority to install apparatus to is in in water temperature in machines of - Y&D Fwd Ord, 9-5	
379793	12:19	CO	Req. install branch connection from exhaust both dynemo air and circulating pumps to aux. exhaust line etc Y&D to Boston. Author, items 21(s) & 22 (s) 12-31	
424072	6-7	JAG	Report of Bd of Investigation to inquire into damage done to Hoffman Steam Press in ship's laundry on board - Fwd Nav'n via C&R. 6-10	Y
441086	8/19	CO	Fwds sketch showing auxiliary exhaust connections to evaporator coils and fresh water piping of distiller and distiller pump - D	
458894	11/11 11/18	CO Atl Flt	Reqst assist ship's force in overhauling main steam line slip joints in fire room - Y Fwd Comdt Boston, copy to Operations Atl Flt-Bat. Div. #5 and CO, 11-21 Boston - Subm estimates 12/16	

-1920-

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[OVER.]

DELAWARE: PIPING SYSTEMS:

Number.	Date.	From or To—	Subject.
40032	5/31	TO NY	Reports difficulty in putting joints in piping owing to pipes being fitted too close against decks. D
			1912
64520	3-18	CO	Re. orla stopping generation sets due to overflow boiler; recommends that piping to dynamo engine be carried down 6' to prevent recurrence. LD To NY. reqst estimates be expedited. 7/3.
77683	8-30	NY 330-580-5	Changes in piping to dynamo plant and rearrangement of dynamo room: prints with comments. Fwd Dept VIA C&R recom. disap. 9-16 BB 10-25
			1913
87429	1-8 1-11	CO NY 330-580	Changes in piping to dynamo plant: CO submits new arrangement and reqt. approval in lieu of one now being proceeded with D. To NY. appd. 1/14. To NY. No further work to be done until further notice. 3/24
88564	1/22	NY	Recommends holding up work on alterations to steam line to dynamo and install larger separator, etc
88888	1-29	NY 121-10-7	Piping for dynamos: reports stopping work on. 182--8
90553	2-12	NY 330-596-1	Fire extinguishing apparatus: est. incidental piping work. Y Fwd Dept. with red. 2/19. BB 2-20 appd To --- Instructions. 2/21.

DELAWARE: PIPING: 182-15

1913

Number.	Date.	From or To	Subject.	
91798	3-5	NY 121-11 Comdt	Considers inadvisable to attempt re-arrangement steam line and valves in dynamo room as only \$7,000 remain. of funds available. D	
92022	2/25	C.O.	Rebabbit main bearing caps, re-lag salt water piping.	182--8
93729	3-28	CO	Reqt. authority to remove line, drain, from boiler stop valve. D To---not advisable. 4/1.	
105615	9-12	CO	Steam piping to dynamo rooms: reqt. JO be changed to change position of tees. Y Fwd NY appvd 9-17 RB 101 TO NY auth 10-2	
106792	9-29	NY	Changes in dynamo steam piping: asks if work may be proceeded with. Y	
107962	10/14	NY 330-735-6	Steam lines to dynamo room: change position of T; submits estimate. Y	
148220	2-17	DELAWARE	Alterations to auxiliary condenser drain line, pump, piping, etc. Y Fwd Norf-- For est and rec. 3/1 RB 5/14 Fwd Dept-- Recommendations. 5/15 RB 5-18 To Norf-- Gives action on. 5/19	

DELAWARE: OIL FUEL SYSTEM.

Number.	Date.	From or To—	Subj. cont.	
95132	4/16	B&W 992-182	Oil burning apparatus; fwsd prints.D To-- alpd: asks what disposition was made of addtl set. 5/2 B&W 5/5 two sets prints retained by office.D To-- instructions re number of prints 5/9	
97281	5-14	M&W 1084-182	Oil burning apparatus; fwsd prints.D.	
108366	10/16	NY	Fwsd vandyke of print of fuel oil heaters, pumps, piping, etc	182--8
125462	5/21	B&W	Contract for installing oilburning apparatus. calls for an erector: will furnish at Bureau's convenience.D Fwd Norf 5-22 5-23	
✓ 126648	6/4	Norrf.	Peabody Oil burning; reqst vandyke of.D To inspt. B. & M. reqs. set of Van. Dyes 6-12 6-17 To B&W tracings should be fwd to Bureau as soon as possible. 6/18.	
✓ 127991	6/20	B&W Co.	Fuel oil burning apparatus; fwsd tracings.D	
280	12-9	B&W Co.	Oil burners - req. payment of balance	629
280	1/19	B&W Co.	Fuel oil burners; reqt plans and datap	629

Number.	Date.	From or To—	Subject.	
✓ 342923	8/9	Co. 1st Bn. 1st Ssg. Force	2. Report fit air chamber on fuel oil suction line and oil service pumps in each fire room and at partition fuel oil settling tank Y&D 182-6 at operations. 9-14 To Boston alterations approved and disapproved 9-14 at. Bat. Ship Force #1 CO req. feed air chamber on fuel oil suction line.	
422728	5/26 6/2	US Flt Dept	Bat. Ship Force #5 conversion of UTAH FLORIDA: NO. DA.OTA & DELAMARE to oil burners necessary test issued. D.	321-16

DELAWARE: OIL FUEL SYSTEM.

Number.	Date.	From or To—	Subject.
(40240	6/2	TO Wasin	Fuel oil: fuds sample for analysis. S ✓ Fuds analysis. 6/10 Fwd S&A. 6/12. R.D. 19
✓ 45989	8/10	S&A 107680	Fuel oil report: reqt. reports covering fiscal 1911 be submitted. 0 Fwd C.O. 8/11.
47002	8/22	S&A 107680	Fuel oil reports: invites attention to omissions in, etc. 0 To--By has no printed form: states communicate directly with C.O. 8/1.
✓ 51197	10/16	TO C.O.	Reqt. additional sample from barge Houston. S 1912
70204	5/31	NY	OIL FUEL: reports loading of, Texas Co. for Delaware & Utah, invites attention to un- satisfactory facilities accorded inspector. 690
✓ 75749	8/12	CO	Requests vessel be fitted with more efficient outfit of fuel oil burners, air registers and heaters. States present system of oil burning in conjunction with coal not a success with present burners. D To--C.O. under consideration 8/15 To C.O. will replace with Peabody type 9/12

DELAWARE 182-16

Number.	Date.	From or To--	Subject.	
84298	11/7	C.O.	Alterations, new oil burners, etc.	182--8
No #	12/13	To Dept.	NY reqn 759: Peabody system of fuel oil burning. Rec appr.R	
✓ 88539	10-18	CO	Old SK oil burning outfit: reqt. authority to turn in parts of D. To---appd. 12/20.	
✓ 86433	12-31	CO	Reqd. new oil burning outfit include heaters: NORTH DAKOTA system without heaters unsatisfactory. D. To NY. Request estimates for mfr and installation. 1/3. To NY. directs mfr be undertaken in advance of estimates. 1/4.	
88102	1/18	NY	517 Estimate for installing 4 fuel oil heaters and after lights in turrets, etc	182--8
✓ 88193	1-17	NY	330-640-5 & NORTH DAKOTA: fuel oil heaters: estimated. Fwd Dept. Rec mfr and installation be authorized. ~~1/27~~ for NO DAK. 1/27. To---appd manufacture. 1/29.	
✓ 89324	2-1	CO	Asks what pressure is used on fuel oil system in use with Peabody burner, D. To---200 lbs. in case of DELAWARE. 2/4.	
280	4/8	N.Y.P.O.	Fwds copy of contract with B&W Co. for Peabody System fuel oil burning for	629

DELAWARE: OIL FUEL SYSTEM:

FILE No.	From or To— (Dated)	Subject.	
✓ 29384 12/17	C.O.	Reports on Schutte & Koerting and Ingram oil burners and heaters; reports changes made in piping for same and requests authority to turn in certain fittings in connection therewith To -- & Norf directing removal heaters and changes in piping -- to SEA & Phila & ship- mt to Phila for oil testing plant 1/20.	See below
	See below.		
✓ 29463 1/17	C.O.	Relative to economy in coal consumption; states rules for Engineering Competition and be modified to cover use of fuel oil.	
✓ 29967 1/23	C.O.	Reports Schutte & Koerting Co. film oil heaters are being removed; notes instructions re burning oil; understands prohibition does not extend to foundry, forge, and incinerator, etc.	
✓ 30292 1/22 1/25	C.C. Norf.	Removal of Schutte & Koerting Co. film oil heaters. D	
✓ 30395 1/29	C.O.	Reports on recent fuel oil burning on vessel; states not evident that use of fuel oil on boiler was cause of accident. D	
✓ 37161 4/23	C.O.	Reqt. permission to burn 130 gals fuel oil on board so tanks may be emptied and cleaned. W	
29384	See above	To C.O. Letter of 1/20 modified, to permit burning oil at discretion while on detached service in conn. with coronation. 5/10.	
✓ 39264 5/18 5/20	C.O. NY 252-10	Reqt. authority to turn into store special fur ace fronts & fittings for Schutte & Koerting oil burners. D to C.O. via N.Y. retain pending results of trial on UTAH 5/27	



182--17

DELAWARE: coal handling & STOWAGE.

FILE No.	From or To-- (Dated)	Subject.	
9365 1/17	E.R.Co	DEL & N.DAKOTA: asks if relative coal consumption is being investigated.	321--17
✓ 31122 2/7	S&A 114107	Shortage of coal: recom. ends no allowance be made as commercial practice gives no heed to the moisture contents of coal when loaded. Net -- via Norf. Concur 2/8 to Washn. Sample fwd for analysis 2/11. ✓ Washn. reports analysis. S 2/12 to At. Fic. Result of analysis fwd 2/28.	
37123 4/26	C.O.	Reports on distance steamed, coal & oil consumption, average speed, and general condition of ship	182--2
✓ 39812 5/18 5/27	C.O. C&R 22082-E.123	Reqt. removal of coal bunker trolleys in lower bunks and authority to turn in coal buckets. to C.C. via NY. Coal buckets auth. to be turned into store. 1/31.	
44057 7/19	S&A	COAL: reat Delaware make report on steaming quality of Georges Creek coal use on CONORATION trip.	623
44422 7/18	C.O.	Reports on run to ENGLAND and return without re-coaling.	182--2
✓ 44268 7/22	Griswold, Ely Erie City Iron Wks	& N. Dakota: reqt copy of test on results of consumption. Te - Such tests confidential. 7/25	

1912
1913



DELAWARE: WORKSHOP & TOOLS:

FILE No.	From or To (Dated)	Subject.
✓ 37158 4/22	C.O.	Invites attention to need of increase in number of tools, elec. dept. L&R To BIA, NY, C.O. Change in allowance. 5/25.
		1912
✓ 81932 11-5	CO	Milling machine; re. t. index plate for Y Ret. spare parts should be obtained on reqn. 11/78. 11-11
		1914
127519 6/10	CO	1913 14-in. engine lathe; install control panel. L Re. Norf. 6-17
✓ 177982 2-3	C&R	1918 NORTH DAKOTA: tools for carpenters force. Y To Phila. Work authorized. 2/3 To Norf. ditto. 2/3 Norf 2-10
458680 11:17	CO	Request precision lathe and power hack saw be furnished Y&R Fwd CO - Present state of appropriation does not warrant the purchase of additional tools at this time. 11-29
		1922
✓ 611117 2:25	To CO	Acetylene and oxygen gas-reqt info re quantity used-2:25-Ya CO DELAWARE 3/17 Report on gases used Y



DELAWARE: PUMPS:GENERAL.

1913

Number.	Date.	From or To—	Subject.	
108811	10-24	CO	Reqt. repairs to pumps at next overhaul. Y To ---, and Mr C. directs Mr F. procure material. 10/26.	
Norf 238	1/9	Worthington Co	Pumps; contrs refer to prints that they are following and same are not on file Norf 10 529	
342923	8/9	Co Atl Battleship Force	Req fit air changers on fuel oil suction line and oil service pumps in eng. fire room and put partition in fuel oil settling tank 182-15	
345515	8-7	CO	Gives current required for submersible pump - Y	
34710	7-12	CO	Request authority to turn in submersible pump - English mfg-12-29	707-1
456091	12-29	CO	Request authority to turn in submersible pump - English mfg-12-29	
✓ 502288	6-28	Boston	Ask if can go ahead with mfg of appliances for submersible power control system. L To Boston Gives detail inform 7-9 Boston submits estimates 8-13-L To Boston appvl 8/18 Boston lists mail with cost 9-7-L To Boston Reest estimates re submitted as listed also resubmitted 9-11	

DELAWARE PUMPS GENERAL

8922

Number.	Date.	From or To—	Subject.
✓ 439404	8/23	CO	Hosts pump in swap room be replaced D To S&A Request shipment of pump from NY to CO 1050 9/8 To CO Ask if shipment recd 12/7 RB 12/15 Y
✓ 443640	10/2	CO T	Hosts authority to draw 1 Kinney rotary lubricating oil pump from stock at Norfolk Y WAGLE 23: 10/2 T. Request auth to draw Kinney lubricating oil pump from stock at Norfolk Y To CO (T) Approved 10/2 To CO- (T) Appvd 9/3

DELAWARE: PUMPS GENERAL:

Number.	Date.	From or To—	Subject.
✓ 38522	5/9	NY 330-45	Evaporator feed pump; removed from NORTH DAKOTA; reqt. be used on. Y To -- apprd 5/13.
38783	5/10	C.O. NY 330-745-4	Reqt. water cylinders of main feed pump be rebored. Y To NY apprd 5/17.
✓ 43208	7/9	C.O.	Fire and bilge pumps; reqt. new liners for water cylinder. Y
✓ 43658	7/9 7/14	C.O. NY 330-745-10 To	Estimate for new liners for water cylinders, f & b pumps. Y NY. Approved. 7/15.
✓ 45474	7/21	C.O.	Reqt ship be supplied with automatic pump governors. D
✓ 46047	7/21 8/10	C.O. NY	Reqt. automatic pump connections for feed. D To NY. Apd. 8/16.
57298	12/27	C.O.	States thrust bearing for main circulating pump altered by crew; lwd's drawing. D.
			1912

DELAWARE: PUMPS: 182-19

Number.	Date.	From or To—	Subject.	
57572	1/230	C.O.	Designations: fwds prints showing changes made.	
84298	11/7	C.O.	Alterations, new air pumps, etc.	182--8
93730	3-28	CO	1913 Reqt. piston ring for main circulating pump. Y Fwd NY for action. 3/31. RB 4-18 Ret---4/15. RB 4-19	
98216	5-21	Blake Co. T	Asks location of vessel so representative can inspect feed pump valves. D (1) to Katzenstein. Ship will be in North River Thursday. 5/27. To CO. directs allow representative to visit. 5/27	
99535	6-13	Blake & Knowles Pump Co	Fit pump valves: gives reasons for breaking sect. on valve springs, and asks if similar trouble occurred on other vessels. D To NO. DAK. N. J. R. I. request report of any trouble with feed print. 6/18. PRODE ISLAND 56-26 NEW JERSEY 5-28 To---No serious trouble. 7/3.	
102397	7-25	CO	Reqt. steam head be fitted to feed pump. Y Fwd NY for action. 7/28. RP 8	
107828	10-10	CO	Turbine ash expeller pump: reqt. spare parts. Y Fwd Dept- reqt auth to purchase 10/15 To---covered by Regn 129-Bu. and reqt shipment instructions 10/17 Fwd S&A 10/17 CO reqt parts be shipped Villafrance 10-19 Fwd S&A request issue shipping instrns. 10/22 NY reqt copy of corres 10-183	

DELAWARE: VALVES

Number.	Date.	From or To	Subject.
434352	7/2 7/21	CO GAR	Submits report on unsatisfactory condition of starboard main overboard discharge valve - recommends new valve be ordered - Y To CO - Requests complete report re condition of overboard. 7-25 CO-work satisfactorily completed. 7 30 Horf - 8/2 Fwd Operations: 8-6

DELAWARE: VALVES:

1912

Number.	Date.	From or To—	Subject.
84650	12-7	CO	Nolan bottom blow valve; rect. 28; angle valves installed constantly leaking. D To---Reqn will be appd if submitted. 12/10.
			1913
92771	3-18	CO	Rect. authority to turn in Lytton traps removed from evaporator room. Y Ret---via NY Reqt further information: 1/2" blow valves may be turned in at NY 3/19 BB 3-2a To---Instructions. 4/1. CO fwsd sketch 4-8
93728	3-28	CO	Rect/ authority to expend bottom blow valve invoiced to snip under title B in lieu of title A. R To---via NY. Instructions. 4/1.
111673	11-20	CO	Surface blow valves; install distance pieces, supply 2 new cut out valves, in main trap drain line. Y 1914 fwd Norf. for est and rec/12/5 RE
127352	6/9	Norf.	Operating gear for superheater stop valve; submit additional estimate for installing. Y To---Instructions. 6/13.
			1915
147313	1-27	CO	Rect steam stop valves in piping between No 4 fire room and engine room; both sides. Y fwd Norf. for estimates. 3/1 BB 5/14 To Norf---Will rec disapp of. 5/21

1913

1913

DELAWARE: VALVES. L182-20

Number.	Date.	From or To—	Subject.	
158820	6-22	Norf	Super heat valves stuffing boxes around deck operating gear; print. DR To— Appvs. ~~XX~~ 7/1	
163299	8-5 8-12	CO Norf	Repair valves, stams boiler and superheater, and stop valve. Y	
353310	9-26 10:5	Norf Norf	Req. prints of safety falves D To Norf, these prints requested 12-18	
400506	3/8	Bwd Sta	Has auth vessel to turn in 5 items of valves packing Ya To CC Auth. turning of packing 6/10 182-22	
J424448	6/10	Atl Flt	Recommends dock Norf 6/15 to 21 for repairs to overboard discharge valves .	
J424688	6-11	Department	Copy telegram to US Fleet making ship available for dry docking at Norf for repairs to main condenser discharge valve—	A Y
428564	6-4 6-24	CO U S Fleet	Submits report of unsatisfactory operation of main overboard discharge valve starboard condenser.	D Y

FILE No.	From or To— (Dated)	Subject.
✓ 29441 12/16	At.Flt.	Repairs to sea valves; reqt. when vessel is docked. Fwd Norf via C&R for Comdt's action 1/20. R.B.1/30
✓ 33218 2/7	C.O.	2" special angle valves not needed; used valves removed from oil heater. Y
✓ 38386 5/9	NY 330-830-5	Cut out valves main feed line; reqt. factory inspection be waived. Manning, M. & M. S Fwd Mass. Factory insp. waived. 1/11. RB 8-10
		1912
✓ 67503 4-27	CO	Reqt. vessel be furnished with 28 Nolan blow off valves per attached 3/p: valves now on board give no trouble but difficult to keep tight. D Fwd Dept. Rec disappr. 5/1. RB 5-4 To---disappd. 5/4.
✓ 69630 5/23	NY 330-125-7	Main engine stop valve and fire-room cut-out valve operating gear; fws tracings. D To---Gives Bu's file numbers. 5/25.
✓ 76007 6/15	CO	Requests be supplied with valve disc made of one metal for steam valve. States Muntz metal discs supplied from Norfolk are constant source of trouble and loss from leakage. D To---eqn should be submitted for. 8/19.



DELAWARE

ALLOWANCE

1921

Number.	Date.	From or To -	Subject.
592788	10/24	CO	Annual inventory completed. Y
600409	12/5 12/2	CO Atl. Fleet	Request increase in quarterly money all amount to CC Admin allotment authd CC R&A 12/17
60811	1/10	To	Transferred from list of CC yes: 1- CC (1) 10/10/21
610629	1/31 2/20	CO Dept	Subm report on Govt owned cylinders on board. Y
620632	4/21	CO D	Changes in allowance list as regards compressed gases made as directed Y

DELAWARE

ALLOWANCE

1922

Number.	Date.	From or To—	Subject.
621446	4/29	CO	Annual inventory completed. Y
614862	10/12	To USS DELAWARE	Correction in allowance list. Ya cc CO Boston.

DELAWARE: ALLOWANCES

Number.	Date.	From or To—	Subject.	
399709	3:3	CO	Req. to turn in electrical supplies L To - Lists elec and radio material auth to turn into store. copy to Boston 3-13	
400506	3-8	Fwd S&A	Has auth vessel to turn in five items of valve packing. Ya o CO. Auth turning of packing. 3-10	
400506	3/3 3/7	CO CER	Request authority to turn in miscellaneous material listed - Y	
410397	1/9	CO	Request authority to survey gate bars at \$1.58 per bar - Y Fwd S&A, 4-18 copy to CO.	
413479	4:24	CO	Tel. req. increase in money allotment \$1,000:00 covering retubing of evaporators Y	
442566	8-23	CO	Reqst taper thickness gauge be added to allowance list. Fwd CO. 9-8 CO-3:3 Fwd CO. 9-19	Y

1919

182 - 21 DELAWARE: ALLOWANCES:

Number.	Date.	From or To—	Subject.
445441	9-16	To CO	Fwds appvd allow lists. Ya CO 10-15 Fwd CO. 10-22 CO 10-25
448487	10-2	Fwd CO	No allowance for spare cylinder Heads. If needed can be obtained on reqn "in Excess". 10-2
466226	12:26 12:36	CO Boston	Request authority to turn in material listed. Y To- Auth to turn into store material listed. copy to Boston. 1-5 To M&B-Co rec'ds auth to turn into store 80 gals. formaldehyde. copy to CO. 1-5
468373	1-12	To CO	Gives changes for Elec allow. copy to E.O. S.O. vessel and Boston. L
480376	3:3	CO	Request line shaft bearing be added to allowance list. Y To CO- Advise as to necessity of articles req'd. 3-12 CO matl requested are standard spares-3:21-Y To- Advise which type of bearing the bottom brass is required. 4-5 CO-4-19-Y To CO- Gives additions to allow lists. copy to E.O. S.O. vessel and Boston. 4-30

1917

DELAWARE: ALLOWANCES

Number.	Date.	From or To--	Subject.	
252622	11-15	To Norf CARD 1	Have directed FLORIDA take on board at Norfolk spare propeller blades and necessary boiler headers etc for DELAWARE all to be transferred to DELAWARE first opportunity. Have directed DEL. V. to wire FLORIDA amount desired. Have directed WYOMING take on board at NY sufficient boiler spares for both WYOMING and p FLORIDA. FLORIDA may carry spare propeller D.T.H. Report all action taken. Y Atl Flt - Copy - recommends spare propeller etc be placed on Bd - 11/18 Y to Capt-11-17	
260966	11-16	To CO	Elec heaters increased to 12.	131-21
261960	11-20	Phone Boston	Spare parts. Lists material that has been put on board TICONDEROGA at Norf. for. Y	
261978	11-19	Phone Norf & CO	Shafting, boiler material, propellers blades sent via TICONDEROGA. Y Phone- 11-19	
261978				

DELAWARE: ALLOWANCES. 182 - 21

Number.	Date.	From or To—	Subject.	
262512	11/22	CO R	Has taken on board spare propeller shafts propeller blades and 8 boiler headers	
264308	12-1	To CO	Allow lists. * fws copy of 1917 edition. R eqts reply to letter above. 1-8 CO 1-23.	
289918	2/5	CO	Allowance list - fws revised - RA To- fws appvd lists. 3-30 CO - 3-5	
378250	1/9	To CO	Fws allowance book CO-fws allow-8:28	
392076	3/4	CO	Request clothes wringer be added to allowance list. To- Addition of clothes wringer appvd. 2-7 copy to E.O. and S.O. Boston.	
394767	2/12	CO	Request one oxy acetylene welding kit t. allowance list - RA fwd CO. 2-17	
399709	3:3 3:3	CO Boston	Req. auth. to turn in electrical matl listed Y	

DELAWARE: ALLOWANCES.

Number.	Date.	From or To—	Subject.	
37421	5/1	To S&A, NY, C.O.	Additions: Fans, drills, etc. R — 4 — 19	
37158	5/25	To S&A, NY, C.O.	Drills, voltmeter, etc. added. R RBP-5	182-18
55439	11/27 12/6	C.O. NY GSK	Spare parts: relative to delivery of boiler tubes, crank shaft, propeller shaft and blades, etc. Fwd NORT Regt inf. re tubes reserved for. 12/8. RBP-5 To C.O. - Spare tubes now stored at NY. 12/19.	
56756	12/22/	To Nav.	AT.PLT; Rec. re increase in complement of 1912	493
75986	8/14 8/15	CO. Rept.	Requests, two-ton chain falls for handling armored plate over engine rooms. R Fwd C&R, Under cog. of. 8/19.	
90114	2-7	CO	1913 Reqt. authority to turn in hydrometer, etc. R To --- via S&A. should be eliminated from allowance. 2/13. Fwd C&R. 2/13.	
93359	3/22	Ports. 1017	Acknowledges receipt of allowance lists. R	

DELAWARE: ALLOWANCES. 182---21

1914
1913

Number.	Date.	From or To—	Subject.
126307	6/1	CO	Requests authority to turn in miscellaneous tools, engine spares, in excess of allowance. R To---via Norf.appd.6/5.
126335	6/1	CO	Requests authority to turn in spare parts for steam launches called for on allowance lists; not required. R To---via Norf.appd.6/5.
DEL 9	8-23	To Dept .	Calls attention to failure to obey Regs. in surveying Equipage.
✓ 200934	9-26	CO	Request authority to turn in wood blocks R To-- Appva. 10/4
✓ 213914	2-1	CO	Fwds list.R. To--Returns. 2/17 To--Returns appvd.4/5
✓ 216156	2-28	CO	Fwds elec list.R. To--Reqd further information. 3/21 CO 4-4 To--Returns appvd.4/16 CO - Gives disposition of allowance book 1/181
✓ 260622	11-15	To CO T FLORIDA CO - (R) states require three propeller blades and spare boiler heater - Y 11/16	Take on board at Norf spare propellers blades and necessary quantity boiler headers etc. for all to be transferred to first Opportunity Have directed CO wire you number and quantity desired. 2 Report action taken To CO- Have directed FLORIDA take on board at Norf. etc. 11-15
✓ 260936	11-15	Phone Norf	Boiler material, spare propeller blades. etc. Y CARD 2

DELAWARE: WHISTLES: ETC.

FILE No.	From or To (Dated)	Subject
35457 4/4	NY 330-925-3	Reqt. print of angle valve. D To -- print fwd. 4/8.
		1912
		1913
V 333653 7-22	CO	Submits report of installation of whistle control - L
	<u>1922</u>	
621361	4/21 CO 4/28 Atl Fleet	Whistle landed by BLACK HAWK is not suitable for DY
622208	4/6 CO 5/4 Pac Fleet	Request complete whistle from some vessel being scrapped be furnished YD



1913

Number.	Date.	From or To--	Subject.	
95200	4/17	NY	Prevention of dampness in torpedo air compressor compartments, reports on condition	601
105861	12/10		be authorized = 12	601

NB -0120

DELAWARE: GAGES.

1914

Number.	Date.	From or To—	Subject.	
125059	5/14	Norfolk	Addtl estimates covering manufacture of water gage fittings for main boilers. f To---appd. 5/19.	
201446	9/26	CO	Portable main engine indicators; request overhaul of. f fwd NY--work auth. 10/9 RB 10-21 To S&A--reqt snipt of main engine Indl cators to NY for repair. 10/9	
211745	1-16	Elec Tachometer Co	Request test of Tetco tachometers on DELAWARE	671-7.
		1922		
615842	3/7 3/28	CO Dept	Request renew elements of squared meter.	Y
653221	12/7	CO	Report covering gauge glass guards in use	D

DELAWARE: GAGES:

Number.	Date.	From or To—	Subject.	
✓ 38800	5/10 5/11	C.O. NY 330-625	Rept. vacuum gages be tested and adjusted. To NY apprd 5/17.	Y
46763	8/15	C.O.	GAGE-GLASSES: scotch, for water tender. Impossible to replace these broken, recom- mends Klinger be installed in lieu of:	658--5
54234	11/8	C.O.	Repairs to fire & bilge pump, make new cyl- inder liner and valve seats for aux. and circulating pump. repts for plans pistons main engines, rings for valves, and test gages.	182--8
55702	12/8 12/6	C.O. NY 330-2012	Repairs to clocks in engine and fire rooms.	Y
63905	3/19	To C.O.	1912 Van Auken hydrocator: Barre't & Lawrence to furnish for test.	665-16
✓ 65940	4-6	NY 330-660-11	Ba ley counters; rws tracing.D To---Bu's file number 44-28-B-0608. 4/30.	
67833	4-22 4-27	CO NY 330-2012-3	Repair engine room clock. Y	

DELAWARE: GAGES: 182-24

Number.	Date.	From or To—	Subject.	
✓ 68056	4-25 4-29	CO NY	Overhaul and repair 16 gages and 4 vacuum.	Y
✓ 68058	5-4	NY	Rept. instructions relative to issuing Klinger gage glasses on ships requ. 120: ship stateroom is not prohibited. D To--no objection to issue to ships fitted with Klinger frames. 5/7.	
✓ 68059	4-25 5-4	CO NY	330-625-6 Rept. authority to turn into store 28 Klinger glass frames. D-Y To C.O. via NY. appd. 5/7.	
72071	6-24	CO	Rept. pressure gages for steam seal of dynamo turbine. Y End NY. appd. 6/26. B.B. 7-29	
✓ 79094	9-26	CO	Steam and vacuum gages, repairs.	Y
81357	10-17 10-28	CO NY	330-625-9 Test out steam pressure gages.	Y
93812	3-22 3-24	CO NY	340-2012 1913 Repair engine room clocks.	Y
107717	10/9	Delaware	Mullins chro tachometer, reports on test of. satis.	671--7

DELAWARE RECORDS OF WORK

1922

Number.	Date.	From or To—	Subject.
618028	4/10	Boston	11/15/21 to 1/3/22 Y
618030	4/10	Boston	12/31/21 to 2/24/22 Y
630587	6/29	Boston	5/1/22 to 5/22/22.Y
644980	10/1	CO	Record of work quarter ending 6/30.Y

DELAWARE: RECORD OF WORK:

Number.	Date.	From or To—	Subject.
✓ 451626	10;1	USS PROMETHEUS	Record of work.Y
✓ 453167	10/1	CO	Quarter ending 9/30. Y
✓ 469261	1;1	USS PROMETHEUS	Quarter ending December 31st.Y
474960	1;1	CO	Quarter ending December 31st.Y
483613	3;10	Norfolk	6-13-19 to 6-17-19.Y
✓ 488378	4-1	PROMETHEUS	Quarter ending March 31; Y
✓ 502536	7:1	CO BRIDGEPORT	Quarter ending June 30, 1920.
✓ 502999	7:1	CO PROMETHEUS	Quarter ending June 30, 1920.Y
✓ 503681	6-30	PROMETHEUS	Quarter ending 6-30-20; Y
✓ 505760	7:1	CO	Quarterly report quarter ending June 30th.Y
522347	10/1	CO PROMETHEUS	Quarter ending 9/30/20 Y

132-25: DELAWARE: RECORD OF WORK:

Number.	Date.	From or To—	Subject.
523266	10:1	CO	Quarter ending: September 30th..Y
539932	1/3	CO PROMETHEUS	1921 Quarter ending 12/31 Y
547777	1:1	CO	Quarter ending: Dec 31st.Y
551787	3/15	Boston	10/15/20 to 1/3/21 Y
558111	4:1	PROMETHEUS	Quarter ending 3:31.Y
558334	4:1	CO	Quarter ending 3:31.Y
574244	7/1	PROMETHEUS	Quarter ending 6/30 Y
581570	7:1	CO	Quarter ending 6/30 Y
✓ 585497	10:1	CO	Quarter ending Sept 30th.Y
589169	10/7	PROMETHEUS	Quarter ending 9/30 Y
592142	10:1	CO BLACK HAWK	Quarter ending Sept 30th.Y
602987	12:31	CO PROMETHEUS	Quarter ending Dec 31st.Y

DELAWARE: RECORD OF WORK

1913

Number.	Date.	From or To—	Subject.
104332	8-13	NY	Mch 3 to July 9. Y
108459	10-15	NY	July 9 to Oct 1st. Y
116341	1-27	Norfolk	Dec 20 to Jan 7. Y
133014	8-25	Norfolk	Apr 10 to July 1. Y
147452	2-7	Norfolk	July 1 to Nov 10
149473	3-10	Norfolk	Nov 10 to Dec 29
185401	4-19	Norfolk	Dec 9, 15 to Jan 6, 16
186568	5/1	Norfolk	Dec. 29, 1914 to Dec. 9, 1915. Y
247335	8/28	Boston	8/1 to 8/27 Y
264716	11/22	Boston	11/15 to 11/22 - Y

1918

DELAWARE: RECORD OF WORK. 182 - 25

Number.	Date.	From or To—	Subject.
✓ 274106	1/15	Bost	Aug 1st to Aug 27th - Y
279578	No.	CO	Quarter ending Dec. 31. Y.
292810	3-19	Boston	Nov 13 to Nov 22. Y
305904	—	CO	Quarter ending 3/31 - Y To LS Bureau, Forces, Desires number, description and photo of lights. 5-16
333681	7-1	CO	Quarter ending June 30 - Y To CO, Best copy of authority to purchase searchlights, 8-9 To Sims re signalling projector 9-14
			1919
✓ 435684	7/1	CO	Quarter ending 6/30 - Y
436691	7:1	Norfolk	6-13 to 6-17.Y
446764	27:1	USS VESTA ^L	Month ending June 30th.Y
450321	10-1	CO PROMETHEUS	Quarter ending 6/30. Y

Number.	Date.	From or To—	Subject.
638432	8/15	3	Propeller Y
642307	9/7	CO DELAWARE 3028 2	Crank shaft case Y
642308	9/7	CO DELAWARE 4	Muffler, cylinder cover, bearings, gear Y
642309	9/7	CO DELAWARE 20	Detector-stand, crystal, hand-cart-coupler Y
645109	5/2	CO DELAWARE 18	Seat, valve, thermometers, drill, Red Y
646016	10/11	ARKANSAS 6	Indicator Y

N. Eng. 194

DELAWARE SURVEYS

1922

[illegible]

Number.	Date.	From or To—	Subject.
597206	11/22	6	Thermometer Y
597944	11/28	5	Magnets, Y
597945	11/28	9	Bands Y
597946	11/28	4	Condensers, Tubes Y
598234	11/30	11	Boiler Y
To Boston Approvs condemnation of boiler on Oct 11/27 To SEA Reg st shipment of boiler from NY to CO 9307 12/3			
599216	12/6	Boston RB 2/11	Crosshead, Ice Machine Y
599242	12/6	Boston	Rod Y
599223	12/7	Boston	Shaft Y
599622	12/8	Bost	Projectors. Y
600357	12/11		Brasses, Gear Y
600671	12/15	Bost	Spares, Coils Y
599334	see above		To NY-reqt report of issue-2:23-Ym
621403	4/27	1919	Magne to Y

182-27

N. Eng. 134

DELAWARE SURVEYS

19:2

Number.	Date.	From or To—	Subject.
519027	1/31	15-22	Pump, Crosshead Y
619027	1/31	15-22	Pump rods, Piston rods Y
620831	4/21	CO	Request auth to survey four standard lagless telephone keys to CO ant'd 5/3
535367	5/20	CO 16	Box, boilers Y Fwds Boston cc CO 8/14 RB 9/14 Y
636333	7/24	CO 1	cylinder Y

DELAWARE: SURVEYS

1920

2

Number.	Date.	From or To—	Subject.	
531128	11/23	Boston 20	Thermometer, Gauge testing outfit Y	
533334	12/6	CO 17	carburetor	Y
534385	12/8	DELAWARE 21/11	Bulbs, Telephones	Y
537641	12/29	Boston 22	Contact- makers, Fans	Y
537756	12/17	Boston 24	Boxes	Y
537755	12/17	UTAH 23	Boxes To All State Survey and Dec CO 1/5/21	Y
556219	3/30	UTAH 25	Propeller Y	
561022	4/26	CO 26/140	Picture projectors, Simplex machine	Y
563606	5/12	Comdt 30	Thermometer, Y	
563595	5/12	Comdt 29	Lantern, Hose Y	
565244	5/21	Comdt 28	Fans, Telephones Y	

182-27

N. Eng. 184

DELAWARE; SURVEYS

1921

Number.	Date.	From or To	Subject.
565840	5/24	Comdt 27	Tubes, Y
566079	5/25	Boston 31	Brassas, Barburator Y
567460	6/2	Comdt 34	Cans Y
568125	6/6	Comdt 33	Boiler Y
568126	6/6	En concerned 32	Batteries Y
572944	6/29	CO 36	Propeller Y
577769	7/27	CO 1	Light Y
565939	7/12	FLORIDA 2	Engine Rod, Piston Y CO-9:30-Y
586579	9:19	CO 35	Radio apparatus-fwds with corras in connection with W
594010	10/29	ARKANSAS 42-3	Day signalling searchlight L

DELAWARE: SURVEYS:

15

IV

Number.	Date.	From or To—	Subject.
466917	1:2	Boston 54-15	Nozzle valves gear for reverse gear piston and other engine parts.
487058	12:1;19	Bltship Div 5 46/12	Propeller and shafting.Y
492135	5:5	NY 1	Hose and other material.Y
492343	5:7	NY 3	Various material.Y
492341	5:5	NY 4	Head telephones.Y
492339	5:5	NY 2	Various material.Y
493125	5:11	NY 5	Registers.Y
500471	6:17	CO 6-54	Ash buckets.Y
504903	7:12	Boston 8	Audion bulb.Y
504902	7:12	Boston 9	Telephone, condenser, tubes, etc.Y

182-27-DELAWARE: SURVEYS:

Number.	Date.	From or To--	Subject.
505921	7:16	Boston 10	Various material.Y To Boston apvd 7-31.
507479	7:24	Boston 11	Blue matl.Y
507478	7:24	Boston 13	Slide bars and cleaning hoses.Y
507203	7:27	Boston 14	~~Boston~~ Piston and valves.Y
508209	7:27	Boston 7	Various items.Y To O. Reast Solid Inform. Le submitted CC Boston 8-4 CO-9:14.Y
520575	9:27	CO 16/89	Ignition coil.Y And S.A. 1-12 RB-10:18-Y
525832	10:27	Boston 18	Various items.Y
528474	11/9	Boston 19	Buzzer set Y

Number.	Date.	From or To--	Subject.	
✓ 83195	11-20	Dept 28004-1-369	Eng. Comp. report "A"; fwds. F Ret---11/29.	
100633	6/30	To C&R	1913 Final settlement; prepared to recommend: reservation. N (J) to Dept. recommendations. 7/3.	
101041	7-8	Solicitor 26820-171	Finally accepted July 7. N To Bath. advising. 7/9.	
101264	7-7	Dept 26830-171	Directs final acceptance and payment. N Fwd C&R vouchers have been appd. 7/12. C&R ret. return 8-8 To C&R. were fwd July 12th. 8/11	
✓ 101487	7-14	Dept	En. Comp. report. B. F Fwd Dept. 7/16.	
104411	8/26	Dept	Umpire's report, fwds	766
✓ 106827	10-1	Dept	Eng. Comp. Report A. Fwds. F To -- returns 10-2	
112070	12-6	Dept	Report A: Fwds. Ret---1/29.	
120758	8/2	DRAYTON	Eng. Comp. reduction of requirement speed on smoke prevention run.	766

DRAYTON: TRIALS: 192-2

Number.	Date.	From or To—	Subject.
✓ 130381	7-20	Dept	Report B Eng Com. F Fwd Dept. 7/22.
✓ 136494	10-9	Dept	Full power and smoke prevention run; fws. F Retd-- Noted. 10/12
✓ 139076	11-7	Dept	Report A. fws. F Retd-- Rec report be fwd Tor Flo for recommendations as to certain changes. 12/5
✓ 150606	3-25	Dept	Full power and smoke prevention trial. F Retd-- Noted. 3/26
✓ 150866	3-27	Dept	Full power and smoke prevention run; F Retd-- Noted. 3/29
✓ 151372	4-3	Dept	Report A. F Retd-- Noted. 4/3
✓ 191945	6-23	CO	1915 fws. performance curves; gives reasons for inability to obtain from new data. M
2Lco			
✓ 210008	12-29	Dept	Tactical data; fws. M Fwd Gen Ed via C&R--12/30

DRAYTON: TRIALS: PAYMENTS:

Number.	Date.	From or To—	Subject.
✓ 38858	5/8	Dept	Report on final trial. N Fwd CAR Prepared to make joint report on completion of work. 5/18.
38856	5/16	J&R 24154-E.94	Report of board on final trial; returns specs. N
✓ 40141	6/1	TO Bath	Rept. report on weights in order that partial payment on final settlement may be made. N
40170	5/31	NY 384-825-25	Reports on work recommended by Board on trial to be made good by contractors & Yd. N
✓ 40351	6/3	Bath 1793	Reports final weights of machinery. N.
40445	6/3	Dept	DELAWARE: recd estimate for fitting Motor generators for operating Sperry gyro compass. Fwds report of trial on Drayton 152145
40713	6/7	NY 384-820-9	Comments on list of work chargeable to contra.: gives status of. N
40842	5/29	Dept 26820-154	Fwds application for final payment for report and recommendations. () to Dept. Recommendations. 6/10. 11. 6. 1944 Fwd CAR. Vouchers have been apprd. 6/20.
✓ 42052	6/21	Bath 890	Fwds weight sheets. D
481C5	9/6	Bath	WEIGHTS: added due to auth. changes 729

DRAYTON: 192--2

Number.	Date.	From or To—	Subject.	
48796	9/15	Bath	W. PAULING: fwds total inc. & dec., due to auth. changes on:	729
50235	10/3	Bath	& PAULING: reqt copies of quarterly full power trials.	337--2
51711	9/22 9/26	Bath Iron Works Dept 26820-163	Reqt. payment of sum due on final accept. N Fwd Dept. Not rec. because item not make satisfactory safety valves - Not yet made good by contra. 11/13. (2) To Dept-Rec. ad interim payment. 12/14. Fwd C&R. 12/23.	
53625	11/14	Bath Iron Wks	& PAULING etc; defects reported in recent full power trials, especially in regard to oil burners and brick of boilers	337--2
55048	12/1	Bath 1523	Final settlement: re status of defective safety valves in connection therewith. N	
54888	11/29	Solicitor	& PAULING: fwds copy of Dep't letter to Bath Iron Wks re final settlement will be delayed pending making safety valve satisfactory	337--2
			- 1912	
64760	3/27	Bath	& PAULING: reservation for defective safety valves, asks if have been made satisfactory.	337--2
66200	4/12	Dept	& PERRY: report "A" enrg comp. trials	340--2

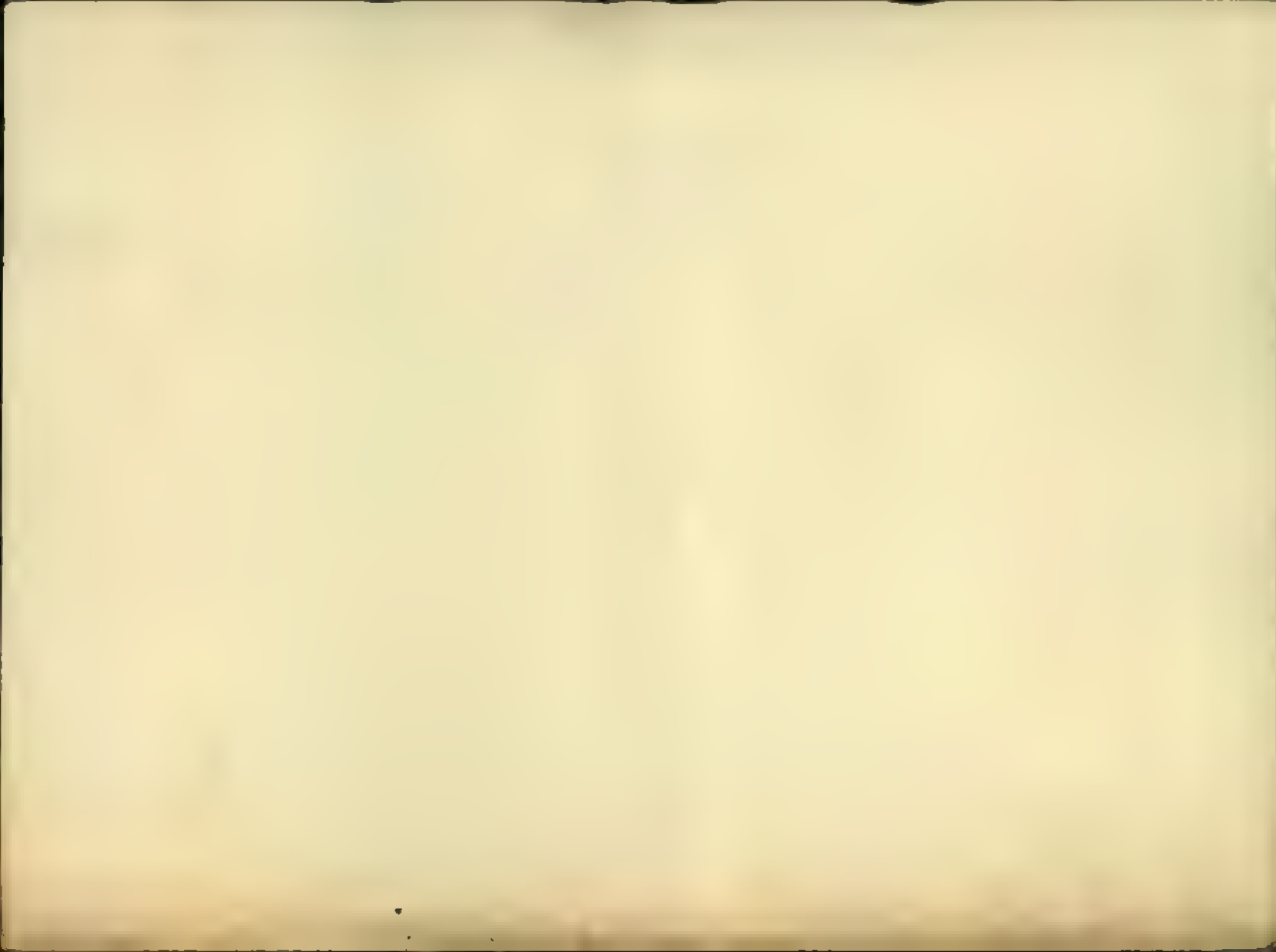
DRAYTON: TRIALS: PAYMENTS: ETC.

FILE No.	From or To— (Dated)	Subject.
36829 4/21	Solicitor 26820-146	Fwds copy of order to board on final trial. N
36242	See Card FI	To Bd I&S. All work completed. 4/27.
✓ 37539 5/1	Bath Co T	Final acceptance trial shows after blower out of balance: rect. authority to have engineer go on board and remedy. (T) to -- Passage will be auth. 5/2. Fwd Nav. rec appr. 5/3.
✓ 37714 5/3	Bath Co T	Rect. instrns. be wired to Engineer giving authority to go aboard ship to remedy defects. (T) to Haverfield (Engineer). 5/3. N
✓ 37846 5/4	Bath T	Rest instruct vessel by wireless to call at ~~Old~~ Point for Engineer. N.
✓ 37879 4/27	C.O.	Submits copy of letter to Bd. of Inspection & Survey at time of final trial in connection with work authorized, work done and changes desired. N
✓ 38078 5/6	Bd. I&S 646	Report on final trial. N To Bath. Items chargeable to contra. 5/9.
✓ 38542 5/11	Bd. On Changes, Bath 682	Reduction in length of 16 knot trial; dec. cost. (S) to Bath & -- Apprd. 5/18. N
38610 5/12	Bath 688	Contractors comments on defective work reported on by Trial Board. Fwd C.O. via Mr. for comment and report. 5/18 BB 5-24



DRAYTON: TRIALS: PAYMENTS ETC.

FILE No.	From or To— (Dated)	Subject.	
✓ 29938 1/21	C.O.	Fwds data sheets for 10 six hour test runs; and gives deductions; states boilers cannot be operated with all burners, without danger to brick work.	
✓ 30319 1/27	Bd. on Changes 164	Inc. cost for indexing fin. machy plans. N To Bath apprd 2/1	
✓ 31275 2/8	Bath	Fwds bills covering approved inc. cost. N	
32199 2/19	C.O.	Submits results of test runs; oil fuel heaters; boilers, brickwork, etc. Y	
✓ 32885 3/2	Bath 342	Bill covering authorized changes in cost. N	
35006 4/3	C.O.	TBDS: reports on safety valves.	496
✓ 36242 4/15	Bd. I&S 541	Preparation for final trial: rect. list of items of work uncompleted. N. To Bath. Asks if all work is completed. 4/18.	See Card 2.
36341 4/13	Drayton	TBDS: comments on arret and performance of machinery with suggestions for future design	496
36701 4/20	Solicitor	Rect. copy of machinery specs. for use on final trial. N To -- Copy fwd 4/21.	
36790 4/20	Bath 585	Final: reports on condition of work; test of elec. plant not yet approved. N	



DRAYTON: ELECTRIC PLANT: general

1

Number.	Date.	From or To--	Subject.	
39263	5/19	Ports	& PAULDING: reqt instructions re disposition of Record of Elec. Appliances and finished tracings.	337-3
54228	11/21	NY	& PAULDING: lighting in engine and firerooms present arrgt. satisfactory	337-5
			1912	
			1913	
			1914	
		140		
140238	11-14 11-16	CO At Plt	New radio set, conduit for standing lights for air locks, leading to fire rooms. L Lwd NY-- For estimate and rec. 11/30 To NY-- Work appvd. 12/10	127
188101	5-17	To NY.	Defective bearing linings in generators report in report of elec plant; reqt rec for remedying defects. L NY reports transfer order for work to Phila 6-18	
309617	5-25	To C O	Alterations to Elec/ Plant, rest covering necessary changes should be made to bureau via home yard in the usual manner, L	

DR LYTON: ELECTRIC PLANT CORP.

Number.	Date.	From or To.	Subject.
✓ 383902	1;1 1;9	JO CAR	Reqst. install emergency cabin for CO provide ventilation for radio room etc L Fwd Operations via Ordinance 2-19

DRAYTON: INTERIOR COMMUNICATION SYSTEM.

Number.	Date.	From or To—	Subject.	
✓ 38648	5/12	Dept	Lwds report on portable fire control tele- phones: not used on account of being inadequate. L	
39261	5/20	DRAYTON	FIRE CONTROL: submits sketch of proposed plans, for TBDS:	647
✓ 40436	6/5	TO C.O.	Reqt. report on unreliability of elec. tank signal system. L BLBBB-20. Ld C.O. Directs reast for installation of 3 new contact makers be made thru R. Ld. C/23.	
✓ 49619	9/26	Dept	WALKE: Lwds report on telephones, voice tubes, searchlight mechanism in connection with battle practice. L	
			1912 1913 1916	
✓ 190134	6-5	Phila	Fire control telephones: proceed with repairs; require disapproval of 2 snip's service only. L To—Directs removal of fire control tele- phones. 6/7	
✓ 208530	12-13	Phila	Bell signals from torp tubes to air com- pressor; plan and estimates. L To—Plan and est appvd. 12/28	

1917

Number.	Date.	From or To--	Subject.
✓ 215451	2-20	C&R	Request recommendations re installing 3" fire control voice tubes from bridge to guns 2 nd 3. L To--Recommendations. 2/26

192

DRAYTON: LIGHT AND POWER.

Number.	Date.	From or To—	Subject.
/229005	5/18	Bost R	Request additional signalling searchlight. L To—(T) Appvs. 5/19
/272668	1/5	Bost VOID	May 4th to May 21st - Y
354480	2/13	Bost T	Turbo generating sets require overhaul and repairs - request authority to place reqn with GE Co covering - L To (T) - Auth granted. 2-13
> 396670	2-24	Phone S.O. Boston	Generators- L
> 397438	2/20	Bost	Confirms telephone conversation requesting status of generating sets from GE Co for-L

DRAYTON: LIGHT & POWER SYSTEMS.

1912

Number.	Date.	From or To—	Subject.	
84566	12-7	Mass 5063-3	Gen sets; spare armatures; fwds test reports. S. To NY. & ---prel. accepted. 12/12.	
			1913	
✓ 93381	3/25	Hart.	Armature; ready for inspection. Inspr complains of non receipt of this and other requests for inspection of material manufactured by G. S. Co. 3 Fwd GE via Mass. re: effort be made to have company comply 3/27 1913 Fwd GE comment: requirements of orders. 4/7. RB 4-14 GE reasons for delay 4-9	
95921	3/21	C.O.	Repairs to gen. sets, testing set, etc	192--8
98429	5/29	CO	States room for two 10-kw sets. L	
109150	10/29	C.O.	Reqt 10 in lieu of 5 Kw Gen. set.	192--8
109210	10/30	CO	Switch for searchlight, feeder mains on bridge etc.	192-8
140238	11/14	CO	Conduit for standing lights for air locks, leading to fire rooms	192-3

1912

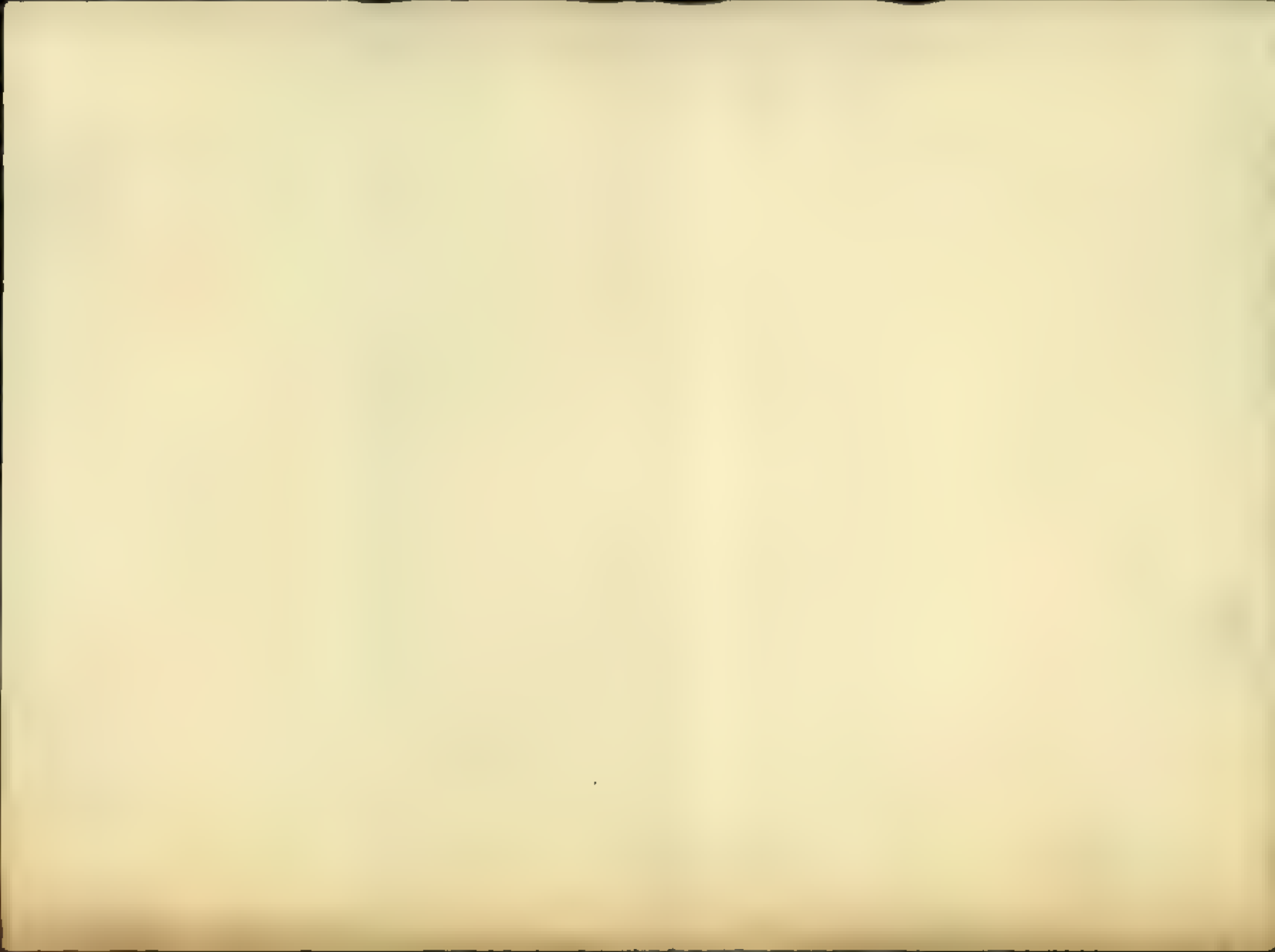
DRAYTON: LIGHT & POWER 192-5

Number.	Date.	From or To--	Subject.	
140232	11-20	CO	Reqt that 5 kw gen set be not removed during overhaul period for conversion. L To-- (NY) Disappvs. 11/24 To-- Disappvs. 11/25 CO reports on 11-25	
20710	11/25	DRAYTON	Submits list of material shipped	629
20710	12-23	To N.Y. & S&A	Sets will be shipped Jan. 9th	629
151671	3-31	CO	Alterations: location of standing lights in ward room, and lighting circuit. L Fwd Dept-- Rec disappvl. 4/10 RB 4/13 To-- Disappvs. 4/13	
157269	6-8	CO	Reqt authority to remove wire from ward room lighting circuit and place behind sheathing. L Fwd NY-- For comment. 6/14 RB 6/23 To-- Disappvs. 6/26	
168657	10-15	NY	Estimate for installing adapters night signal sets. L To appd 10/20	
168802	5-23	Phila	Gen sets; in good condition except bearings; reqt be lined with Parsons white Brass. L To-- Authorizes. 5/26	
217604	2-23	CO	Repairs to gen set; install additional lights. L Fwd Chasn--Wor. appvd. 3/20 RB 4-2 Chasn estimate 3-28 To Chasn--Appv est. 4/4	

192 -- 5

DRAYTON: LIGHT & POWER SYSTEMS.

FILE No.	From or To— (Dated)		Subject.	
28357	2/9	To Porta.	Switchboard arrgts. Reqt status of. R.B.3/8	381--5
39721	5/25	Bath 742	Switchboard voltmeter; C.O. states operates satisfactory...	
50396	10/5 NY		& PAULDING: reqt prints of lighting plans in connection with revising lighting in engine and fire room	337--5
✓ 52179	10/25	New York 384-590-4	Gen. sets: repairs to casing; submits estim te.L.	
✓ 52207	10/13 10/14	C.O. NY 384-590	Repairs to gen. set casing.L.	
53602	11/8 NY		& PAULDING: light in engine and fire rooms. twds prints of present and proposed arr.	337--5
54228	11/21 NY		& Paulding: lighting in engine and firerooms present arrgt satisfactory	337--5
70188	5-13 5-18	CO NY 384-756-1	1912 Repair elec. safety lanterns, and portable ventilating set.L	
84487	11-20 11-27	CO NY 384-775	Repair searchlight.L	



DRAYTON: R. DIO

Number.	Date.	From or To—	Subject.	
383902	1/7 1/9	CO C&R	Reqst. install emergency cabin for CO provide ventilation for radio room etc	192-3
396391	2:17 2:19	Boston Dept	Confirms telephone conv. directing do not del. vessel to install radio house and compass W Fwd Operations. 2-26	
396634	2:19	Boston	Will leave before installation of radio compass can be completed W	
354478	2 20	To 1st Dist	Radio apparatus for DRAYTON and destroyer 91 W to SAA Re at ship radio receiving equipt from Boston. To SAA Reqst ship order of 1078 to be cancelled 3/7	104-Q-5
418445	5/16	To Chasn	Authorizes installn of audion control box on DRAYTON and MONAGHAN. W	898

1913

2

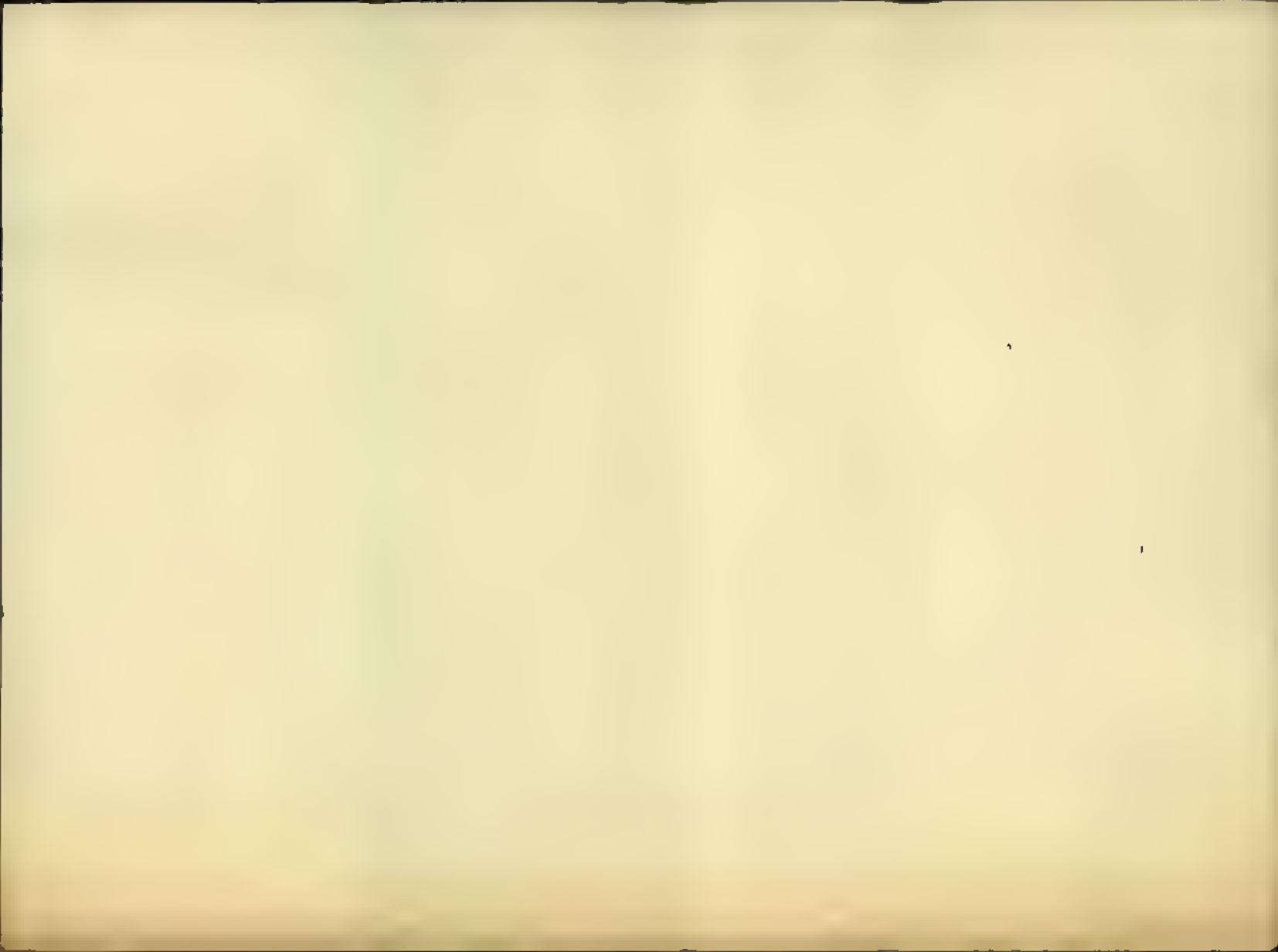
Number.	Date.	From or To--	Subject.	
88001	12-31	CO	Description.W.	
88196	1-5 1-21	CO NY	384-855-1 Reports on unsatisfactory working of set: and reports material necessary to remedy defects.W.	
✓ 96148	4/25	NY	384-855-2 Radio room: relocation of.W To---relocation deferred; also with reference to other TBDS. 5/22.	
99390	6-11	CO	Install hot wire ammeter and transfer switch.W Fwd NY.appd if recommended.6/15. RB 7-2 To NY.estimate appd.7/2.	
140238	11/14	CO	1914 New radio set	192-3
143097	12-26	NY	New motor starter for radio set: recommends not be installed until new wave changer is ready. W. To---Installation canceled. 12/29	
152906	4-21	To CO Via Flo Comdr.	1915 Reann 4E: withholds action on pending comment in regard to auxiliary radio sets. W-R	
183495	3-15	CO	1916 Reqt new radio set L	

192 — 6 DRAYTON: RADIO:

Number.	Date.	From or To—	Subject.
✓ 184364	4-12	To Phila Via C&R.	Have recd shipment of 2 K.W. radio transmitting set from NY for installation on; recd plans and estimates for installation. Return old set to NY. To SA--(2) Recd for shipment. 4/12 NY set on survey 87 received from DR YRON and sent to Phila Apr 12. 1916. 11-10
187297	5-8	Phila	Lowenstein set; recd May 5; no space available for installation. W To--(R) Auth place radio set satisfactory operating condition. 5/11
187405	5-8	Phila	Enlarge radio room; plan and estimate W To--Recd further information on. 5/18 Fwd C&R--6/10
✓ 189953	6-2	Phila	Radio installation; submits estimate for enlarging hose and installing 2 kW set. W To--(R) Is radio house considered adequate. 6/7 To--(R) Recd reply. 6/8 Phila (R) gives reasons for recommending 5-9 To--(R) Approvs estimates. 6/9 Fwd Dept via C&R--Have auth. 6/10 RB 6/21
✓ 190226	6-6 6-7	Phila Dept	Radio work; can complete by July 12 if authority received June 9. W Fwd Dept via C&R--Comments on. 6/10
✓ 202959	9/10 10/17	CO Flt	Replace present antenna. W To Phila--Recd est for. 10/27
✓ 22155	4/23	To NY	NY estimate will be submitted when vessel arrives at yard 4/28

FILE No.	From or To— (Dated)	Subject.	
33580 3/11	To NY	& TERRY: sets; will purchase MARCONI apparatus and directs installation at that yard	432--6
✓ No # 3/11	To Dept	NSA regn. 253: Reg. order for W.T. sets be placed with Marconi W.T. Co. Immediate purchase desired. Also TERRY & PERELLIS.	
36002 4/5 4/11	C.O. Norf 2067-3043	Reqt. repairs to wireless detector. W Ret Norf. apprd 4/13. RB 4-19	
✓ 37966 5/4	C.O.	Reqt. grounds in motor generator W.T. B. repaired. W Fwd NY apprd 5/8. RB 5-12	
38221 5/7	To C.O.	& TERRY: reqt report on working of system	432--6
38589 5/4 5/8	C.O. NY 384-855	Reqt. ground and motor generator of wireless be repaired. W	
39567 5/23	NY 380-820-4	Place wireless outfit in working condition. W	
39978 5/27	C.O.	Reports on efficiency of set. W	
82424 10/29 CO 11/5 THRU At. Flt.		1912 Overhaul and alter helixes of sending apparatus. W	
82646 10-29 CO 11-5 NY	384-855-5	Changes helixes. W To NY. appd. 11/15. Fwd Dept. 11/15. RB 11-19	

1913



DRAYTON: MACHY PLANT.

5

Number.	Date.	From or To—	Subject.	
430771	7-3	Dept	Instructions in connection with holding material inspection. Y To Bd I&S - Fwd correspondence. 8-13. Bd I&S - returns correspondence - 11/3	
434109	7:18	Dept	Material inspection of vessel will be held at Philadelphia prior to being placed out of commission. Y	
455020	10-7	Bd I&S	Report of matrl insp held 8-14.	Y
458396	11:17	Phila	copy Vessel placed out of commission. A	
			1920	
466732	1:2	Phila	(2 letters) Submits report of general survey by Board of Survey and Estimates. Y Fwd Dept. 1-13 RB-1:19 Fwd Dept. 1-13 RB-1:19 To Phila. 1-20 To Phila. 1-20 Phila-submits estimates-2:11 To Phila- Revised estimates appvd. 2-18	

192.6: DRAYTON: MACHY PLANT:

Number.	Date.	From or To	Subject.	
533969	12;8	Ports	Submits estimates covering installation of radio apparatus.W	
		1922		
642150	9/X	Phila.	Subm status of outstanding job orders.	Y

DRAYTON: L. CUY PLANT.

Number.	Date.	From or To—	Subject.	
205745	11-15	Dept	Repair limit Jan 6.Y	
214681	2-17	At Flt R copy AYLWIN	& DRAYTON badly damages; request be conveyed around matters.	517-8
215071	2/16	Dept	& DRAYTON: Available for repairs Chasn about Feby 26. Y	517-8
218372	3/6	Atl Torp Flo	Recommends all outstanding job orders be transferred from Norf to Chasn. from Boat to Chasn. Y	517-8
223259	4/12	Charleston	Drayton asks if incomplete work is to be transferred to home yard Y To--most work be transferred to home yard. 4/16	
258315	10/6	OO	Yds work accomplished at the Camell Leard Shipbuilding works. Y	
280927	1/18	OO	Report on work done last refit -- Y	
281950	6-7	To Boston	1st report of work on 6-10. Y. 2nd report Y. To Boston. Re cancellation of job orders 7-9	

DRAYTON: MACHY PLANT 192 - 8

Number.	Date.	From or To—	Subject.
345072	8-21	CO	Request prints for all fire room machinery such as boilers engines, etc. - D To CO. Was blue prints of mach plans 10-15 To CO. Was blue prints 10-17
385088	1:23	To Boston	Received back 2:3:19
397536	2:24	CO	Submits list of various prints reqstd. To- Fwds prints. 3-4
408262	4-4	To Boston	Transfer of job orders correspondence etc to Charleston Y
417181	5:7	CO	Reqst. prints of oil burner and air registers D To CO. Fwds copy of CO letter with reqt for prints. 5-12 To- Fwds prints. 5-13 C& R 2 let 5:21
KSA 1430	5-26	To DRAYTON	A approves reqst of Co to turn in store 4000 Cassco packing R

1915

DRAYTON: MACHY PLANT.

Number.	Date.	From or To--	Subject.
146824	2-2	Dept	Military inspection.Y Retd Via Ord-SEA--Noted. 2/10
150692	3-8	CO	Change pipe leads and install Audiffren ice machine.Y Fwd Dept--Rec disappvl. 3/29 RB 3/31 To-- Disappvs. 3/31
178593	2/7	NY	Fwds plan showing alterations and additions made 337-8
179120	1-21 2-4	CO At Torp Flo	Relative to delay in sailing.Y Fwd Dept--Noted. 2/16 RB 3/16 Fwd Dept--Rec lifting of rotor casings be undertaken by ship's force. 3/8
183494	3-13	CO	Request alterations to new forced draft blowers; and audiffren ice machine.Y Fwd Dept via L&R--Recommendations. 4/5 Y 4/15 Fwd Dept--Rec disappvl ice machine. 4/17 RB Dept directs that ice machines be not in- stalled TBDS prior to 4/22 Directs material inspection Phila.Y To Bd I&S--Fwds records of work on. 4/6 Bd I&S returns 4-24
183713	4/4	Dept	Fwd Dept--Rec installation begin with TBDS beginning #43. 4/22 RB 5/16 To CO--Disappvs. 5/16
185816	4-17	Bd I&S	Material inspection.Y Phila. (R) will fwd May 17 5-15 To Phila--(R) fwd estimates. 5/13
186360	4-14	Dept	Military inspection; fwds report.Y Retd--Noted. 5/6

DRAYTON: MACHY PLANT. 182-8

Number.	Date.	From or To—	Subject.
187283	5-9	Dept	Directs auth work be proceeded with; disregarding repair limit May 20. Y
188537	5-13	Phila	Status of work: fyds report. Y Fwd Dept Via Ord--Noted: 5/22
188568	5-20	Phila	Report of board survey and estimates. Y Fwd Dept--Recommendations: 5/22 RB 5/25 To-- Gives action on. 5/25
188867	5-23	Dept	Repair limit June 24. Y
190502	6-10	Dept	repair limit extended to July 12. Y
190674	6-12	Dept	Repair limit extended to July 15. Y
192755	7/1	CO	Reports on condition of machinery and boilers. Y
193947	7/15	CO	Repairs to throttle valves, gage glass fittings, fuel oilheater, etc. Y
202957	9/10 10/17	CO Flt	Provides Cummings engine log system and small portable blower. Y Fwd Dept--Rec disappvl. 10/21 RB 10-24 To CO--Gives action on. 10/24

DRAYTON: MACHINERY PLANT.

Number	Date	From or To	Subject
95483	4/21	CO	Fwds list of work to be done by ship's force during overhaul period. Y
/ 95921	3-21 4-18	CO NY 384-755-1	Repairs to circulating pump, thrust ring, foundation for steering engine, stern tube gland, gen sets, testing set. Y. To NY arpd. 4/28. NY 4/28. Relative to misunderstanding of Bu and yard in connection with Naval Instructions Article 4335. Y Ret NY instructions. 5/6. RB 5-4
✓ 109151	10-29	CO	Reqt. turbine circulating pumps, and Bu type fuel oil burners. Y Fwd NY work authorized. 11/11. RB 11-2
✓ 109150	10-29	CO	Reqt. 10 in lieu of 5 kw gen sets; new distillers, connections between fire room and salt water side of port main condenser. Y Fwd Bu for est and rec. 11/11. RB 12-2 Fwd Dept via C&R with rec. 12/4. RB 12-17 To NY instructions. 12/20.
✓ 109210	10-30	CO	Switch for search light, feeder mains on bridge and rebuild back wall of all boilers. Y Fwd NY arpd. 11/5. RB 11-9
/ 111734	12-1	CO	Install independent suction from each oil bunker, additional lub oil storage, evaporator, heat water heaters, separator for evaporators, and augmentor condenser. Y Fwd NY for est. 12/12. RB 19 Fwd Dept with rec. 1/12. RB 1-15 To NY instructions. 1/15.

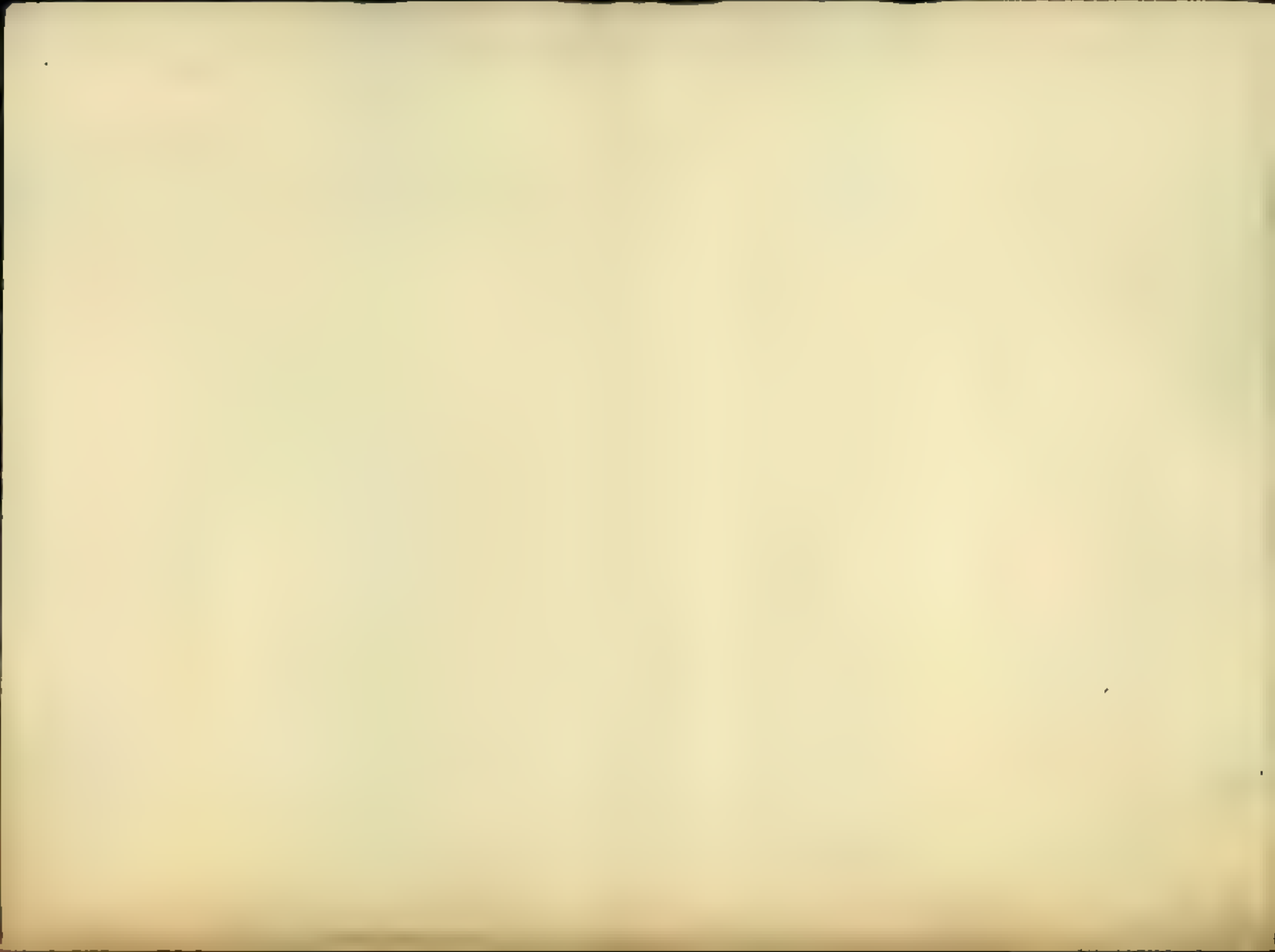
1914

DAYTON: MACHY PLANT. 192-8

Number.	Date.	From or To—	Subject.
✓ 116715	1-20	Dept	Inspection; military; fw-s. Y Ret---via Ord. S&A. 2/9
126181	5/24	CO	Requests installation of a new ice machine and a feed water connection from auxiliary feed pumps to feed water heater. Y Fwd At. Torp. Flt. for rec and comment. 6/4 Ref. Dept. records. dis. 6-19 To—6/24
✓ 126179	5/25	CO	Gives list of work undertaken by ship's force during overhaul period in New York. Y
✓ 127104	6/10	Dept.	& WASHINGTON: PENLEY: repair limits July 15, July 15 and July 25. Y
✓ 128837	7-1	Dept	& WASHINGTON: repair limit July 31. Y
✓ 139599	11-13	Dept	Repair limit Jan 10. Y
139895	11-11 11-16	CO At Flt	Alterations to valves in Tan I steam line to port LP turbine: new traps, zinc box for fire main connection between oil and folds fuel oil pump: pressure gages in fire rooms, new type radiators. Y Fwd NY-- 11-20 11/23 Fwd NY-- 11/23 128 Fwd NY-- work authorized. 12/9 Rep't alterations in connection with C&R Wk. Y Fwd Dept--Recommendations. 11/27
140095	11-14 11-16	CO At Torp Flt	

DRAYTON: MACHINERY PLANT: GENERAL:

FILE No.	From or To— (Dated)	Subject.	
✓ 30786 2/3 TO	C.O.	Requests report on location of distillers, oil cooler, circulating pump, and asks if pump connections or regulators are necessary on main feed pumps. N	
✓ 31442 2/8	C.O.	Reqt. location of distillers, capacity of oil cooler circulating pump, pump regulating valves for main feed pump. D	
34829 3/28	C.O.	TBDs: of class: reqt report on performance of machy.	496
✓ 48436 6/10	Dept 28043-4	Report of inspection held Apr. 20. Y Ref. Dept. 9/27	
1912			
64837 3/25 NY		& PAULDING: fws tracings showing alterations and additions in machy and piping.	337--8
✓ 67228 4/8 4/17	CO NY 364-755	Rebore cylinders of feed and fuel oil pumps and repair brick wall of boiler #1. Y	
✓ 79955 9-27 10-9	CO NY 364-755-2	Replace stbd propeller, repair main and circulating pump, oil heater, fire room piping. Y TO -- appvd. 10-25	
57	NY	1913	

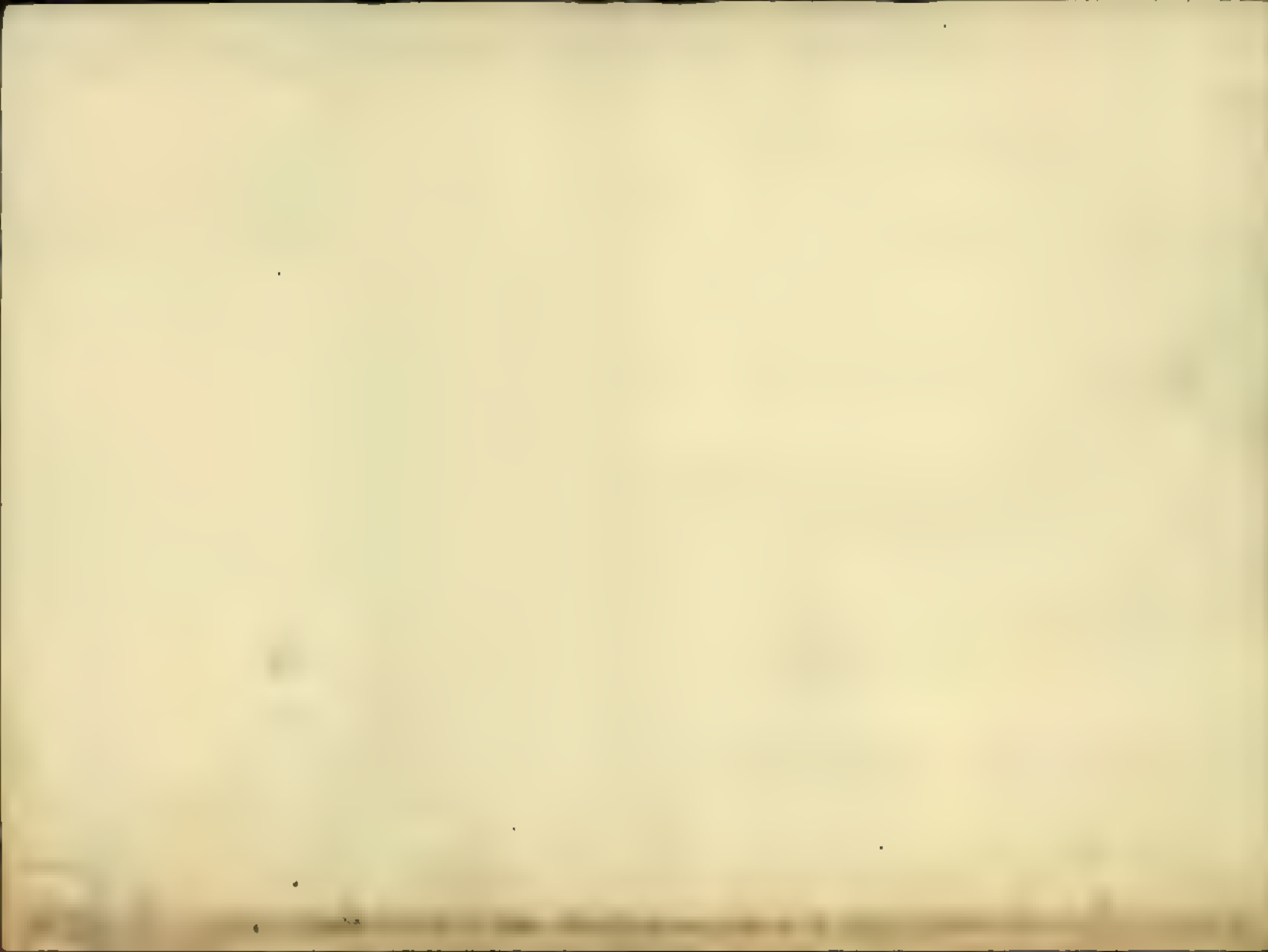


DRAYTON: MAIN ENGINES.

Number.	Date.	From or To--	Subject.	
✓ 158994	6-25	CO	Report on examination of turbines.Y Fwd Dept. 6/28 RB 6/30 To via NY--Appvs recommendations.7/1	
152724	3/21	Dept	1916 Copy of instructions to At Torp Flo directing that routine lifting of rotor casings for examination of turbines shall be done by ship's force	637
185220 VOID	4-7	CO	Report of crack in main steam pt Y casting.Y	
✓ 190690	6-9	CO	Turbine casings; reports on conditions found after lifting.Y	
✓ 191493	6-20	Phila	Request authority to make alterations in maneuvering throttle valves; impossible to make present design steam tight.Y To--(R) Appvs. 6/23	
✓ 385088	file	CO Boston	1919 Req. examination of turbines be made Fwd Operations. 1-16 R B 1;21;19 Fwd Boston. 1-23	

DRAYTON: MAIN ENGINES: ETC.

FILE No.	From or To— (Dated)	Subject.	
✓ 30331 1/27	Bd. on Changes 161	Omission of tallow tanks; dec. cost. N To Bath apprd 2/1	
✓ 30337 1/27	Bd. on Changes 1949	Lubricating oil supply for turbine bearings: installation of 1" lock valve. Inc. cost. N. To Bath apprd 2/1	
✓ 30347 1/27	Bd. on Changes; 170.	Inc. cost: installation of calorimeter in main steam pipe. To Bath apprd 2/1	
35167 3/30	Horf.	PAULING: recd prints of oil deflectors for turbine bearings.	337--9
✓ 49640 9/26	C.O.	Recommends annual lifting of turbine casings be postponed for one year; turbines in excellent condition. Y Fwd Dept. recom. be waived. 9/28 RRA-80-200 Ref. J.C. 10/2 RRA-80-200	
		1912	
68303 5-4 5-6	CO NY 384-780	I.P.C. turbine thrust bearing; top cap for. Y	
82373 11/7 11/9	CO NY 384-590-7	Repairs to blades of turbine. Y	
		1913	
111823 11-26 12-1	CO NY 384-590-4	Re. reathing MHP turbine. Y To NY. appd. 12/4	
		1914	
118573 2-25	CHY	Change in lub oil tank; fws weight sheets. D Fwd CIP. fws weight sheet. 2/99	



DRAYTON: MAIN BOILERS. ETC.

1913

Number.	Date.	From or To—	Subject.	
✓ 108153	10/16	At. Fleet	Reports on inspection of boilers.Y	
109150	10/29	C.O.	Reqt new distillers, etc	192--8
109210	10/30	CO	Switch for searchlight, rebuild back wall of all boilers, etc.	192-8
111734	12/1	C.O.	Install independent suction from each oil bunker, evaporator, feed water heaters, separator for evaporator, etc	192--8
115580	1-19	NY	1914 Reports on inspection for leaks and repairs made to casings.Y	
✓ 118576	2-25	NY	Alterations to distilling plants: fwds weight sheets.D Fwd C&R 2/27. 111 111	
✓ 123006	4/21	To NY	12300 Extract from steam log shows distiller tubes tubes furnished under NY reqn 86 defective: report contractor: name and any tests made on receipt of tubes. I NY replies 5-6 To CO asks if can be expanded after being annealed. 5/8. CO 5/17 further report on defective tubes.Y	

DRAYTON:MAIN BOILERS: ETC. 192-10

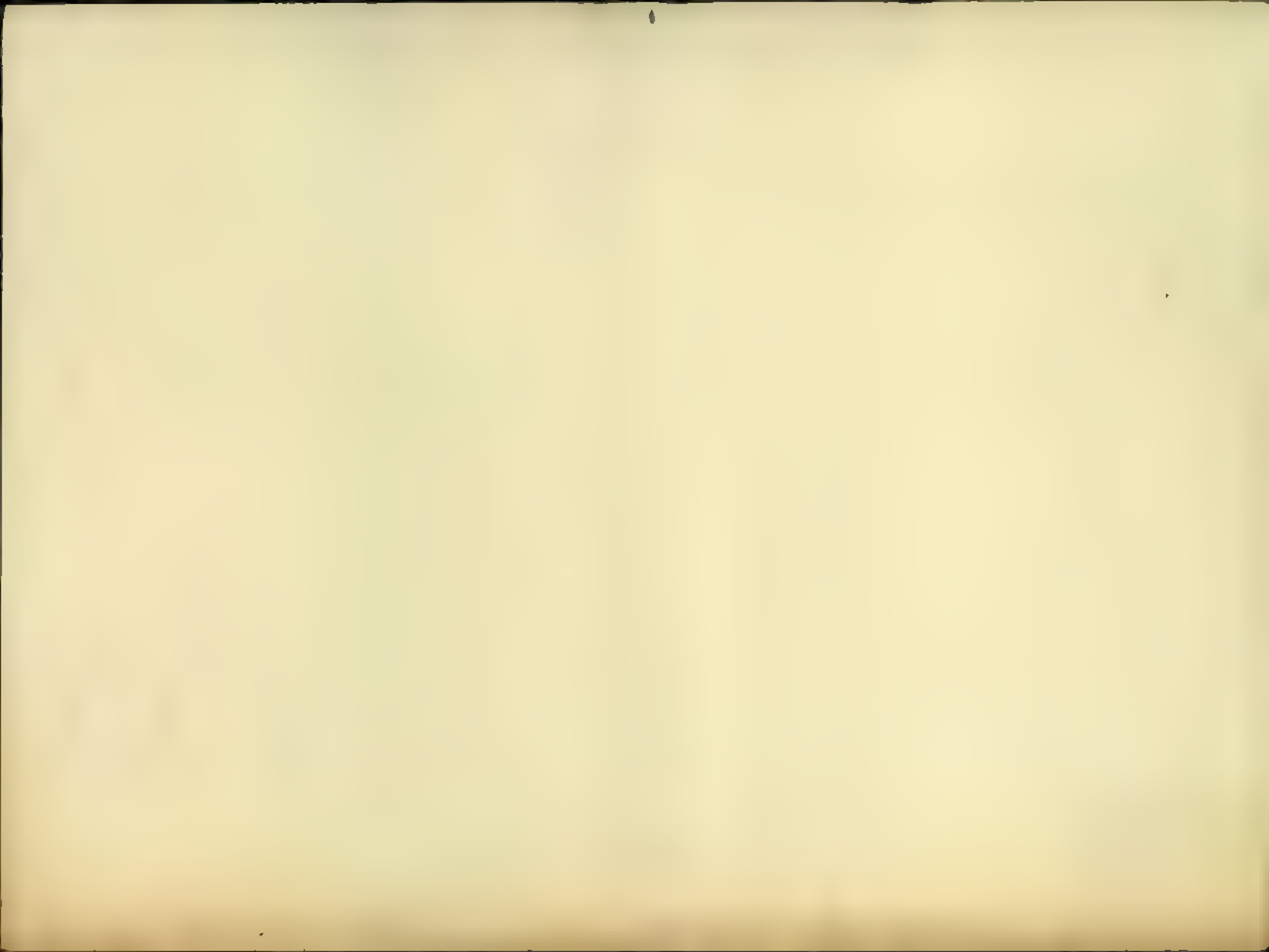
Number.	Date.	From or To--	Subject.
✓ 126987	6/9	CO	Request new design distillers. Y Ref. Dept. r comds. 6-11RB & 10-11RB Fwd NY. 6/16-10 & 24
✓ 151120	3-30	CO	Evaporating and distilling plant: reports on method employed in care and operation of M
✓ 161567	7-27	To NY.	Defective feed heater tubes: quotes extract from steam log: reqt comment of Y RB 8/13
✓ 270553	1-2	To S&A	1918 Reqt ship boiler tubes from Boston Co. Y To NY- inform if tubes yet received / 2-14 RB 3-2Y
✓ 308602	5-17	Charleston	Evaporator coils - requests print. D
✓ 322517	5/12	CO	Submits report of pitting found in boilers -Y To CO, re elimination of 1500 L&C tubes 7-8

192 -- 10

DRAYTON: MAIN BOILERS: ETC.

1 ✓

FILE No.	From or To— (Dated)	Subject	
✓ 30322 1/27	Bd. on Changes 167	Change in brick work of boilers; inc. cost. N. To Bath apprd 2/1	
✓ 30328 1/27	Bd. on Changes 1939	Smoke observation towers in uptake of boilers. Inc. Cost. N. To Bath apprd 2/1	
✓ 30356 1/27	" " " 1300	Inc. cost, lengthening smoke stacks to 8' N To Bath apprd 2/1	
31442 2/8	C.O.	Reqt location of distillers: capacity of oil cooler circulating pump, pump regulating valves for main feed pump	192--8
32199 2/19	C.O.	submits results of test runs. oil fuel heaters boilers, brickwork, etc	192--2
45406 8/4	To C.O.	BLOWN S. turbine, "Terry" packing gland on shaft, reqt report on.	612--4
46085 6/3	C.O.	BLOWN S: States packing glands for, furnished by Terry Steam Tur. Co. have not yet been fitted.	612-4
1912			
67228 4/8	C.O. NY	Repair brick wall of boiler #1	192--8
✓ 75314 8/7	At. Flt.	Boilers: reports inspection of. Y to N.Y. fwda copy 8/10	
52522 11/25	C.O.	FIRE BRICKS, reports satisfactory	443--10



1913

L

Number.	Date.	From or To—	Subject.	
103621	8/13	To	Motor dory 971. reqt revised sheet C	611--2
✓ No #	10/13	To CO via At Torp Flo.	Survey #1: Motor dory 971: turning into store for sale of Ferro engine 3075 disapproved.	
No #	11/15	To NY	Motor dory 971: Rec that Ferro engine, Bu. to 3075, be sold is approved. Assignment of engine to replace is withheld.	
~~110828~~	~~11/17~~	~~Hannibal~~		
110817	11/20	To NY, Nerf, etc	Motor dory 971. EE engine 2231 assigned.	611--2
111837	12-15	TO NY	Asks if received engine 2231 from Nerf	12 225-11
1914				
116608	2/2	To Drayton	Motor dory 871. Bu. record shows engine 2231 instead of 2131	611--2
129449	7/16	To CO	Directs EE engine 2231 be turned in,	611-2
130289	7/18	DRAYTON	Corrects number of engine in motor boat 971; should be 2231	611-2
131125	7/29	C&R	Assigns motor dory 1666 in lieu of 971 to ship	611-2
141182	12/3	NY	Reports issue to DRAYTON of one Ward boiler 876	611-1

DRAYTON: AUXILIARY MACHINERY 192 -- 11

1915

Number.	Date.	From or To—	Subject.	
146857	2/10	To DRAYTON	Reqt C&R registry number of boat in which type EE engine 2331 is installed	611-2
153230	4/24	C&R	Directs construction of motor sailing launch at NY	611-2
185563	4/22	C&R	1916 Assigns sailing launch 2539 to DRAYTON in lieu of WILKES	611-2
185582	4/22	C&R	Directs motor sailing launch 2471-2 now assigned DRAYTON & WARRINGTON be re-assigned for issue	611-2
187258	5/8	C&R	Assigns motor dory 1286 to DRAYTON now assigned DOWNES	611-2
193507	7-12	Phila	2172 drawn for motor dory 1286	611-2
193561	7/14	Pwd CO	Returns C sheets of steam log for correction	611-2
194337	7/21	Phila	EE engine 2172, motor dory 1286, ordered repaired	611-2
480428	3/8	C&R	Copy letter to Phila assigning boats listed to DRAYTON:	611-2

192 -- 12

DRAYTON: CONDENSERS: MAIN. ETC.

FILE No.	From or To— (Dated)	Subject.	
√ 30352 1/27	Bd. on Changes 1937	Sub. of galvanized steel for brass condenser sheets. Dec. Post. N. To Bath apprd 2/1	
38427 5/11	To NYS	& PAULDING: main: fwds prints:	337--12
		1912	
		1913	
111734 12/1	C.O.	Augmentor condenser, etc	192--8



DRAYTON: HEATING: VENTILATION: REFRIGERATION 1914

Number.	Date.	From or To—	Subject.	
126181	5/24	CO	Reqt's installation of a new ice machine	192-8
127281	6/12	CO	Install steam radiator in radio room. Y Fwd NY. appd. 6/13. RB 24	
			1915	
150693	3/8	CO	Install Audriffen ice machine	182-8
151672	3-31	CO	Radiators in ward room and staterooms; rect change in supply line. Y To-- Authorized to perform work as recd. 4/8	
167553	10-5	CO	Install forced ventilation in living compartments and engine room. Y To-- Under com C&R. 10/15 Fwd C&R--10/15	
167554	10-5	CO	Install refrigerating plant. Y Fwd Dept. recd. 10/12 RB 10/12 To-- Disappva. 10/12	
✓ 191176	6/17	C&R	1916 Ventilation, engine room: no work to be undertaken pending further instructions. Y	
292086	3-28	To SEA OVER	1918 Reqt shipmt one CO ₂ ice machine from Phila to CO. Y To Phila Via SEA Comments on shipmt of above 8-5 To NY. Reqt's shipmt of ice mac. line. 11-23 To CO-- Inform in material recd. 2-7 RB 2;19 SEA 6:17 C&R -- 8/20	
	12:12 NY			
		To CO-- Fwd's correspondence on ice machines (Drayton) 2-21 Fwd SEA 3-25		
		To SEA-- Reqt's shipmt data. 4-30 copy to CO-- Flt Sup Base and Chasrn. 4-30		
		To CO-- rect turn in to store ice machine spare parts. 8:22Y RB 9/19		

DRAYTON: PROPELLERS & SHIFTING

1919

Number.	Date.	From or To—	Subject.
417735	5:9	Chas.	Fwd. sketch in connection in straightening of bent place in center of propeller shaft Y
415252			Shipment order 5-2 r b 5-19. Norf (T) center propeller shaft forging marked for JENKINS & JOUETT available 5/26 To Norf (T) - 18 center propeller shaft JOUETT available at Norf. copy by mail to Charleston. 5-24
361677	6-4	SEE CARD 4	Fwd S&A. Yh RB-9:6 S&A 5/6 Fwd S&A. 9-8 To Fleet— Asks report rec of prop cap 11/10 Flt Supply Base - 11/15
443916	9-8	To Comdt Chasn	Survey of spare propellers. Yo RB-10:3 Chasn—fwd prints/9:7 To I.M. Norf— Fwd prints. copy to S.O. Norf. 10-2 To S&A— Recd shipment propellers from Chasn to Norf. 10-2

DRAYTON: PROPELLERS & SHAFTING.

Number.	Date.	From or To--	Subject.
✓ 239565	7/20	To S&A	Reqt shipt of propeller from Norf to. Y
272936	1-11	To NY	Spare left hand propeller. Report if was actually shipped or not to base operating. Y Fwd Norf- 1-18 Received Back 128
361677	10-24	To S&A	Reqt shipt propeller cap Boston to Base 17 Y
To S&A- Reqt shipt data. copy to S.O. Pier 134S. Brook CO- S.O. Base #7 3-6 S&A reports on efforts to trace propeller caps 3-25		To Flt S B Brook-Inform if material has been recd and trans-shipped. 2-1-19 copy to CO	
Fwd S&A- 5-1 Card 5		To S&A- Gives directions re shiptments. copy to CO. 2-8	
10-20		Brook Forces - 1/3	
		Reqt 7 propellers - 1/3	
401406	3:10	NY	Recommends propeller wheel be re surveyed and scrapped and 1 of manganese bronze mfgd. to - New propeller to replace manel metal propeller not desired. 3-13 to S.O. NY- 3-14 copy to T.E. NY

Drayton; propellers & shifting.

Number.	Date.	From or To—	Subject.	
409312	4/8	Cruiser Force Copy	DRAYTON: BUILDING: TERRY damaged center propellers in dense fog- are making repairs-Y.	496
410578	4-14	Phone S.O. My	Propeller. Reqt for auth to take from MY to Chasn. Auth granted. copy to CO and Comdt Chasn. Y	yd
415252	5-2	To S&A	Reqt shift center propeller from Norf to Chasn. Yo Phone Comdt Chasn- 5-3 copy to CO	
415803	5/2	Chasn	Confirms telephone conversation relative to propeller shaft - Y	
416912	5/8	Chasn T	Propeller shafts straightened and reinstalled - Y	

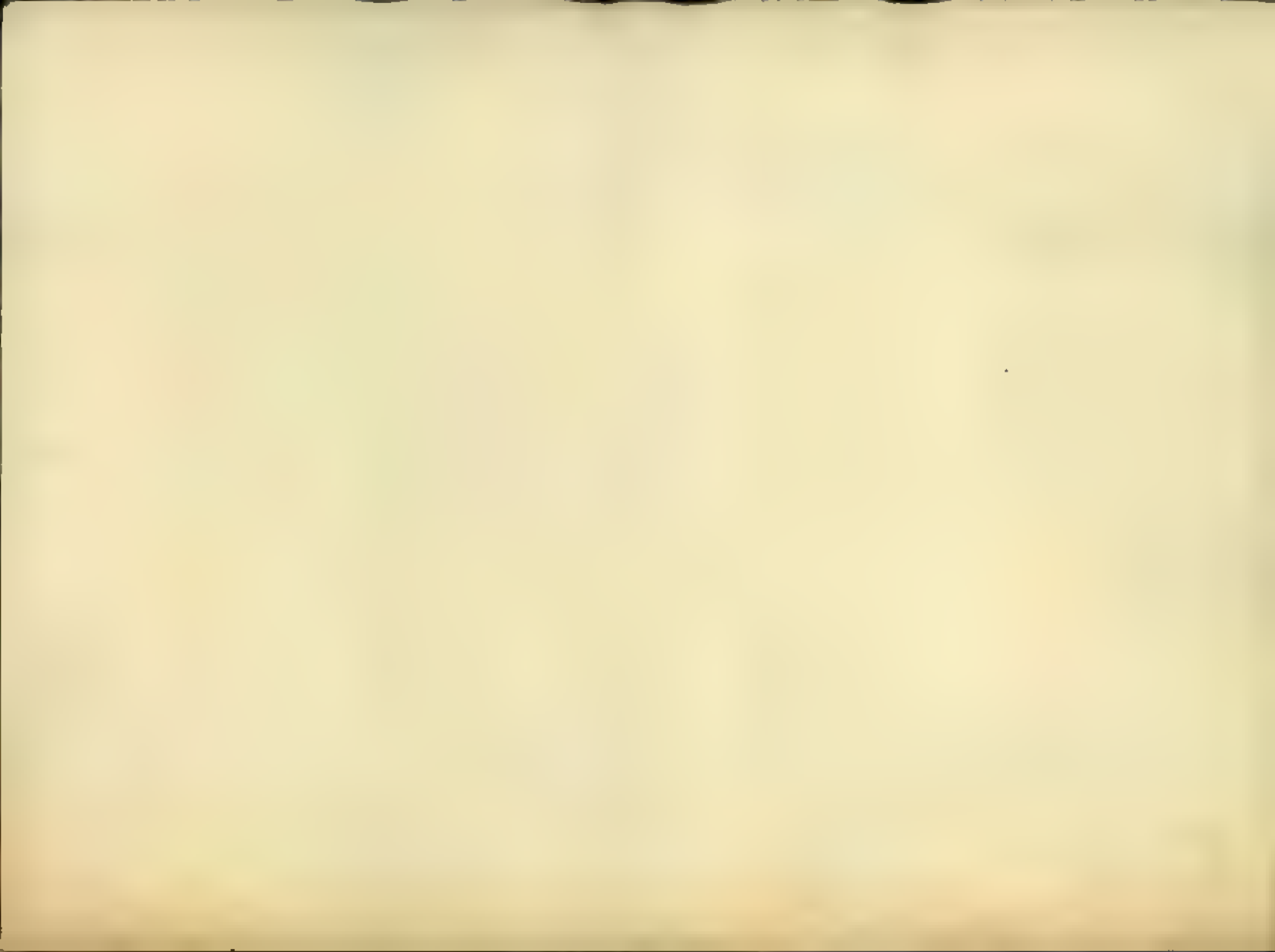
Number.	Date.	From or To—	Subject.	
47137	8/23	NY	& PAULDING: reqt prints of	337--14
51513	10/19	C.O.	Rev. indicators - req. change to read when engine is backing	665-7
			1912	
79955	9/27 16/2	CC NY	replace stbd propeller, etc.	192-8
			1914	
✓ 119023	2-14	NY	Stbd and centre propellers were mfg according to Bu drawing 26-Q-559. D	
136588	11/3	NY R	JOUETT: faded right and left hand propeller of DRAYTON Nov. 3	254-14
✓ 167005	9/29	NY R	Reqd auth to dock to replace broken propeller. Y Fwd Dept-- Noted. 10/1	
✓ 167184	10/1	NY	Spare starboard propeller surveyed as unfit for use; reqt shipment of a replace. Y S&A report shipment PAULD propeller 10-2 10-4	
✓ 167172	9/29 9/29	3rd Div Atl Torp Flo NY	Relative to docking and fitting new blade on propeller; WARRINGTON to relieve on neutral duty. Y Fwd Dept Via O&R-- 10/2 To NY--Will ship new blade to. 10/2	
✓ 167292	10-2	NY	Propellers: reqt PAULD'S be shipped from Boston. Y	

DRAYTON: PROPELLERS. 192-14

Number.	Date.	From or To--	Subject.
168732	10-4	Bost	Stbd propeller ex-PAULDING shipped NY Oct 2.Y
176524	1-18	NY	Spare righthand propellers: surveyed and scrapped; rect spare be furnished.Y To Phila--rect to ship 2 propellers. 2/7 To S&A--Rect for shipment. 2/7
186792	5-1	Dept	Report of board of investigation to damage to centre propeller.Y Retd--Noted. 5/6
189173	5/24	Phila	Spare propeller; manufacture of; estimate.Y To Phila. authorizes 5-29
190499	6-7	Dept	Report of board investigation on grounding of: only damage to propeller blades. Y Retd--Noted. 6/15
205780	11-21	CO	Gives shaft measurements; no realignment necessary at present ti a.1 Fwd Phila--For comment and Rec. 12/1 RB 12-16 Fwd Phila--12/20 RB 1-3 Fwd Dept--1/6RB 1-9 To Phila--Shafts will be realigned when ship next available. 1/10

DRAYTON: PROPELLERS: & SHAFING:

FILE No.	From or To— (Dated)	Subject.	
✓ 34482 3/23	Dept	Damage to; ordered to New York for docking; urgent necessary work authorized in advance of estimates. Y (T) to NY. Work auth. adv. est. 3/24.	
✓ 34610 3/22 3/24	C.O. Dept	Reports touching bottom with contra propeller bending blades while passing near Point Lookout. Y Ret Dept. 3/30.	
34628 3/25	To Bath	PAULDING &: spars: reqt quotation.	337--14
35222 3/31	Bath Iron Wks	& PAULDING: quotes price on propellers	337--14
35625 4/7	NY	& PAULDING: spares: propellers removed can be repaired: recommends purchase of 3 additional	337--14
36718 4/21	To NN	& PAULDING: line shaft bearing: fwds print	337--14
36994 4/22	NY	& PAULDING: submits estimates for mfg of 3 propellers.	337--14
✓ No # 4/25	To S&A	NSA reqn. 289. Rec rejection of bid of Bath Iron Works: To be mfgd at NY Yd.	
J40396 6/1	Bath 785	Measurements; fwds. N.	
41298 6/14	NY	PROPELLERS: blades: reports two on hand for	697
✓ 45304 8/1	C.O.	Reports excessive vibration of center propeller: found on examination caused by stick of spruce wood being attached thereto; no damage done blade. Y	



192 -- 14

DRAYTON -- PROPELLERS & SHAFTEING

FILE No.	From or To— (Dated)	Subject.
✓ 28331 1/3	Ports. 218-8	Port; taken by ship; could not be satisfactorily strengthened To N.Y., reqst report on blade 1/9
✓ 28782 1/9	G.O.	Reports (stbd) propeller shaft stored at NY Yd To Bath, SEA, NY, Shipmt NY to Bath 1/12.
✓ 28847 1/11	NY 384-740-2	Port. can be repaired by burning on pieces; gives estimates. To -- appr 1/12.
✓ 29914 1/24	Bath 156	Omission of spare propeller shafting; est. dec. cost.
✓ 30344 1/27	Bd. on Changes 173	Inc. cost; installation of 2 tachometers on side shafts. N. To Bath apprd 2/1
✓ 30350 1/27	Bd. on Changes 317	Inc. cost for 3 Hopkinson Thring torsion-meters. N. To Bath apprd 2/1
✓ 30360 1/27	" " " 177	Omission of spare shaft & couplings. Dec. cost. N To Bath apprd 2/1
✓ 33657 3/11	Bd. I&S 374	Asks if new propellers are to be of same design as old. N. To -- same design 3/13.
✓ 33655 3/11	Dept	DRAYTON; PAULDING; TERRY: Quotes letter to NY Yd. directinf repairs to. on arrival of vessels, approx. Mch. 12 or 13th. N
✓ 33699 3/13	Dept	PAULDING; TERRY: Dept. fwds corres. relative to necessary repairs to propeller blades. N and fwds report of grounding. Ret--noted 3/15



1912

DRAYTON: PIPING SYSTEMS.

Number.	Date.	From or To—	Subject.	
69424	5-17 5-20	CO NY 384-735-2	Repair copper pipe. Y	
83047	11/30	To NY	Install cut-out valve in steam pipe, to each oil supply and fuel oil service pump.	252-8
95648	4/21	CO	1913 Renew steam lines from cut-out valves to oil service pumps placing in Ys in place of T's. D Fwd NY instructions. 4-24	
126181	5/24	CO	1914 Request feed water connection from auxiliary feed pumps to feed water heater	192-8
162901	7/27	TRIPPE	1915 Defects in steam piping	448-15
176380	1-14	CO	1915 Request authority to disconnect bleeders. YD To-- Au horized. 1/17	
✓ 185220	4-1	CO	Reports crack in main steam Y casting. Y To Phila-- DRAYTON-PAULDING-TRIPPE-Req est for replacement of main steam line Y-branch fittings. 8/15 RB 9/1	
188678	5-18	CO	Removal of bleeder line; result satis; recommend be made permanent. Y To-- Appvs. 5/24	
✓ 190563	6-7	CO	Request authority to turn in bleeder pipes removed from Y To Via Phila-- Appvs/ 6/12	

Number.	Date.	From or To--	Subject.	
45065	8/1	To C.O.	Changes in oil burning installation; has requested estimates for installation of adjustable air registers. D	
44896	7/29	Bath	& PAULding; contrs. submit est. inc. cost for fuel oil hand pump. understands not treated as a change.	337--16
45759	8/14	To Dept.	Air registers for oil burning system; rec installation. H.B. 8/16 appd.	496
✓ 46840	8/15	C.O.	Oil burning installation; submits recommendations and sketches for fitting with air registers; air cones fitted as near the top of burner as shown on Bureau print would burn out cones. D Fed. NY. cost proposed method be considered when repairs are made to 8th Tor. Div. 8/19. 8/23, RB 8-6	
			1912	
			1913	
98476	5/29	Phila.	Oil burners; request shipping instructions. D To NY. 3-4 Request shipment to NY, and install when ship is available 6/2.	
109151	10/29	C.O.	Reqt Bu. type fuel oil burners.	192--8

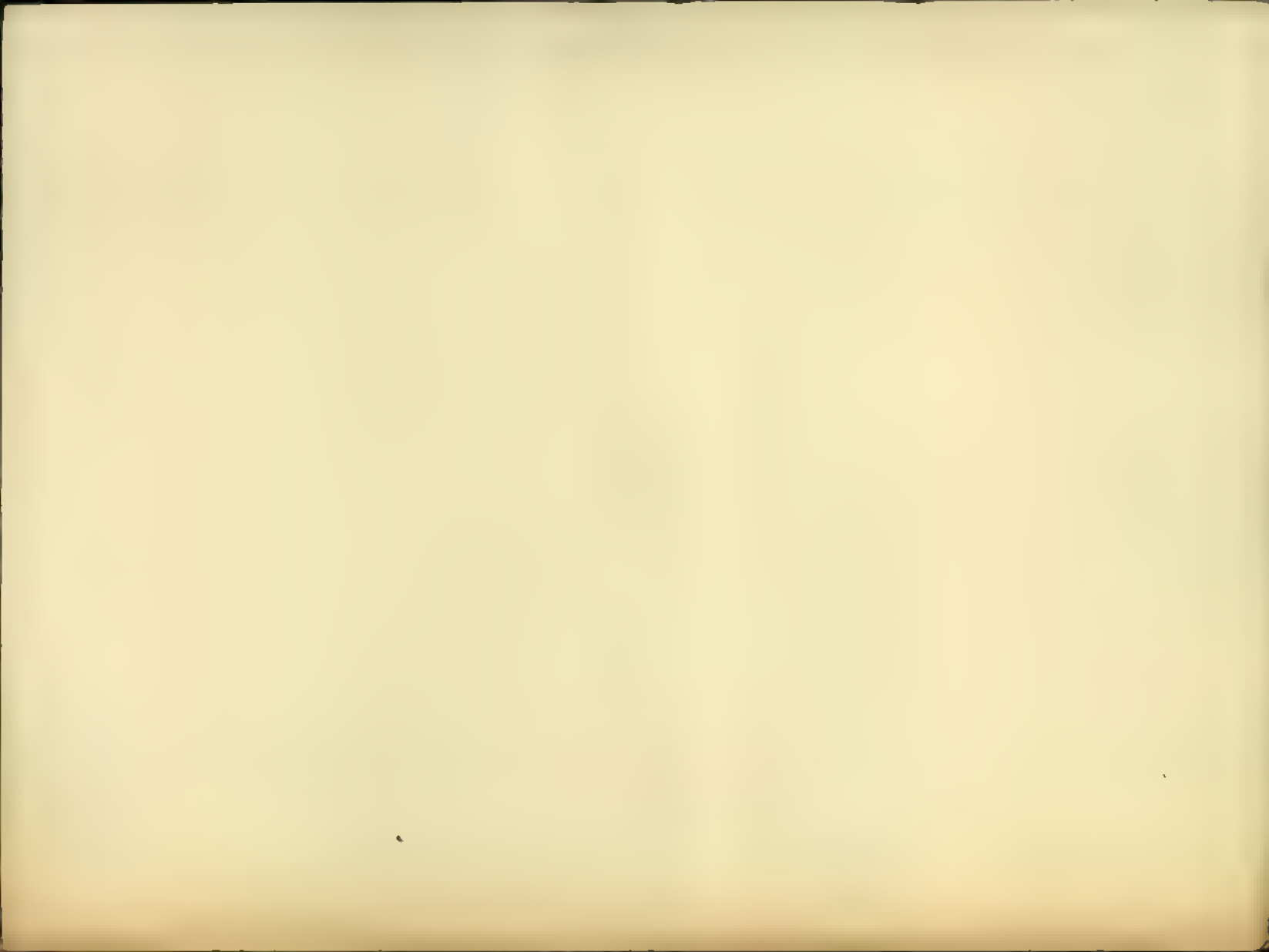
NU-0120

FILE No.	From or To— (Dated)	Subject.	
29938 1/21	C.O.	Sends data sheets for 10 six hour test runs; a and gives deductions: states boilers cannot be operated with all burners, without danger to brick work	192--2
✓30334 1/27	Bd. on Charges 2077	Inc. cost for fitting 4" deck suction connection to after fuel tank supply pump. . . To Bath apprd 2/1	
✓30325 1/27	Bd. On Charges 1934	Inc. cost for hose connection on tank supply pump discharge manifold in after fireroom.N. To Bath apprd 2/1	
✓31381 2/8	Bath 244	Reqt. reconsideration of change in cost for fitting deck suction connection to after fuel oil tank.N. To -- Requirements 2/16.	
✓35353 4/4	TO Washn	✓ & STEPHEN: Fuel oil; reqt. analysis of samples.S Sends analysis. 4/10 Fwd SIA 4/11. R.S. 4/14	
✓36342 4/14	Bath 568	Reqt. shipping directions for burners and tynes which they desire to install before final acceptance trial. N To -- & Nrf. Shipment to be made to Norfolk. 4/17.	
✓37155 4/24	Bath 607	Sends tracing of tynes for oil burner and oil burner Normand system.N.	
✓37430 4/23 4/28	C.O. At. Torp. Flt	Recommends against changing location of oil pressure pump. D Fwd NY Change will not be made during present visit to yard. 5/2. BB 5-24 To NY--Ask if we are in position of fuel oil pump has been. 4/16/17 NY to record of change. 4/16	



DRAYTON: WORKSHOP & TOOLS:

FILE No.	From or To (Dated)	Subject.
✓ 30353 1/27	Bd. on Changes 1946	Omission of mandrels for white metal lining; a: dec. cost. N To Bath apprd 2/1
		1912
		1913
No # 5/9	To NY	Survey 6; Repairs to Ray and Scott lathe appd. Y
		1914
137483 10-17 CO		Reot permission to turn in oil burning forge recently supplied: unsuitable: no hand pump. Y To Via NY and Tor Flo--Submit reqn for 10/24 At Torp Flt coal burning forges: are more efficient than oil: should be installed on all TBDS 11-17



DRAYTON: pumps, etc

Number.	Date.	From or To—	Subject.	
67228	4/8	C.O.	Rebore cylinders of feed & fuel oil pumps.	192 -8
74446	7/23	CO	Circulating engine frame cracked; fwds sketch showing temporary repairs. To-C.O. via Flotilla, has directed mfr at NY. 7/30 To-NY, directs mfr 7/30 To-S&A shipment 7/30 & B 8-17 Ref-S&A. noted 8/17	
1913				
95921	3/21	H.O.	Repairs to circulating pump, etc	192--8
103668	8/7	Boat	Circulating pumps, on TBDS of PAULDING CLASS. C&R will authorize incidental work, reqt names of vessels on which installation is to be made.	698--2
109151	10/29	C.O.	Reqt turbine circulating pumps.	192--8
1914				
139188	11-4 11-5	CO At Torp Flt	Reports main circulating pump on lines unrepairable; affects efficiency of ship. Fwd Dept 11/11 Rec be ordered to NY for repairs. 11/11 To via Atl Torp Flt 11/14 NY for repairs. 11/14	

DRAYTON: PUMPS. 192 — 19

7015

Number.	Date.	From or To—	Subject.	
20085	6/22	NY	DRAYTON; estimate for lagging	629
154133	8/21	CO	Turbine driven circulating pumps supplied by Delaval Co; reports on operation of with particular reference to oil grooves.	698-2
✓ 215626	1-29	CO	17 Change location fuel oil pump.Y To Host authorized 2/24	
✓ 220420	3-29	Host	Relocation of fuel oil service pump; request drawing showing similar work done on PAULINE. D To Host authorized 4/1	

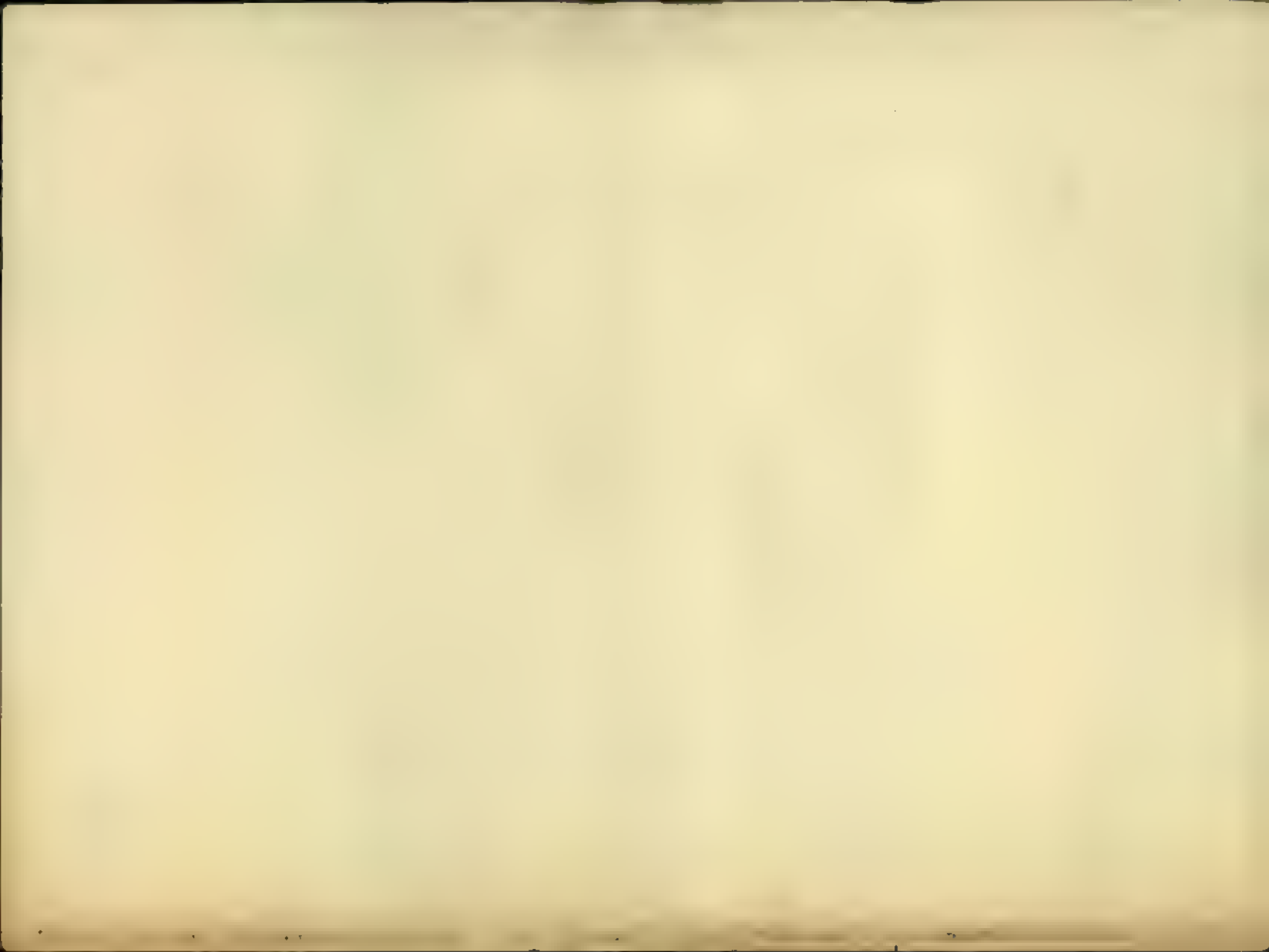
DRAYTON: VALVES: GENERAL.

1912

Number.	Date.	From or To--	Subject.	
70011	11/9	To CO	4" Triplex boiler safety valves being replaced by Ashton Valve Co. request present status. After being fitted and tested, request report.	496
84287	12/4	Bath	& PAULDING: reqt to be advised when matter of spare springs has been adjusted.	337--20
1913				
88349	1/22	To CO	New safety valves, furnished by Ashton Co. Request status of N CO not yet received. 2-1 TO CO reqt. further report. 4-24 To---request further report. 6/25. CO are now satis. N 6-26	
95995	4-28	CO	Status of safety valves. N	
1914				
126180	5/24	CO	Install cut-out valve in auxiliary steam line between firerooms 1 and 2.Y Fwd NY. appd. 6/4. rb c16	
1916				
183493	3-15	CO	Reqd valve in discharge piping from auxiliary condenser to hot well.Y To---Authorized. 4/15	

DRAYTON: VALVES: GENERAL:

FILE No.	From or To (Dated)	Subject.	
✓ 30340 1/27	Bd. on Changes 1955	Inc. cost installation of 1 st safety valve on feed water heater. N. To Bath apprd 2/1	
✓ 39421 5/23	TO Bath	Directs matter of replacing safety valves be taken up with contractors; prefer type similar to that now installed on ROE & TERRY: N	
✓ 40552 6/5	Bath 801	Status of Ashton safety valves: asks that in view of fact of Bureau's decision, reservation covering be released: for PAULING, also: N To -- Reservation necessary. 6/7,	
✓ 40647 6/6	Bath 805	Submits estimates covering replacing boiler safety valves. N	
55048 12/1	Bath	Final settlement, re status of defective safety valves in connection therewith	192--2
63060 3/6	Bath	1912 & PAULING: valves, reqt print	337--20
69420 5-17 5-21	CO NY 384-830-1	Manufacture 4" valve discs. Y	
81146 10/25	Bath	& PAULING, reqt if replaced valves (safety-ASHTON) are satisfactory	337--20



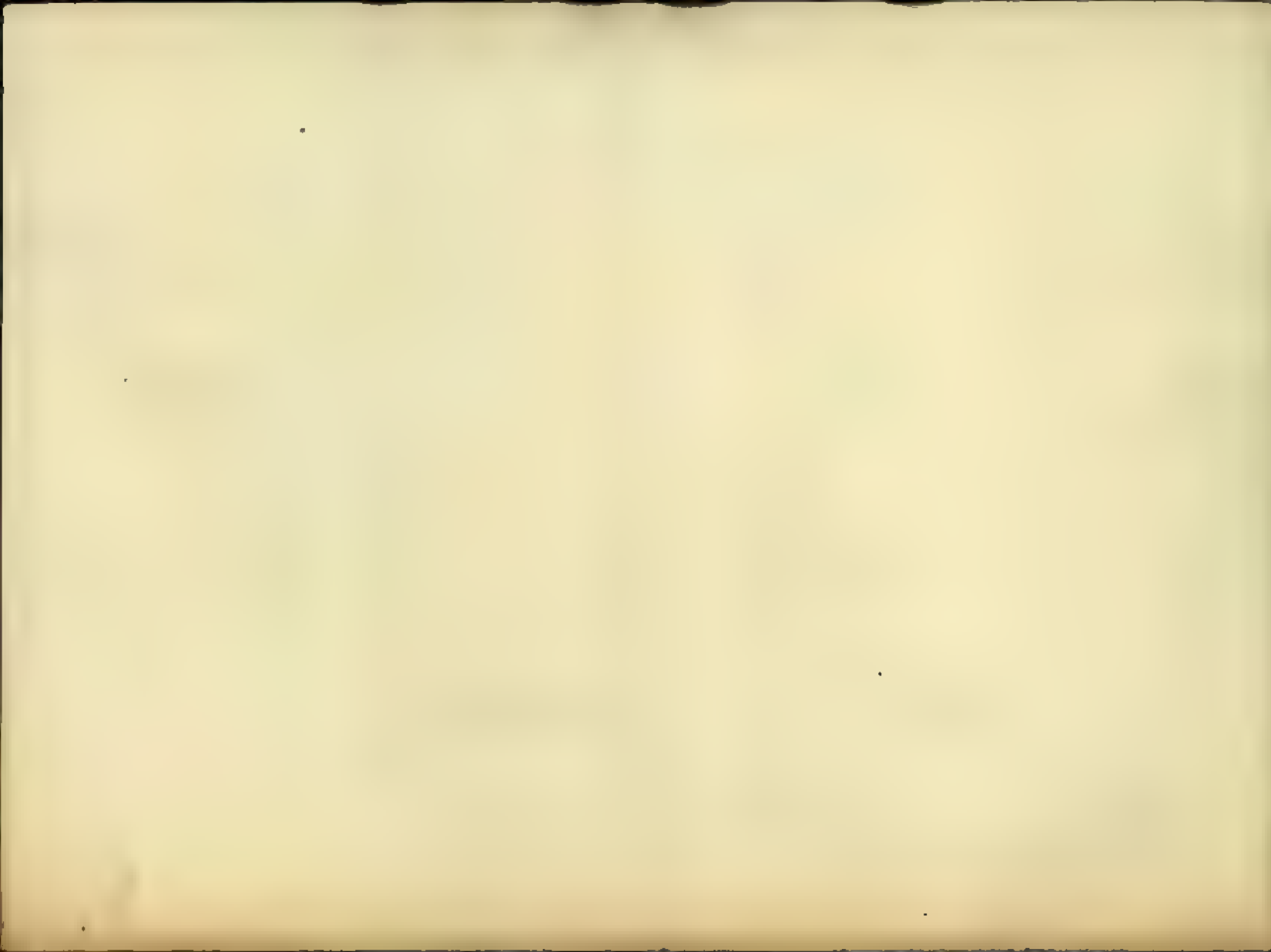
DRAYTON: ALLOWANCES.

Number.	Date.	From or To—	Subject.
261711	11-20	To CO	S.E. Allowance list. Informs that have sent blanks on 9/15. R To - When may expect reply to above. 3-23 CO - request elec allowance requested 5/17/17 be fwd - 3/18 - RA To - Informs that blank S.E. elec book ford to replace one destroyed 4-20 To C O, Rpt inform to Elec flow 6-26 To CO, Rpt reply to reference 8-19 2 B 10/14 To Boston, Fwd elec allow books, 10-28 To CO, Fwd allow books, 10-28
377883	11:19	CO	Fwd allowance list RA To CO - advises holding up reqst for two Edison batteries pending further info on of addtl allowance - 1-13 necess
416274	5-15	To CO	Fwd revised allow book. Ya

[illegible]

DRAYTON: ALLOWANCES.

FILE No.	From or To— (Dated)	Subject.
✓ 31244 2/24	To S&A, N.Y., C.O.	Change; Omit spare parts for gasoline engine for motor dory.
84833 12/13	To NY	1912 Directs add wood mallet. R HB 12 28
163261 8-5	S&A	1913 1915 Over-expenditure of money allotment. R Ref. S&A 8-14, BB 10/1 Fwd S&A-- Noted. 10/2
✓ 203294 10/25	To CO	Gives changes to be made in SE Elec allow list. LR
✓ 215558 2-14	CO	1917 Request authority to turn in misc stores. R To via Phil. gives auth. R 2/23
229591 5/17	CO	Lists spare parts under SE board D
233740 5/15	To CO	Fwds elec allow. RL



DRAYTON

PAULING, GENERAL

FILE No.	From or To— (Dated)	Subject.	
20876 2/2	C.C.	reports Klinger glasses on water gases defec- tile	658--4
		1912	
		1913	
421488 5/26	Norf	1919 Best vandykes showing air pressure gauge for PAULING, DRAYTON and PAULING +	337-24



1913

DRAYTON: RECORD OF WORK

Number.	Date.	From or To—	Subject.
104328	8-18	NY	Jan 5-- July 2. Y
✓ 117791	2-14	NY	July 2 to Jan 18
✓ 133443	9/1	NY	June 10th to Aug. 1st.Y
✓ 133548	8-1	NY	Jan 10 to Aug 1.Y
152520	4-15	NY	Aug 8 to Jan 14
✓ 157618	6-11	NY	Jan 14 to May 12
170606	11/6	NY	May 12 to June 29
183412	3-31	NY	June 29, 15 to Nov 2, 19 15
185397	4-19	NY	Nov 9, 15 to Feb 3, 16
✓ 230495	5/25	Phila	Oct 31/16 to Jan 8/17 Y
✓ 230646	5/28	Bost	5/4/17 to 5/21/17 Y

DRAYTON: RECORD OF WORK. 192 - 25

Number.	Date.	From or To--	Subject.
272668	1/5	Bost	May 4th to May 21st - Y
319069	6-20	Boston	May 21st to June 7th. Y
332521	7/1	USS BRIDGEPORT	Month of June - Y
391148	1/1	CO BRIDGEPORT	Quarter ending 12/31/18 - Y
453761	10-28	Boston	1/2 to 2/27. Y

FREDERICK
MARYLAND: TRIALS: MOVEMENTS: MTC.

Number.	Date.	From or To—	Subject.	
✓ 44731	7/26	Dept. 28301-1-76	Report B. enrgs. trials. F&Y to is. notes extracts regarding diffi- culty experienced with white metal. C/E. Ret---8/8.	
			1912	
68273	5/8	Dept	To be completed June 1st in order to begin Coal tests June 3d.	364--8
✓ 69317	5-9	CO	Report on fuel, water, oil, consumption, and steam cutter competition. F-0	
			1913	
86385	11/19	Maryland	Fwds report on reconnaissance cruise in Alaskan waters particularly in regard to River outlets to coal fields.	623--15
92516	3/12	Gen. Board	COAL Expedition, submits itinerary for investigating harbors, etc	623--15
92656	2/26	C.O.	Survey of Alaskan Waters, general recom. reqt 50' picket launch	623--15
92852	3/19	To NN	Fwds statement of monthly percentages of completion of machinery: requests certify as to correctness. N 1901 to 1905. NN fwds 3-21	

MARYLAND: TRIALS: 280-2

Number.	Date.	From or To—	Subject.	
100841	7-3	Dept	Eng. Comp. report/ f. Retd---7/24.	
102294	7/25	Dept.	Eng. Report B.	766
110469	10/30	Capt. Ellicott	Makes recommendations for ALASKAN RECONNAISSANCE.	623--15
✓ 129116	7-5	Dept	1914 Eng Comp Report. Ewds. F Retd---7/13.	
✓ 148000	2-20	Pac Fleet T	1915 Completed endurance run; no casualties. F	
✓ 149602	3-13	Dept	Full power and end run. F Retd-- Noted. 3/15	
✓ 149825	3-15	Dept	Full power and End run. F Retd-- Noted. 3/17	
✓ 150084	3-18	Dept	Report A Retd--Comments on. 3/24	
		1918		
311906	5-20	CO	Blue print copies of standardization curve of 1912. To C O, referring to reqt no standardization curve of among files, 6-11	

FREDERICK: ELEC PLANT.

Number.	Date.	From or To	Subject.
214590	2-16	CO	Reports changes required to meet turrets Boards report. L
261390	2-13	Ports R	Request 18" cable. L
237398	3/19	CC Atl Cruiser	To C&R, fws inform re circuit breakers, 8-17
378067	11:21 11:29 12:16	At Fleet Ord C&R	Turret fws report of 1916 recommendation relative to carrying out 1 Fwd. NavOper. 12-30
438838	8:2 8:6	CO Atl Battleship Squad	Request rewire gun deck lighting circuit for battery charging panel etc. L To CO- Give data. action. copy to I.M. Ports and Comdt Phila. 8-13

1912

✓²

Number.	Date.	From or To—	Subject.
76672	7/14 8/23	CO Dept.	Quarterly report on readiness for battle. Lighting on berth decks and ammunition passages not sufficient. Vice cables from fore top to 8-in. substation inefficient. L Ref. Dept. 8/27
82172	10-30	M. Is. 10059	Estimate for repairing damage wire and conduit damaged during repairs to plating. L TO -- appvd. 11-11
82354	10/29 11/11	M. Is. 10032 C&R 19336-E.550	Recommends all conduit and double bottoms be repaired, and that it be made water- tight. L To M. Is. Work authorized. 11/13. Ret C&R. 11/13.
83827	9-13 11-14 11-26	CO M. Is Dept 10598	Estimate for also work in connection with Ordinance repairs. L Ref. Dept. 12/3. RB 12-12 Fwd Ord via C&R. 12/13.
89188	12-10 1-25	CO M. Is 1086	1913 Renew circuits for w.t. doors and fire room lighting. L
89457	9-30 1-29	CO M. Is 1216	Estimate for misc. repairs and alterations; hard disapproved part of items due shortage funds. L
✓ 91683	1-3 2-25	CO M. Is VOID	Overhauling and on insulating cold storage compartments. L

MARYLAND: ELEC. PLANT. 280-3

Number.	Date.	From or To—	Subject.
✓ 92269	2-6 3-4	CO M. Is 2745	Rept. repairs to conduit and removal of grounds in leads. L Fwd C&R. Re test of water-tight compartments for water-tightness. 3/17. RB 3-27 To C&R. Bu not advised that there is any existing report. 3/22. Fwd Cramps. Asks what test is conducted to insure compartment is water-tight after conduit has been run. 3/29. RB 4-2 Fwd C&R. 4/4. RB 4-10
102036	7/22	To CO 1914	Data on Gen. Plant and Elec. Aux. Form N. No. 115 superseded by N.S.E. 31. L
119628 VOID	3-10	C&R 28360 E. 8	Voice tube; system; plans. L
119618	10-18 3-4	CO M. Is	Repairs to fire alarm system and deck wiring for switches and receptacles. L (?) to K. Is. appd. 3/11.
124162	4-24 5-5	M. Is 4393 C&R 27896 E. 41	Estimate for removal of ammunition hoists. L Fwd Dept. 5/6. 3 9 Rev C&R via Ord. 5/9 13 Ret C&R 5/13
133579	8-21	CO 1915	Removal of power leads from wing bottoms 280-8
165655	9-4	CO	Install blinker night signal ast. new type Genl alarm gongs, change location of receptacle box on Adm. skylight. L To Via M. Is. Take up with Sub-Board 9/18 RB 11/9
✓ 166122	9-3	CO	Reports examination turret leads. L

FREDERICK

280 -- 3

MARYLAND: ELECTRIC PLANT:

1 ✓

FILE No.	From or To (Dated)	Subject.
✓ 29358 1/18	TO C&R	Fwds quarterly report on elec. plant R.B.1/25
✓ 43827 7/10	C.O.	Reqd. repairs to conduit & wiring, searchlights, int. com. system, install return call bell system from look-out to fwd bridge, also re- pairs to lamps, etc. L
✓ 44033 7/12	C.O.	Reqd. alterations, elec. Conduit from search- light to switchboard, call bell system, covers for visual boxes, conduit for int. com. fire control cables on main deck. L
✓ 44037 7/12	C.O.	Reqd. repairs to call bell system, conduit for thermostat, renew voice tube call system. L
✓ 45554 7/12 7/29	M. Is 7242	Reqd. repairs to wiring, covering for visual box, range and deflection, install return call bell system from look-out to bridge. L Fwd Dept. Rec appr except item 3.8/8. R.B. 10-11 To M. Is. Appd. 8/11.
✓ 45965 7/24 8/10	M. Is C&R 19336-E.50	Elec. wiring work in connection with C&R work on turrets. L Fwd C&R. Noted. 8/11.
✓ 70706 4-3 5-24	CO M. Is 5140	1912 Repairs to int. com. circuits, Ardois signal set, elec. whistle, wireless, time firing device, etc. L To M. Is. appd. 6/10.
70762 5-18 5-25	CO M. Is 4981	Repack all kind stuffing boxes. L



Number.

Date.

From or To

Subject,

Submits estimates covering: connecting
Ford range converter to director firing

1. Page 5nd Quotes from Ordn I End 5/17 co 00
2. SEATTLE HURON- CO- Ordn Y 5/24

1918

7/✓

FROM: IN. CO. 1357

Number.	Date.	From or To—	Subject.
340574	8-5 8-22	CO Ordnance	Request signals - L 8-28 To CO 9-7 13 25 1st copy of letter of the 5th, 9-7
341009	8/10 8/19 8/24	CO Attn Ordnance CO	1. New voice tubes from Columbia tower to main power and to fire control - R. Most in place - L 2. New C&R - L C&R - gives action - 8/31 - L
340703	8-23	FM C&R	re removal of voice tubes L CO 8-7 C&R 8-23 voice tubes to former gun stations C&R - Instrns to Ports & NY - 9/4 - L
342999	8/28	Ports	Drawings and contact makers for - repairs will be ready not later than Sept 15th. To Ports, re del to makers of gongs and contact makers for repairs, 9-14 Phone NY, List gongs and contact makers for re air for 9-20 Phone CO, re same information, 9-20 Phone Boston, re material in stock, 9-23 Phone Instrns, re contents on time controlled contact maker, 9-23 Phone NY, gongs and contact makers for repair 9-23 Phone Instrns, re time controlled contact maker 9-24 Phone Ports, re contact makers for repair 9-24 Phone Instrns, re contact makers for repair 9-24 To Instrns, re Does not dec. if advisable to borrow contact maker for Sept 10-2
351838	9-25-18	To S&A	Rect shift one single stroke gong from Boston to CO. L

FREDERICK: INT COM SYS. 280 - 4

Number.	Date.	From or To—	Subject.
358143	10/11 10:30	Ports Ports	I C elec work incidental to chart and pilot house alterations - L orig. a cover work 10-16
359359	2-28 10:14	CO At. Cr	Req. rewind 28 warning whistles solenoids L
365456	10-20	Portsmouth	Ship service telephone system for remodelling L To approve service telephone, 11-8
537427	9:16 12:20	Norf CO	Returns expenditure voucher material shipped to HQ CO and was not received for stock L 19.21
550470	3:1	Pug Bd	Copy of letter to C&R asking if shall reinstal 6 inch battery. L
550981	3:11	C&R	Copy of letter to Pug Bd stating replace- ment of 6 inch battery will not be made at this time. L

FREDERICK: INT COM SYS.

Number.	Date.	From or To—	Subject.
273566		CARD 5	Navigation - Requests instructions relative to schedules be supplied. - L To Navn- Not necessary to supply any form of transmittal or control panel. 4-2
293628	3-28	Ports	Fire control work - status of - reports on. L
292706	3-28	To S&A	Reqs shipment of Utah fire control telephone from NY to L 647-10
296500	4-5	Ports	Broad side follow the pointer system - fuds plans - L
302353	5-2	to Ports- Ship's service	co. phone system- Desires investigate condition of wiring and install separate circuit etc. YL Portsmouth Nov. 5 - Fuds plan of new wiring of ships telephone system L
310511	5-29	To N N	Re changes due to regrouping of torpedo defense units on USS VIRGINIA L
310515	5-31	To N N	Authorizing installation of fire control telephone system, L-N

FREDERICK: INT COM SYS. 280 - 4

Number.	Date.	From or To	Subject.
313790	5/31 6/5	CO Atl Cruiser	Request repair with leaded and armred cable and install new equipment on call circuit from engine room to Flying Bridge - L
318885	5-14 6-18 8-7	CO Atl Cruiser	Request present clock work, general alarm bells be removed. 1 To Ports, authorizing replacement of general alarm bells installed, 6-28 CO 7-18 To CO, approving gen'l alarm system 7-30 To Portsmouth 7-30 request Van Dykes list - L
330003	7/18 7/22	CO Atl Cruiser	Request repairs to phone electrical meter - L To Ports, repairs approved, 7-29 Portsmouth Oct. 26
337769	8/7 8/15	CO Atl Cruiser	Request removal of telephone leads to for To CO's, Commanders. Removal of telephone leads to for communications authorized for all Armored Cruisers, 8-22
337795	8/5 8/14	CO Atl Cruiser	Request install fire control telephone leads and jack box to new fire control To CO, Alterations approved; 8-17

FREDERICK: INT COM SYS.

Number.	Date.	From or To—	Subject.
224452	4-23	C&R	Fire control; Salvo System. fwds plans. L
269731	12-29	To CO	Fire Control Installations. Reqts information regards same. L Fire Control changes completed in April. L 2-3 Fwd C&R 3-8
271327	1-4	To S&A	Reqd shift 25 type CN telephones from Phila to NY L to shift in above mail filed 11-1
271325	1-4	To CO (T)	Supply Officer Phila reqtd to ship you 25 type CN fire control telephones. L
271516	1-4	Phone NY	Fire Control Telephones. CO stated was short and reqtd to draw from UTAH type instead of from NEW HAMPSHIRE. Bu would see what could be done.
273566	41/27	CO	Request additional gyro compass repeater. L
281012	2-14	To C&R	Request additional gyro compass repeater. L to Navy - Lists vessels reqs stated by Ordinance/1-25 Navy - 2-16 to Navy - Inform if will furnish ship's bearing indicator for installation in conning towers of armored cruisers. 3-6 Vice tubes - Recommends work be authorized. L to Ports - Reqts make every effort to install wiring. 2-14 to - C&R 2-14

FREDERICK: INT COM SYS

Number.	Date.	From or To--	Subject.	
284124	2-23	Ports	Jyro compass overhauling. L To - Report to Nav. n. 3-1 Fwd Nav. n. 3-2 R B 3/9	
284395	2/25	Ports R	Location has been selected for turret training transmitter - L Fwd Ordnance. 3-26	
280437	2-25	Portsmouth.	Ports. R. Will letter apply also to FREDERICK. & NORTH CAROLINA.	320-4.
286431	3-4	Ordnance	Copy of instructions to Ports relative to installation of follow the pointer system. L	
286554	2/22	CO	Battery and range finders - reports on in satisfaction of location of - L Fwd Ordnance. 3-14 3-24 '18 L C&R - copy of action taken - 3/23 - L Fwd Dept via Ordnance. 4-19	
289868	3-18	To Ports	Status of fire control work. Repts furnish itemized statement. L	
257103	3-20	Ports.	reports action on the FREDERICK	847-1.

FREDERICK
MARYLAND: INT COM SYS.

1810

Number.	Date.	From or To	Subject.
188768	5-29	CO	Install Cory type genl alarm gongs, new I-C switchboard, motor generator and storage battery for I-C system. To—Comments on. 5/28
189304	5-27	CO	Location of mechanical telegraphs.L Fwd Pug Sd 6-1 BB 6/28 To Pug Sd—Appvs estimate. 6/29
190255	6-8	To Pug Sd.	& SOUTH DAKOTA; director firing system; appvs plans of with modi. L Pug Sd copy copy of letter 6-17
190447	6-2	CO	Location of mechanical telegraphs.L
	6-9	C&R	
191133	6/9	M Is	Location of torpedo defence station; fwds print and sheets of voice tube data.L
192407	6-27	Pug Sd	Director firing system; plans and estimate.L Fwd Ord via C&R— For comment. 7/6 To—Appvs est and plan as modified. 7/6 To Cory & Son—Reqd estimates for certain items. 7/7 Cory & Sons quotes prices 7-8 Pug Sd & SOUTH DAKOTA; submits estimates 8/4 To Pug Sd—Discrepany in estimates. 8/15 Pug Sd & director firing system; approval did not cover cost inst. 8/21 To Pug Sd— Appvs estimate. 9/21

MARYLAND: INT COM SYS. 280-4

Number.	Date.	From or To—	Subject.	
205303	11-4	CO	Renew certain I-C cable.L	
205981	11-15	Pug Sd	Fire control; regrouping of salvo and fire control telephones by calibers:Est.L To--Appvs est. 11/28 Fwd C&R--Have appvd est. 11/28 RB 12-6	
✓ 213551	2/5	Dept	53174 & SOUTH DAKOTA; Have instructed Pug Sd not to work on fire control alterations.L	
213525	2/6	To Pug Sd	Survey 6-17 of Jan 6th. Item 16 surveying 10 type CS fire control telephones disappvd. Ask if repairs can be made at Pug Sd. If Pug Sd submits estimate for repairs 3/30	
213790	2-7	Dept	Reports on fire control material.	280-6
219443	3-13 3-23	Pug Sd C&R	Fire control voice tubes; plan. 1 Fwd C&R--Noted. 4/2	
222270	4-7	Pug Sd	Fire control plans; fwds.L	
222882	1/21	To Hqs	Int Com D. motor is capable of 3000 rpm minimum 2000 rpm. Submit report. L RB 5-28 To S&A--Reqt shipt of generator from NY to Pug Sd. 6/1 To CO--Instrns re install. 6/2	
		F and - (F) states motor generator recd by express - asks if return shipment desired by express 1/23 To S&A--Reqt shipt of motor generator from Pug Sd to Nurf for 6/25		

Number.	Date.	From or To—	Subject.
88360	1-7 1-11	CO M.Ia	Rect. new telephone outfit; work held up due to shortage funds; submits new estimate. L To M.Ia. Comdt authorized to install. If can be done without inc in allotm erts. 1/24.
89028	12/27 1/14	CO M.Ia.	Alterations: engine room telegraphs, central station telegraphs; disapproved by Comdt. L Fwd Dept via C&R. Rec disappr items 2 and 2. 2/4. To M.Ia. disappd. 2/12.
96357	5/2	Ord. 26228-41	Range and deflection indicators and transmitters; fws prints. L Fwd Dept via C&R. rec appr. 5/6. RB 5-12 To M.Ia. appd. 5/13. Fwd Ord. 5/13.
96393	4/25	M.Ia. 3938-13	Estimate for covering installation of 67 new telephones. L
103995	8-9 8-14	CO M.Ia	Rect. elec. telegraph between engine room and b bridges, pilot house, and conning tower, etc. L Fwd Dept. is recom 8/26 RB 8-20 To - disapproved 10-1
120617	3-12 3-16	CO M.Ia 2749	Install elevating indicators on 3" gun mounts. L Fwd Ord. 3/24.
121735	4-6	C&R	Fws print showing alterations to voice tubes. L Ret---rec items 1 and 2 be disappr. 4/10 RB 4-13 Fwd C&R. 4/15.

MARYLAND: INT.COM.SYS. 280-4

Number.	Date.	From or To—	Subject.	
129736	7-2	M. Is 5955	Gyro compass; fwds print and estimate. L Fwd Nav via C&R for comment. 7/14 Fwd C&R 7/21 8 11 To—appd. 8/12.	7 20
134219	9-9	GO	Recd latest type fire control telephones. L To—None at present. 9/21	
138382	10-23	M. Is	Alterations to Gyro compass installation. L Fwd Nav—Noted. 11/2	
140018	11/11	GO	Renew wiring all I-C circuits from central station. aft	280-8
			145217 1-5	
145217	1-5	M. Is 90	Gyro compass outfit; estimate for installing. L	
148813	2-9	GO	Reports receipt of 10 type CN fire control telephones; allowance list calls for none; recd balance be expedited before target practice. L To—Comments on. 3/8 To M. Is—Additions to allowance. 3/8	
159809	5-25	GO C&R	Recd voice tube from bridge and a central station and std eng room. L Fwd C&R—Rec appvl item 1. 7/13	
187226	5-2	M. Is	SOUTH DAKOTA; work in connection with director firing system; submits; transferred to Pug SdL To—Fwds plan to Pug Sd. 5/11	

Number.	Date.	From or To--	Subject.	
46154	7/31	C.O.	Ships telephone system: present installation old American Bell unsatisfactory. Wires in good shape; reqt. new telephones and suomits location, etc.L	
47164	8/10	M.Is.	& CALIFORNIA: has ordered mfg of mechanical dials for sub-central & sub-stations	147--4
48537	9/5	M.Is	& CALIFORNIA: reports number, type & location of telephones	147--4
47188	9/26	TO Pug.Sd	Quoted Dept. endorsement a prov. instal. 57 new telephones. 9/25	477-4
55844	11/14 12/7	C.O. Dept.	Behavior of fire control, etc., during battle practice.L Ret Dept via C&R-12/12.	
			1912	
59913	1/23	M.Is.	& CALIFORNIA: sub-its estimate for installing new ships service telephone system	147--4
60357	1/26	M.Is.	SENERATORS: rel instructions re securing panel for those converted	661--2
62079	2-21	Holtzer Cabot Co	& WEST VIRGINIA: telephone sys: spare part list. L	

Maryland 280--4

Number.	Date.	From or To—	Subject.	
67476	3/27	C.O.	Reqt alterations relief valves main feed pump, install 4" voice tube from engine room to bridge. etc	280--8
69638	5/17	M. Is.	& CALIFORNIA, re-arrangement sub-central and substations, re mfr of dials.	147--4
70708	5/24	M. Is.	Repairs to int. com. circuits, elec. whistle, time firing device, etc.	280--3
✓ 71230	4-13 6-4 8-14	CO M. Is. C&R	5368 27896-E.6 Reqt. 4" tube from engine room to bridge; C&R suggests trial of nose-mouth piece before making alterations. 8/15.	
74536	7/14 7/20 8/24	CO M. Is. Pug. Sd.	7051 Renew electric cable for helm angle indicators, etc. To Pug. Sd. reqt sample of cable. 7/31 To Pug. Sd. reqt reply. 8/20. Reports sending letter to M. Is., that being home yard. Will forward sample of wire on arrival of vessel at yard. 8-30	
78717	9-24	TO Dept	Omit telephones due to condition of appro.	804
87678	11-28 12-31	CO M. Is.	12100 Change location of range and deflection transmitters in after turret. To M. Is. Disappd. 1/18.	

FILE No.	From or To— (Dated)	Subject.	
36883 4/22	Dept	& CALIFORNIA: battle practice: reports on operation of fire control apparatus	147--4
39896 5/17	M.Is.	FIRE CONTROL: fwds prints, and states changes necessary to comply with latest systems.	647
✓ 44266 7/22	M.Is	Reqt. telegraphic authority to alter visuals for fire control. L (1) to "Is. Authorized. 7/24. Fwd Crd. 7/24.	
✓ 44341 7/17	M.Is.	Fire Control: change in fire control system: impossible to complete unless central station is completed on all three vessels in 30 days. To---A th. granted to defer work. 8/3.	
✓ 44763 7/28	M.Is	Reqt. authority to proceed with repairs to voice tube call system, fire and engine rooms. L (1) to M.Is. Authorized. 7/29.	
✓ 44956 7/22	C.O.	Repairs to sight gear in turrets. L Fwd Crd. 8/1,	
✓ 45036 7/17 7/25	C.O. M.Is. 6937	Work on visual fire control. L	
✓ 44995 7/30	C.O.	Reqt. steering engine telegraph, etc. L	
✓ 45870 7/12 7/1	C.O. M.Is. 7327	Repairs to system. L.	



1922

←3981

[illegible]

FREDERICK: RADIO

Number.	Date.	From or To--	Subject.
359357	9-28 13:14	JO At Cruiser	Req. resilver 36" searchlight mirror L
360328	10-23	To CO	Authorizes arc signalling searchlights L
365455	10-9	CO	Install fighting lights L To determine command on re above, lead Ports. Dec. 7 - fwd's plan Ports. Dec. 7 - Copy of letter to CO L
374117	11-27 12-2	CO Atl. Cruiser	Request install 24 additional standing lights on top deck, main deck and gun deck L To Norf, authorized to perform work on, 12-4
399020	2:10 3-28	CO CO	Asks how many signalling searchlights are to be installed To- Repts to turn in searchlight in excess of allowance and also give report on efficiency of the 12" incandescent searchlight. 3-7 copy to CR & TR Force.
To CO- Satisfy to turn into store excess incandescent searchlights. 4-15			

280-5: FREDERICK: RADIO:

Number.	Date.	From or To--	Subject.
509221	7:29	CO copy	Request spare armature for generator be furnished. L To Gen Elec Co (1) Urgently re spare armature Adv earliest delivery price by tel 8-4 Ins. r. GE submits quotation-8,10-W To FREDERICK (T) 8-13
550557	2:22	CO	Request to instal signal shutter on 30 inch searchlight. L To CO instln appvd cc C-I-C Pac Fleet 3/15
552556	3:7	CO	Request instal battery charging panel. L&W To CO Disappvd cc C-I-C Pac Fleet-ug Snd 3/26
553615	3:12	Dept	6 inch batteries of vessels of armoured cruiser class will be reinstalled in accord- ance with recommendation of Gen Ed. L
	3:25	Ord	Fwd G&R 3/31
553985	3:7	CO	Request ~~max~~ sound proof booth be installed in radio room. W
NSA 385	5-11	To Puget Sd	Cable- asks status R copy CO
569766	6/16	To S&A	7847 L Request shipmt of battery from Phila to SO
626170	7/19	Norf.	Illumination set turned in by FREDERICK cannot be located. L 166-5

FREDERICK: LIGHT & POWER.

1917

Number.	Date.	From or To--	Subject.	
217801	3-1	CO	Estimate for installing man overboard lights.L	
	3-7	Pug Sd	To Pug Sd--Appvs est. 3/21	
✓ 228062	5/0	Pug 5nd	Estimate for installing blinker signals L	
✓ 229371	5/8	CO	Request signalling search light L	
233000	6-9	S&A	Bulbs for 12 1/2" searchlights; fws copy of telegram from M Is. requesting disposition	675
233000	6-9	S&A	Bulbs for 12-1/2" searchlights; fws copy of telegram from M Is requesting disposition.	675
269619	12/1	CO	Request authority to turn in illuminating set L To- Auth granted to turn into store portable part of illuminating outfit for duration of war.1-4	
✓ 285997	2-22 3-1	CO Ports	Convert 2 Nemo logs to electric. L To- Reqt disappvd. 3-15 & Port.	

MARYLAND: LIGHT & POWER SYSTEMS. 280-5

Number.	Date.	From or To—		Subject.
✓ 49908	10/2	GE		& WEST VIRGINIA: searchlight ready for shipment to-night; arrive by freight Oct. 23; By express will cost \$600. more; reqt. instructions. L. Ref. LAA ship all but cables by freight 10/2
✓ 50976	10/12	GE	55-12	& WEST VIRGINIA: Quotes price on 4 32" elec. control projectors delivered; lamps already shipped being diverted from ARKANSAS. L
✓ 50975	10/12	GE	55-11	& WEST VIRGINIA: Armoured cables and couplings: will be sent by express 12th inst; searchlight shipped fast freight on 2nd. L
✓ 52087	10/27	GE	55-13	& WEST VIRGINIA: order covering searchlights diverted from ARKANSAS not yet received. L. &
52965	10/26 11/1	C.O. M.I.s	10785	Repairs to portable blowers. D
53151	10/3	M.I.s.		CALIFORNIA: SOUTH DAKOTA: re shifting location of ventilating blowers from vicinity of battle compass; necessary wiring changes. 147--5
61933	2-13 2-23	M.I.s C&R	810 19336-E.545	1912 Estimate for power wiring, etc. for deck winches. L Ret C&R. 2/27.

Number.	Date.	From or To—	Subject.	
90740	1-29 2-13	CO M. Is 1451	Searchlight motor rheostats and rewind armatures. L	
91594	2/10	C.O.	Repair gage on gen. sets, etc	280--8
91782	2-8 2-27	CO M. Is 1945	Rewire magazine light. L.	
92104	3-8	Ord 26322	Storage battery charging panel: fws Ord. Reqn. for. L. To CO. Asks as to necessity for material. 3/12 CO gives detail. 3-22 To CO. Reqn. 11 dis- appd. 4/15. Fwd S&A- disappd 4/16	
92245	3-11	Ord 26332-10	Battery charging panel: fws telegraphic reqt. for. L	
✓ 92378	3-5	M. Is 2751	Test ammeters. L. To---appd. 3/14.	
93710	3-15 3-19	CO M. Is 3281	Repair armature gen set. L.	
96362	4/18	Mare Is. 4415	illuminating set: recommends that set be repaired in lieu of manufacturing new. L To---repair appd. 5/14.	
132144	7-27	CO 1914	Fans - reqs. inc. in allowance	280-21

315

MARYLAND: LIGHT & POWER. 280-5

Number.	Date.	From or To—	Subject.
153852	3-30	CO	Repair also candlesticks. L
	4-21	M. Is 3934	To M. Is-- Appva repairs to. 1/4
159309	6-22	CO	Change location of hooded receptacle, and install blinker set. L
			Fwd M. Is-- For estimate. 7/3 RB 7/29
			To M. Is-- Appva. 7/30
184210	4-4	CO	Re-test storage battery charging panel. L
			To--Get list of storage batteries now installed on vessel. 4/11
			CO gives list of batteries 4-18
			To--Not warranted. 4/26
198120	8-26	Dept	Reports insufficient lighting in holds for coaling. L
			Repd--Steps have been taken to provide illumination for. 9/8
198904	9-6	Pug Sd	Manufacture and install mechanical control searchlight. L
			Fwd Dept--Bu will auth work under its cognizance. 9/28 RB 10/10
			To--Est appvd. 10/24
207734	12-2	Pug Sd	Estimate for repairs high signal set. L
			To--Disappv repairs. 12/12
Pug Sd 299	2/27	To Pug Sd T	Directs ship motor generator in store at M. Is. to Pug Sd for, if time permits. L

FREDERICK
MARYLAND: LIGHT & POWER.

Number.	Date.	From or To--	Subject.	
69866	5-15	CO	Install night signal apparatus.L	
	5-24	M. Is 4998		
70007	5-17	CO	Repair bearings gen. Set. L	
	5-23	M. Is 4986		
70274	5-23	CO	Re-nickle electroliers, officers quarters.L	
	5-25	M. Is 5063		
70891	3/26	C.O.	Reqt repairs to gen. sets, etc	280-8
72044	6/6 6/22 6/25	M. Is. C&R Dept.	Alterations; especially increased lighting in magazine and shell room.	280-8
72044	8/24	To M. Is?	Additional lighting will be installed on two bulkhead of each magazine compartment A-34-M and A-35-K.	280-8
79817	10-9	Dept	Reqt. for repairs to searchlight doors, and engine room lighting.L Fwd C&R 10/10	
80912	10-10 10-19	CO M. Is 9748	Repair power wiring to turrets.L	
81419	10-22	M. Is 9833	New rheostats for gen. set.L	

1913

MARYLAND: LIGHT & POWER. 280---5

Number.	Date.	From or To—	Subject.	
87285	12/5 1/2	CO M. Is.	Change location of night signal set. L. To M. Is. appd. 1/14.	
No #	1/16	To M. Is.	Blowers: 1/4 HP portable; overhauling of eight authorized. L. <i>SE 2 - Estimates</i>	
88172	1-24	M. Is. 1031	Renew deck winch wiring leads. L. (T) to --- appd. 2/3.	
89178	11-27 1-24	CO M. Is. 1051	Renew searchlight lamps, wiring for lights. To M. Is. appd. 2/3.	
89337	1-27	M. Is. 1133	Portable blowers; revised estimate. L. To --- appd. 2/5.	
89360	1-17 1-28	CO M. Is. 999	Install feed rheostats for dynamos. Y	
89361	11/21	C.O.	Install feed rheostat for dynamos, etc	280--8
89454	1-28	M. Is. 1191	Ammunition hoist panel; rewind. L	
90415	1/8	C.O.	GEN. sets, submits estimates, etc	280--8

Number.	Date.	From or To—	Subject.	
✓ 44959	7/22	C.O. Repairs to	searchlights and telephoto sets. I	
45303	7/28	I.O.	Reqt auth. to turn in spare parts for generating sets	280-21
✓ 45437	8/5	C.O.	Repairs to searchlights. I	
47069	8/10 8/16	C.O. M.I.s 7838	Searchlights: repairs to.L.	
48246	8/25 8/31	C.O. M.I.s	Reqt. repairs to elec. testing sets.L	
✓ 49709	9/28	M.I.s	Searchlights: reqt. shipment be expedited; desirable before Oct. 20. L.	
49861	9/30	CE T	4 projectors assigned ARKANSAS available for shipment to; armoured cables can follow by express in 2 weeks. L. Ref. JSA confirms req. for shipment 10/2	
✓ 49877	9/20 9/23	C.O. M.I.s 9286	Elec. night signalling apparatus: reqt. repairs to.L.	
✓ 49887	9/18 9/21	C.O. M.I.s 9234	Repairs to eccentric straps dynamo engine. L	

MARYLAND: LIGHT & POWER SYSTEMS. 280-5

Number.	Date.	From or To--	Subject.
✓ 49908	10/2	GE	& WEST VIRGINIA: searchlight ready for shipment to-night; arrive by freight Oct. 23; By express will cost \$600. more; reqt. instructions. L. Ref. SSA ship all but cables by freight 10/2
✓ 50976	10/12	GE 55-12	& WEST VIRGINIA: Quotes price on 4 32" elec. control projectors delivered; lamps already shipped being diverted from ARKANSAS. L.
✓ 50975	10/12	GE 55-11	& WEST VIRGINIA: Armoured cables and couplings: will be sent by express 12th inst; searchlight shipped fast freight on 2nd. L
✓ 52087	10/27	GE 55-13	& WEST VIRGINIA: order covering searchlights diverted from ARKANSAS not yet received. L.
52966	10/26 11/1	G.O. M. Is 10785	Repairs to portable blowers. L
53151	10/3	M. Is.	CALIFORNIA: SOUTH DAKOTA: re shifting location of ventilating blowers from vicinity of battle compass; necessary wiring changes. 147--5
61933	2-13 2-23	M. Is C&R 810 19336-E. 545	1912 Estimate for power wiring, etc. for deck winches. L Ret C&R. 2/27.

280 -- 5 FREDERICK
MARYLAND: LIGHT & POWER SYSTEMS.

FILE No.	From or To— (Dated)	Subject.	
29193 1/4	M.Is.	Location of searchlights: reports on Rep C.O. Each light to have its own arc 1/20. Ret C&R Duplicate copy ret 1/25. R.B. 2/2	
✓ 30084 1/17	C.O.	Reqt. replacement of 30" searchlight mirrors broken during battle practice. To -- Reqs to be submitted in usual manner 1/28.	
31847 2/17	To M.Is.	ILLUMINATING SETS: submits estimated cost for installing in accordance with latest specs	733
33900 3/18	M.Is.	ILLUMINATING SETS: prints showing modifications	753
42559 6/21	M.Is.	CALIFORNIA: SOUTH DAKOTA: searchlight panels; rel secondary turrets.	147—5
43857 7/6	M.Is.	ILLUMINATING SETS: submits estimates for installing	733
✓ 44085 7/14	C.O.	Reqt. repairs to dynamo engines, L.	
44452 7/8	M.Is. VOID	SEARCHLIGHTS: reqt auth. to install 36" on sched. 2584 on:	VOID 700
44898 7/14 7/22	C.O. M.Is. 6991 VOID	Estimate for extending umbrellas to stacks. VOID	Y
✓ 44898 7/14 7/22	C.O. M.Is. 4991	Repairs to dynamo engine. L	



FREDERICK: RADIC:

1921

Number.	Date.	From or To—	Subject.
✓ 562799	4:15 5:3	CO Pac Flt	Request radio compass be furnished. W To Pug and Appvd cc ac-C-1-C-- CO 5/13 Vt S&A Reqst shipt of radio compass from Phila to SO Pug and 7468 5/20 RB 11/23 W S&A material will be shipt to Puget Sd on 7/15-- W 7/8 Disposition of compass equipt. 12/22 7 To Pug and Gives disposition of 12/31 R. G. 1/21
✓ 65283	1/18	1922 KI (2)	Request auth to remove compass house and receiver from vessel and ship to Puget Sd. for stock. To KI (1) Appvd 1/23

[illegible]

FREDERICK: RADIO

Number.	Date.	From or To--	Subject.
423108	5:22 5:4	CO At Cruiser	Submits information re battery used with audion control boxes and amplifier
423107	5:19 5:3	CO At Cruiser	Req. short wave receiving set for be replaced with 1 of latest type W To- short wave receiver recd ship and gives directions to turn into store at nearest type IP-74 receiver. copy to S.O. Wash. 6-12 to S.O. Wash. short wave receiver from Wash to CO. W. 6-12 RB-20:1 CO-9:24 -1920-
491017	4:30	Phila	Confirms telephone conversation in connection with receiving apparatus for MICAN receiver for MINESOTA-shipment of hydrophone material from german submarines 149 and 117 and lexers for batteries on destroyers.W
493520	5/10	CO	Reqst 5 KW quenched spark gap be furnished -W Fwd CO 5-15.
497751	5/1 5/3	CO Phila	Reqst one quenched spark gap be furnished - W to Phila. Authorizes instn of Lowenstein gap CC CO 5-8.

1919

Number.	Date.	From or To	Subject.	
509221	8/4	To Gen Elec Co	Urgently require more armature adv del price of tel m	and 280-5
551045	8:11	Pac Flt	Recommend aux radio set be installed during present overhaul.W Fwd Dept via C&R cc C-I-C Pac Fleet 3/15 To C-I-C ac Fleet Disappvd cc CO 4/6	RE-4:1
552555	3:7 3:15	CO Pac Flt	Request install motor buzzer.W To Pug Snd Instln of buzzer transm appvd cc CO 3/24 Pug Sd submits estimates-5:7-W	
552557	3:7 3:15	CO Pac Flt	Request instal non-synchronous rotary gap.W To CO Disappvd cc C-I-C Pac Fleet 3/24	
553985	4/6	Fwd C&R	Radio alterations on- Co C-I-C Pac Fleet CO W C&R-208W action to CO-4:25-W To C&R Give status of shipmt 4/29	
537855	4:11	Pac Trn	Recommend all radio apparatus in question be retained on board FREDERICK.W	215-6
557529	4/19	To S&A	Request shipmt of booth from Chasen to Pug Snd 7253 W RE 8/29	
560800	4/30	To CO	Transfer of radio material; Request Inform W CO-3:10-W	
561970	4:30	Pug Sd	Fwds calibration data.W	

FREDERICK: RADIO.

Number.	Date.	From or To—	Subject.
✓ 271141	12/28	CO	Request authority to turn in excess radio material. L To- Auth to turn into store/ 1-8 C - Jan 11 CO - 1-3 W
✓ 281371	2-14	To SEA	Reqt ship audibility meter from MAYLAND to Chatham Mass. 2-14 W To- Reqs cancel above ship reat. 2-19 To- Reqs ship one audibility meter serial no. 132 from CO to Mass. 2-19
✓ 284792	2/20	P Snd	Radio installation - fwds plans - W
275741	3-4	To SEA	Reqt ship one audion control box from Wash to CO. W B 6/28
286823	3/6	OO R	Request ultra audion. W To (U)-Audion will be shipped from Wash yd March 8th. 3-7
✓ 351230	9-1	CO	Atl. Cruiser 9-24 Submits report of operations of radio installation on W Atl Cruiser and Transport - 1000 9-26

FREDERICK; RAD10

Number.	Date.	From or To—	Subject.
> 353004	9-23	CO	Requests radio material To CO, reqst not approved, 10-3 W
356828	10:4	CO	Stating should be removed Y
360632	10:21	CO	Tel. req. auth. to turn in radio transformer which cannot be used and secure another one from some other yard other than Norfolk.
1919			
392747	2/6	CO	Request radio compass be installed - W
900-3915	4/9	To Wireless Spec. Co.	Your letter 5th. Duplicate of those sup- 706 plied cont. at L-3- re transformers FREDERICK W/
416961	4-26	CO	Reqst for 10 KW quench spark gap- W

FREDERICK: RADIO.

Number.	Date.	From or To—	Subject.
213389		CARD 2	Pug Sd will install SARATOGA's set and radio compass assigned SOUTH DAKOTA, to be replaced by manufacture at yard or shipment from Phila; fvdspian 2/8 To Pug Sd--(T) Radio sets should arrive by 10th. Recd rec re reassignment of 2/13 To Phila--Fwd 3 enclosures. 2/14 To Pug Sd--Fwd 2 enclosures. 2/14 To Sd--Recd ship to be completed. 2/14 To Pug Sd--(1) H. trns. 2/15 Pug Sd (copy) SOUTH DAKOTA; recommends vessel be held ~~22~~ until new 20kw set is delivered about 10th 2/17 To Pug Sd (T) radio compass assigned SO DAK, with install FREDERICK; additional compass for SO DAK. disappd 2/20 Fwd Vanuykes radio set.W Duplicate through C&R; asks if plans satis. 3/2 Fwd C&R--Dwelling satis. 7/3 RB 3-8 & SO DAK; installation 20 kw sets; necessary armor cable above weather deck; request Bureau secure wire.W. Fwd Sd--2/19 RB 2-24
214816	2-8	Pug Sd	
215116	2-17	P Ug Sd T	
215477	2-9	CO	Alterations radio room.W To Pug Sd--disapp roves certain plans and makes suggestions for improving location of set. 2-28 To--Disapp sleep quarters for operator in radio rooms. 3/2
216935	3-6	Pug Sd H	& SO DAK; recommends installation of 4 conductor cable in lieu of 6 in radio room to conning tower.W. Fwd Dept--With rec. 3/12 RB 3-19 To--(T) install a pvd. 3/20

FREDERICK: RADIO. 280 -- 6

Number.	Date.	From or To—	Subject.
✓ 218347	3/16	Pug Sd R	& SOUTH DAKOTA & SARATOGA; asks if Bureau can supply 3 long wave Navy standard receiving sets for; gives dates of completion. W To—Gives Bu action on. 3/24 To SGA—Reqt ship long range receiving set from Wash to. 3/24
219589	3-20	CO	Request means for receiving and sending messages from conning tower be installed. W.
✓ 220913	3-20	CO	Request new Navy type Mark V or VI wave changer; Mark II on board unreliable. W To M. Is.—Reqt ests. 4/7 To SGA—Reqt ship of wave changer to M. Is. for. 4/9
221000	4-5	M. Is. R HUNTINGTON	Request authority to install FREDERICK set to prevent delay. 477-G
✓ 222762	4/10	Pug Sd	Calibration of 20 kw arc set and radio compass; Rds. W
✓ 223254	4/10	Pacific Fleet Fdk	Radio: operations good condition. W
224626	4/19	Pug Sd	Request key in conning tower for auxiliary battle station. W To—Apvs est. 4/28
✓ 236131	6/29	Pug Sd T	Radio motor generator on hand; asks if shall be shipped East Coast by MARS. W To SGA—Reqt ship of generator from Puget to 7/2 To CO—Gives action. 7/2 To CO—Reqt reply. 8/21

FREDERICK
MARYLAND: RADIO

1914

Number.	Date.	From or To—	Subject.
✓ 135501	9-22	CO	Instll insulators on aerial yards; also rat tail insulator. W Fwd M. Is-- For recomm. 9/30 rb M. Is (T) recommends approval 10-22 To M. Is-- (T) Appvs. 10/22
135502	9-22	CO	Radio aerials; remove & wires. W To-- Authorized. 10/1
142578	12-10 12-12	CO M. Is 13345	Estimate for manufacturing radio condensers. W To M. Is-- Appvs. 12/23 To CO-- Fwds copy above letter. 12/23
143768	1-5	To CO Via M. Is.	Receives and wavemeter; reqt information if certain apparatus is on board. W Fwd CO Via M. Is-- Re further. 3/9RB 4/21
168826	10/21	To CO via S&A	Reqd shipment of wavemeter to M Is. W M&S CO reports turning in K&C wave meter to M. Is 11-15
177400	1-27	To CO.	1916 Wavemeter and tikker detector; asks dis- position of. W CO reports on disposition 2-5
179322	2-9	M. Is	Arc radio set; submits estimate for instal ling. W Fwd C&R--SE work authorized. 3/3 To--work authorized. 4/3 To--(T) estimates ar wd; desires com- pletion present overhaul period. 4/18 To--Transfer to Pug Sd. 5/16/16
184443	4-16 4-10	M. Is C&R	& SOUTH DAKOTA; PITTSBURG; arc radio sets; submits plan and estimate for enlarging radio rooms. W To--Re instillation on S. DAKOTA. 5/12

280 — 6 MARYLAND: RADIO:

Number.	Date.	From or To—	Subject.	
✓ 187655	5-12	To M.Is.	& PITTSBURGH: 20 K.W. arc radio set under contract 346 are assigned to. W To S&A--Req shipment above sets from M.Is to Pug Sd. 5/12	
✓ 191935	6-24 6-27	Pug Sd C&R	Radio room: ventilation inadequate. W Fwd C&R-- 6/30	
202445	10/10	Pac Flt	Request installation of 20 kw arc set	342-6
208118	12-4	Pac Flt.	Reports on insectpion of radio. W	408-6
✓ 209203	12/20	To Pug Sd	Req est and rec for putting waver changer on board in efficient working order. W Pug Sd wave changer of obsolete type. request authority to install new 1/18	
✓ 213389	2/4 Pug Sd (T)	Pug Sd T	10 & SOUTH DAKOTA: request Bureau take steps to secure 20 kw arc sets. W Pug Sd proposed assignment of sets 2/5 To--(T) Cannot furnish as reqtd. Definite dates furnished Feb 9th. 2/8 & SO DAKOTA: request radio sets be expedited: also reports on fire control material. W Pug Sd rvs correct reging message sent Feb 5 2/8 Fwd S. L. 2/17 RB 3-8 Fwd Dept--3/29 RB 4-2	CARD 3
213790	2-5 2-7	Pug Sd Dept	T Copy	

Number.	Date.	From or To—	Subject.	
43279	8/4	Dept	Auth. purchase of Lee DeForest 2 kw quenched spark set for:	876
54754	11/18	C.O.	Report on wireless test.W	
			1912	
70705	4/3	C.O.	Repairs wireless . etc.	280--3
No #	11/12	To M.Is.	Recn.385 for Telefunken receiving set; Request to be informed necessity for.W	
83297	11-22	Pac.Flt T	Re.t. Telefunken receiving set to replace set condemned. To CO via Pac.Flt and Pug.Sd. Wireless Spe.App.Co's material to be shipped from NY yard.11/23.	
87557	12-18	CO	Description. W	
90414	2/8	M.Is. 1642	Cancel Job Order for rewinding radio motor generator W To-- apps 2/17	
91220	2/27	To Ship,S&A & Fleet	Shipment of radio receiving set from	326--6

1914

MARYLAND: RADIO 280-6

Number.	Date.	From or To—	Subject.
116100	1-27	To NY R	5-kw set; asks when will be ready to ship. W NY 1-27 (R) ready for shipment; reqt shipping instructions 1-27 To Dept. Fwd C&R request shipment NY to M. Is. 1/28. (R) to NY. 2d set assigned IDAHO 1/28 - To M. Is. gives status of shipment; instructions 2/2 M. Is. reqt action 4-1 (T) (T) to M. Is. sat. appd BUFFALO 4/2 Set will be shipped Feb. 23. 237---6
116255	1/29	NY	
118889	3-2	CO	Reqd that radio room be changed before installing new 5 kw set. W Fwd C&R request early action be taken 3/3
119403	3-3	CO	Radio office; recommends be removed to present Navigators office. W Fwd C&R 3/9.
120276	3-13	M. Is 2754	Calls attention to discrepancy between specns and set received. W Fwd set was purchased on contract 173 under old specns 16-T-5. 3/19 WR 3 at To---set purchased under specns 16-T-5. 3/31
120600	3-14 3-23	M. Is 2786 C&R	Relative to change in location radio set. W Fwd Dept req radio room remain in pres- ent location. 3/23. RE 3/23 To M. Is. appd. 3/27. Ret C&R 3/27.
131555	7-20	CO	Spark gaps; Boston transmitter type; furnished by Wireless Spec Co. Reports heating. W Fwd NY submit reqn. 8/5 + 8/14 To---reqn submitted for 10 gap units. 8/14

FREDERICK: SIGNALS: UNDERWATER

2

Number.	Date.	From To--	Subject.
306675	5-13	Washington	Fwds invoice of Submarine Sig Co covering services of inspection of apparatus on 1 To Submarine Signal Co, re inspection of submarine signal apparatus, and stating contract inspection can not be paid for when they occur within 6 months of each other 5-18 Dup Sig Co - 5-24 Fwd S&A 5-31 received back 6:14 Fwd Wash, 6-18
399978	3/5	O&R	CHATTANOOGA & FREDERICK confirms tel conversation re to installation of listening device 1.

[illegible]

#230--7
FREDERICK
MARYLAND

SIGNALS, underwater

FILE No.	From or To— (Dated)	Subject	
28090 12-17	M.Is.	SIGNALS, sub. re installation;	711--3
✓ 52170 10/24	M.Is 10424	Estimate for installing. L	
53229 11/8	Sub Sig. Co	SIGNALS: fwds bill for balance due on cont #3	711--3
		1912	
72595 6/25	Maryland	Reports on operation	711--3
		1917 1912	
220793 3-31	Sub Sig Co	Inspection report and bill. L Fwd CO 4/7 RE 4-27 to Wash--Rec payment. 4/28	
		1918	
270412 12-28	Sub Sig Co	Fwds copy inspection reports on apparatus on the NEBRASKA RHODE ISLAND VIRGINIA and FREDERICK. L	711-3
		1 9 1 8	
302567 4/25	CO	Repairs to submarines signal set - L	
306204 5/10	Sub Signal Co	Fwds copy of inspection report on FREDERICK & CONNECTICUT - L	



Number.	Date.	From or To -	Subject.
625101	5/18	M.I.	Submits revision of estimates due to change in indirect charges incident to report of material inspection Y
625104	3/31 6/21	Pac. Fleet M.I.	Submits report on inspection Y

1921

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Number.	Date.	From or To—	Subject.
597234	11/23	Dept	Copy of telegram to MI directing vessel be placed out of commission. Y
598634	12/3	Dept	Vessel will be placed out of commission 2/14 at Mare Isl. Y
599180	12/6	Dept	Circular- vessel will be placed out of commission 2/14 at Mare Isl. Y
603655	1/1	Dept	Copy of letter to Mare Isl. stating vessel will not be sold. Y
610684	2/16	*un-Ed.	All outstanding job orders have been transferred to MI Y To Pug Sd-decommissioning-disposition of equipment-2;27-Ys
617725	4/4	MI	Submits estimates incident to material inspection. Y Fwds Opans 4/11 RE 4/17 Y

1922

Number.	Date.	From or To—	Subject.
617705	4/8	Dept	Copy of letter to I.I. stating vessel available for work. Will relieve Conn. Y
618374	4/13	Dept	Copy of telegram to MI directing under-take no work on, pending review of material inspection. Y MI Copy. Will take up estimates at once. 4/14 B-Y MI Copy. Boiler repairs will require 6 months to obtain material. 4/13 BY Pag Fleet 4/14 Copy. Expenditures not justified BY
620245	4/20	MI	Given estimates incident to report on material inspection. Y
621336	5/1	Dept	Copy of letter to W.I. stating vessel will not be reconditioned as relief for CONNECTICUT Y

Number.	Date.	From or To—	Subject.
555068	4:1	Pac Train copy	Rear Admiral H.A. Fields assumed command. A
555070	3:31	Pug Sd copy	Repairs should be made to vessel if extended cruise is contemplated. Y
555925	VOID 4:5		
555951	4:5	Dept	Copy of telegram to Pug Sd extending date of completion to April 23. Y
559780	4:1 4:23	CO Dept	Report on mt. readiness. Y To CO. Gives instructions Operns Pacific Fleet Pug Sd Y 4/27
559883	4:20	Pug Sd	Request VanDykes of machy plans be furnished. D To Puget Sd 5-14
577312	4:20 7:7	Pac Flt CO	Recd from 4/20 1:10 PM Y Pac Operns 7/12
579433	8:2	Pac Flt	Recommendations mt. insp be ordered on. Y
			To I&S- Inform Rwd 8/19 Yb Bd I&S-returns corres-10:31-Y

Number.	Date.	From or To—	Subject.	
581261	8/17	Dept	CHARLESTON will be placed in reserve FREDERICK will be placed in a commission.	153-9 Y
586077	9/16	Operations	Vessel to be placed out of commission.	Y
586525	9:20	Operns	Vessel to be placed out of commission.	Y
594867	8/30 11/7	CO C&R	Report on material readiness. Fwd Operns via Ordn Navign 11/17	Y
595544		Bd 163	Report on material inspection held 9/22	Y
596917	11/21	Mare Isl. Copy	Can decommission vessel about 12/30	Y
597127	11/22	Dept	Copt of telegram to MI giving instrns rel to decommissioning of vessel.	Y

FREDERICK: MACHY PLANT:GENERAL:

Number.	Date.	From or To -	Subject.
516409	9:10	CO copy	Vessel left Antwerp Sept 10th for Liden-A
521069	10:5	Dept	Copy of telegram to HtI Flt directing vessel proceed to Philadelphia and not NY.
524146	10:19	Dept	Copy of telegram to Phila making vessel available for repairs.
524260	10-20	Phone to Phila	Request for overhaul Y
525020	10:22	Dept	Vessel assigned as flag ship Pac Trn.Y To HtI Flt direct vessel to trip from Phila and take on board listed cc HtI- Phila- CO 10-22 To Norf Phone call 11/30
530153	11:18	Dept Circular	Vessel will proceed to West Coast for temporary duty flag ship Pac Trn home yard changed to HtI Sd.2 To Phila Change in Home Yard cc HtI Ports- CO Ports-copy of action to Pac Sd-12;1411--22
530698	11:22	Phila	Recommends outstanding job orders be cancelled when vessel leaves yard.Y To Phila Auths cancellation of orders cc CO 11-24

290-8: FREDERICK: MICH PLANT # 99N:

Number.	Date.	From or To—	Subject.
531378	11:26	Dept	Copy of telegram to 4th Dis directing vessel proceed to West Coast. Y
✓ 4 534551	12:10	Norfolk	Requesting job order to secure two crankshaft and 4 propeller blades on board. Y
			Two S&A 1-4/S1 RR station east of Landing on York Vessel is to be used to receive material at Norfolk. S&A 2/8/51
			To S. Pug Sd Gives inform re report of mat 3/51
540733	1:16	CO copy	Two S&A 1-4/S1 RR station east of Landing on York Vessel is to be used to receive material at Norfolk. S&A 2/8/51
			To S. Pug Sd Gives inform re report of mat 3/51
543601	2-1	To In Norfolk	Closing out of job orders authd cc CO Y
548966	2:28	C&R	Copy of letter to Pug Sd making vessel available about March 11 for docking. Y
552289	3:16	Pug Sd copy	If vessel is to continue in service for two years or more recommends repairs listed be made. Y
554660	3:30	Pug Sd copy	Vessel docked. Y

FREDERICK: MACHY PLANT; GEN.

Number.	Date.	From or To—	Subject.
434844	7/25	Dept	Copy of telegram to 4th Dist stating vessel will be considered as in reduced commission & A CO - copy - vessel ready to proceed to Phila 7/30 - 7/23 - A Dept - Only absolutely necessary repairs will be made. 7;25
439338	8;7	CO	One complete set of old prints on board - request disposition. D To - Auth destruction by burning of the old set of prints referred to. 8-20
441930	8/28	To Ports To I.L. Ports - Repts instructions re transfer of job orders to Phila be cancelled. copy to CO and Comdt Phila. 9-15	Req t transfer outstanding job orders on FREDERICK to Yard Ph co to Ph and FREDERICK Y ports-reports on transferring of job orders. 9-;10
443648	7/23	Bd Insp.	Material inspection - fwsd report - Y
8 449916	8;6 9:24 10;2	Ports M&S C&R	Report on disposition of troop transport material from FREDERICK & SOUTH DAKOTA. Y
449821	10-4	Ports. To I.L. Ports - Vessel ordered to the completion of work. copy to CO. 10-17	Asks if Bur desires estimates for work be postponed until return of vessel to yard. Y and Fwd Operations/ copy to I.L. Ports and CO. 10-10 Dept - copy of action to Ports - 11/10 Ports - 11/15

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Number.	Date.	From or To	Subject.
451435	10/14	Dept	Copy of telegram to Atl Flt directing vessel proceed to Ports for completion of work - Y
458034	11/14	Dept	Copy of telegram to Atl Flt directing vessel proceed to Phila and resume reduced commission - A
452499	12;8	Ports	Report of Bd of Inspect and Survey. Y Fwd Operat cons. 12-16 To Cons. Lists Items Order. 12-18 RB-12;26 To I.E. Ports. copy to CO.12-30
488196	4;17	Dept	Copy of telegram to Phila making vessel available for repairs. Y
493143	5-26	To Phila	Issuance of job order for: reqst complete report on W.R.K. 8-30 1.
496108	5-26	To Phila	Reqst report upon final conditions of pistons
Phila-fwd copy		letter of July 3-9;2-Y	cc CO 5-26. Phila modifications of hp and ln pistons of main engine-fwd's prints-7;8-Y c. 10 1.
501169	6:22	Phila	Submits detailed report with estimates covering issuance and disposition of job orders finding records of work. Y
Phila- Replies to Bureau's letter of 6/23	8/25	Y	Fwd Dept 7-14 Fwd Dept 7-25 RB-8:20-Y To C and Phila 8/25/20

FREDERICK: MACHY PLANT: GENERAL.

Number.	Date.	From or To—	Subject.
383314	1/1/19 1/6/19	CO Atl Cruiser	Request steam disinfectant plants be installed fwd C&R 1-14
385029	1:7 1:13	Norfolk C&R	Weekly report of work ending 11:23 and 10-26 Y fwd Ports 1-15 R B 2/6
399716	2:27 3:4	CO At Cr	Req. repair sections of fire main - manfg. new ash ejector bowls etc
403469	3:10 3:13	Cruiser Force Dept	Military inspection. fwd Operations via Navgn-S&A-M&S- 3-18
299487	4/8 5/20 5/21	Panama Canal fwd Atl Ft RB 5/25 TO S&A RB 5/28	PITTSBURG SOUTH DAKOTA FREDERICK lists matl in store canal zone for Y To MI inform what matl consists of To MI for PITTSBURG and req hold 22RB 5/18 To S&A list matl at Canal zone and req issue instr for ship to Ports New Hampshire 5/9 fwd ports 5/10 C's reg Pitts re instr re disposition 5/18 PUEBLO give list of repairs reqd A 342-8

FRED RICK: MICHRY PLANT: GENERAL

Number.	Date.	From or To—	Subject.
✓ 419905	5/19	Ports.	HUNTINGDON & FRED RICK: Post vandykes showing arrangement of main & auxiliary steam and exhaust pipes, feed water heaters, etc. be furnished. D.
424495	6:7	CO	Analysis matl report Y
✓ 429426	7-2	To CO	Release from Troop Transport Duty. Directs removal of all Special SE material with exceptions of extra lights. Yo
427843	7-16	To Bd I&S	Material Inspection. Fwds correspondence. Yo Bd I&S-returns correspondence-11;1
✓ 434160	7/21	Dept	Copy of telegram to Ports directing have vessel proceed to Phila preparatory to being placed out of commission - A
434339	7-14 7:21	All Flt C&R	Report of matl readiness for war service. Y Fwd Operations vi ord. 7-24

FREDERICK: MACHINERY PLANT: GENERAL

✓ 9

Number.	Date.	From or To—	Subject.
299275	2-2 4-6	Panama Canal C&R	Pays bills for services and supplies. K Pvd S&A 4-22
299487	4/9	Panama Canal	Pittsburg So Dakota Frederick lists material in store canal zone for. Y 166-8
299501	5/22 6/12	Panama Canal	Will bill covering storage charges on re-oller blades and crank shafts deliv- ered to Panama Canal zone - Y Pvd S&A 6-26
299511	7-15	CO Copy	Receives copy of Page 5 July 19. Will forward same to Bureau.
299557	7/24 7/24	CO Atl Cruiser <u>VOID</u>	Request re-raise to boiler auxiliary steam line - Y
299558	7/24 7/24	CO Atl Cruiser	Request complete set of drawings Le Pvd -

FROM: BIRMINGHAM; TO: GEN.

Number.	Date.	From or To—	Subject.	
7 340539	8/19	Portsmouth	A.S.E. drawings - D To CO, Dwggs fwd, 9-10	
340590	8/21	Dept	Relative to availability at Ports for repairs - Y	
341255	8/20	CO	Agreement to work of clear pump and piping - Y	
343566	8/26	CO	Repairs to main condensers - feed water heaters - safety valves - etc - Y To Ports, re retuning of condenser, 9-6 To Ports, 9-28 Submits estimate To Ports, approves estimate, 10-1	
719636	8/17	Portsmouth	Necessary to retune both in condensers - material on hand - request instrns - Y	
358636	10/3 10/13	Co At Cr	Req. change point of entry to main condensers of main cylinders. Y	280--15
372242	11-26	To Norfolk	Report on outstanding work. Y To NY - re st corrections, 1-10 To Ports - re work, outstanding 1-10	

FREDERICK: MACHINERY PLANT: GENERAL.

Number.	Date.	From or To-	Subject.	
275729		CARD 7	Pug Sd - copy of letter to Ports fwding prints. Ports. Copy of letter fwded prints to Ports. Y - 2-15	
274763	2-16	SEE CARD 7	To Ports - Directs prepare room for types thermo- stats to be installed. L-Y And Pug Sd - 2-19 & Ports & CO. R R 3/11 To Ports - encloses we kly report of work. 2-19 Ports (T) gives number of tubes and other material reqd for condensers 2/26 - L FREDERICK. Directs proceed to Ports for overhauling. A	OTHER SIDE
282987	2-19	At. Cr. Force Copy		
280205	2-18	Fwd Operations via Ordnance & Navyn. - Work under S.E. cognizance estimates for. Y		
288697	3/9	Ports	Outboard bearings - states stern tubes will not require rewooding - Y	
288921	3-12	Dept	19th - date of completion. Y	

FREDERICK: MACHINERY PLANT: GENERAL 280 - - 8

Number.	Date.	From or To—	Subject.
274763		SEE OTHER SIDE	CO - Requests work on governors for Hotwell pumps and change location of engine telegraphs be not done - Y 3-25 fwd to CO - fws print 3-28 CC - Relative to remedying defects feed water heater. (Cross to 280 - 10) D to CO - not considered necessary to provide new heads at this time. 5-8 Ports - Request approval of installation of mercurial for thermometers and fittings. 6-11 to Ports. Approving use of mercurial thermometers and fittings. 5-30
293300	3-27	Ports	Material inspection - fws estimates. Y
293976	3/27	CO	Request blue print filing case - Y To - Reqt disappvd. 4-3
296447	2-12 4-6	Panama Canal S&A	fws bills for work done. K fwd S&A- 4-12

FREDERICK: MACHINERY PLANT: GENERAL

Number.	Date.	From or To—	Subject.	
213393	2/4	Pug Sd T	are proceeding with certain items recommended by Board of Inspection.Y	
213532	2	Bd I&S	Fwds report.Y	
213821	3-15	Pug Sd	Report of Board survey and estimates.Y Fwd Dept--With rec. 2/31RB 4-2 To--This inclosures showing action. 4/5	
261502	11-19	To Pug Sd & M IS-Ports	C&R- Transfer of Job orders to Ports. Y To Pug Sd-Further directions for transfer of work to Ports. 12-14	
264993	12-4	OO copy	Vessel to go into dry dock Dec 5th.Y	
268376	12-18	Ports	& SAN DIEGO: SOUTH DAKOTA: HUNTINGTON request complete sets of machy plans -D	147-8
269692	12/26	Com. Cruiser Force Copy	Extensive repairs reqd to boilers, retubing condenser, etc - Y \$5.00 (1/10) boiler makers and helpers to Bd I & S- wks weekly report of work and correspondence as rected. 1-7 Board of Insp. Survey 1-31 returns papers Y.	

FRIDRICK: MACHINERY PLANT: GENERAL. 280 -- 9

Number.	Date.	From or To--	Subject.
271871	12-10 1-5	CO C&R	Emergency repairs required by Canal Zone. Y Fwd Dept via Ordance & C&R-1-8
272247	1/8	Dept	Directs material inspection at Ports. Y
272493	1/3	CO	Alterations, dynamo condenser. Install by-pass on exhaust line, valve on steam line to oil pumps, larger air chambers on pumps - Y Fwd Dept (Operations) - 1-12 R B 1/16 Fwd Attys 1 and 3 auth. Item 2 also, vl. 1-17 to NY- eqts fwd papers to Ports and 1/17. 1-22
272763	1/14	Bd IAS To Ports-Auth cancel To Ports-2-12 order. 3-29 Requests information regarding	Material inspection. Y To Dept (Operations) - Fwds recommendations. for work to be undertaken. 1-22-RB-2/2 Ports 2-2 Portsmouth 255. Y. Ports - 2/5 Y Vessel not available for repairs until Feb. 12. Recs. to be sent to Ports. Ports - 2/2 - Y Available Feb. 12 at Portsmouth for repairs. A-6 To Dept - 13 vessels made available for convoy trips for work. 1-25 RB Feb. 5.
272789	1-21	Dept	
276494	1-24	Dept.	
279185	2/4	Dept Ports - Y. 2-7	Available at Ports about Feb 22 for repairs - A
280205	2-7	Portsmouth	Relative to estimates for work in connection with material connection. Y,

FREDERICK
MARYLAND: MACHY PLANT.

1914

Number.	Date.	From or To -	Subject.
141718	11-25 12-9	M. Is C&R	Submits list of work ~~to~~ undertaken in advance of survey. Y
142076	12-5	CO	No comments on report of material inspection. Y Fwd Dept Via Ord-- Noted. 12/16
143499	12-29	Dept	Military inspection; fws report. Y Retd Via Ord & S&A-- Noted. 1/4
161615	7/26	Dept	Aug. 5th, date of completion. Y
161650	7/19	CO	List of work to be performed by ship's force. Y
163333	8-13	Dept	Directs material inspection. Y
163843	8/20	Bd of Insp	Repair papers; reqt. Y TO ~~1~~ none 8-21 Bd I&S--Returns papers. 9/24.
165591	9-4	CO	Submits list of repairs to boilers, machine tools, main engine, valves, piping, etc. Y To Via M. Is--Submit list to Bd. 9/13
169438	10-26	Dept	Directs material inspection M. Is To Bd I&S-- No repair papers on file. 10/28
169891	9-10	Bd I&S	Material inspection: fws report. Y

MARYLAND: MACHY PLANT. 266-8

Number.	Date.	From or To—	Subject.
171225	11-2	Dept <i>M S</i>	Report of board survey and estimates. Y Fwd Dept--Recom. conditions. 11/30 RE 12/8 M. Is (T) rect. information as to what items auth. 12-7 To-- Gives action on. 12/8 To-- (R) items auth. 12/8 M Is rect telegraphic action on certain items 12/14 Fwd Dept--Recom. conditions. 12/23 RE 12/28 M. Is rect action. 12/27 March 6th date for completion of repairs. Y
174210	12/18	Dept	
171225		ABOVE	M Is globe valve for sea suction not installed 2/21
189250	5-27	Dept	Repair limit extended to June .Y
189647	5-27	Dept	Military inspection. Y Fwd Dept via Bus 6-2
202247	10-12	Dept	Directs material inspection Pug Bd. Y To Bd I&S--Fwds corres in re with. 10/17 Bd I&S returns correspondence 2/17
202304	11-4	CO	Copy of letter Bd I&S relative to repairs, and alterations desired by CO. Y
210357	1/3	Dept	Copy of telegram to Pug Bd directing to proceed urgent repairs. Y
210798	12-30	CO	List of work to be done by ships force.

1913

Number.	Date.	From or To—	Subject.
✓ 109954	10/22	CO	Requests additional 3-ton ice machine: install foundry in blacksmith shop; change aux. feed pump to a low duty ballast pump. Replace internal feed pipes with galvanized steel pipes. Replace all Bureau type bottom blow valves with Johnson Nolan valves. Bureau type unsatisfactory. Fwd. M. Is. 11/13/13. 12/1 Fwd. Dept. 11/13/13. 12/1 To M. Is. 4/27 BB4 27 appd
✓ 110224	10-22 11-13	CO C&R 27896-E.41	Alterations: additional 3-ton ice machine and change location of blowers, etc. Y Fwd. Dept. via Ord and Nav. rec. disapp. in other corres. 11/17 To M. Is. 12/15. authorized. 12/15. Set C&R. 12/15.
✓ 111434	11-14	CO	Req. addition of 3 ton ice machine; convert aux feed pump in fire room to low duty ballast pump. Y
✓ 115931	1-24	Dept 18999-268	Will proceed M. Is about Feb 25. Y
✓ 116910	1-31	Dept	Military inspection: fwa report. Y Ret--via Ord and C&A. 2/12.
✓ 133579	8-21	CO	Eng Comp Remarks: reports on effects of lub oil in staining pins in journals; repairs to turning engine and removal of power leads from wing bottoms. Y To -- submit report covering relocation of power leads 9-15
137158	10-16	Bd IAS	Req. repair papers. Y To-- Fwd. 10/17. 12 28
137184	10-18	Dept	Direct inspection at M. Is. Y

MATYLAND: MACHY PLANT. 280-8

Number.	Date.	From or To--	Subject.
138863	10-21 11-6	Pac Flt Dept	Available for repairs M. Is after Nov 15. Y To M. Is--Instructions. 11/7
138861	11-6	Dept	Available for repairs from Nov 15 for 25 days
✓ 140018	11-11	CO To Via M. Is-- Gives Dept's action. 11/28	Reqt 4 new evaporators, renew air lines to compressors. 11/11 3 cylinder castings, main air lines, renew air lines all I-C 31 units from central station aft. Y Fwd Dept recommends 11-20 RE 11/28-- date of completion extended to 12/31 Time allowed for repairs insufficient for evaporator and refilling room work. Y Fwd Dept recommends extending date 11-20
✓ 140047	11-19 11-19	CO Dept	T Repair limit Extended Dec 31. Y
140179	11-21	Dept	Repair limit Extended Dec 31. Y
140683	11-18	.Is 12555	Report of board survey and estimates. Y Fwd Dept via Ord-- Noted. 12/4 Fwd Dept-- Recommendations. 12/9 To-- Gives items app'd & disapp'd. 12/22
✓ 140787	11-30	Bd I&S	Material inspection. Y
141 037	12/1	NY T	VOID
141037	12/2 12/1	C&R Dept	Recommends that date of completion of repairs be advanced if practicable. Y M. Is. (T)--Work has progressed so far impossible to defer until next repair period. Y To M. Is. (T) Can work be postponed. 12/3 Fwd Dept--Comments. 12/4

1913

Number.	Date.	From or To—	Subject.
88480	1-24	Dept	Asks if practicable to transfer 4 days SE work to M. Is. Y To Eng. Sd. All outstanding job orders will be transferred to M. Is. 1/27/ RE 3.8
89042	1/29	Dept.	Quarterly report on readiness for battle. Y Fwd C&R. 2/1.
✓ 89361	11-21 1-29	CO M. Is 1211	Install feed rheostat for dynamos and renew strainers on suction to main drains. Y
✓ 90415	1/8 2/7	CO M. Is. 67	Submits estimates for repairing piping, main and auxy. condensers, main engine piston rods, ice machine, pumps, main boilers, gen. sets. Y To M. Is. appd. 3/21. To CO via M. Is. Rel- ative to rusty I.P. rods. 3/21. BLRL
✓ 90355	91-18 2-7	CO M. Is 1607	Repairs to boilers, distillers, piping, main engines, etc. Y To M. Is. appd. 3/20.
✓ 90879	2-17	M. Is	Submits estimate for repairs to feed water heater, pumps, piping, P.d. blowers, engines, valves, etc. Y To --- appd. 3/20.
✓ 91594	2-10 2-15	CO M. Is 2429	Repair gage on gen sets, condenser piping, etc. Y pumps, main engines. Y To M. Is. appd. 3/21.
✓ 92067	2-21 2-28	CO M. Is 2596	Repairs to machine tools, piping and aux. feed pump. Y

MARYLAND: MACHY PLANT. '280-8

Number.	Date.	From or To—		Subject.
✓ 92182	3-3	M. Is	2680	Repairs to pumps, air compressor, gen sets. Y To --- appd. 3/21.
92715	12-28 3-10	CO M. Is	2965	Renew floor plates fire rooms, ash expeller line, etc. Y TO --- auth: calls attention to discrep- ancies in total estimated cost. 3-25 M. Os. Bu. summary correct. 4-2
103559	8-12 8-12	M. Is Dept	T	Requires 15 days repairs; reqt. date of completion be set. Y
103762	B-16	Dept	18999-249	Repairs aut orized M. Is. not to interfere t- with coal tests. Y
✓ 103907	8-10 8-14	CO M. Is		Alterations to piping, f&b pumps, connect discharge end of water service heads, 5 main engines to main condenser overboard discharges; install chro-tachometer. renew outboard sides feed tanks. Y Ret --- for recom 9/22 Fwd Dept. with rec 4/14 Fwd M. Is. instructions. 4/18. TO Boat via S&A apply Davidson tachometer 4-20
104075	8-15	Dept	18999-248	Shifting of 8" guns directed held up. Y To M. Is. appd. 8/22 Fwd C&R. 8/22

FREDERICK

RECEIVED: MACHY PLANT.

1912

Number.	Date.	From or To--	Subject.
63639	3-9	Dept	Report of inspection; fws. Y Fwd S&A noted. 3-20
✓ 6747C	3-27 4-18	CO M. Is 3817	Rect. alterations relief valves main feed pumps, 1st well pumps, air compressor, fire and bilge pump. Install 1" voice tube from engine room to bridge. D-2 Fwd Dept via C&R. rec appr. 5/1. R.B. 5-B appd Fwd C&R. 5/7. To M. Is. Instructions. 5/10.
67540	4-29 4-30	CO Dept	Fit for any service. Y Fwd C&R. 4/30.
70707	5-29	M. Is 5248	Overhaul sea valves and examine propellers, and outboard bearings. Estimates. Y
70891	3-26 6-3	CO M. Is 5278	Rect. repairs to pumps, ice machine, gen. set, main shaft, piping, feed water heater. Y
72 044	6-6 6-22 6-25	M. Is Dept Dept	Alterations recommended; SE items; especially increased lighting in magazine and shell room; Recommendation made by C&R on these items without any reference to Bu. S. E. 1 D-1 Ret. Dept. with rec as to lighting. 7/5 R.B. 8-2 To M. Is. Addtl. lighting will be installed. 8/24. Fwd C&R. 8/24. C&R. 8/26. Recat ret. 1 Ret. C&R gives location of 9/3 Alterations: thermometers on outside of cold storage box; height of fireroom uptake hatches and other C&R items. D Fwd Dept recom. 7-15 R.B. 7-15 appd to M. Is. appd. 7/19. Fwd C&R. 7/19.
73202	6-24 7-7	M. Is C&R 5883-12	

MARYLAND: MACHY PLANT. 280-8

Number.	Date.	From or To—	Subject.	
78209	8-13 9-11	CO Pug.Sd 5486	Repair pipe, aux. feed pump, ice machine.Y	
80226	10-14	Dept	Authorizes 6 days repairs at M.Is. while en- route to Central American Waters.Y	
80271	10-15	Dept	Work must be completed Oct. 22; authority to work shifts if necessary. Y	
80630	10-21	Dept 18999-191	Quotes telegram reporting repairs will be completed 22nd. Y	
82171	9-18 10-29	CO M.Is 10160	Cross connection between fire and bilge pump manifolds, fit sheathe between back pressure exhaust, and make casings main engine portable. and install additional tank lub. oil. D. O -- appvc. 11-11 Fwd C&R 11-11 RB 11-14 Fwd C&R. 11/14. RB 1-16	
83819	9-30 11-23	CO Dept	Report on readiness for battle. Y Ret Dept. 12/3.	
85609	12/20	Dept	& CALIFORNIA: available for repairs, M.Is.	147--8
86504	1/3	Dept	1911 & CALIFORNIA: repair limit fixed 3/15.	147--8

Number.	Date.	From or To—	Subject.
✓ 44278	5/1 7/13	C.O. M.Is 6663	Repairs to salt water piping in engine and fire room; renew slip joint sleeves, packing, install liner in valve chest, misc. repairs to piping, boilers, distiller. Y To M.Is. Appd. See 43811-280-S. 8/11.
✓ 44988	7/31	C.O.	Repairs to pumps, manufacture trap buckets, for synamo, steering engine, etc. Y
✓ 45214	8/2	Dept	Directs work on forced lubrication, sub-central station, fire control system, be performed during repairs to condensers at M.Is. Y&L To M.Is. Instructions. 8/4.
✓ 45376	7/29	C.O.	Reqt. repairs to valves, engine of steam cutter, shaft, timing device, gen. set. Y
✓ 46530	7/79 8/8	C.O. M.Is 7528	Ditto. Y Rel. Dept. Rec. app. 8/19. RRB-21a'ppd To M.Is. Appd. 8/22.
✓ 46778	8/14	C.O. Department	Directs all work be completed early in Oct: 16. Y To M.Is. 10 b. required at San Francisco To M.Is. Instructions. - Fwd. via C.O. Rel. ship of condenser tube sheets. 8/21.
✓ 46760	7/21 8/10	C.O. M.Is	Reqt. repairs to pumps, traps on synamo and steering engine lines, renickie safety valve springs, etc. Y Fwd. Dept. Rec. app. 8/23. RRB-25a'ppd To M.Is. Appd. 8/26.
47885	8/30:	C.O.	New crank pin brasses, main engine, differential valve, steering engine, repairs to safety valves. Y

MARYLAND: MACHINERY PLANT: 280-8

Number.	Date.	From or To—	Subject.
✓ 47863	5/1	C.O.	Alterations: drain line from engine room auxiliaries to feed tanks; cross connection steam and exhaust line between turning engines, and annunciator telegraph leads, etc. Y&P Ref. Dept. approved 9/6 RB 9-11 appd Tel. V.I. authorized 9/11 RB 10-2 Ref. Dept. approved 9/12 RB 10-2 Ref. Dept. via Bureau 9/12
✓ 48284	6/1	Dept 18999-158	Report of inspection held Apr. 25. Y Ref. Dept. via Bureau 9/12
✓ 48356	8/30 9/2	C.O. M.Ia 8526	Repairs to main engine, steering engine, safety valve. Y Ref. Dept. approved - sums up charges 9/13 RB 9-15 appd - to M.I. approved 9/16
✓ 49409	9/14	M.Ia 8999	Submits estimates for installing independent drain line from engine room, aux. feed tank, annunciator leads, install new bottom liner P.H.P. valve chest. Ref. Dept. approved 9/27 RB 9-28 appd to April 9/30.
50043	9/25	M.Ia 9366	Forced lubrication; reqt. spare parts for pumps. D
✓ 51635	10/20 10/20	M.Ia Dept T	Can complete vessel morning of 30th. Dept. telegraphs directing completion 28th. Sunday work authorized. Y
✓ 53176	11/9 11/10	S&A Dept. 106930	Forwards statement showing cost of repairs and overhaul undertaken for period June 30 to Oct. 28. Y Fwd Dept. via Ord & C&R. Noted. 11/15. 1912

280 -- 8 FREDERICK
MARYLAND: MACHINERY PLANT: GENERAL;

16

FILE No.	From or To— (Dated)	Subject.
28784 12/30 1/4	C.O. M.Is. 7650	Repairs to steam pipe, ash ejector, whistle piping, etc.
29432 12/23 1/10	C.O. M.Is. 154	Reqt. repairs to evaporator feed pump, port distiller, ash ejector steam pipe, etc. Fwd. Dept. Rec. appr. 1/25 M.E. appd 1/26 To M.Is. authorized 1/27
✓ 32387 2/24	Dept	AND PENNSYLVANIA: Docking at Pug. Sd. & M.Is. work authorized in advance of estimates. Y Fwd C&R noted 2/27.
✓ 38444 5/1	C.O.	Reqt. repairs to piping in engine rooms, boilers, and piping to auxiliaries. Y
38443 5/1	C.O.	Reqt. alterations to piping in engine room, annunciator telegraph leads in central sta. and aux. piping. Y Fwd. Dept. Recommendations 5/12 RB 5-15a'p'd Fwd M.Is. for guidance. 5/16. RB 6-5
43151 7/8	M.Is.	& California: auth. alterations and urgent repairs to be completed 60 working days, except forced lubrication, 90 days.
✓ 43855 7/10	M.Is. 6526	Submits estimates for valves for double effect evaporating plant, steam piping, ash ejector, evaporator feed pump, new distiller, evaporator shells, forced lubrication, etc. Y To M.Is. 6/11.

147--8



FREDERICK: MAIN ENGINES:

Number.	Date.	From or To--	Subject.
285847	3-2	To Ma-e Island	Crankshaft drawing showing forced lubrication holes. Repts f'd vandyke D M Ia - fws plans - 3/20 L D
304416	5/3 5/4	CO Atl Cruiser	Fws sample of setus turbine oil - considerable quantity pumped from side of vessel could not be used - Y&R Fwd Experimental Station. 5-14
305460	4-27 9-19	CO	Repairs to port high pressure and intermediate cylinders. Y To Norf. Request furnish equipment desired. 5-11 Fwd P.rts. 5-13 P B 5/23 Norf - Copy of letter to CO relative to repairs. 5-16 Atlantic Cruiser 5:14 To NY Re work of reborring of port H P cylinder at N Y rd. 6-19 To Ports. re reborring of starboard cylinder 9-25 Request drawings of M P & H P cylinders of - D
309538	5/22	Norf	
315006	6:8	Experiment Station	Test 1052 - Fws report on test of sample of setus oil from Frederick. R To C O Fwd report on test for inform. 6-12 CO Dec. 20
326821	7/12	Phila	Cr. Repts - ask who will do necessary work

FREDERICK; MAIN ENGINES.

Number.	Date.	From or To	Subject.
35467	6/13	Phila.	Crank throws for FREDERICK inadvertent- 629 ly shipt to Washington instead of Phila. R.
428841	6-26	Phila	Rest prints showing crank shaft forgings for. D To E.O. Phila- Fwds prints. 6-28
441930	8:24	Ports	Asks if shall transfer all outstanding job orders and work to Phila yard.Y
496106	7:8	Phila	Modifications of hp and lp pistons of main engine-fwds prints.Y 280-8

280---9
FREDERICK

MARYLAND: MAIN ENGINES: ETC.

1913

✓ 4

Number.	Date.	From or To--	Subject.	
90455	1/21 2/10	CO M.Is. 1450	Repair steam chests to reversing engine.Y	
90596	2-1 2-10	CO M.Is	True up crosshead pins,main engines.Y	
No #	2/18	To M.Is. T	Repairing indicators authorized 1242.Y	
90871	2-15	M.Is 2065	Estimate for overhauling spare crank shaft. Y	
91477	2-21	M.Is 2184	Floor plates; engine room; reqt. vandyke. D To---Vandyke fwd. 2/7.	
92379	3-5	M.Is. 2750	Forced lubrication; shift oil piping interfering with guards over cranks. D	
92548	3-7	M.Is 2858	Estimate for installing metallic packing extension for Cocks steam seal on all piston rods.D. Fwd Dept.rec appr.3/29. HBS 27 TO -- appvd.3-25	
121874	3-31	M.Is 2379	Intermediate and LP cylinders; estimate for repairs.Y To---appd.4/10	
140018	11/11	CO	Long list of alterations	280-8

1914

FREDERICK: MAIN ENGINES. 280-9

1417

Number.	Date.	From or To—	Subject.
217950	3-7	Pug Sd	Reports clearance between cylinder and piston; ship has requested that piston be built up to reduce; disapproved on account of shortage of time. Y
260026	11-16	To S&A	Reqt ship 2 fwd sections crank shafts. from NY to Boston. Y
261450	11-17	To Midvale Steel Co. R AD A.R. Conden	Fwds sets of blueprints of Crankshafts. D FREDERICK SOUTH DAKOTA SAN DIEGO. D

Number.	Date.	From or To—	Subject.	
52264	10/19 10/23	C.O. M.Is	Repair to eccentric main engine. Y Fwd Dept. rec appr. 11/1/1918 M-7 appd To M.Is. Appd. 11/8.	
52697	10/25	M.Is 10445	Forced lubrication system: estimates for additional piping. Y-D Fwd Dept. rec appr. 11/6/1918 M-7 appd To --- Appd. 11/8.	
52779	10/28	M.Is 10644	Forced lubrication: revised estimates. Y-D Fwd Dept. 11/8. Fwd M.Is. 11/9 RB 11/26 comments.	
			1912	
58967	1/5	Pacific Fleet	LUBRICATION: fwds reports of:	683-4
62204	2-27	Key West	Quot a wireless from rect. permission to enlarge 3/4" holes main journal: insufficient supply to crossheads. D (W) to C.O. request to enlarge approved. 2/28. Rect. be verified. 3-1 (W) to C.O. Enlargement appd. 3/1.	
66341	3-27 4-4	CO M.Is 3382	Repair main journal brasses. Y	
67960	4/22	M.Is.	Packing. C. Lee Cook. rect definite instruction 693	
69304	4-13 5-10	CO M.Is 4575	Place larger guards over forced lubrication on cranks. D To M.Is. appd. 5/21.	

280--9 MARYLAND: MAIN ENGINES: ETC.

Number.	Date.	From or To--	Subject.
73871	7/20	To M. Is.	Alterations to H.P. valve gear. reqt estimate of cost. 636--7
76569	8/14	M. Is. 7811	Alterations for H.P. valve gear; submit estimate. D TO -- auth. 10-22
✓ 79120	9-17	M. Is. 8836	Forced lubrication casing: fwd a b/p showing alterations; make in connection with fitting system. D Ref. Dept 10-2 TO M. Is. auth. 10-5 RB105 appd
✓ 79872	10-1	M. Is. 9276	Forced lub. Fwds change in weight sheets. D. To C&R. Fwds copy form NSE 136.10/24.
✓ 85992	12-26	M. Is.	& CALIFORNIA: reqt. authority to make same change in Cook's packing as was made on SOUTH DAKOTA. D (T) to --- appd. 12/27.
✓ 86931	11/6 12/30	CO M. Is. 1210E	1913 Remove all oil cooling pipe leading to bottom main journal brasses. Main bearings porous. Necessary to prevent salt water mixing with oil after installation of forced lubrication system. D Ref. Dept. disappvd. 1/9 To --- disappd 1/14.
89463	1-17 1-29	CO M. Is. 1001	Manufacture piston valve rings. Y

Number.	Date.	From or To--	Subject.	
41748	6/14	Mare Is. 5233	Gives actual cost for installation of forced lubrication. D and Dept. Inc over estimates be with 67 1/2 B & 2 1/2 dia and also applies to S. Dakota & Alaska. To -- Apprd. 6/26.	
43611	7/14	TO M. Is T	& SOUTH DAKOTA: Reqt. dimensions of l.p. piston rod in connection with new packing. D.	
43977	7/19	M. Is	& SOUTH DAKOTA: Gives diameter of l.p. piston rods. D (T) to M. Is. Reast delimensions. 7/20.	
44180	7/21	M. Is T	Forced lubrication; impossible to complete unless vessel remains until Oct. 15th. D (T) to -- Directs proceed: vessel not to be delayed beyond date originally set. 7/22.	
44267	7/22	M. Is T	Gives diameter of piston rods. D To Cook Mfg. Co. Gives dimensions. 7/24.	
44575	7/20	C.O.	Reqt. rehabbiting of various bearings main eng. ne. Y	
44731	8/8	To M. Is.	Quotes extracts from Inerr Competition Report regarding difficulty experienced with White Metal. Y	280-2
51740	10/13	C.O.	Spare parts for forced lubrication; recast be added.	280-21

MARYLAND: MAIN ENGINES: ETC. 280 — 9

Number.	Date.	From or To--	Subject.
✓ 45872	8/20 8/1	C.O. M.Is 7262	Rehabilitate parts of main engines. Y To M.Is. Appd. See 4702-210-C. 8/11.
✓ 48919	9/20	M.Is T	Main bearing brasses very porous and leak badly; all efforts to repairs unsatisfactory; re t. instructions on instilling new Y circulating oil 9/20 connection for
✓ 49406	9/12 9/18	C.O. M.Is	Forced lubrication; submits estimates and prints showing installation of thermometer for registering temperature of oil on cross- heads. Y-D
✓ 49490	9/12 -/18	C.O. M.Is 9043	tel. M.I. authorized 9/25 ref. Dept. approved 9/27 BBQ-20a'nn To M.Is: Confirms tel. auth. 9/30 Forced lubrication; re t. installation of small pump in engine room for Y&D tel. M.I. disapproved 9/27
✓ 50067	9/20: 9/26	C.O. M.Is 9407	Repairs to crank pin brasses, main engine. Y
✓ 50043	9/25	M.Is. 9366	forced lubrication; re t. Spare parts for pumps. D To M.I. spares ordered. 10/3.
✓ 50713	9/28	M.Is 9363	Alterations in connection with forced lubrication system; submits estimates. Y-D To M.I. 10/11. BB 10 a'ppd
50712	9/28 10/3	C.O. M.Is 9449	Reqt. machining of various engine parts to meet changes in forced lubrication. Y

FILE No.	From or To— (Dated)	Subject	
34134 3/11	C.O.	& WEST VIRGINIA: make valve chest liner. etc. for engine.	477--9
34551 3/24	M.Is T	Valves and liners for main engines; states was intended for this ship and not for the WEST VIRGINIA. To -- Apprd 3/25.	
✓ 34535 3/18	M.Is	Manufacture 2 solid h.p. piston valve rings for. To -- Apprd 3/27.	
34994 3/24	M.Is. 2522	& WEST VIRGINIA: change in engines from in-turning to out-turning; recd disposition of castings manufactured for use in connec- tion with. D To -- Directs be surveyed 4/1.	
35012 3/30	TO M.Is.	Directs submission of estimated time and cost for installation of forced lubrication in. D To -- Auth. at est. cost of \$30,000. 4/4. Specns. not received. 5/8. To M.Is. Addt print fwd. 5/17.	
37115 4/27	To Dept. CAL	CALIFORNIA & OTHERS: Rec app val of setting of receiver safety valves on steaming trials. 1st 13 lbs., 2d 50 lbs. D R.B. 4/28 apprd.	147-9
✓ 38666 5/8	M.Is	Forced lubrication system: reqt. pumps be manufactured at Boston Yd. D To -- Pumps ordered 15th ult. 5/15.	



FREDERICK: MAIN BOILERS.

1918

Number.	Date.	From or To--	Subject.	
355366	9/26	CO	Replace pit circulating tubes in boilers-Y To Ports, authorizing in if necessary I-7	
408705	3:17	CO	Reports on condition of boilers ash pans require renewing etc reports on corrosion of boilers D To CO- Sur assumes CO will submit report as called for by articles 4322 am 4331 for work to be done- 4/11	
425959	6/12	J.J. Manning	Submits report of installation of bars in boilers of FREDERICK by a Brazilian by the name of Santos. J.	512-2
			-1920-	
471108	1/19	Y & D	Copy of shipment order covering hot air furnaces from Army Supply Base Norfolk Va for.	
483850	3:24	Exp Sta TEST 1058	Metallographic examination of boiler tubes received from To CO-PWS copy of Exp Sta report test # 1058 . 3-27	
551802	3:16	Pug 34 copy	Request renew fire room plate supports- submits estimates.Y To Pug Snd (T) Work authd cc C&R 3/16	

280-10:FREDERICK: MAIN BOILERS:

Number.	Date.	From or To—	Subject.
566593	5:23	C ^v	Fwds sketches of evaporators showing test holes and repairs. Fwd Dent 6/25 RB 7/5 To C&A Reggt shipmt of Evaporators from Phila To Pac Snd 8054 7/5 CO-T suggests Pac Sd have evaporators in readiness for assembly in ship upon arrival.Y-7:12 To Pac Snd Ask if shipmt recd 1/11/42 RB 2/6 Y
575677	7/20	To USS FREDERICK	Fwds blue prints on Evaporators. Yb D
579561	8:1	Pac Flt	Report and samples covering repairs to boilers and evaporators will be fwded to Bu.Y
587425	8:30 9:21	CO Pac Flt	Submits report covering capacity of evaporating plant.D Fwd Op rns 10/1

FREDERICK: MAIN BOILERS.

Number.	Date.	From or To—	Subject.
306119	5/10 5/11	CO Atl Cruiser	Fwds sections of boiler tubes for insp - failed under pressure - N To Atl Flt - Repts fwd samples boiler tubes. 5-14 Cruiser Force - 5-17 To U S Naval Academy Annapolis and C O Re boiler tubes for #10 boiler, 5-23 Naval Academy - 7/8 To Annapolis Academy - Advise when test report may be expected. 2-4-39 RS 2:20:19 Fwd Nav Academy 4/11 RS 4:16
307322	5-14 5-16	J A G Dept	Fwds report of Board of Investigation to inquire into failure of boiler No. 10. Y Fwd Dept. 5-17
289008			Shipment order 3/30 R B 5/21
303548		(old number - other orders evidently on Card 5 which is 1st)	Shipment order 5/4 R B 5/31 To Atl Flt. Rqst inform re receipt of above 8-12 XXXXXX 9-18-39 RS 23-X 30 9-18
317827	6:10 6:14	CO Atl Cruiser	Repts job order be issued covering relaying of tubes, giving trouble due to leaking. Y

280 - 10 FREDERICK: MAIN BOILERS

1918

Number	Date	From or To--	Subject
318897	6-14	CO	Submits report of damaged #10 boiler and repairs to Y
318884	6-14 6-16	CO At Cruiser	Sends specimens of crystallized tubes and nipples from No. 7 boilers at first opportunity. Y
319317	6/21	Atl Flt	Reports on performance with 12 boilers under force draft in excellent condition. Deft - 6/21
321519	7-12	CO At Cruiser	Sends sample of a high temperature boiler tube from No. 7 boiler to Co. for analysis in to Co, re retuning of boiler 7, 7-8
341843	8/12	Com Off FREDERICK	Grate bars Brazil type will test out on ship if rqsted to do so 612-2

FREDERICK: MAIN BOILERS

Number.	Date.	From or To—	Subject.
258124	11-2	To S&A	Reqt shipt grate bars from Pug to Norf. Y
260820	11-16	To S&A	Reqt shipt boiler material from Ports to Canal Zone for. Y CO gives list of material now on board 12-19 Fwd-12-24
270583	1-2	To Norf	Spare boiler material. Lists material informed shipped from B&W. Report receipt. Y
271574	1-7	To Ports Sup Officer	Spare boiler materials Should be considered as available for issue to any vessel requiring it and for which it is suitable. Y
274735	1/16	Ports	Request prints of boiler.D To— wds prints as reqtd. 1-22
288683	3/5	CO	Repair boiler water legs - Y

280 - 10 FREDERICK: MAIN BOILERS:

Number.	Date.	From or To—	Subject.
289008	3-14	To Pug Sd	Tube sheets feed water heaters. Inform if are now at the yard. Y Puget Sound. D 3-22 To SEA- Reqt ship Naval brass tube sheets from Pug Sd to Phila. 3-30 to Pug Sd- Reqt's further changes be reported to Bureau. 4-1
291402	3-23	To CO	Shipment order 3-30 RB 5-20 Boiler fittings received with no. 1 boiler. RB 4-23
300585	4-13	CO	Repairs to smoke stack. Y To Ports- with renewal of entire lining of #3 smoke pipe. 4-25
303348	5/4	To SEA Phone Cruiser Force, 5-6 To SEA	Reqt's ship. of 10 headers, 2 side boxes, and boiler tubes, from NY to CO for FREDERICK Y (283) Reqt's ship. of 3 headers from Ports to Com. Cruiser Force and Atlan. Fl. for FREDERICK.
303540	5-6	To CO (T)	Lists material to be shipped from NY and Ports and reqt'd fwd sample of worst tubes. Y

FREDERICK: POILINS

Number.	Date.	From or To—	Subject.
258124	6-26	To Norf.	Re shipment grate bars to F Yd Norf. Y Norf - 7/11
259008			F Snd - 7/11

1914

Number.	Date.	From or To—	Subject.	
127338	5/18 6/3	CO Mare Is. 5681	Renew shells and heads of evaporators. Y To M.Is. appd. 6/13. Fwd CAR. 6/13. rh 6 13	
135950	9-28	CO	Install 2 additional distillers. Y Fwd M.Is. for rec. 10/9 coll.	
140018	11/11	CO	Reqt four new evaporators, distiller on circulating line, etc	280-8
140047	11/19	CO T	Time allowed for repairs insufficient for evaporator and refrig room work	280-8
140769	11-5	To M.Is. (T)	Additional distillers will not be installed; disappv recommended. Y	
140769	11-30	M.Is T	Reqt telegraphic approval to install 2 additional 5,000 gal distillers. Y	
142562	12-14	CO	Reqt authority to turn in evaporator front and back. Y To Via M.Is. -- Granted. 12/21	
142733	12-17 12-17	CO M.Is 13642	Estimate for supplying 1300 boiler tubes. Y To Via M.Is. -- Disappv. 12/24	
M.Is reqn 1002		To Dept.	Spare parts for B&W boilers, MARYLAND class; reqt material be purchased without competition from B&W. 3/20	

MARYLAND: MAIN BOILERS. 280-10

1513

Number.	Date.	From or To—	Subject.	
165590	9-4	CO	Reqt 2 additional distillers. Y Fwd Dept--Rec disap vl. 9/14 RB 9/16 To Via M. Is--Disappvl. 9/16	
202103	9-15 10-6 10-10	CO Pug Sd Dept	Reports on condition of boilers; Dept has ordered inspection of. Y Fwd Dept--10/13 RB 10-16	
204441	10/27	Pac Res Flt	& SO DAK; recommends work on boilers be expedited; boilers on all other armored vessels in good condition; submits list showing thickness of headers and tubes required	408-10
208408	12/7	Pug Sd	Boiler material; lists that which can be supplied by M Is. Y	
212334	1-23	Pug Sd T	Request Bureau purchase tube sheets for feed water heaters; gives dimensions. Y	
217541	2-25	Pug Sd	Reports on condition of rider plating under boilers 13, 15, 11. Y	
250663	9/25	To C&R	Reaggt of reserve feed water tanks. Recommendations D	573-10
255563	10-20	To S&A	Reqt shipt 1 front & 1 rear evaporators heads from Pug SD to Norf/ Y	

FREDERICK
MARYLAND: MAIN BOILERS.

1910

Number.	Date.	From or To—	Subject.	
90182	1-8 2-6	CO M.Is. 71	Repair feed tanks. Y To M.Is. appd. 2/14.	
✓ 90413	2/5	CO	Water testing set: requests authority to turn in old type. Y To---appd. 2/19.	
90415	1/8	C.O.	Submits estimates for repairing.	280--8
~~90354~~ 90354	12-24 2-6	CO M.Is. 1609	Install manhole and plates for inspecting tops of feed tanks. Y Fwd M.Is. 2/17 RB 8-5	
90355	1/18	C.O.	Repairs to boilers, distiller, etc	280--8
90879	2/17	M.Is.	Submits estimate for repairs to feed water heater, f-d-blowers, etc	280--8
91149	2/11 2/17	CO M.Is. 1974	Renew brick tile, main boilers, and ash pans for same. Y	
✓ 93105	3-15	CO	Reqt. Bu. water testing outfit. M To---Set shipped Feb. 12th from Norfolk to M.Is. 3/24.	

MARYLAND: MAIN BOILERS.,280-10

Number.	Date.	From or To—	Subject.	
96134	1/6 4/17 4/30	CO M. Is. 359 C&R 27896-3.26	Re fitting umbrellas over fireroom hatches and attaching same to smoke pipes; disappr. recommended. Y To M. Is. approves closing of job order. 5/12. Fwd Dept. 5/12. R. B. 5-15 Ret C&R. 5/15.	
✓ 96883	5/2	CO	Boiler safety valve settings. Request authority to allow remain at present setting of 285 lbs. Otherwise impossible to meet speed called for by Engineering Competition Rule D. (T) to M. Is. directs set safety valves 265 lbs. 5/10.	
✓ 97930	5-21	New London M. Is.	Safety valves set at 265#. D	
109954	10/22	C.O. void.		
110224	10/22	C.O.	Change location of blowers, etc	280-8
		1914		
115228	11-28 1-13	CO M. Is. 12935	Internal feed piping; main boilers; estimates. Y To M. Is. appd. 1/19	
118032	2/13	M. Is.	Submits est. for alterations internal feed piping and scum pans	408-10
118818	2-28	M. Is. T	Reqt Navy Yard install internal feed pipes all boilers. Y (T) to --- authorized. 3/2.	

M RYL ND: MAIN BOILERS: ETC

Number.	Date.	From or To—	Subject.
44900	7/24 7/21	C.O. M.Is. 6959	Recommend relocation of Distillers.D. Fwd C&R. 7/31.
45037	7/24	M.Is. 6994p	Boiler C: repair corner box. Y To---Appd. See 43825-28C-6. 8/11.
46318	8/9	C.O.	Reqt. floor plates in fireroom passages.Y Recd with 4417-22-10 to M.Is. 10/9
46776	8/21	To Mass.	Condenser tub sheets; requests to be ad- vised to ship 25th as boiler sheet goes forward to Mare Island on sched.time. 28C-8
47209	8/24	Mass	Turbines for f.d. blowers; reports inspection of's.
52171	8/9 M.Is	C.C. 10/23 10228	Install floor plates in fire room, Y Fwd Dept. rec appr 10/31. 1-2 appd. To M.Is. Appd. 11/3.
No 4	3-19		1912 Recom re bids for headers for. & DENVER. R
69493	4-22 5-8	GO M.Is 4523	Install hoods over smoke pipes, fire room hatches. D Fwd Dept via C&R. recom. 5-24 RB 6-2 appd. To M.Is. appd. 6/3.

MARYLAND: MAIN BOILERS:ETC. 280-10

Number.	Date.	From or To—	Subject.	
69996	4-22 ~~4-22~~	CO M.Is 5043	Repairs to feed tanks.Y	
70891	3/26	C.O.	RE-T repairs to feed water heater. etc	280--8
✓ 72462	6-15 6-28	M.Is C&R	Return galley pipe up inside smoke stack. Y To M.Is. work appd. 7/3. BB 7-5 Fwd Dept. 7/3. To M.Is. work authorized. 7/6. Fwd C&R. 7/6.	
No#	7-18	Fwd Dept	Reqm. 585 spares for B&W boilers; re award. R	
81805	9-18 10-22	CO M.Is	Reqt. renewal angle irons, fire room and ash expeller.Y	
86291	11-29 1-10	CO M.Is 399	1917 Ash ejector; reapri.Y	
89177	12-19 ~~12-23~~	CO M.Is 1026	Renew boiler gaskets, main connection doors, steam drum lagging, and filling in pieces main boilers.Y	
89290	1-28	M.Is 1210	Renew 2" tubes, boilers 7, 12 and 4 and insulate same.Y To---appd. 3/20.	
89455	1-15 1-29	CO M.Is 776	Repair cross boxes boiler 9. Y	

FILE No.	From or To— (Dated)	Subject.	
32502 2/20	Pac.Flt	Fwds report of board on evaporators, Y and M.Is. for recommendations 3/20. BB 5-2 To -- Copy of endorsement 3/20. To M.Is. Recommendations, auth. 5/5. To -- Copy of letter to M.Is. 5/5. Fwd Dept. 1/5. BB 6-9 appd To M.Is. States Dept's action. 5/10.	
38444 5/1	C.O.	Reqt repairs to: etc	280--8
42360 6/21 6/27	C.O. Dept	Re-tube main condensers. Y	
42969 7/6	Pac.Flt.	CALIFORNIA: condition of; states court of in- quiry not necessary; same applies to MARYLAND.	147--10
43163 7/8	M.Is.	& CALIFORNIA: reports insyn of machy; work required on boilers, evaporators and condensers, etc	147--8
43775 7/17	M.Is T	Reqt. authority to change location of distil- lers from engine room to trunk over evaporator room. D (T) to -- Change apprd. 7/18.	
43855 7/10	M.Is.	MARYLAND: submits estimates for valves for double effect evaporator, last, steam piping, ash ejector, evaporator feed pump, new dis- tiller, evaporator shells, forced lubrication	280--8
44035 7/11	M.Is.	CALIFORNIA: report of Board, Maryland on Evaporators, etc	147--8



Number.	Date.	From or To—	Subject.	
572516	7/29	CO	2 qt spare engine oil for VanDyke Pwd SEA 7/5 RB 7/7 To CO FREDERICK Asks for specific inform 7/23 Y To CO FREDERICK 8/12 To SEA- Fwis ref 8/19 Rh To CO Gives ~~action~~ action taken re Pacific Fleet SEA 8/26 CO fws copy of reqn-8-17-R CO CO 10/22 Tracer Back 10/26 R	
585412	9/14	C&H	FREDERICK assigns 35' motor boat to M.I.	611-12
590328	10/18	To CO FREDERICK	Reqs Motor dory registry number be corrected	611-11
592834	10/31	To CO	Reqt number of steamer be corrected.	611-2
595269	11/2	Pac Train	Copy of letter to CO COM directing transfer 40' motor barge 3442 to FREDERICK.	611-2
595512	11/7	Pac Train	Submits report on trans of boats between FREDERICK & COM.	611-2
592837	11/9	CO FREDERICK	Gives registry numbers of power boats	611-1
595613	11/3	Pac Train	Copy of letter to FREDERICK directing transfer boats listed to CO COM	611-2

FREDERICK: AUX MACH

1921

Number.	Date.	From or To—	Subject.	
596712	11/19	C&R	Copy of letter to CO FREDERICK directing turn in 40' motor barge 3442 at 3d when vessel goes out of commission Y	611-9
599498	12/8	C&R	Copy of letter to CO FREDERICK in conn with turning in 40' motor barge 3442 at M.I. Y	611-15
610564	2/18	C&R	Copy of letter to L.I. rel to boats on board FREDERICK going out of commission Y	611
610565	2/18	C&R	Copy of letter to CO NEW YORK authorizing turn in 50' steamer 5438. L.I. will turn 35' motor boat 2359 from FREDERICK to NEW YORK Y	611
610582	4/24	C&R	Copy of letter to L.I. rel to boats for FREDERICK Y	611-2

1919

4

Number.	Date.	From or To—	Subject.	
389959	To CO	FREDERICK <i>2/4</i>	Asks correction of records re engine 2505 instead of 2256 as rep rtes	511-2
131 432/19 2-8	To COMMANDER	OFFICER	Asks and survey covering material for re replacement of which report was sub-	rec
397847	2/12	CO FREDERICK	Submits report on operation of pumps for power boats in parallel D&S	511-4
416767	5/7	C&R	24' motor sailing launch 8212 will be issued to PRINZ FREDRICH WILHELM Y?	511-2
435076	7/24	C&R	35' motor boat 2422 temporarily assigned to FREDERICK: Y.	511-2
453728	10/23	C&R	Copy letter to NY assigning 36' motor ambulance boats 7374 & 7375 to Hospital Ship #1; in conn with ambulance boats for MEXY & FREDERICK: Y.	511-2
473711	2/3	To FREDERICK	Steamer 1988 engine boiler number Y	511-1

Number.	Date.	From or To—	Subject.	
495064	5/21	C&R	Copy letter to Phila & Norf assigning boats to FREDERICK; Y	611-2
497464	6/2	Norf	40' steamer 1442 will be shipped to FREDERICK; Y	611-1
515615	9-3	Norf	FREDERICK steamer 1442 assigned Y	611-1
523405	10/25	C&R	Copy letter to Phila, in conn with 40' steamer being for FREDERICK; Y	611
535461	12/17	Phila	Ask if Bureaus record show number of boiler installed in 40' steamer 1093 turned in by FREDERICK. Y	611-1
	1921			
552446	3/9	C&R	Copy let to Pacific Train in conn with transfer of 21' Motor Dory 8574 to GLACIER for further transfer to FREDERICK Y	611-11
556347	4/8	C&R	Copy letter to Puget Sound disapproving issue 35' Motor Boat to CO FREDERICK to replace 40' steamer Y	611-12
559559	4/16	CO FREDERICK	40 ft steamer 1442 will be retained on board. Y	611-1
563914	5/17	To CO FREDERICK	35' motor boat 14798—engine number Y	611-12
FREDERICK	55/21 5-19	To CO	Power boat material—gives instructions if in excess— YR	

FREDERICK

MARYLAND: AUX. MCHY.

Number.	Date.	From or To	Subject.	
202027	10/11	C&R	Steamer 1988 transferred from SO DAK to	611-1
212711	1-27	To FREDERICK	If steamer 1988 is on board, directs submit information re boiler and engine. If not on board, asks disposition.	611-1
212977	1-25	CO	Request authority to turn in 2 keel condensers; 40' steamers. Y To via Pug Sd--Grants auth. 1/31	
220915	3-30	FREDERICK	Reports turning in of steamer 1071, 7 eng 1206 and boiler W 16.	611-1
224756	4-20	FREDERICK	Reports receipt of motor boat 2859, engine 3656	611-2
231937	5-16	Pac Flt	Gas motors, 2 cycle, 2 cylinders, in motor sailers; fnds. ~~what~~ complaint from, recommends be abandoned in favor of 4 cycle.	611-4
242343	8-1	Pug Sd	motor sailing launch 2920 delivered 11/11/44 rec'd delivered 11/11/44 1st motor sailing launch of motor sailing launch.	611-2
243967	8/15	To PITTSBURGH	Engine motor sailing launches 2929 and 2930. PITTSBURGH & FREDERICK will be ship't for install ship's force if desired.	611-2
249728	9/18	S&A	PITTSBURGH & FREDERICK: PUEBLO: patterns for erosion, latig for ash exchangers from Pug Sd to Mori by express.	342-11
249728	11/18	Co FREDERICK	motor sailing launch 2920	611-2

FREDERICK: AUXILIARY MACHINERY.

Number.	Date.	From or To--	Subject.	
278683	2-1	S&A	Directs shipment of a 36' motor sailing launch to the FREDERICK. Y	611-2
290686	2-15	USS FREDERICK	Motor sailing launch engine; complains of arrangement of water tanks for dobling systems. D.	611-4
293363	3-28	C&R	Assigns motor sailing launches G 866	
294573	4/2	Frederick	Assigns 36' motor sailing launch	611-2
297052	4/11	C&R	Bridgeport Supply Frederick New Jersey assignments 36 ft motor sailing launches for.	611-2
303853	5/5	To S&A	Reqt. shipment from NY to FREDERICK for motor boat engine.	611-2
299813	4/20	C&R	FREDERICK-assigns motor sailing launch C-870.	611-2
354887	9:26 10:1	NO At. Cruiser	Request re-arrange complete wiring installation and battery storage in Captains speed boat. Y&J 20 ports, authorized to perform work, 10-5	

1913

2

Number.	Date.	From or To--	Subject.	
✓ Sur 152	9-10	TO Dept	Disap turning in engines .etc. Y	
A07363	9/22	Alas. Coal Exp.	Receipt of motor sailing launch 208 turned over to Maryland	623--15
No #	11/5	To Pug. Sd	Power boat machy for Expedition. Survey #55-1/2. If engines 3245 or 3246 not procured, directs number 3245 be secured to Corliss engine makers number 1334.	623--15
119729	3/12	To M. Is. via MARYLAND	Steamer 840 condemned for sale: type M engine 948 and Ward G-2 sq. boiler 1920 assigned to issue.	611-1
121311	3/14	MARYLAND	Rect assignment of 36" steamer 422. eng 46 0. boiler 1911	611-1
121677	4/6	C&R	MARYLAND: auth transfer steamer 958 from PITTSBURG to replace 840	611-1
124 094	4/28	M. Is.	Reports installation of gasoline engines 2210 in motor sailing launch 1367	611-2
140018	11/11	CO	Alterations, jacking engines, etc.	280-8
Sur 15	4-13	To M. IS.	Davidson feed pumps in steamer 1071: appvs rec to sell. Y	
160263	7-9	Norfolk	2499 shipped for Fwd CO-- 4/13	611-2

MARYLAND: AUX. MOHY. 280 -- 11

Number.	Date.	From or To—	Subject.	
162442	8/3	C&R	40' steamer 1442 issued to replace 958	611-2
162442	8/4	To M Is via CO	Steamer 958 condemned; type M engine 1173 and Ward G-2 sq boiler 1978 assigned to issue	611-1
166891	9/10	M Is	Reports receipt of M engine 1173 and G-2 boiler 1978 ex-steamer 958 MARYLAND for survey	611-1
9161 1916				
176942	1/15	M Is	Steamer 1442: have installed engine 1060, Ward boiler 2109	611-1
181965	3/14	SOUTH DAKOTA	Transfers steamer 1440 and 1988 SOUTH DAKOTA to MARYLAND	611-1
182998	3/21	CO	New type 40' steamers; certain parts machinery differ from old type, making spares obsolete	611-3
183359	3/31	C&R	Transfers steamers 1440, 1988, 1259 between PITTS, MARYLAND, SOUTH DAKOTA	611-1
183350	3/31	C&R	Assigns motor boat 2859	611-2
184670	4/14	C&R	Transfer of boats with SOUTH DAKOTA	611-2
187051	5/6	Pug Sd	Reqd authority to assign sailing launch 744 to be fitted with engine	611-2

Number.	Date.	From or To—	Subject.	
45376	7/29	C.O.	Reqt repairs to engine of steam cutter	280--8
44995			Request to alter design of steering engine.D Twd C&R. Und r cog.of 8/1.	
50068	9/23 9/26	C.O. M.Is. 9400	Make differential valve for steering engine.Y Ref. C&R 10/4	
66242	4/6	M.Is.	Revised estimate for repair launch engine 837. Maryland	611--1
67279	4/26	To	Cutter 837. log shows numbers of boiler & engine transposed.	611--1
70761	5-26 5-39	CO M.Is	Reqt. repairs to condensers, engines, boilers, of boats. Y	
71019	6/5	M.Is.	BOATS: reports shipment Ward boiler 2042 to	611--1
75757	8/5	M.Is.	Reports receipt of Ward boiler G-2 sq # 1899 from the for survey	611--1
80646	10/21	To	Steam log lists Ward G-2 sq boiler 1899 installed in steamer 837. log's record shows #2042 in this boat and 1899 at M.Is.	611-1

1913

MARYLAND 280--11

Number.	Date.	From or To—	Subject.	
90928	2/13	M.Is.	Recommends gasoline engine 2099 now in store be assigned to launch 1233 in order to issue to:	611--2
93429	3/20	M.Is.	Engine 2099 installed in 1223	611--2
96098	4/29	Maryland (T)	Reports wreck of steam launch(No #)	611--1
96450	4/28	M.Is.	50-ft steamer 1071 assigned MARYLAND to replace 40-ft steamer 892. gives types of engines and boilers also,	611--1
97958	5/6	C.O.	Approves retaining 40' steamer 892, steamer 1071 to be regarded as replacing 837 lost	611--1
No #	6/26	To Png.Sd.	Class B Report No. 117: item 2 purports to cover engine of steamer 837, while number given is that of boiler: request information.Y	
104160	8/22	M.Is.	Reqt auth. to issue type CC 2157 to 36' sailing launch	611--2
104755	8-23	CO Fwd CO reconcile statement RE 11-15 to 9-30 To CO.request Reply 11/1	Reqt. authority to turn in condenser, engines, all pumps, not required on board since loss of steam launch.Y Ret -- Gives bu record 9-15	
104834	8/26	M.Is.	Reports installation of engine 2157, motor sailing launch 1223, removal of 2099	611--2

918

FREDERICK: CONDENSERS.

Number.	Date.	From or To--	Subject.
275082	1-14	Ports	& HUNTINGTON, main condensers, retubing of; submits estimate; gives quantity of material on hand available. 6- Not to be retubes until samples are on hand 1-21 To CO- all immediately samples of worst condenser tubes. Pending receipt tubes will not be with retubed. 1-21 CO Fwds sample condenser tube. 1-22 - Y To- Main condensers not to be retubed. 1-25
303993	5-6	To CO	Condition of main condensers - Desires further information re condition of. 5-6 Y CO - 5/2n - Y Fwd Ports, 6-3 RB 6-13

4-2381

Number.	Date.	From or To—	Subject.	
42360	6/21	C.O.	Re-tube main condensers	28C--10
✓ 43852	6/21 7/11	C.O. M.Is	6530 Rect. re-tubing and new tube sheets: Y Yrd Dept. Rec a.p.p. 7/18. RB 7 19 a.p.p. (T) to M.Is. Appd: 7/20.	
✓ 44761	7/28	M.Is	T Main: require new tube sheets and partial re-tubing: Y Yrd Dept. Recst. purchase 729 RB 7-41 a.p.p. (T) to Taunton. By 2nd ord 7/28. Recst price and time for furnishing. 7/29.	See below
✓ 44902	7/29	M.Is	T Circular condenser tube sheets can be installed \$500. Sheets can be secured here. Y	
44761	---	See above	(T) to M.Is. Bu will ex. edita tube sheets: \$915 if circular sheets can be installed. 7/29.	
✓ 44964	7/29	Taunton-New Bedford Copper Co.	Condenser tube sheets: quotes price. Can have ready for shipment 25 days from receipt of order. Yrd Dept. Recst. reqn. 74 to cover: rec shipment by last Fri. 7/31. Recst copy of corres. with SEA by mistake. 7/31 Ask. r ct. of order. 7/31. To Mass. directs inspection. 8/3.	
45215	7/31 8/2	M.Is Dept	T Seti ates 45 working days after delivery of tube sheets. Dept. directs work in shifts to reduce time; other work that can be completed during condenser repairs authorized. Y	
✓ 45520	8/14	Mass	Condenser tube sheets: recommends reduction in requirement of tensile strength.S	

MARYLAND: CONDENSERS: 280-12

Number.	Date.	From or To—		Subject.
✓ 46964	8/23	Mass	T	Condenser tube sheets: reports tensile strength, elongation and recommends accept. S (T) To Mass. Deficiency waived 8/23 (T) to Mass. if all four tube sheets have been shipped. 8/26.
47257	8/26	Mass	T	4 tube sheets shipped aug. 25. Y Ref. Dept. 8/26. RB 9-7 appd Ref. M.I.s. recent report by M.I.s. re: repair sheets are received. also for C.O. completion of work. 8/30. TO M.I.s. (T) Rept. inform. as to 9/18 RB 9-2
47437	8/24	M.I.s	8146	Completion of repairs dependent upon receipt of condenser tube sheets. Y
✓ 47788	8/23	M.I.s	810	Repairs to main condensers. Y. Ref. Dept. approved 9/5 RB 9-7 appd To M.I. approved 9/7
48898	9/18	M.I.s	T	Tube sheets for condensers arrived. Y Ref. Dept 9/19 RB 9-22
✓ 488912	9/19	M.I.s	T	Tube sheets received: probable date of completion Nov. 1st. Y Ref. Dept 9/20 RB 9-22 - ref. M.I. expedite 9/25 RB 10-9
✓ 50319	9/27	M.I.s		Condenser sheets: work progressing rapidly. Y
✓ 84593	11-27	Pac. Flt		1912 Report of accident to main condenser. Y
90415	1/8	C.O.		1913 Main & Auxy, submits estimates for repairs 280--8

FREDERICK

MARYLAND: HEAT: VENT REFRIG.

1915

Number.	Date.	From or To--	Subject.	
150700	3-26	Med & Surg	Ice machine: larger necessary: trouble experienced with ice machine and cold storage. Y	
227500	5/3	CO	Ice machine - reports on efficiency of after alterations and requests installation of thermometers - Y To--Disapprs. 5/15	
300584	4-13	CO	Reports on performance of ice cream freezers electrically driven and connected with the ice machine. Fwd C. 4-25	
471108	1/19	Y&D	Copy of shipment order covering hot air furnaces from Army Supply Base Norfolk to Phila for.	280-10
472289	1/26	M&S	Fwds sanitary report on PUEBLO & FREDERICK; D&Y	
507238	7:22	CO	Submits detailed comments on ice machine lubrication requesting authority to purchase Garboyle Arctic oil for D&Y	

FREDERICK

HEAT: VENT: & REFRIG. SYSTEMS.

Number.	Date.	From or To—	Subject.
✓ 44762	7/28	M. Is T	Recommends ice machine be discarded and machine for G.I.C.R. be installed. Y BB 7/28 Fwd Dept. Rec. disapproval. 7/28 (1) to -- disappd. See 44761-280-12. 7/29.
• 45137	8/2	M. Is T	Ice machine: states cannot reduce estimate and make satisfactory work; reqt. authority to proceed. Y (1) to -- Authorized. 8/3. Fwd Dept. Recst appr. 8/3. BB 8-8 appd
✓ 45690	7/19 7/29	C.O. M. Is 7250	Recommends blowers for evaporator room be moved to berth or gun deck. D Fwd C&R. Noted. 8/9.
✓ 45691	7/20 8/2	C.O. M. Is 7324	Reqd. authority to turn in old steam radiators. Y To M. Is. Appd. 8/8.
✓ 45871	7/31	M. Is 7260	Dense air ice machine: report of board of inspection; submits estimates for repairs. Y
✓ 51698	10/11	C.O.	Reqd. authority to turn in steam radiators discarded due to changes in blinks, etc. 1-10 Ret. -- Recst number proposed to remove, and reasons for so doing. 10/24. BB 10-10 To -- Appd. 11/27.
80891	3/26	C.O.	1912 Reqd. repairs to ice machine, etc
89461	1-16 1-29	C.O. M. Is 739	Repair cooling cool scuttle butt. Y

MARYLAND: HET:VENT: REFRIG. 280-13

1912

Number.	Date.	From or To—	Subject.	
✓ 90146	1-5 2-3 2-12	CO M.I.s C&R	Cold storage spaces; alterations in. D. (T) to M.I.s. auth. 2/17 see 90145-147-13 Ret C&R. 2/17.	
90415	1/8	C.O.	Submits estimates for repairs, ice machine/	280-8
91683	1-3 2/26	CO M.I.s	Overhaul lagging on insulating cold stor- age compartments. L Fwd C&R. 3/6.	
109954	10/22	C.O.	Reqt additional 3-ton ice machine.	280-8
110124	10/22	C.O.	Alterations, additional 3-ton ice machine	280-8
111434	11/14	C.O.	Reqt addition of 3 ton ice machine.	280-8
			1 C 1 4	
140018	11/11	CO	Reqt ice machine	280-8
140047	11/19	CO T	Time allowed for repairs insufficient for evaporator and refig room work	280-8

MEMORANDUM: SHASTING.

Number.	Date.	From or To—	Subject.
382625	1/2/19 1/4	CO Atl Cruiser	Lists report of work performed on shaft at Norf - Y
383694	1:2 1:4 1:9	CO At Cruiser Dept	Reqt. examine propeller nuts and blade bolts - remove shaft and examine etc Y Fwd Operations. 1-16
501152	6:17	Phila	Submits propeller report.Y Fwd Phila 6-24.RB-7;2-Y
530144	11-20	Phone to Phila	Reest one section of crank shaft listed be not shipped to West Coast cc 3 Phila - CO 11-20 To Phila Gives inform cc-C-20 Phila 11-20 Phone to Phila Gives instrns re shipmt of nat 11-20
532343	11:30	Norf	Confirms telephone conversation in connection with bare crankshaft sections and propeller blades to be placed on board.Y
534551	12/10	Norf	Requesting job order to secure two crankshaft and 4 propeller blades on board. Y

280-6

280-14-FREDERICK: PROPELLERS, SHIFTLING.

Number.	Date.	From or To—	Subject.
~~560295~~			
✓ 560295	4;26	S&A	Copy of letter to Dept stating spare propeller shafting etc fwded to Pug Sd.Y
✓ 561482	4;28	Pug Sd	Propeller report.Y
564522	4;11	Pug Sd	Submits estimates covering connecting
	5;17	Ord <u>V6+D</u>	Ford range converter to director firing system-1

FREDERICK
~~MARYLAND~~ PROPELLERS; SHAFTING.

1914

Number.	Date.	From or To--	Subject.	
137310	10/17	CO T	Reqt old propellers be shifted	623-15
138187	10-24	M. Is 11500	Reports installation of old blades: gives pitch. Y	
160670	7-15	M. Is T	1915 Propeller blades: reqt authority to use certain Nassau manganese bronze in store. Y To--(T) Was Nassau bronze delivered on warranty to prove satis when used in foundry: If so disappvd. 7/16 M. Is (T) replies 7-17 To--(T) Use Nassau bronze. 7/19	
217192	2-28	CO	1917 Recommends vessel take 2 spare propeller blades on board when sailing from Pug Sd. Y And Dept--C. concurs. C/GRB 3/12 To Pug Sd--Gives action. 3/12	
258386	11-3	To CO	Special engineering material shipped to Canal Zone/ Iwds lists.	147-14
260825	11-16	To SEA	Reqt ship 3 spare port and 3 starboard propellers blades from NY to Boston. Y	
288097	3-9	Ports.	Outboard bearings: states stern tube will not require rewooding. Y.	280-8.

FREDERICK: PROPELLERS: SHIFTING.

Number.	Date.	From or To—	Subject.
342622	7-3	To SAA	Just shift patterns Pg Sd to Phila. Y To Pg Sd Via SAA Rgt inform re receipt of above shipment, 8-3 Shipment order 7-2 back 10-4 SAA - 11/23
342621 Fwd SAA 10-28 Shipment	7-5 10-28	To SAA order 7-22 back 11-29	CO to SAA Rgt inform re shipment, 8-17. Phila. Oct. 23 CO requests composition tap bolts in end propeller blades be removed for replace- ment by steel bolts - 1 CO authorized to retain composition bolts 10-5
357017	8/1 8/13	CO Atl Cruiser	CO requests composition tap bolts in end propeller blades be removed for replace- ment by steel bolts - 1 CO authorized to retain composition bolts 10-5
358488	10/4	Ports T	CO requests composition tap bolts in end propeller blades be removed for replace- ment by steel bolts - 1 CO authorized to retain composition bolts 10-5
375298 Norf. reports on condition of pt prop. shaft 12:26 CO - this report of work performed - 3/2 Fwd Operations. 3-10 RB 3:12	12-6 12:26	Operations Norf. 12:26 Fwd Operations. 3-10 RB 3:12	Arrangements made to dock at Norf. to examine port propeller shaft Y To Norf. re condition of port propeller shaft, 12-7 Phone Norf. Re trusing of bearing sleeves. 12-20 Operations-CA - C & T Force- CO To Norf. Does not consider neces. to obtain new inboard coupling for 1/3/19 Submits detail report on conditions found on examination of port propeller shaft Y 1/6 Fwd's; contents noted
379719	12-18 12-21	CO Fred. Atl.	Submits detail report on conditions found on examination of port propeller shaft Y 1/6 Fwd's; contents noted

FILE No.	From or To— (Dated)	Subject
34589 3/7/24	Pug.Sd 778 C&R 18594	Estimate for minor repairs to Y Fwd Delf. Rec appr 3/25. R.B. and 3/30 to inset: appr 3/31. Ret C&R 3/31.
		1912
70707 5/29	M.Is.	Overhaul sea valves, examine propellers, etc 280--8
76807 6/28 7/29	CO Fac.Flt.	Re ports no spare propeller blades on board.Y
82170 9-18 10-28	CO M.Is 10097	Overhaul shaft propeller and stern tube.Y To--M.Is. auth. 11/12 Fwd C&R 11/12 RB 11-16
		1914
121328 3-27	M.Is 3170	Blades; reports one attd broken off at tip; spare on hand less diameter and pitch than those installed.Y To---approves action. 4/6.
✓ 132795m 8-10	CO	Rect docking and re-installation of propelling blades.Y Fwd C&R--Letter ref to not recd in Bu. 8/25 To-- Req copy of letter. 8/25
✓ 133983 9-2	M.Is 8992	Propeller blades; damaged; fws sketch showing areas repaired by burning process.Y To-- instructions. 9/17



FREDERICK

MARYLAND: PIPING SYSTEM

1011

Number.	Date.	From or To—	Subject.	
140018	11/11	CO	Renew air lines to compressors, distiller on circulating line, etc	280-8
			1915	
159579	6-23	CO	Install steam line from ice machine line to paint lockers for fire extinguishing purpose. Y Red Card-- For comment. 7/7	
		1918		
330014	7-19 7-23	CO Atl Cruiser	Request renew "T" in ash ejector lines. Y	
358676	10:3 12:13	CO Atl Jr	Rec. change point of entry to main condensers of main cylinders Y back Dec. 9 ports - fwd - 11/15 - Y engine cyl. lines to main condenser 12-13	
360006	10:11	CO	Install additional piping and radiator back Dec. 6	21

1912

2 ✓

Number.	Date.	From or To--	Subject.
81507	10-23	M. Is	Repair holes in stbd discharge piping. Y
✓ 81618	11-1	CO T	Report section exhaust piping split; asks new section be sent San Diego. Y (T) to M. Is. instructions. 11/4.
83063	11-14	M. Is 10617	Renew section aux. exhaust line. Y
✓ 83701	11-25	Dept	Report of board on rupture to main line ex auxiliary exhaust. Y Ret---11/30.
✓ 84040	11-30	Dept	Report of board of investigation on breaking of main auxiliary exhaust line. Y Ret---12/3.
84904	10-21 12-4	CO M. Is 11269	Repair overboard discharge pipe from aux. condenser. Y
✓ 87316	11/21 1/2	CO M. Is. 6	1912 Alter steam piping in lower dynamo room to bring reducing valves further away from dynamo engines. Y (T) to M. Is. appd. 1/13.
90591	2-9 2-10	CO M. Is 1769	Renew suction piping for flushing pump. Y To M. Is. appd. 3/21.

MARYLAND: PIPING SYSTEMS. 260---15

Number.	Date.	From or To—	Subject.	
91147	2/11 2/17	CO M. Is. 1971	Renew auxiliary suction line to feed pump under No. 10 boiler. Y	
92049	2-20	CO M. Is 2368	Install new section aux. steam line in evaporator room. Y	
92102	12-26 3-1	CO M. Is 2635	Fit flanges on aux. exhaust piping. Y	
92380	3-3 3-5	CO M. Is 2819	Repair suction piping. Y	
92724	1-20 3-7	CO M. Is 1000	Repair fresh water line to double bottom. Y	
93213	3-2 3-14	CO M. Is 2818	Re lag piping. Y	
96868	4/9 5/8	Ware Is. C&R 27896-E.24	Incidental piping work in connection with water heater in barber shop. Y Hwd- C&R- 5/12	
103907	8/10	C.O.	Alterations to piping.	260--8
120429	3-13	M. Is 2697	Alterations to fire and bilge pump. suction piping: Jws print: and est change in weight. Y M. Is (T) recd action 3-28 (T) to M. Is. appd. 5/30.	

FILE No.	From or To— (Dated)	Subject.
33081 2/27 2/28	C.O. Pug:sa	Repair aux. exhaust piping. Y
45273 7/27	C.O.	Reqt. grease extractor main feed line.D.
✓ 46624 8/18	M.Is T	Reqt. approval fo installation on grease extractors in hot well pump discharge line feed water heaters. Y Ref. Dept. approved 8/19. RB 8-21a'ppd (T) to M.I.s. authorized 8/18.
✓ 46926 8/16	C.O.	Reqt. repairs to dynamo and ice machine piping.Y
✓ 47094 8/24	C.O. T	Reqt. authority to pack steam piping and slip joints with Garlock. Y (T) to M.I.s. Garlock packing disappd. 8/25.
✓ 47310 7/27 8/14	C.O. M.Is 7706	Install grease extractor in hot well discharge line.Y Ref. GAR. 8/29.
✓ 47744 8/15 8/24	C.O. M.Is 8205	Repairs to steam piping for dynamo engine and ice machine.Y Ref. Dept. approved 9/5 RB 9-7a'ppd To M.I. approved 9/7
✓ 49327 8/15 9/12	M.Is C.O.	Repairs to steam and exhaust pipe to ice machine, etc.Y Ref. Dept. approved 9/2 RB 9-29a'ppd To M.I.s. Action confirmed. 9/30.

1912



100--17
FREDERICK
M. FLAND

COAL HANDLING & STORAGE - bunkers, trolleys, etc.

FILE No.	From or To— (Dated)	Subject	
28553 12/29	C.O.	COAL TESTS: fwds sample of Black diamond	623--2
32011 2/14	C.O.	COAL TEST: fwds sample of Occidental coal taken from coal being tested	623--2
33546 3/1	Maryland	COAL TEST: fwds sample of Black Diamond	623--2
		1912	
121605 4-17	CO	Coal: reqt cans for shipping samples to S&A. F TO -- fwds 4-20	
	1918		
312097 5-28	CO	Fwds package of coal with comments on difficulties experienced with. F To Norf. Fwd sample of coal, and rest comments on analysis of same, 5-6 Norf 5-15 To Norf, re quality of coal supplied 6-20 Norf - report of analysis of coal submitted 6/24 - 6/25 - F	



Number.	Date.	From or To--	Subject.
319663	5-22	Fleet	Recommend installation of oxy-acetylene cutting torch.
327144	6-17 7-1	CO Navigation	oxy-acetylene outfit to be submitted for approval to the Chief Engineer for to be used on the cutter on 7-6
350192	9/19	CO	Request authority to turn in oxy-acetylene outfit to the Chief Engineer for to be used on board, 9-20
372602	11-11	CO	CO 12:3 lathe received 10226
372212	11:20 11:24	Ports C&R	Submit shop alteration. submit plan estimates D&Y C&R req. ret. of brass. 12:10 To C&R Quotes comment included in SE 2nd endorsement 12-14

1920

FREDERICK: MACH TOOLS ETC..

Number.	Date.	From or To	Subject.
BO 931	1/19	Phila	Check cards-Mach Tools & C. L. B. - no record of reproduction 3 627-1
501169	8-23	To Comt Phila SEE 8	Material inspection- estimates for work under the cognizance of the Bureau. 1 copy CO
602061	1/4	MI 1922 (7)	Request removal of machine shop tools- subm to estimates- rec mach tools to be removed. to MI (7) do not remove machine tools from shop 1/6/22

Number.	Date.	From or To—	Subject.	
44987	7/25	C.O.	Repairs to motor lathes.Y Is. least part of work done. R 10-30	10/9.
51258	10/9 10/10	C.O. M.Ia 9298	Repairs to engine lathes.Y	
53636	10/9 10/10	C.O. M.Ia 9798	Speed gear for lathes.Y	
			1912	
83700	10-18 11-18	CO Pac.Fit	Foundry for: submits estimate and sketches of what is desired.D Fwd C&S location satisfactory.12/13. RB 2-25 Fwd Bert. 3/1. RB 3-5 To CO via M.Ia. Proposed installation disappd.3/8. Fwd C&S 3/8. RB 3-12 1912	
92067	2/21	C.O.	repairs.	280--8
109954	10/22	C.O.	Reqd additional ice machine, install foundry in blacksmith shop, etc	280--8
117747	2-9	CO	Ships foundry; reqd authority to turn in flasks.Y To---via M.Ia.authorized.2/17. MARYLAND: received 2-9 Fwd M.Ia 3-17 RB 41	

MARYLAND: MACHINE TOOLS. 280-18

Number.	Date.	From or To—	Subject.
✓ 120711;	3-14	CO	Rest authority to turn in hand drill press in excess of allowance and never used. Y To---via M.18. appd. 3/25.
			1917
✓ 246931	5/13	CO	Reports on repair facilities on board - Y
279341	1-18- 2-5	Norfolk SEA	Relative to supplying high-speed tools. Y. *wd SEA 2-14
		1918	
7 313098	5/9	CO	*request a power hack saw- Y
515006	7-10	CO	*requesting out to all equipment for machine tools - submit commands re necessity for. Y

[illegible]

Number.	Date.	From or To—	Subject.	
90084	1-24 2-4	CO M. Is 1166	Alterations to foundations bilge pumps.D (T) to M. Is. Work appd. 2/12. Fwd C.R. 2/12. RB 2-15	
90883	2-17	CO M. Is 1890	Install vertical simplex pump for use gas analysis testing outfit. Y	
90879	2/17	M. Is.	Submits estimate for repairs to pumps, etc	280—8
92273	11-6 3-5	CO M. Is 2749	Repair flushing pump. Y	
92376	1-21 2-5	CO M. Is 1011	Repair main air pump. Y	
93114	3-14	M. Is	Evaporator feed pump; install new Worthington; impracticable to repair old. Y	
109513	10-18	CO	Reqt. authority to turn in oil pump. R RB -- appvd 11-6	
109954	10/22	C.O.	Change auxy feed pump to a low duty ballast pump.	280—8
111434	11/14	C.O.	Reqt. and convert aux. feed pump in fire room to low duty ballast pump.	280—8

MARYLAND: PUMPS

280 -- 19

914

Number.	Date.	From or To—	Subject.
120429	3/13	M. Is.	Alterations to fire and bilge pump, suction piping; fwds print and est change in weight 280-15
122230	4-4	CO	Circulating pump for ice machine: reqt authority to turn in plunger not required. Y To---via M. Is. appd. 4/14.
167917	10-4	M. Is.	Reqt print of main feed pump. D
272672	12/16	CO	Replace two Hermes ejectors with double acting pumps. and Dept (Operations) - 1-12 P. B. 1/16 To- Dept disapproved alterations reqtd. 1-17
290408	3/18	CO	Request transfer of pump now in store Portsmouth to replace pump worn out. Y
302859	5-2	Phone Worf-	Replacement of sanitary pump-Bu stated that vessel would be doing alterations. Id state. would investigate and inform Bu. Y Co. Frederick reqts. authority of Bureau necessary material covering replacement of sanitary pumps. Y C & R - Power construction Ports. Y 6;10

280--19 FREDERICK
 MARYLAND: IUM.3: general

✓

FILE No.	From or To— (Dated)	Subject.	
35011 3/30	To Boston	& WEST VIRGINIA: etc. pumps for forced lubrication to be manufactured at.	477--19
✓ 37932 5/3 5/4	Blake Mfg. Co. Geo. F Mass 3385-21	Evaporator feed plant: reqt. defective analysis be waived. S Ret Mass. Auth. acceptance. 5/8 BB 5-26	
42191 6/6	Pug. Sd	CHATTANOOGA: rel to transfer of feed pump to Maryland, and replacement of	154--19
43232 7/11	To M. Is. T	& WEST VIRGINIA: Repairs limited to sixty days: Six small size pumps shipped in couple of days:	477-19
43232 7/10	Boat	& WEST VIRGINIA: pumps: small size ready in couple of days. remainder Aug. 1st	477--19
✓ 43687 7/15	TO M. Is	Forced lubrication: gives probable date of completion. Y	
✓ 50168 9/27	M. Is 9439	Evaporator feed pump: revised estimates. Y Adm. Sec. R. 10/6. BB 10-9 a'ncd To---Ap'd. 10/10.	
✓ 52266 10/25	Pug. Sd 871	Feed: diverted from CHATTANOOGA: explains job order made to cover. Y	

1912



MARYLAND: VALVES: GENERAL

Number.	Date.	From or To—	Subject.
366999	10-31	Portsmouth	March 20 to Oct. 31 Y
212752	12-33 12-33	TO Taitulla VOID 2-08-20	Taitulla on his report on present setting of boiler safety valve. Done

[illegible]

1921

Number.	Date.	From or To—	Subject.
Reqn 12	3:4	CO	Submits detailed report on condition of boiler feed stop and check valves—comments on necessity for renewing bodies.
	3:9	Pac Plt	
556608	4/12	To Pug Snd	Feed, check and stop valves—re Repairs of cc CO Y

Number.	Date.	From or To—	Subject.	
✓ 43856	7/11	M. Is 6605	Repairs to sea valves.Y To -- Apd. See 280-8. 5/11.	
✓ 49378	8/18 9/7	C.O. M. Is	Reqt. to be furnished with 10 bottom blow valves of Nolan or Simplex type. Y 1000 via. I. file room. on 9/29	
✓ 50169	9/27	M. Is 9440	Estimate for additional work in making steam traps.Y To -- 10/10.	
✓ 50440	9/19 9/22	C.O. M/Is.	Overhaul and test Leslie reducing.Y To -- 10/11.	
			1912	
✓ 66310	4-6	M. Is 3445	Repairs to flange cross stop valve.Y 1913	
90879	2/17	M. Is.	Submits estimate for repairs to valves, etc 280--9	
92542	2-21 3-6	CO M. Is 2410	Mfg. valve stems.Y	
96883	5/2	C.O.	Boiler safety valve settings, reqt auth to remain at 285-lbs.	280--10

MARYLAND: VALVES: 280-20

Number.	Date.	From or To—	Subject.	
✓ 103906	8-10 8-14	CO M. Ia	Install valve in steam line to evaporators. Y Fwd M. Ia. auth. at your discretion 9/5 B.P. 10-8 Fwd Dept. rec disappr. 10/9 B.E. 011 To M. Ia. disappd. 10/11.	
109954	10/22	O.O.	Reqs all Bu. type bottom blow valves be removed and install J. Nolan.	280-8
119076	3-27	CO	Recd pressure regulator valve on feed pump pipe. Y Fwd M. Ia. for est. and rec. 3/6. B.E. 7/25 [1] to M. Ia. installation authorized. 3/25	
137284	10-13	CO	Install Johnston Nolan bottom blow valve in lieu of Bureau design; latter continually in trouble. D Fwd M. Ia. -- for comment. 10/13 R.B. 12 Fwd Dept. -- Rec disappr. 11/14 R.B. 13 To M. Ia. via CO -- disappr. 11/19 R.B. 13	
269681	12-27	Department	Receiver valve seating relative to cntrt. correct settling	766
✓ 327710	7/21 8/3	CO Atl Cruiser	Request safety disks be provided to an and with chance of injury to engine room personnel while repairing and oil made under full head of steam - 1	

FREDERICK: ALLOW LISTS:

1920

Number.	Date.	From or To—	Subject.
481561	3-15	To CO	Fwds appvd allow lists. Y
482569	3:11	CO	Request allowance list be increased by one 12 inch reducing valve. Y To CO- Reqt disappvd 3-24
552985	3:16	CO	Request auth to turn in matl listed. Y To CO Gives instrns 4/1
567977	6:1	CO	Request motor tool spare part allowance To CO Fwds cc allow list 6/8
579422	8:1	CO	Annual inventory completed. Y

FREDERICK: ALLOWANCES.

Number.	Date.	From or To—	Subject.
216983	2-28	CO	Request additional money allotment.R To--(T)A.I.V's Rept 2000. 3/8 To SAA--Ruc spec allot 3500. 3/8
245813	7/8	CO	Asks under which title certain items to be carried P Fwd SAA--8/31
297104	4/15	To CO	Fwds SE Elec Allow. Instrns re revision of. LR To C O, Re S E Elec Allowance 7-22 To CO, re S E Elec Allowance, 8-6 CO to S. submits report on stentor phones To CO, re S E Elec Allowance 8-21 To CO, Approves Elec allow, 8-23
313096	5-28	CO	Request to C and to D allotments to increased. 21000 each. 2 Fwd SAA, 6-5 P L 6/6 And San 6-8
329100	1/20	CO	Copy of letter to Supply Officer authorizing expending 5,000 for boiler repairs, etc - R
353301	9/28	CO T	Request increase allotment One Thousand Dollars, due to overhauling by ship's force-Y Fwd SAA, 9-30 CO - (T) request action - 10/5 Fwds SAA, 10-8

FREDERICK: ALLOWANCES

1918

Number.	Date.	From or To--	Subject.
377872	12:11	P Sd	Copy of l. t. to Ports fwding allowance list RA
378985	12:19	CO	Tel. req. increase in allotment \$3,000 to expedite neq. work RA Fwd S&A- 12-21
378210	1-8	To CO	Fwds allowance book-
415753	5-3	To CO	Fwds allo lists. Ya to Ports. ditto. 5-3 To Ports- fws allow lists 5-5 To Frederick fws lists 5-5 Portsmouth 5/7 CO 5:14
418278	5-15	To CO	Fwds revised allow book. Ya
473797	2/4	To CO ¹⁹²⁰	See info. in conn with expenditure of allotment. CO-2:10 Fwd S&A. 2-14 RB-3:12

FREDERICK
MARYLAND: ALLOWANCES & LISTS.

1914

Number.	Date.	From or To--	Subject.
125304	5/19	CO	Requests \$800 balance current quarter.R Fwd Dept. rec 5/20.
130282	7-3	CO	Fwds list.R.
	To Via M.Is--Add to. 5/19		To--changed as changed. 8/15
	To-- Changes 10/14		CO rect copy of reference 9-2
	To-- Appvs with changes. 4/7		To-- Fwds. 9/25, 0 changes recom 9-10
132144	7-27	CO	Lists present allowance of fana and rect inc. R
			To M.Is. addition. 8/15, 15 B 2
140237	11-13	CO	Rect. errors for muna. R
			To--Not considered advisable. 12/1
141181	11/5	CO	Fwds revised allowance list.R
141489	12-2	CO	Rect authority to turn in platform scales. R
			To--Appvs. 12/9
141837	12-10	CO	Rect. increase in allotment. R
			Fwd Dept-- Rec appvl. 12/11
			Fwd S&A-- 12/15
147563	1-30	CO	Rect authority to turn in deck lanterns.R
			To--disappvs; retain on board. 2/23
149315	2-25	CO	Rect authority to turn in certain elec stores. R
			To Via M.Is--Auth turn in certain items. 3/12

1915
1914

MARYLAND: ALLOWANCES. 280-21

Number.	Date.	From or To--	Subject.
153081	4-9	CO	Reqt authority to turn in excess stock.R To-- Granted. 4/23
163393	8-12 8-13	CO Dept T	Reqt additional money allotment.R Fwd Dept 8/14 RB enclosing copy of cablegram covering 8/16 Ref. Dept. vacoms. addl. 8-14 Fwd C&R 8/17
165589	9-6	CO	States special money allotments: list of material for which spent.
173218	12-41- 12-6	CO Dept	Reqt continuation of full allotment all Depts to end of current quarter. R Fwd Dept. Vac full allotment. 12/8 RB 12/10 Fwd S&A via C&R-- 12/10
179034	2-7	CO	Reqt metal metal bars be added to allowance.R To-- Additions to 2/17
188255	3-15 5-17	Pac Flt Dept	Reports on status of ship in connection with money allotment. R Fwd S&A via C&R--Nav-Ord--Noted: 5/19
201234	9 10-12	CO	Request authority to turn in 3 way cocks.R To--Authorized. 10/6
206176	11/23	To CO	Gives addition to SE Allow list. RL

Number.	Date.	From or To—	Subject.
✓ 35303	7/28	C.O.	Reqt authority to turn in spare parts for generating sets. R to M. Is. should be surveyed. 8/4.
✓ 51740	10/13	C.O.	Spare parts for forced lubrication; reqt. be added. R to M. Is. additions made. 11/4. 1912 1913
87067	12/27 1/5	CO Dept.	Requests material used for repairs be not charged against allotment. R Fwd Ord. 1/11. R.B. 30 Ret Dept. 1/31. R.B. 2-2 Fwd CO. 2/3.
87172	12/27 1/5	CO Dept.	Requests material used on Title "D" job orders be not charged against allotment. R Fwd 32A. Rec be disappd. 1/11. R.B. 2-2 Fwd 32A. 3/1.
No 4	2/13	To M. Is.	Survey 230; instructions re repairs to sculpture. Y
91705	2-27	CO	Reqt increase in money allotment Mch quarter. R Fwd Dept. rec app. 3/6. R.B. 3-10 (1) to M. Is for Ed. authorized. 3/11.

MARYLAND: ALL/WANCE 280-21

Number.	Date.	From or To—	Subject.
92727	3-10	CO	Reqt. new R. To-val M.Is. being revised 3/26
95010	3-28 4-10	CO Dept	Reports excessive material used on title D repairs and asks money allowance be credited.R Fwd R- TO CO some under S&A 4-24. RB 5-18 Fwd S&A 4-24. RB 5-18 Fwd S&A.5/7. Dpt Fwd S&A.5/209
98412	5/26	S&A 401-167	Submits list of stores issued during last 12 months and suggests that allowance lists be amended to meet same.R
106159	9-13	M.Is	Have no copy of allowance list.R
112377	12-17	CO	Reqt. Beard. Deputy Masant safety lamps D added to. R To---val M.Is. instructions. 12/12.
116783	1-20	M.Is 1089	& ROCKET: asks where lists are.R
118973	3-3	CO T	Reqt supplementary allotment \$600 for main quarter.R Fwd Rept.rec appr.3/4 To---appd.3/7 Fwd S&A.3/7 RB 4-1
119320	3-7 3/7	CO To CO T	Reqt additional \$600 Addtl.allotment \$600 authorized.R
122840	4-14	CO	Reqt authority to turn in steam gages and strike from title R allowance.R Fwd---for further information 4/21

HB-0120

Number.	Date.	From or To—	Subject.
527861	11/1	CO	Quarter ending 9/30 Y
548302	2;21	Phila	11;24;19 to 7;17;20.Y
548622	2;1	CO	Quarter ending Dec 31st.Y
557616	4;1	CO VESTAL	Quarter ending 3;31.Y
559863	4;20	Pug 3d VOID	Request VanDykes of machy plans be furnished.D
559858	4;1	CO	Quarter ending 313k.Y
560673	4;29	Phila	10;13;20 to 12;1;20.Y
575637	7/1	CO	Quarter ending 6/30 Y
592456	10/1	CO	Quarter ending 9/30 Y
604750	1;1	CO VESTAL	Quarter ending Dec 31st.Y

FREDERICK: RECORD OF WORK.

1918

Number.	Date.	From or To—	Subject.
✓ 415937	5-1	CCO	Quarter ending 3/31 - Y CO - 4/17 (Cancel 5/7) To- Fwd 1/4 report of work afloat. 5-15 RB 7:1
420457	5-20	W&A Fletcher	5-2 to 5-12
✓ 421024	5-1	Portsmouth	3/20/18 to 10/21/18 - Y
✓ 427969	6-20	W & A Fletcher	6/3 to 6/10. Y
432125	7-1	CO	Quarter ending 6/30 Y
438106	8:1	Ports	10-31-18 to 7-30-19 Y
✓ 438633	8:1	Ports	10-31-18 to 7-30-19 Y
✓ 452376	10-1	CO	Quarter ending 9/30. Y

Number.	Date.	From or To	Subject.
✓ 452737	10-1	Washington	Quarter ending 9-30. Y 1920
459471	11:1	Morse DD C _A	6-3 to 7-13.Y
470408	1:1	CO	Quarter ending December 31st.Y
476801	2/1	Norf	12/9/18 to 12/31/18 - Y
✓ 487873	4/1	CO	Quarter ending 3/31 - Y
491659	8/1	Ports	10/31/18 to 7/30/19 - Y
491995	5:1	Ports	7/30/19 to 11/22/19.Y
512702	8/1	CO	Quarter ending 8/30 Y
526625	10:26	Ports	11/22/19 to 5/1/20 ^U /Y

FREDERICK: RECORD OF WORK

1916

✓ 2

Number.	Date.	From or To—	Subject.	
306238	5-9	CO	STOCKTON - for week ending December 10th.	Y
336256	10-16	CO	Quarter ending June 30th.	
✓ 347104	9/4	Ports	2/22 to 3/20 - Y	
351757	9-15	Ports	2-25 to March 20	Y
352177		CO	Quarter ending Sept. 30	Y
386470	1:1	Norf	12-9-18 to 12-31-18	Y

1918

FREDERICK: RECORD OF WORK

Number.	Date.	From or To--	Subject.
390256	1;1	CO	Qtr. ending 12;31;18 Y
393747	2;8	Army Piers Hoboken	1;30 to 2;6;19 Y
✓ 402757	3;1	Hoboken	2;3;19 to 3;10;19 Y
✓ 404835	3;15	T&L DD Co	3-3-19 to 3-10-19 Y
✓ 407741	3;1	Ports	3-20-18 to 10-31-18 Y
✓ 414251	4-15	CO	1-3-18 to 1-8-18 Y
✓ 414758	4;15	Hoboken	4-4-19 to 4-11-19 Y

FREDERICK
MARYLAND: RECORD OF WORK

1913

Number.	Date.	From or To—	Subject.
✓ 105800	9-11	M. Is	Mch 18 to Aug. 24. Y
✓ 111443	11-23	M. Is	Mch 18 to Aug 24. Y
		1914	
126917	6/2	Maro Is.	Aug. 24 to Apr. 23. Y
✓ 127945	6/15	Maro Is.	Aug. 24 to Apr. 23. Y
182422	3-15	M. Is	Sept 24 to Mar 1
		1917	
✓ 232272	5/26	P Snd	Apr 30/16 to Apr 30/17 Y
✓ 235770	5/26	P Snd	Quarter ending June 30th Y
245032	--	CO	Quarter ending June 30th Y

FREDERICK: RECORD OF WORK/ 280 - 25

Number.	Date.	From or To-	Subject.
261095	--	CO	Quarter ending Sept 30th - Y
✓ 275536	1-18	NY	1-3 - 1-8
275658	2	CO	Quarter ending Dec. 31. Y
		1918	
299141	4/17	Ports	2/22 to 3/25 - Y Ports - submits estimate - 1/28
300425	4-15	CO	Quarter ending March 31st. Y
305222	5-1	Puget Sound	July 11 to Dec 22nd.

Number.	Date.	From or To--	Subject.
592483	10/19	CO 3/22	Gauge Y
592483	10/19	CO 3/22	Gauge Y
592483	10/19	CO 3/22	Gauge Y
	To CO- Gives Action 12/8		Fwd Sept 11/19 RB 11/26 Y
			CO 11/29 Y
597571	11/22	6/22	Cleaners Y
602602	12/23	MERCY 7/22	Bulbs Y
		1922	
609355	2/1	9/22	Amplifier Y
			To CC - returns survey 7/8 RB 3/30 from
			CO CONN W
609665	1/24	CO 5/22	vanblerck engine block and connecting rod. Y

Number.	Date.	From or To—	Subject.
551161	2/20	FREDERICK 14/21	Propeller Y
55 0956	2/20	CO 13/21	Manifold, Timer, Blocks Y
550957	2/20	CO 12/21	Battery Y
551237	3/7	CO 15/21	Propeller Y
552481	3/12	FREDERICK 12/21	Batteries Y
553729	3/21	PS 29/21	Block, Y
553695	3/21	PS/21 17/21	Armature, Pistol rod Y
553694	3/21	PS 26/21	Armature, Y
553696	3/21	PS 18/21	Soldering iron Y
554077	3/22	PS 26/21	Voltmeter, Fan Y
554078	3/22	PS 34/21	Thermometer, Telephones Y
554079	3/22	PS 33/21	Brasses, Rod, Lantern Y
554081	3/22	PS 35/21	Battery Y

280-27

N. Eng. 134

FREDERICK: SURVEYS

1921

Number.	Date.	From or To—	Subject.
553914	3/22	PS 24/21	Thermometer Y
553912	3/22	PS 27/21	Valve, Plungers, Gauge Y
553911	3/22	PS 31/21	Gauge, Drilling machine Y
553916	3/22	PS 19/21	Valve, Piston, Rod Y
553910	3/22	PS 30/21	Piston Y
553909	3/22	PS 25/21	Head, Rods Y
553908	3/22	PS 32/21	Clutch, Brasses, Carburetor Y
553913	3/22	PS 20/21	To CO-4; 9-1 Rod, Eccentric Y
554677	3/25	PS 36/21	Machine valve, Y
554678	3/26	PS 23/21	Gauge, Valves Y
530556	4/1	To Atl Fleet	Missing elec material; Survey appvd. L
558819	4/15	PS 37/21	Klaxton Y
587438	9/17	CO 4/22	Register, hand, talley. Y
590538	10/4	2-22	Governors Y

1820

FREDERICK, SURVEYS:

Number.	Date.	From or To—	Subject.
481161	3:9	CO 11/20	Cease firing gongs.Y
482502	3:19	Washn 35	Buckets.Y <i>if you - 1/2 - 1</i>
483231	3:15	Phila 10/20	Various material.Y
483501	3:18	Phila 9/20	Various material.Y TO PHILA - Advise serial number of engine. 4-9 RE-4:22Y
485953	3:26	CO 12/30	Motor boat air whistle.Y
497742	5/28	FREDERICK 14/20	Lanterns, Thermometer, Chain fall. Y
499639	6:10	Phila 18/20	Telephones.Y
500349	6:14	Phila 17/20	Steam guage.Y
501008	6:18	Phila 16/20	Gauges.Y
503959	6:29	Phila 20/20	Anvil.Y
503958	6:29	Phila 19/20	Gauges.Y

FREDERICK SURVEY

Number.	Date.	From or To—	Subject.
512705	7/16	Phila. 2/21	Welding set, torch. Y
512704	8/4	CO. 3/21	Rubber hose Y
512738	8/12	Phila 1/21	Breast Drill Y
527945	11;1	Phila 4/21	Fans and ventilating sets.Y
528360	11;3	Phila 7/21	Block, buckets, magneto.Y
528362	11;3	Phila 5;21	Thermometers.Y
529039	11/2	Phila 6/21	Vise, Valve- Y
529653	11;11	Phila 9;21	Radio apparatus.Y
530030	11;16	Phila 8/21	Hose, whistle and brasses.Y
530556	11;16	Phila 5;21	Various items.Y
530555	11;5	Phila 4;21	Various items.Y
530959	11;17	Phila 10;21	Blacksmith forge.Y

NIAGARA: TENDER FOR SUBS.

1913

Number.	Date.	From or To--	Subject.
88923	1-27	New London S&E Co	Relative to changes in specs., particularly
	1-29	[C.S. McNeir] Dept 28198-E.50	in regard to feed pumps and running lights. N
89659	2/7	To New London	Fwds contract plans of main engine, and deck and hold plan and machy arrangement. N
89759	2-8	C&R 27735-E.8	Contract plans: req. D. To---Fwds. 2/11.
89937	2-8	New London 193	Contract plans and specs. Req. Bureau SE expedite instructions. N. To---Fwds specs. 2/13. To FR. & Groton. Fwds copies of specs. 3/13. N.L. req. additional 3-19 To---fwd 6 copies. 5/21.
90598	2-17	Navgn	CHANGED TO FULTON: Destroyer tender named MELVILLE; Submarine tender BUSHNELL. N To---Groton- quotes 2/27 FR do 2/27
91241	2/26	New London 285-13	U.S. Espes has been appointed representa- tive at Cape River S.B. Co. N
92564	3/15	To Gen Inspr.	Forwards copy specifications for building Hull and Machinery. N
92618	3-18	New London 3788	Contract: req. copy. N To---Fwds copies. 3/20.

FULTON:

498--1

Number.	Date.	From or To--	Subject.
93586	3/25	Norfolk	Request copy of machy specfns.D To---Fwds copy.3/29.
95223	4/16	FR	Monthly report.N
107633	10-5	Seattle 258	Reqt. copy of specns. D To---Will be fur. when printed. 10/13 To---Fwds spec'ns. 1/29.
107694	10-11	FR	Reqt. additional copies.D
538572	1-5	Phila	Request machy and elec specns.D To Mr Phila J was cc of specns 1/10/21 Phila-1-11-D

NIAGARA: TENDER FOR SUBS.

1912

Number.	Date.	From or To--	Subject.
70992	6-11	Solicitor 28798-37	Form of contract; fws for comment. N Ret---6/15.
✓ 72051	6-24	Solicitor 28198-39	Copy of contract dated June 19th with New London Ship and Engine Co. D-N To New London, fws copy of contract. 6/27. To Gen. Insp. r. fws copy. 6/27. To FR. fws copy. 7/2.
72429	6-29	New London 6031	Reqt. American Bu. Shipping specna. and rules. N To--- fws copies. 7/2.
✓ 73804	7/18	New London Ship & Eng. Co.	Electric equipment; requests change voltage of lighting auxiliary power circuits to 220 volts in lieu of 110 volts. D From Co. 7/29 (T). Reest telegraphic action. D To Groton, not appd. 7/29
75812	8/14	New London 784	Specifications; requests copy. N To--- will be furnished when printed. 8/19.
✓ 76345	8/10 8/14	New London Co. Dept. 28198-40	Contractors fwd new contract plans and specifications to be appended to contract. Calls particular attention to proposed change in ice machine. D
	8/23	New London	States Bu's specna. covering principal characteristics of high-grade cast iron are in error; requests be altered. D Ref Dept. Gives understanding on ice machine to be installed 8/22. R B 8-27 Fwd Dept. 10-18

NIAGARA: TENDER FOR SUBS: 498-1

Number.	Date.	From or To--	Subject.
77867	9-11	New London S&D Co	Contract plans: enters protest against Bureau's filing relative to refrigerating machinery. N. IO -- directs plans be forwarded covering ice machine furnished by Carbonic Mach. Co. 9-14
78297	9-17	New London S&E Co	Specns: reqt. ice machine be referred to as Wisconsin Ice Mach. Co. type of equal to. Under-stand Carbonic Mch. identical with Wisconsin Co. D
79937	10-3 10-10	New London S&E Co C&R 27735-E.3	Changes in contract plans and specns: states Bureau's failure to act may cause delay. N. Fwd Dept. 10/14. C&R reqt. return. 11-6 Fwd Dept. 11/7.
83726	11-27	FR 3326	Reqd. copy. D To---will be fwded when appd. 11/29.
83857	11-13 11-19	New London Ship & Eng 28198-45, Dept	Contractors protest against additional changes in contract plans and specns. N. Fwd Dept. reqst copy of plans and specns when completed and corrected. 12/11. New London S&E Co. reqt. action 12-4 Fwd Dept. 12/17.
87908	1-16 1-18	New London S&E Co Dept 28198-48	Fwds specns. plans corrected to meet corrections and revisions under contract. D. Ret Dept. specns have been revised. 1/22. R.B. 2-4
88849	1-18 1-28	Dept 28198-48 C&R 27735-E.2	Fwds revised specification. D. Fwd. Dept. 1/30

NIAGARA TENDER FOR SUBS.

1912

Number.	Date.	From or To—	Subject.
62220	2-23	Ulrich, A.	Asks that effort be made to obtain larger appro. as present one will not allow installation of Junkers engine; at least type internal combustion engine yet developed. D To---Amount available established by law. 2/28.
62542	2-12 2-27	2nd Sub. Div C&R 25993-E.64	Suggestions for design of. D Ret C&R Noted. 3/1.
62808	3-5	Solicitor 28198-21-1	Form of contract: fwds printers proof of contract. D Ret-----Satisfactory as mod. 3/6.
62874	3/6	To Dept. J	CIRCULAR: Re difference of opinion as to meaning of requirements under headings Class 1 and Class 2. Bns request authority to inform prospective bidders in content of the circular. 3/8. 3-12 Fwd C&R. 3/14.
63069	3-8	Solicitor 28198-21-1	Fwds proposal and contract form for comment. D
/ 63241	3-9	FR Co	Rect. date of opening of bids be postponed until Apr. 30. D Fwd Dept. via C&R Rec date of opening be postponed. 3/11. RB 3-11 Fwds duplicate. C&R 3-11 Fwd Dept. 3/12. RB 3-15 Fwd C&R. 3/16.
/ 63489	3-9 3-12	New London Ship Co C&R 27772-E.6	Unable to submit bid on vessel called for within amount specified: will submit design for cheaper ship and rect. bid. opening of. be postponed until Apr. 30. D Fwd Dept. via Solicitor. 3/14. RB 3-14 Ret C&R. noted. 3/16.

NIAGARA: 498-1

Number.	Date.	From or To--	Subject.
✓ 63830	3-16	Ulrich, A.	Fwds copies of telegrams between W and Prof. Junkers relative to furnishing engines for: regrets company will not bid due to small allotment. D To---Ack. 3/18.
✓ 67496	4-27	Solicitor 28098-30	Bids will be opened Tuesday, 30th inst. 12:00 Noon; rect. represents Ivo. C
67689	4-30 4-30	Solicitor Dept 28198-31	Summary of bids. One only. D Ret Dept via C&R. 5/27.
68250	5/8	To Dept. Joint	Proposal; recommendations. R.R.B. 24 and Fwd C&R. Will proceed with BELOW redesign. 5/25.
68988	5-13 5-16	New London Ship & Eng Dept 28198-33	Dept fws letter from New London Ship Co. to proposal for re-designing. 5-23. Fwd Dept. 5/28 R.B. 6-4 Reqt. opportunity to discuss proposal before rejection. D Ret Dept. Bu prepared to discuss. 5/22.
68250		SEE ABOVE	Proposal. Fwd C&R. 6/4.
70491	6/5	New London Ship & Eng. Co.	Fwds prints and specifications covering modified design. D
70602	6-7	New London Ship & Eng.	Offers to amend bid covering boilers and air compressor, ice mach. no. D (M) Recommendations. 6/8.

Number.	Date.	From or To—	Subject.
✓ 55117	12/4	To Ord	Plans showing arr. of machy and workshop, foundry and blacksmith shop, have been delivered to representative, and recd info whether satisfactory to that Bu. D Ord. 12/9 Machy space and workshop satisfactory. D
✓ 55219	12/4	To C'R	Prints showing arrangement of machy, workshop and foundry del. to rep. of Bu; recd information if satisfactory. D
/ 55778	12/11	To C&R	Circular of requirements, S.E. and elec. plant, delivered to representative of Bu. for incorporation in circular for bidders. D
56075	12/13	C&R 27571-E.19	Fwds draft of circular defining chief characteristics. D To--Makes rec. re changes desired. 12/14.
✓ 56763	12/20	Solicitor 28198-E	Chief characteristics: fwds 10 copies of circulars. D To--Ack. 12/23.
* 56757	12/21	C&R 27571-E.27	Fwds list of prospective bidders. D C&R 12/26 Adds United Engrg Works. D C&R 12/27 Adds Moran. D NM 1/13
56847	12/22	C&R 25993-E.57	States have embodied plans covering machinery, workshop, foundry, etc., in plans submitted bidders, and submits prints of type plans of amidship sections, deck plans, etc. D To--Plans satisfactory. 12/23.

NIAGARA: TENDER FOR SUBMARINES: 1912. 498--1

Number.	Date.	From or To—	Subject.
✓ 56894	12/23	C&R 27571-E.22	Circular defining chief characteristics; Fwds copies of printed circular Serial Numbers 15 to 20.D
			1912
57775	1/5	To C&R	Request for prints showing decks and sec- tions of: 1/5. Type plans: Fwds. C&R 27735-E.1 L
✓ 58102	1/9	Bush, Sulzer Diesel Co	Reqt. circular of requirements, weight of engines and gen sets. To---suggests communication with prospec- tive bidders--gives list of. 1/11.
✓ 58361	1/10	FR	Reqt. date of opening of bids be postponed until Mar. 20.D Fwd Dept. via C&R and Solicitor; Rec data for opening bids be postponed to Mar. 20th. 1/12. AL - 18
✓ 59785	1/26	Bush, Sulzer Bros Diesel	Relative to supplying engine; asks for authority to construct at works at Winthur. N Fwd Dept. Rec purchase of material abroad be permitted. 1/29. To---Quotes Solicitor's endorsement. 2/6.
✓ 59901	1/29	Griscom Spencer Co	Specs. reqt. loan of D To---Fwds extracts from specs. 1/30.
✓ 60935	2/10	To FIRMS	Bidders' data forwarded.
✓ 61467	2-16	Solicitor 21198-19-1	Formal proposal; fwds proof for comment. D Ret---Satisfactory as specified. 2/23.

Number.	Date.	From or To—	Subject.
✓ 45887	8/10	C&R	Impossible to allot machinery spaces as required by Bureau owing to size of vessel; rect. other plans be submitted. D To---In agreed tentative plan for twin screw scheme; ask's re machy spaces. 8/10.
46895	8/22	C&R 25993-E.23	Appears probable can allot space wanted for machinery; will advise further on receipt of estimates of weight and center of gravity. D
✓ 47861	9/5	TO C&R	Fwds estimated weights and center of gravity. D
48956	9/18	MARINE REVIEW	Reqt. confirmation of report that proposals are to be asked. D To - will equip with oil engines 9/20
✓ 49017	9/19	C&R 25993-E.25	Asks what amount of fuel oil will be required for giving radius of 3,000 miles. D To C&R - 25993-Lena 9/20
52906	11/7	C&R 25993-E.28	Submits designs of. D
52997	11/7	To C&R and Ord.	Requests to be informed what machinery under Bureau of. to be driven by steam. D BLANKIN Fwd Ord. Noted. 11/15.
✓ 53019	11/2	Gas Power Mfg. Co	Asks if Bureau is contemplating construction of one with producer gas plant. D To---Heavy oil engines to be used. 11/9.

TENDER FOR SUBMARINES: 498-1

Number.	Date.	From or To—	Subject.
✓ 53384	11/11	C&R 25993-E.30	Fwds prints showing machinery a cons. D To--Del. to representative of C&R. 11/23.
/ 53532	11/14	C&R 25993-E.33	Fwds prints showing proposed allotment of spaces for work shop, foundry, etc. D
✓ 53553	11/14	C&R 25993-E.38	Reqt. estimated weights for elec. outfit. D-L To--Fwds. 11/24. To--Fwds weight sheet for machy. 12/6.
✓ 53580	11/15	C&R 25993-E.31	Gives list of steam auxiliaries. D
✓ 53649	11/15	C&R 24993-40	Reqt. copy of searchlight drawings. L To--30 has no drawings of 155; design subject to appr. of plans. 11/20: C&R 11/22 reast copy of plan referred to. L To--Fwds copy of plan. 11/25.
✓ 54133	11/21	Navgn	Authorized Mch. 4, 1911; named NIAGARA. D
54790	11/28	C&R. 25993-E.47	Re arapt for carrying fresh water and electrolyte storage batteries. D To--Satisfactory. 12/2.
54869	11/29	C&R 28993-E.50	Re provisions for wireless telegraph room in contract plans. F To--Satisfactory. 12/2.
55180	12/4	PR Co.	Requests all information available re propeller machinery. D To--Not available at present, but will be forwarded. 12/6.

FULTON: TRIALS.

Number.	Date.	From or To—	Subject.
207252	12-4	Bd I&S MAUMEE	Request FULTON RORn to trial board instrus. 556-2
✓ 250366	9/20	Inspr N Lond	Fwds bills covering finished plans.K Fwd- 10-2 --RB--11/1.
✓ 463486	12;13	N London Sub Base	FULTON quarterly report of repairs.A&Y
✓ 490903	4;29	N London Sub Base	Submits quarterly report of work performed.A&Y
✓ 504249	7;6	N London Sub Base	Submits quarterly report of work-quarter ending June 30th.Y
✓ 514195	8/27	Phila	Request trial data booklets. D. Fwd Bd I&S : Trial Data Booklets rqstd 8-30 D.
✓ 532836	12;2	CO	Not sufficient data on hand to submit performance curves.N

FULTON: TRIALS.

Number.	Date.	From or To—	Subject.
✓ 155338	5/17	Dept	Final trial: fwds copy of order to Board.N
157189	6-8	PR	Monthly report
158586	6-18	Bd I&S	Final trial: fwds report.N To Groton--Fwds copy report for comment. 6/23 New London contrs comments 7-16 To Groton-- 8/4 To NY--Fwds copy above letter. 8/4
158911	6-22	Dept NY 7/29 NY--(R) Reqt action battery charging board. 8/4 To NY--Directs shunts of 1000 ampere capacity be obtained. 8/4	Report of board of final trial.N To NY--Gives action on. 6/28 To CO & Atl Sub Flg--Fwds copy above. 6/28 To Groton--Ditto: 6/28 Fwd C&R--Prepared make joint rec for final acceptance. 6/28 NY estimates for alterations 7-14 NY Reqt action. 7/24 To NY--(R) Appvs removal oil tanks. 7/26
159367	6-30	C&R	Final trial: fwds b/p copy.N To--Re installation of voice tubes. 7/3
✓ 159434	6-24	Dept	Final trial: comments show unslutable for us as Submarine tender; Dept directs comments with view of suggestions for future tenders.D Cross to Sub tenders.D Retd via Ord--Comments on. 7/3 To C&R--Fwds copy above. 7/3
160123	7-6	NY	Final trial: estimate for work recommended.N
✓ 160676	7-13 7-15	CO Dept	Post trial examination: relative to main engine air compressor cooling pipes, etc. v Fwd Groton--Take up with contr's. 7/22. RB 9/16

FULTON; TRIALS. 498 — 2

Number.	Date.	From or To—	Subject.	
162740	8/6	To Dept	Reqt future engineer of vessel be detailed while ship is undergoing repairs at NY	632
163810	8/18	New London	Fwds contractor's comments on official trial; report in connection with work for which they are held responsible. N	
✓ 168650	10-16	To--(notes NY action. 12/2 TO C&R recom final settlements 6-2 To Dept. (J) Rec for final settlement 9/21 10-16 Soc. Nav Engrs	To--List reservations to be made. 11/6 New London fws contrs' acceptance of charges. 11/7 To NY--Reqt further data on item 6-1/23. 11/19 NY gives history of NY work clutch 11-26 Description of Trials of FULTON by Lt. C.M. Binkamp; reqt authority to publish. Fwd "Nav Intel--no objection 10/20	11/17
169115	10-22	New London	Fwds contractors request for final settlement. N To NY--report actual cost of work done. 10/25 NY reports cost 10-30 To C&R--Prepared to rec payment. 11/3	
172018	11/22	C&R	EHP curve	623-I
173534	12-10	Fwd Dept. JOINT	"Ad interim" payment; recommendations. N RB 12/17 Fwd C&R-- 12/18	
174629	12/23	Dept	VOID	
200388	929	Dept	Directs final acceptance and settlement. N Fwd C&R-- 9/28	
✓ 200450	9-25	Solicitor	Finally accepted Sept 25. N	

FULTON: TRIALS.

1914

Number.	Date.	From or To--	Subject.
141305	12-5	Solicitor	Delivered Bost Dec 2; prelim accepted same date.N
141379	12-5	FR	Monthly report.N.
141383	12-2 12-5	New London FR	Prelim trial: Fwds contractors comments N To Via FR-- Appvs recommendations. 12/8
141902	12-12	To Dept. (JOINT)	Preliminary acceptance and settlement; submits report on.
142234	12-16	C&R	Fwds data on trial trip report.N
142477	12-17 12-19	Bost Dept	Can complete necessary work by Jan 20. with certain exceptions. N Fwd Dept-- Comments. 12/19 Fwd C&R V8a Ord-- Noted. 12/23
142632	12-19	Solicitor	Prelim accepted Dec 2.N.
✓ 142650	12-14 12-21	Dept C&R	D recto prelim acceptance and settlement. N Fwd C&R--Vouchers appvd. 12/22
143802	12-30	New London	Bills covering changes in cost.X
144005	1-6	FR	Monthly report.N

1915

FULTON: TRIALS. 498-2

Number.	Date.	From or To—	Subject.	
144597	1-15	Dept	Reqt comment and recommendation as to engineer requirements considered desirable in connection with new type of machy; in connection with issuing movement orders, R. Fwd Dept--Comments. 1/18	
145812	1/26	NY	Trial board instruments for use of board on FULTON and MAUMEE; disposition of: requests instructions	671-9
146456	2-4	FR	Monthly report. N	
149060	3-5	FR	Monthly report. N	
149240	3-8	FR	Finished weights. D	
150912	3-25 3-23	CO Dept	Reqt final trials be delayed until 6 months from date of completion of repairs to boilers. N Fwd Dept--Comments on 3/31 RB 4/6 Fwd Dept--Asks decision on liability period. 4/8 RB 4/14 Fwd Dept--Comments on 4/17 C&R reqt return 5-14 Fwd Dept--5/17 R.B. 5/28 To-- Asks when items will be supplied 4/9	
C&R reqt return 7-3		C&R reqt return 8/16		
151866	4/7	FR	Monthly report. N	
154399	5-6	FR	Monthly report. N	
154534	5-8	Bd I&S	Final trial: reqt status of work on. N To-- Gives status of. 5/12	
154925	5-12	New London	Fwds bills for authorized changes, relocating radiator and extra plans. R. Rets-- For certificate of bill. 5/17 RB 5/20	
155256	5/17	Dept	Reqt copy of machy specs. N To-- Fwds. 5/18	

FULTON: TRIALS.

1214

Number.	Date.	From or To—	Subject.
139340	11/10	FR	Reqt extension of time; gives reasons. N Fwd Dept via C&R-- Rec aryl. 11/13. b 139 To Groton--Fwd copy of letter to FR. 12/2 To--Extends date of. 12/3
139419	11-11	FR	Prelim trial; post trial report. N
139945	11-17	FR 3640	Contractors dock trial; steps taken by contractors to remedy failure to start engine with air from ships tanks; re bricking of boilers, etc. N
139964	11-16	FR 3751	Prelim trial; Fwd report. N. To FR, Groton 11/19 FR contractors agree to remedy all defects before delivery 11-25 To Post--12/11 Fwd Ord--12/25 Ord--Rec certain work be done. 12/2 Bd I&S Fwd synopsis 12-4 To FR--12/7 To FR--Instructions. 11/30 To FR-- 11/30 To 12/31 FR comments on lighting 12-4 To FR--12/7 To FR--Instructions. 11/30 To FR-- 11/30 To 12/31 Fwd Dept via C&R-- Recommendations. 11/20 To FR--12/10 FR (T) Reqt authority to deliver 11-30 (T) To--Gives Dept's action. 12/2 FR reports on turning 16 times without failure
140126	11-19	FR 3670	Contractors dock trial; reports on unsuccessful attempts to start engine with air from flasks. N
140127	11-19	FR 3670	Contractors dock trial; reports on unsuccessful attempts to start engine with air from flasks. N
140091	11-20	TO FR	Indicators; for trial trip; retain for further experience with Diesel engines. N
140249	11-19	Dept 28198-E.130	Report of board on prelim trial; N Fwd C&R--Prepared to make rec. 11/23

FULTON: TRIALS. 498-2

Number.	Date.	From or To--	Subject.
140557	11-20	FR	Trial data: fwd's synopsis sheets.N Fwd Bd IAS-- 11/27
✓ 140465	11-24	FR 3726	Claim for extension time on account of accident to boiler.N
140479	11-24	New London	Prelim trial: rec'd copy. N To-- Fwd's 11/30 To-- Fwd's hull data. 12/18
✓ 140510	11-23 11-27	Boat estimate 2-9 To-- Boat-- Est high; reduce. 2/19 New London S&E Co. C&R	Rec'd permission to deliver Nov 28. N Fwd Bd IAS-- 11/30 RB 12/5-- delivered at Boatd 12/2
140513	11/25	FR	Reports on trial of main engines; doubtful if vessel can be delivered Nov. 3rd 498-9
14 0918	12/1	C&R	B/p copy of Report of Board on Preliminary Trial.D
141006	12/1	FR	Ready for delivery with exceptions noted.N To-- (1) instructions. 12/3
✓ 141099	12/2	FR	Fwd's copy of lists, stores, spares, to be supplied by contractors and list of un-completed work.N (Cross to 21) To C&R-- Prepared to make rec for prelim settlement. 12/5
✓ 141098	12/2	FR	Reports of maneuver of main engine in connection with trials.N
140727	11-27	Solicitor	Permission to deliver at Boat. N.
140775	11-30	Bd IAS	Engineering data prelim trial.N.
141004	12/1	FR	Safety valve easing gear; contractors do not consider themselves responsible for

498-20

FULTON: TRIALS.

1914

Number.	Date.	From or To--	Subject.
136462	10-8	FR	Monthly report. N
136474	10-8	FR 3254	Reqt names and number of observers on trial to be detailed from Bureau; lists men from Inspector's office. N
136638	10-10	FR 3281	Claims extension cont time due to delay in securing steam and exhaust piping. N
137254	10-16	FR 3312	Re character of fuel oil to be used on trial. N To-- Comments 10/27
137566	10-20	FR 3362	Prelim trial; reqt Bailey counters. N To NY--Prepare for shipment. 10/22 To S&A-- Reqt shipment from NY to FR. 10/22 NY (R) only one in store; NEW YORK has two on board; reqt be directed to turn in 10-26 To NEW YORK--(R) turn in to NY. 10/26
137662	10-23	FR T	Builders trial held Oct 22; satis. air tanks charged from K-5. N
137805	10-24	FR T	Ready for prelim trial Oct 27; Bailey counter not received. N
137867	10-23	FR	Builders trial; reports ok. N To-- Acknowledges receipt. 10/26
137960	10-26	FR T	Builders trial; satis except cannot reverse without using Ord air flasks; fuel consumption within guarantee. N

FULTON: TRIALS. 498-2

Number.	Date.	From or To—	Subject.
138147	10-27	FR 3406	Builders trial; Oct 26; fuds engine data sheet, etc. N
138217	10-24 10-29	New London Co C&R	Will be ready for prelim trial Oct 27. N Fwd Dept via Bd I&S-- Noted: 10/31
138226	10-28	FR	Prelim trial; no travel orders required; rect. that Inspector's representative be not called on to aid trial board. N
138321	10-30	Solicitor	Rect many specons for trial board. N To FR-- Rect specons: 10/31 FR fuds specons 11-4
138322	10-30	Dept	Copy of orders to board on trial. N
138475	10-30	Phila	Will leave for official prelim trial Oct 30; gives officer who will accompany. N
138631	10-30	FR	Prelim trial; report of Lt. W.J. Childs. N
139015	11-6	FR	Monthly report. N
139008	11-6	FR	Rect shipping instructions for return of Bulley counters used on trial. N To-- Prepare for shipment to NY. 11/9 To NY-- Have rectd shipment to. 11/9 To S&A-- Rectd shipment FR to NY. 11/9

FULTON: TRIALS.

1914

Number.	Date.	From or To	Subject.
✓ 127065	6/9	New London 837	Contractors claim delay of completion due to changing wrist pin bushings.N
127417	6/12	FR 195	15th payment; reqt. K
129499	7-7	FR	Monthly report. N
✓ 129715	7-9	FR	16th payment; reqt. K
130899	7-21 7-24	New London 1059 FR 2398	Delay in completion of: deduction on 16th payment; fws contractors appeal against. N Fwd Dept. 8/13, 8/27 To-- Appvd. 8/28 To FR-- Copy of ltr. 8/28
131249	7-29	FR	17th payment; reqt. K
131906	8-7	FR	Monthly report. N
✓ 132341	8-14	New London	Weights; scales at ship works will only weigh up to 10,000; suggestions for weighing engines. D To-- Bu desires weight in detail. 8/17
132393	8-14	FR	18th payment; reqt. K
✓ 132990	8-21	Best	24 hour run; analysis of fuel oil. N

498-2

FULTON-- TRIALS

Number.	Date.	From or To--	Subject.
133026	8-26	To FR	Req preparation of synopsis sheets of machinery and hull data. N FR 10-24 To-- Appvs. 10/26
133095	8-27	To Bd Inap & Sur.	Preliminary Trial: instructions to inspector of machinery. Req comment. 8/27 Bd I&S comments 8-29 To FR-- Instructions to Inap on Prelim Trial. 9/2 To Bd I&S-- Fwds copy of above letter. 9/2
133873	9-4	FR	Monthly report. N
134547	9-15	New London 1333	Contractors request extension of contract time due to difficulties wit engines, and ordering larger air flask. N To-- No action at this time. 9/17
135211	9-23	FR	Trial; unable to give date; dock trial of main engine not yet made. N Fwd Dept Via C&R & Bd I&S-- Comments. 9/26 ^{rb} 12.
135387	9-26	FR	Req set of synopsis sheets for reciprocating engine vessel for use as guide. D To-- Fwds. 9/30
135784	9-26 9-30	New London FR	Fwds plan of trial instruments. N Fwd Bd I&S-- For comment and rec. 10/10 To Groton Via FR-- Appvd with comment. 10/17
135975	10-3	FR	Req to be furnished with "Data of Official Contract Trial." N To-- Fwds. 10/7

FULTON: TRIALS:

1913

Number.	Date.	From or To—	Subject.
✓ 111717	12-1	FR	7th payment; reqt. NK
✓ 111807	11-22 12-2	New London FR	Proposed payment schedule: fwds. N To New London. 12/5 To New London fwds form 102.1/7
✓ 111998	12-4	DR	Monthly report. N
✓ 113089	12-18	New London 1992- ⁿ	Reqt. extension 45 days delay in delivery crank shaft. N And Dept. via C&R. rec claim be held in abeyance. 12/20. To --- quotes Dept's action. 1/7
1914			
✓ 114074	1-3	New London	Monthly report. N
✓ 114282	1-5	FR	8th payment; reqt. K
✓ 114695	1/9	FR	Monthly report. N
✓ 115364	1-16	FR	9th payment; reqt. K
✓ 116750	2-2	FR 405	Contractors claim delay due to installing 4 in lieu of 3 gen sets. N
116746	2/2	New London	Reqt. detail 2 machinists mate in connection with

632

FULTON: TRIALS: 498-2

Number.	Date.	From or To—	Subject.
✓ 117119p	2-7	FR	Monthly report. N
✓ 118859	2-28	FR	10th payment: reqt. K
119388	3-6	Dept- FR	Monthly report. N
120909	3-25	FR	11th payment: reqt. K
✓ 122018	4-8	FR	Monthly report. N
✓ 122851	4-18	FR 1311	12th payment: reqt. K
✓ 124408	5-7	FR	13th payment: reqt. K
✓ 124434	5-7	FR	Monthly report. N
126482	6/3	FR 1836	Will be launched June 6th. D Ref. airt. 6-6
✓ 126605	6/4	FR	14th payment; request. K
✓ 126651	6/6	FR T	Successfully launched 9 a.m. June 6th. N
✓ 126660	6/2	FR	Monthly report. N

FULTON: TRIALS: PAYMENTS.

1913

Number.	Date.	From or To—	Subject.
✓ 100920	7-5	New London 9-88-8	Claim for delay due to fire in foundry. N Fwd Dept via C&R. Rec question be deferred until completion. 7/8 7-28 To---Quota Dept's action. 8/28.
✓ 101350	7-10	FR	Monthly report. N
✓ 101764	7-17	New London	3rd payment: reqt. K
101855	7-18	FR	3rd payment: reqt. K
✓ 102019	7-21	New London 1075-3	Contractors suggest change in method of reporting progress and making payments. N To---via FR. 98993-514-2 appliee. 7/28.
102284	7-17 7-25	New London S&E Co. C&R 28644-E.8	Proposed method of handling payments. N Fwd C&R. 7/28.
102992	8-4	New London	Monthly report. N
103378	8-8	FR	Monthly report. N
103479	8-12	C&R 28831-E.1	Fwds New London Co. claim for delay due to non approval of contract plans and apagns. N Fwd Dept. 8/15. 78 Ret---8/28.
✓ 104923	9-3	New London	Monthly report. N

FULTON: TRIALS: PAYMENTS. 498-2

Number.	Date.	From or To	Subject.
✓ 105027	9-4	FR	4th payment; reqt. N
105292	9-8	FR	Monthly report. N
107093	10-3	New London	Monthly report. N
✓ 107349	10-6	FR	5th payment; reqt. N
✓ 107440	10-7	FR	Monthly report. N
✓ 107685	10-9 10-10	New London 5868 FR 3137	Req't / extension of time due to delay in obtaining crank shaft. N Fwd Dept via CER. 1C/13. RB 10 23
✓ 109491	10-4	New London	Monthly report. N
✓ 109649	11/5	FR	6th payment; requests. K
✓ 109885	11-7	FR	Monthly report. N
✓ 111350	11-26	GO New London	Monthly report.
✓ 111715	11-24 12-1	New London 1858 FR 3801	Req't extension time due delay in delivery crank shaft. N

1912

1✓

Number.	Date.	From or To—	Subject.
74312	7/25	To Groton	Division of contract price. reqt for N
74312	7/29	New London	Will furnish division of cost in three weeks
/ 77117	8/31	FR 2507	Submits proposed payment schedule.N Fwd C&R asks if satis. 9-16 RE 10-3 To N.L. gives division approved 10/4 To N.L. 10/4
/ 77137	8/31	New London 873	Submits payment schedule.N To - approved 10/4
1913			
✓ 88087	1-13	New London S&E Co	Re t. extension of time due to strike of pipe fitters. N Fwd Dept. 1/21. RE 1/21 Fwd C&R. 1/31.
92360	3-12	New London 343-3	Bwds detailed payment sched. 1a.N Ret. without action; requests re-arrange- ment. 3/15.
92951	3-19	New London	Monthly report. N
92952	3-19	New London	1st payment; reqt. N
93070	3-20	FR 818	1st payment; reqt. N
95306	4/17	New London	2d payment; reqt. N
95300	4/17	New London	Monthly progress report. N

FULTON: TRIALS: PAYMENTS: ETC. 498---2

Number.	Date.	From or To—	Subject.
95307	4/17	New London	Payment schedule; fwds revised.N
✓ 95515	4/22	G&R 28831-2.2	Forwards request from contractors for extension of contract time.N Fwd FR asks if likely to cause delay 4-24 RB 4 30 Fwd Dept.rec disapp. 5/1. RB 5.9 To FR via New London, quotes Dept's action. 5/10. Ret---5/10.
✓ 96462	5/3	New London 613	Claim for delay due to fire in patternshop.N Fwd Dept. 5/6. RB 5-14 To---noted. 5/15.
✓ 96565	5/5	New London 619	Requests extension of time due to delay in approval of plans.N Fwd Dept. disapp. 5/8 RB 5.9 To---quotes Dept's action. 5/28.
97561	5-16	FR	Monthly report.N
✓ 97848	5-21	New London 722	Fwds contractors reqt. that method of making estimate on completed plan be changed.N To FR &---comments. 5/28.
98297	5-27	New London	2nd payment; reqt.K
98296	5-27	New London	Monthly report.
98485	5/28	FR	2d payment; request.K
99184	6-7	FR	Monthly report.N

Number.	Date.	From or To	Subject.	
53553	11/14	C&R	Reqt estimated weights for outfit	498--1
			1912	
90330	2/14	C&R	1913 List of C&R elec. auxiliaries.	498--5
95754	4/23	FR 1219-107	Electrical installation: fwds prints.L To---apnd subject mod. 5/5 FR reqt. action 5-20 fuel oil tank indicator system.	
108846	10-24	Condit Elec.Mfg.Co.	Asks if Con. it circuit breakers acceptable. L To---not considered satisfactory. 11/3 Company takes exception 11-10 To---not acceptable. 11/14	
			1914	
✓118160	2-17	FR 594	Deck plans for elec wiring and I-C, lighting.L To---apnd with com ent. 2/25 FR recommends hinge cover type be retained 3-2 To---fwds copy 11/372-498-4 of 96.24 ch. 3/5.	
112428	12-16	FR	Finished elec plans: reqt shipping instructions.L Fwd---Fwd tracing to NY. 12/22/60	
			1915	
114175	1-8	How Low on	A	

FULTON: ELECTRIC PLANT. 498 -- 3

Number.	Date.	From or To—	Subject.
✓ 223257	4/18	To CO	Quarterly report of elec plant. Will order new secret light mirror. Informs re advising other Bureaus of defects in. L
✓ 355672	10/4	CO T	Requisition for storage batteries and spark gaps - ask action taken on - L&R 12.20 (21) requisition approved 12-14
514439	9-9	✓ To York Mfg Co	1-1-20- Informs that FULTON will arrive at Phila Sept 16 where rep can inspect ice machine D.
✓ 512876	3/23	To CO	Fwd cc of report of elec plant data L CO-fwd annual report of elec plant data-3:27

494- 4 FULTON: INT. COM. SYS.

Number.	Date.	From or To—	Subject.
371735	12;14	9th Dist.	
587749	9;27	CO	Reqt Crosby engine indicator be issued to vessel. To CO- Gives instrns cc NY 10/4
587858	9;28	Dept	Copy of ind to Ord stating vessel will act as a tender for Mobile Sub Division in connection with torpedo overhaul equipment.
620671	5/2	To CO	Engine also allowance. Gives change in cc CO EO SC 5-12-14 12-1

FULTON: INT.COM.SYS.

1913

Number.	Date.	From or To -	Subject.
101161	7-8	FR 8071	Dial markings for mechanical telegraphs.L To Cory & Son request prints. 8/12. Cory was prints 7-14 To---appd.7/22.
✓ 110053	11/10	FR	Change in engine indicator dials: est inc cost. 1 Ret---directs transcribe on NRE form 17, in usual manner and return. 11/13 RB 12 2 To---appd.12/4 To Gen Insp. 12/4
✓ 115372	2/24	To C&R.	Voice tubes: rec. outlets be changed from hinge covered mouthpieces to nose type.L C&R recommends hinged cover; no money available for making change 3-4 To---rec change be not made. 3/5.
121838	4-7	Bd on Changes, New London	Change in dial markings engine telegraphs; inc cost. 4 To New London. appd. 4/15.
159572	7-5	To NY.	Voice tube calls: authorizes installation of in accordance with item 26c of Report of Bd of Final Trial. L-Y NY submits estimates 7-10 To NY--Gives work authorized. 7/15
✓ 275275	1/18	CO	Gun firing generator--request one of the type turned in from Battleship be supplied for charging small batteries.L Wd 1-31
351859	9-25	To SGA	Rest shift songs NY to Ports L To SGA Rest shift songs Boston to Ports 9-25 To Portsmouth. Rests if mat'l redd. 11-14 Ports. Nov. 16

FULTON: LEO LINT & I R:

19. C

Number.	Date.	From or To—	Subject.	
485482	2-16	To S&A	Reqt shipment of rheostat for gen set from Boston to Phila for FULTON L 6336	747-1
549615	3:3	Phila	Fwds preliminary drawings of ship service switchboard with estimates covering L To Phila Plan disappvd 3/12 To Phila Fwds Jan 3/19 Phila ships service switchboard-fwds print showing modification-3:25-L To Phila Ack receipt of Plan-Est appvd 4/1	
565310	5:24	Phila	Submits revised est covering: installn of 50 kw ship service generator set To Phila Revision of est appvd 5/28	
565315	5:24	Phila	Submits revised est covering generator and switchboard installn To Phila Revision estimate of Generator and switchboard L D 5/6	
566027	5:25	Phila	Ventilating blower motors for generators. submits revised estimates L To Phila Grants authy 5/28	
589653	9:27 10:10	CO C&R	Reqt instal elec coffee urn L Fwd C&R 10/20 Fwd C&R 10/20	
589653	9:27 10:10	CO C&R	Reqt instal elec vegetable kettles L	

Number.	Date.	From or To--	Subject.
617369	4/13	To CO	Electric Plant- Reqst inform rel Generator L CO FULTON 4/17 400 KW diesel engine generators never furnished vessel L
638534	8/22	To Phila	Booster Set- gives action taken rel L Phila 8/21 gives name plate data for booster set L

FULTON, ELEC LIGHT & POWER:

1919

Number.	Date.	From or To	Subject.
453884	10-25	To CO. To Insp GE Reqt work be pro- ceeded with at once. 5-11.	Condition of Elec Plant - Advise steps taken to remedy defects in auxiliary generators Nos. 1 and 2. N Lond Sub? Base - 10/31 To Boston- fws copy of lettr from FULTON req report 11/7 cc to FULTON Chas NY GE Insp Mass 12-3 GE - contrs will send foreman to N. Lond to ascertain trouble - 12/10 Insp Mass-12;11 Insp GE-1;2 To Insp GE. Advise in detail as to the items of repair des. red. copy to Inspr Mass. and CO. 1-12 Fwd CO. copy to Inspr GE and Inspr Mass. 1-12 To Inspr GE- Fws copy of CO end. re RB-1:17 unsatis repairs. copy to CO. 1-21 To CO-reqt shipping data-2;26 RB-3;5 Insp GE-3-5 fwd Insp GE 3/9 copy Inspr Boston RB-3:15 Fwd CO. copy to Inspr Mass and Inspr GE. 3-11 To Inspr GE- Reqts make another effort to obtain information. 4-8 Insp GE-4:14 To Inspr GE- Reqts submit a report of progress. 5-1 Insp GE-5:4-L Insp GE-submits contrs estimate-5;5-L
482102	5/21	CO FULTON	-1920- Report of test of auxiliary oil engine generating set - D

498-8

Number.	Date.	From or To	Subject.
7523567	7-17	To SAA.	Reqst shipt of Gen set from NY to SO NL 3725 L. RB-7:23-L
505771	7-17	To Sub Base NL	Turbo Generator Pds Blueprints CC CC L.
506203	7:16	CC	Submits report of breakdown of 35 kw turbo generator-request another one be furnished. To CC Gives in trans re marking of box CC Phil Im NY Insp Westinghouse 7-22 N London Sub Base-8:4-L
509663	8:4	CC	Gives reasons for failure of Remington oil engine to properly operate. To CC Subm 11/30 CC-12:6-D
510561	8/11	To Sec Oprns	SUBM AA-1 aux gen set reqst auth have removed 586-5 from and installed in FULTON. LB
517338	9:3	CC	Alterations to generating sets.L And Phila 10-8 RB-11:12-D-L And Ctrns via CC Phil 12-6 RB 12/29 D O&R-copy of action to Dept-12:13-W To Phila via CC 12-20
529354	11:17	Phila	Generating sets operated satis since repairs made by EE CC L

Number.	Date.	From or To—	Subject.	
307546	5-16	Northwestern Manuf Co	25 KW generator being furnished under contract 2632. To J L Martin, C O. Inspr Brook? Fwding prints and template of dynamo footings and coupling to be used in Generator, and commenting on same Inspr Milwaukee - 5-23 5-24	
311858	5/29	Northwestern Manfg Co	Sole plate for generator Remington oil engine are fwding to NY - L	
325507	5-1	Inspr Brook	Confirms telephone conversation fwding blue print of generator for. L	
344818	9/4	CO T	Unable to locate motor generator manfd by Northwestern Manfg Co - reqst Bureau locate and ship to Chasn - L CO (T) - ask if motor generator has been located and when may expect delivery - 9/16 reqst see (1) the generator set and be found at home for - L	
30665	7/21	To S&A	Requests shipt of storage but parts from ship to Chasn for FULTON LS	629
NY 2632	9/23	To S&A	Requests shipt of generator from NY to Chasn for FULTON LS	629
NY 2632	10/1	To Brook	Confirms tel conver rel to oil-engine generator sets for the FULTON	629

498 - 5 FILE ON: 112 2 2 10 11

Number.	Date.	From or To—	Subject.	
✓ 354737 ⁵	9/30	Remington Oil Eng. Co.	Generating set request ^{ed} cannot be supplied by 12nd Stoa 10-7	L
365672	10/4	CO T	Requisition for storage batteries and spark wires - ask action taken on	498-3
2632	10/5	Inspr Brooklyn	Condition telephone conversation stating generator set for Fulton set for Charleston 10-7	LOHAF C29
359267 ³	10/17	Bost T	No generator recd from GE Co for - L GE generator sets defective CO Fulton Oct. 25 To Charleston Oct. 21 back Nov. 4	
363871 ²	10-25	CO	Oil engine and generator tested and found satisfactory - spare parts for same have not been received - recommends small gear pump be supplied with set To Mr. Root list of engine generator spares 10-31	L
436143	8-2	To Comdt Phila	Condition of Auxiliary set. (Generating) - Reqs full report on defects with recommendations Expedite. L1 copy to CO. Phila-4;3-L	

FULTON: LIGHT AND POWER

Number.	Date.	From or To—	Subject.
292121 ⁴	3-14	CO	Remington Oil engine generating set - report on condition of. L
			Brook - Immediate reply received on condition of. L
			Brook - If upon investigation it is found that a second hand generator was supplied set in touch with Mr. S and secure a new one. 4-5
			Industrial Controller Co 4-12
			Brook - New generator available in 10 weeks. 4-13
			Brook - (T) new generator can be obtained from North Western Manuf Co in 8 to 10 weeks 4-12
			Brook - Remington Co admit use of second hand generator - 4/12 - L
			New switchboard for auxiliary generating set.
			Brook - Copy confirms telephone messages relative to Remington generator - 4/12 - L
297901	3/27 4/8	CO Atl Sub Force	Oil engine driven generating set - request suitable engine in place of second hand machine furnished by Remington Co - L
298575	4/18	Phone Brook	Delivery of generator - Ask if delivered in four weeks would be satis. 4/18 L
299002	4/17	Brook	Have twice requested information from Bureau by telephone relative to acceptance of Remington Oil Engine Co's proposition-L
2632	4/20	To Co Fulton	Bu fords copy of ref (B) to Remington Oil Engine Co advises matter carefully followed and will help in delivery of satisfactory generator

FULTON: LIGHT AND POWER

Number.	Date.	From or To—	Subject.
OTHER SIDE			
292121	CO	Insp Milwaukee 6-10	To Northwest Mfg Co Reqs that nothng interfere with deliv of generator in four weeks 4-23
292121	CO	Insp Milwaukee 6-10	To Insp Milwaukee Reqs careful personal inspection of this generator. 4-25
292121	CO	To Remington OE Co. Asks if set	Northwestern Manuf Co - 4/26
292121	CO	Remington Oil Engine Co - 2/12	Milwaukee (T) Northwesterns Manuf Co cannot locate Remington order - request information 4/29-1
300392	4-24	To NY re Reblading of turbine	of 50 kw generator sets - possible with first row of buckets specified as No. 1 auxiliary.
300392	4-24	and testing of oil generator set, 6-15	info date and conditions under which buckets were changed so as to take up
300392	4-24	To NY. Re status of work on generator set, 6-15	CO 4/29-1 To NY - investigate - order new buckets and nozzles 5-7
300392	4-24	To Brook (T) East inform re status of work on elec set, defective blading, 9-6	CO - 5/9
300392	4-24	NY - handling material direct OE Co - 9/9	Re. Inclon oil on the generator set is installed.
300392	4-24	To Insp Boston (T) Wire date del of motor generator, 9-13	and tested in accordance with desires expressed. 5-16
300392	4-24	NY 9-13 Insp Boston (T) Cancel tel. 11519, 9-21	NY - 5/15 - L
300392	4-24	To NY RB 23	NY - Summary of Co's quotation on spare parts. 1-6-11
300392	4-24	Mass (T) Motor generators cannot be located - 10/1	CO Oct 26
304407	5-5	to Insp defective blading Turb-Generator	Relative to furnishing replace generator in connection with Remington Oil Engine Co. L
304407	5-5	NW Manufacturing Co	To - Lists spare parts has arranged with SPS to procure. 5-15
2532	5/9	CO FULTON	Remington Auxiliary generator--are forwarding blue print of data--request generator 1/2 coupling be sent to manufacturer of new generator and install on shaft.

1917

FULTON: LIGHT AND POWER.

Number.	Date.	From or To—	Subject.	
✓ 259625	11/9	Atl Subm Force T	Reqt Booster Sets ex OZARK now at submarine base be transferred to. 11/9. L To (T) - Transfer appvd. 11-9	
265705	12/6	CO	FULTON - auxiliary generator request switchboard be furnished-reqt data. L To NY - Wds letter from Remington oil Co. re delivery Jan 20th. 12-13. To Remington Oil engine Co. - reqt advise if material has been shipped under reqn 627. 12-8 NY (T) unable to identify; reqt copy 12-28 To NY (T) - Reqt immediate reply to letter. Dec. 13th. 12-27 Remington Oil engine Co - 12/10 - L Remington Co - (T) gives date of delivery (See contract 2632) 12/10 To Sub Base New Lond T Remington oil engine gen set FULTON due delivery N Dec 20th. 18	OVER 629
2632	12-6	To Sub Base New Lond T		
✓ 470618	12/28	CO	Installation of foundation for 25 KW oil engine generator set. To (T) - Appvd. 1-2	
270985	12-28	Phone CO	Foundation for generator set. NY yard unable to install. 12-28	
286913	3-5	NY	Generator sets - spare auxiliary for - repaired and turned in store. L	

498 — 5 : FULTON: LIGHT & POWER

Number.	Date.	From or To—	Subject.
265705	1-14	STE OVER	To Brook-Repts to e up matter of delivery with contractor and inform if delivery will be made on Jan. 27th. L-S 1-14 Insp. Brooklyn--1/18 To Brook-Report if delivery made and if not when it can be expected. 1-21 Insp. Brooklyn Feb. 6. L. To Brook-Inform if shipmt was made on 12th as promised. 2-13 Brook - 2/15 - L. S. Brook - 2/19 - L Insp. Brooklyn-engines shipped via auto truck 2-18. L S. 2-23 To Brooklyn-Inform when reply to letter Jan 31st may be expected. 2-21
284301	2-20	CO	Spare armature for main generators. Reqt NY yard store. L To- Approves recommendation. 2-28
285827	2-25	CO	Manuf switch board for 35 Kw generating set. L To- Repts of switchboard 2-24 To- Discontinue in re new switchboard and repts comment on points listed. 3-28 3-7/8

FULTON: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
✓238408	7/9	CO	Reblade first stage rotor Curtis turbine 35 K W generator L To NY—Work appvd. 7/18
250333	8/27	CO Atl Sub Force - confirms tele- phone call 10/9 Y NY 10/16 L To NY- 10-20	Auxiliary ^{pump} situation reqts motor be expedited. Y To- (T) Reqt not granted. Will approve reqn latter. 9-21 To- Disappvs instal 1.9/22 To Groton- (T) Reqt quotation delivery NY to 25KW auxiliary gen set. 9/24 Submarine Force, Atl (R) request reconsideration 9/24 To Sub Force- (T) 9/25 New London (T) cannot divert SCHLEY's generating set without delaying completion of vessel 9/25 N Lond - fws contractors report p 9/27 L Original papers recd via NY 9/27 - L Phone New London- Bureau will order another gen for and will endeavor to complete it in record time. 9-29 Sub Flt - detailed recommendations 9/30 L Fwd Dept- Recommendations for installment 50 kw oil generating set built for AA-1 be disapproved. 10-1 R B 10/3 EO - (R) Unable to use gasoline set on acct of no gasoline storage and proximity to fire rooms 10/4 L To CO- Can obtain 25 kw gas engine driven set within 2 weeks, will this be satis. 10-3 Atlantic Sub. Force 9/20 L To- Bureau preparing set to be built for. 10-5 Phone New Lond--Re purchase of gen set. 11/8

498 -- 5 FULTON: LIGHT & POWER

Number.	Date.	From or To	Subject.
255834	10-20	To CO _{Phone}	Generating set building for SCHLEY be installed on. recommended by CO. Informed disappvd. L
256279	10/22 10/23	CO C&R	Auxiliary generator - request authority to have foundation built by the Thames Tow Boat Co - L wd C&R-10-24
256317	10/23	CO R (T)	Asks if generator has been purchased - L To CO- Generator ordered from Remington Oil Engine Co. NY City. 10-24
257364	10/29 Fwd Dept. 10-30	CO R	Generating set purchased for FULTON; recommends cancellation of this order and that the SCHLEY set be assigned to L CO (copy) relative to installation of auxiliary gen sets 10/29 Fwd Dept 10/30 BB Dept disapproves using SCHLEY set 10/30 Dept fwsd copy of telegram to FULTON 10/30
257379	10-29	Phone NY	Generator set. Repairs practically completed except measurements for foundation of oil driven generator set. Reqt be informed re above measurements.
257401	10-29	Phone NY	Generator set. Work under cognizance of hull division for placing of foundations. Reqt take up with foreman of Hull Division practicality of sending foreman of the to take necessary measurements and to build foundation plates at NY Yd for shipt with generator.

498 -- 5 FULTON: LIGHT & POWER:

Number.	Date.	From or To--	Subject.
	6-30	To S&A.	Reqn 152; fwds specfns required for purchase of lead burning outfit and motor generator. L-R
194486	7/24	CO	Gives list of fans on board and location. L
Survey 11-17 10/19		To CO--	Reqn should be prepared to cover repairs on Edison Storage Battery. LY
205959	11-17	At Sub Flo	Request that boosters for batteries, reqn 152 be expedited. L NY Co may anticipate one no 11-21 To E-1 via Div 2 Sub Plot Atl Sub-- Instructions. 11/22
222925	4/14	JAG	Report of Bd investigation damage to armature shift. L To NY--Instns. 5/7
		NY - fwds prints 6/20 D To LY--lan appvd. 6/30	
225522	4/28	NY	Turbo generator set: request drawings showing. L To Crocker Wheeler Co--Asr when drawings of generator set will be fwled. 5/5 To--Will fwd when received from manufcs. 5/5 Crocker-Wheeler Co - Fwds V and Yka 5/9. L To Crocker Wheeler Co--Acknowledges. 5/15 To--Fwds blueprints listed. 5/18

FULTON: LIGHT & POWER.

1915

Number.	Date.	From or To--	Subject.
163522	8-16	C&R	States leads of elec fans in officers quarters are not properly secured. To NY work under SR authorized 8/19 RB 9/8
167204	9/22 9/29	CO NY	Estimate for switch panel for controlling machine shop motors. To NY-- appvs. 10/2
168009	10-1 10-7	CO NY	Elec lights in ice mach room. To NY appd 10/16
168135	10-11 10-12	CO NY	Reqt lights be installed in ice machine compartment.
No #	10/18	T ₆ NY	Flash light batteries; relative to replacing 675-7
183294	3-22	CO	Reqt additional second hand motor for individual drive machine tools. Fwd port - Rec disapp vl. 4/1 RB 4/5 To Via Sub Flo - Disapp vl. 4/5 RB 4/5
186268	4-28	Pitts	Turbo generators: reports on test cont 171. To CO-- Fwds report test. 5/6
	6-21	ToAtl Sub Flo./ (R)	Reqn 152: asks power available for 40 K.W. booster; will present supply system permit increase 6/21

1914

FULTON: LIGHT & POWER.

Number.	Date.	From or To--	Subject.
121970	4-9	Brook 2093	300 kw generators: fws test records. S To--shipment authorized. 4/13. To Groton fws test reports. 4/13
123483	4-25	Brook	Gen sets: reports rejection rheostats: gives method of tying commutator targa. S
124840	5/5 5/7	New London BR	Junction box for storage battery charging: fws print. L To Groton. not appd. 5/16.
126512	6/3	New London 809-4	Junction box for storage battery charging: fws plan. L To -- Appvd. 6-6
✓ 127301	6/11	New London 842	Main generators: contractors claim inc. cost for changes in armature shaft, ladders, plans, and foundations. L To -- inc. cost does not meet Bu's approv. 6/17
129 130242	7-17	New London 1043-4	Main generators: inc cost due to changes. L To -- Bu concurs in rec that same be disappd. 7/31. To Can Inspr. request inc cost. 7/31. To -- in error in referring to Bd on Chgs. 6/5
To Bd on Chgs. letter 7/31 sent in er- ror. 6/5 Fwd Dept. for decision. 8/5 To 9/14			
131209	7-30	C&R 3494-E.1	fws contractors correspondence relative to increased cost for changing foundations of generating sets. L Ret -- comments. 8/1. C&R asks if Dept apvd 10-12
130242	SEE ABOVE		To Groton -- fws Dept's decision in matter of increased cost for spare armature. 9/18

JUNTON: LIGHT & POWER, 498-5

Number.	Date.	From or To—	Subject.
142423	12-11	CO	Install reverse field switch for main genera; tors. L To--Will not consider at this time. 12/19
142786	12-19	Bost 3531-472	Range light: recommends installation of after light be cancelled. To--Appvs omission of. 12/24
143444	12-31	FR	Number of hours gen sets have been in operation. H.
150296	3-19	NY 145-674-4	Repairs to 300 hp gen set. L To-- Appvs. 3/23
151133	3-16 3-31	Bost CEN	Stowage of small arms and ammunition: set for necessary lighting/L Fwd NY Via Bost-- Auth. 4/1
	5-14	To Work.	Machine shop: motor for converting certain machine tools to electric drive; asks con- dition of certain motors on hand. Y
158942	6-24	CO	States combined oil and elec running lights aboard vessel are not navy standard. L Fwd Bost-- Rec of sappvs. 6/28 RB 6/30 To-- Disappvs. 7/1
161589	7/23	NY	Reports suitable arngt has been designed to take up thrust of main generator shaft. H To-- Appvs. 7/27

FULTON: LIGHT & POWER.

1913

Number.	Date.	From or To--	Subject.
✓ 108654	10-23	New London 1647-4	Gen sets: fwds print.L To---plan satisfactory as a type assembly plan only.10/29.
✓ 109299	11/1	New London 1717-4	Switchboard: fwds plans.L To---disapp'd.11/11
109875	11-7	FR 3425	Reports receipt of 2 mast head lights from Boat: specs require only one.L To---request further information and copies of corres.11/12
✓ 110538	11-14	FR 3560	Mast head light: asks if are to be returned to Boston.L To---Directs return to Boat.11/22
✓ 111465	11-25	NY	Mast head lanterns: fwds copy of corres giving reasons for forwarding to Boat.L
✓ 111536	11-28	Boat 1200	Signal lanterns: fwds copy of corres re shipment of mast head from NY.L
112005	12-4	New London 1922-4	Main generators: fwds plans; contractors claim not required to furnish spare armature shaft. L To---disapp'd.12/13.
✓ 113206	12-19	New London 1997-4	Switchboards: submits plan: states contractors failed to make all modifications requested by Bureau; main aux bars will be permanently connect 3 to aux. switchboard.L To---a.p.d as mod.1/3

FULTON: LIGHT & POWER. 498-5

Number.	Date.	From or To—	Subject.
✓ 113233	12-19	New London 1998-4	Motor generators: reqt reconsideration of decision to make shafts interchangeable. L To---no reason for modifying requirements. 12/26
		1914	
✓ 114848	1-12	New London 67-4	Reqd approval of main switchboard plans be To---and gives interpretation of specns. 1/14
✓ 115636	1-19	FR 206	Main generators: interchangeability of armatures: re: t. Bu approve at inc cost. L To---& New London: arr. proposed not satisfactory: requirements. 1/24.
✓ 116088	1-26	New London 161-4	Main switchboard: fwsd print of proposed condition circuit breakers. L To---approves use of. 1/30.
✓ 116873	2-4	New London 220-4	300 kw generators: fwsd assembly plans. L (T) to---Bu cancels approval in letter Feb. 7th. 2/10 To---2/7
✓ 117107	2-6	New London 238	Motor generators: fwsd prints: recommends use flexible coupling be approved. L To FR. fwsd copies of corres. 2/11 To---requirements and instructions. 2/11.
✓ 120564	3-21	New London 438	Main generators: fwsd assembly. Foundation and arrgt plan. L To---appd. 3/26.

TENDER FOR SUBMARINES: LIGHT & POWER SYSTEMS

iv

Number.	Date.	From or To—	Subject.	
53649	11/15	C&R	Reqt copy of searchlight drawings	498--1
			1912	
58102	1/9	Bush Sulzer Diesel Co	NIAGARA Reqt circular of requirements, weight of engines and generator set	498--1
73804	7/18	New London Ship & Eng.	NIAGARA: elec. equipment, requests change voltage of lighting auxiliary power circuits to 220 volts in lieu of 110 volts.	498--1
J 76244	8/20	Kerr Turbine Co.	Gen. sets; asks if there is anything in specifications barring their generators from use on L To— Communicate with Co. 8/22. To— Take matter up with Contractors 8/23	
81301	10-29	TO New London	Contract light specns. and plans: fwda and gives detail list of various types of fixtures, etc. L	
82364	11/12	To New London	ANDOIS keyboards will be changed, dr 1986.	711--1
J 90330	2-14	C&R 29214-E.1	1912 List of C&R elec. auxiliaries. L	

FULTON: LIGHT & POWER SYSTEMS. 498---5

Number.	Date.	From or To	Subject.
91122	2/21	C&R 27735-E.2	War head and small arm stowage: fwds print: Invites attention calls for magazine light. L To---Su approves location of mag. light. 2/28.
✓ 92437	3-12	FR 708	Portable vent. acts: fwds copy of order placed with Turtevant Co. Plans not yet appvd. L To---test will be made at Co's works. 3/21 FR 3/24.S
✓ 100739	7-1	FR	Switchboard: fwds specs and print covering. L To---plan appd. 7/11
102404	7-25	FR Light	Lighting switchboard: prints, specs; etc. D To---appd. 7/29.
103144	8/7	To Bost.	Signal lights: directs furnish certain material from stock. L To Bost & NY directs ship certain material from stock. --- To S&A recues shpment. 8/7 B p 8-20 To Bost instrum 9-13 Bost estimate for supplying. 8-23 Bost corrections 8-26 To Boston has prepared Recn covering material 8/30 fwds S&A 9/3
lights 9-21 comment. 9/28		To Bost & NY directs mag. head lights be re- turned to Bost. 11/22 Bost asks re supply of Fwd Ports-- WOF	
104831	9-2	New London 1338-1	Generators and switchboard: reports refusal to order inspection due to failure to submit assembly plans. L To---concurs 9-13
105819	9-13	FR 2839	Connections between switchboards and generators and charging outlets: fwds b/p. L To---appd 9/20

FULTON RADIO

1922

4-3381

[illegible]

Number.	Date.	From or To	Subject.
569982	6/20	To Phila	Reqt status of Marconi 2 kw spark set reported on change sheet 5/28 assigned to FULTON W 898
585657	9/17	To CO	Amplifier Name Plate Data; Reqt inform W CO-no amplifier furnished-9,22-W
609009	7/14	To CC	Action with old man. 1231 10/7 rel G.S. 11/11 of 11/11/23 RB 2/23 CO FULTON 3/15 Request action W To S&A Reqt shipment of Amplifier from Washn to CO 9900 3/16
639287	8/22 8/24	CO Atl Sub	Request auth to survey radio apparatus listed To CO USS FULTON- Survey of radio matl. 5/1 W cc Atl Sub Flotillas. Atlantic Sug 9/28 Co Requested apparatus listed be furnished Y To S&A Reqt shipment of mat from Washn to CO 1231 10/7 RB 10/30/22 W RB 3/17/23 W To S&A Reqt shipment of mat from Brook to CO 1230 10/7 RB 11/2 W To S&A Reqt shipment of mat from mi to CO 1229 10/7 RB 11/2 W To NY- Reqs name plate data 10/13 W NY 10/31 W

OVER

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FULTON

RADIO

1922

Number.	Date.	From or To—	Subject.
639287		FROM OV R	
647720	11/1	to S&A 1414	reqst shipment of equipment from washn to SO Phila W RE 3/23/23 W
651883	11/29	Phila	Rests title SE 1899 long wave receiver be furnished. W To S&A Reqst shipment of receiver from Washn to SO 1648 12/4 To S&A Reqst shipment of receiver from SO FULTON to SO Washn 1650 12/4 CO 3/16 Receiver not received W Fwds S&A - 3/24/23

FULTON: RADIO

Number.	Date.	From or To--	Subject.	
360192	10/19	CO R	Request radio apparatus - W	
340036	3:4	CO <i>and Sub v1</i>	To CO (T) re: transfer of radio To CO- Reqs acknow rect of apparatus. 2-26	
365286	11-1	Charleston	Request authority to draw radio material from store	W
365234	1-16	To S&A To CO- Reqs that the new quenched spark gap be installed immediately and placed in operation. 3-17	✓ Reqt shipt one 5-kv quench spark gap from Boston to CO. W RB 3:1 CO fwds requis. 2:1:19	
CHAS: R3A	1583 2-10	To SO WASHN	Info re: st re: tatus of reqn-	
417398	5-13	To Comdt Norf via S&A.	Radio apparatus for. Lists material repts action be taken to show delivery. W	
457067	8/1	N Lond Sub Base To S&A- Reqt shipt wavemeters from New London to Wash. 8-9	Reqt authority to ship 2 wave meters to manufacturers for repairs and return - W to Comdt Washington- Lists radio material to be shipped from New London for repair. 8-9 copy to New London Sub Base.	

498-6: FULTON: RADIO:

Number.	Date.	From or To—	Subject.
510302	8:3	CO	Request authority to turn in obsolete radio apparatus listed W To CO FULTON 8/12 CO-8:27-W Te CO Turning into store from FULTON to nearest yd 9-3
517339	9:3	CO	Change location of radio room.W To Phila 10-9 RB-10, 10-10 To CO 10-10 RB-10, 10-10 RB-12:6-W C&R-copy of action to Dept-11:24-W Te CO 12-9 C&R-copy of action to Dept-4:1-W
551462	3:11 3:14	CO Phila	Request change location of radio room.W Fwd sent via C&R 3/22 RB-4:18-W C&R-copy of action to Phila-4:16-W Te Phila Relocation of radio room authd 4/20 cc CO-C&R Phila submits estimates 5/10 Te Phila Estimates appvd 5/20
560063	4/27	To Phila	Bu will upon receipt of survey will decide what equipment shall be placed on board FULTON W To CO-Auths survey of set 4/27 Phila 5:13-W Te Phila Request listed app, reinstalled- 6/11 cc CO Phila submits 6-1:10-W
560876	6/11	To Phila	Confirms tel conversation between Capt Murfin and Comdr S C Hooper re survey of radio set W

NIAGARA Tender for SUBMARINE (1912)

Number.	Date.	From or To--	Subject.	
54869	11/29	C&R	Re provisions for wireless telegraph room in contract plans	498--1
1914				
✓124416	5/8	To Bost. NY and S&A.	2-kw radio set (Cont. 18623); request shipment from NY to Bost; request set for installation. 2-kw set, contract 591, should be assigned to BENHAM.W To Bost. install 2-kw set (assigned FULTON) on PAUL RO. -- To S&A. request shipment from Norfolk to Bost. of 2-kw set for FULTON. 7/1	
134263	9-9	Boat 3537-472	Radio set; estimate, plans, etc.W To-- Appvd. 9/12	
162057	7/28	CO	Alterations to radio set.W Fwd NY--Authorized, 8/3 RB 8/14	
163447 VOID	7-24 8-10	CO Bost 3122-345	Repairs to ice machine, machine tools, gen sets, pumps, main engines, piping, blowers.	
163461	9-13	NY	Reports, inspection of installation; plans. W To appd 8/17 (installation of wave changer)	
184710	4/12	CO	Reqd improved radio outfit.W Fwd S&A--Reqd be furnished from Wash. 4/17 To--Submits reqn. in future when supplies are required. 4/17	

FULTON

498 -- 6

Number.	Date.	From or To—	Subject.	
208155	12/12	To S&A	Reqd shipt of one ultraudion detector and amplifier from Wash to. W	
208164	12/12	To S&A	Reqd shipt of one remodelled type Pierce Wave meter from Wash to FULTON. W	
263100	11/24	Sims copy	Request field radio set. W	
263893	11-30	To S&A	Reqd shipt 1/4-kw portable radio set from Boston to New London Con/ W	
269222	12-22	Sub Signal Co	Relative to repairs to radio set - fwds estimate - L	498-7
358089	8/8	CO	Reqd rec ship turn in stores. To CO. Authorized to turn in radio receiver 8-27 New London sub chaser 9-16 request auto. to turn in Radio. 9-16 To CO. Authorizes the turning of radio 9-20 To CO. Request radio apparatus - W To S&A Reqd shipt radio apparatus Wash to To Atl Flt, re radio equip rct. 9-6	CO 9-4
260036	8-20	Atlantic Submarine Force	Request authority to return if 76 set as a spare - W To N Lond. authority granted 9-23	

FL 001: 100 110000

1910

3

Number.	Date.	From or To--	Subject.
520091	6-26	CO	Request information as to frequency of inspection of sp-signal apparatus by manufacturer. L To Co, commenting on inspection signal apparatus 7-1
533760	9/26	Commanding Officer Dalton	New London Date 9/28, requ instructions as to disposition of I tube material. L 797
438570 9	7:28 8:13	N London Sup Base S&A Fwd S&A via Comdt Phila. 8-18	Request disposition of oscillator gear on board. LAC Phila-request disposition of oscillator gear 4-2 W To 30 Phila Request that oscillator gear be placed in stock 5-13. Phila - 5/12 - W
505977	5:5 3:25	CO Phila	Request overhaul valves in bell mechanism also overhaul pump connections. W To Phila Repair apvd cc CO 6/13
502544	8:24	Phila	Reshipment of spares for Y tubes. W To Phila Caves Action cc CO Hamp Rds- Sub Div #15 8/30

1917

FULTON: SUB SIGNALS.

Number.	Date.	From or To—	Subject.	
✓ 254604	10/13	CO	Reqt microphones be installed.L	
✓ 256239	10/22	Sub. Signal Co	Fwds copy of request from CO to install two tuned microphones L	
✓ 30255	10/22	Sub Sig Co	Reports shipment of oscillators for.	529
✓ 256424	10/24	Submarine Signal Co T	Request instructions relative to repairs to submarine signal apparatus.L To- When oscillator is installed on bell apparatus will be removed no repairs to bell will be authorized. 10-25	
258254	11/2	To All Sub Force R for FULTON shipped to Supply Officer NY about Nov. 3rd. 11-19	Request 2 microphones be shipped for installation by ship's force.L Comdr Sub Force (T) asks action taken	11/17
258484	11/2	CO	Submarine bell spare parts reqt.L To- Keel type oscillator will be installed when vessel is next available. 11-5	
258384	11-3	To S&A	Reqt ship of tuned microphones from Boat to NY for FULTON.	711-3

FULTON: SUB SIGNALS. 498 - 7

Number.	Date.	From or To—	Subject.	
✓ 262288	11/20	Submarine Signal Co	Contract 2235 - reports shipment of 2 tuned microphones - L	
269222	12/22	Sub Signal Co 6	Relative to repairs to radio set - fwds estimate - L	
278528	1/31	Sub Signal Co	Fwds report of inspection submarine signal - L	
278888	2-2	Submarine Signal Co	Fwds inspection reports for ROCHESTER, VULCAN, FULTON, Submarines N-1 to 3. L	711a3
280765	2-12	Phone NY	Repairs to oscillators - Auth installation FULTON oscillator on and retested that ARKANSAS oscillator be sent to Submarine Sig Co. for repairs. L	121-7
285384	2-21	CO	Fwds bill for overhauling submarine signal bell. Fwd Washington D.C. 3-5	798-7.
290130	3-15	At Sub Bottilla	Requests listening-in apparatus for. L	

NIAGARA: SUBMARINE SIGNALS:

Number.	Date.	From or To—	Subject.
66115	4-10	Sub Sig.Co	Sending and receiving; recommends sending bell be installed in tube in bottom of boat. L To F.E.Chapin; requests information. 4/13.
			1913
98981	6-7	C&R 29561-F.1	Contractors reqt. data on L. To ER.gives information. 6/9. Ret--5/9
110732	11-17	FR 3605	Signal apparatus; asks if type has been decided upon. L Fwd C&R. 11/22 Ret---request plan. 11/29. FB 115 C&R reqt action. 1-6 To C&R. plan has been requested. 1/9 To---reqst plan. 1/9 not 227. tube down on 11/27 is not 227. To---proposed tube not appd. 1/27.
			1914
122102	4-9	FR 1203	Sig system; reqt information. L To Submarine Sig. Co. reqn being prepared; request plans. 4/13 To---4/22
122927	4-17	Sub Sig.Co.	Fwds prints proposed installation. L To---4/22
124023	5-2	FR	Reqd details for wire of L To---Bu has no plans. 5/12.

FULTON: SUB. SIGS. 498 -- 7

1914 2

Number.	Date.	From or To--	Subject.	
126258	6/1	Sub Sig Co	Fwds assembly drawing of pneumatic submarine bell with electric control; will install this type on FULTON	711-5
128453	6/23	FR 2054	Requests copy of reqn covering submarine signals to be installed; also what contractors are supposed to furnish. L To---Fwds copy S.E. reqn. 86.7/1.	
138214	10-29	To New London.	Bill for submarine signal set; fwds bill for 50%; reots return with report. K RB 11/9--installed but has not been tested.	
179433	2/15	Sub Sig Co	Fwds tracing showing sending apparatus installed on	515-7
221344	4/3	Sub Sig Co To G-1--Directs submit infor reated at once. 7/26 U S S G-1 - 7/30 L	& E-1 and G-1; fwds inspection reports and bills. L To CO--ask if in good condition. 4/11 RB4-19 To G-1--Ditto. 4/11 To NY--Rec bill re: FULTON be bill. 4/3 To G-1--Rec reply. 6/16	
144	4/9	To CO	Reqn withheld pending receipt of infor as to whether or not microphones are carried on vessels under command.	
222985	4/16	CO	Relative to repairs to 2 microphones; fwds letter from the Submarine Signal Co relative to. L And CO--4/21	
31	8/22	To CO	Disappvs diaphragm for operating key of submarine cell. LR	

FULTON

MACHRY PLANT

1922

Number.	Date.	From or To—	Subject.
✓ 638566	8/21	Dept	Instructions in conn with holding material inspection. Y To Bd I&S— fwsd corres from files 8/22 Board IS 10/16 Returns corres Y
✓ 640649	9/6	C&R	Copy of letter to Phila. auth docking. c Y
✓ 641056	9/11	C&R	Copy of letter to Bd I&S fwding correspondence rel to material inspection. Y
✓ 643588	no date	Board I&S	Material inspection held 9/22. Y Bd I&S— 10/30 Y
✓ 644555	10/5	CO	Matl readiness for war Y

1922

Number.	Date.	From or To—	Subject.
✓ 645888	10/8	CO	Material readiness report. Y Fwds Opers via Ord 10/24
646498	10/25	Opers	Available Phila October 1 for repairs Y
✓ 654153	12/21	To Phila	Preparation of Estimates— reqstd Ys
654564	12/21	Phila	Copy of letter to Dept stating estimates for work have been fwd to respective bureaus. Y
654565	12/21 <i>dec 21</i>	Phila Y Y Y Y Y	Submit estimate on work incident to material inspection Y Fwds Dept 1/11 RB 1/18/23 Y To Phila— Gives action taken cc CO 1/20/23

ALBUQUERQUE PLANT

Number.	Date.	From or To	Subject.
60670	9/19	To CO	Specimens of Operating Instructions for engine- plant officers and
		1922	
604233	1/12	Hubm. Plot.	Vessel completely disabled due to broken boiler case. Atl. Sub. - Machine Plotilla - Copy - Just the one sent from Norf. to Phila. 1/15 Y Dept. - Norf. - Conversation with Atl. Sub. - Telegram to Atl. Sub. Plot Norf. - Confirms telephone conversation re to: 1/15 Y Sub Div 1/15 copy. Vessel arrived Hamp Rds Y
606820	1/25	Dept	Copy of telegram to Phila. making vessel available for repairs. Y
607615	1/17	CO	Request remove charging booster set, D. Phila - Subm name plate at: 2/27 Y

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FULTON LEACHRY PLANT

1922

Number.	Date.	From or To—	Subject.
608889	1/1 2/9	TO CAR	Report on material readiness. Y Fwd Operns 3/18
621597	5/1	Dept	Copy of telegram to Phila directing vessel proceed to Norfolk to rejoin Div 15. Y
624874	5/31 5/22	TO CAR	Submits report on mail readiness Y Fwd Operns via Ordn 6/2
632101	7/10	Dept	Vessel detached as tender Submarine Div 15 assigned flagship Atl Sub Flotilla Y

1942

Number.	Date.	From or To—	Subject.
412052	4:17	Phila	Req. vandyke of Bu drawing 12-P-050 D To- Prints included in those fixed in Bu letter of 4-12th. 4-19
455093	10/30	N Lond Sub Base Copy	Vessel docked - AY
456854	11/8	N Lond Sub. Base Copy	Vessel undocked - A
482102	no date	Bd IES	Report of material inspection held Feb 10th. Y To CO- Reqs detail report of operation of engine. 3-27 CO submits report on completed work-3:25-Y CO FULTON - report of test of auxiliary oil engine generating set - 5/21 - D (Cross to 9 & 5)
501854	6:25	Phila (2 letters)	Submits report of Bd of Survey & Est. Y Fwd Dent CC Phila- CO 7-8 RB-7;14-Y Fwd Sec 7/15 RB-7;14-Y To Phila. Regt work is proceeded with in accord with auth CC CC-SC Phila 7-16 fwd S c 7/30 RB-8;5-Y To Phila. work auth 8/9 Phila asks if item 14 should be cancelled-9;1-Y&D
517341	9:3	CO To Phila gives action cc G-12-14	Alterations operating gear for exhaust valve-new fuel oil heater-changes to refrig- erator plant. D Fwd Phila 9-28 Phila submits estimates. 1/11 DY Fwd OGDMS 12-7 RB-12;13-D

498-8: FULTON: MACHY PLANT:

Number.	Date.	From or To—	Subject.
526483	9:3 10:27 10:30	CO Phila C&R	Request install oil stuffing tank in fuel oil compartment—alter motor boat davits/etc.D Fwd C&R. 11-3 C&R-copy of action to Phila-11:1—D&Y
550096	3:5	Depy	Vessel will be detached from N London Sub Base.A
551530	3:14	C&R	Fwds booklet of gen plans.D
555184	3:22 4:2	N London Sub Base Dept	Report on readiness of vessel.Y To Phila- Del of boiler mat not expected before April 27 4/12 RB-4:16-Y Fwd Phila 4/29 RB-5:6-Y Fwd Operns cc Phila 5/11 RB-5:14-Y
564258	5:13	Dept	Copy of letter to Phila stating July 1st as date of completion.Y
568758	6:9	Phila CCIV	Vessel docked..
572289	6:15	Phila Depy	FULTON undocked-BEARD Road follows.Y
572289	6/30	Phone to Phila	Satutory limit Y

FULTON: MACHY PLANT.

Number.	Date.	From or To--	Subject.
248395	9/8	NY	Reqst machy VanDykes - D Re- Pwda prints. 9-19
249558	9/15	CO	~~Warden~~ auxiliary power-Reqst action on letter of Aug 27 (not recd.) Pwda - Co. 9-18
251466	9/26	Dept	Proceed to NY for docking Oct 15th - Y
257318	10/29	Sub. Force Copy	Fulton has been ordered to Submarine base N Lond - A
297113	4/11	Atl Sub Flotilla	Request for distant service - requires multiplier valves - A
301935	4/29	Dept Copy	Not to be sent to Base 13 in the near future - Y

1

FILE NO. : GUY. LAT. 400 - 3

Number.	Date.	From or To-	Subject.
✓ 426105	7/5 7/17	CO Dept	Quarterly report on readiness for war service Fwd Dept. 8-17 Fwd Chron 8-23 R 3 9/6
✓ 346013	9-5	Charleston	Re: fire - co. W. H. S. tele. one communication re installation of boiler etc - 12X
		1910	
✓ 387466	1:2 1:20	CO Dept	Report of new Commanding Officer Y Fwd Ordnance via C&R- 1-27RB 1:31:19 Fwd Operations. 2-4-19
✓ 402653	3:14	Phila	Req. machinery vandyke D To E.O. Phila- Fwd prints. 3-17
✓ 407443	4/1	Phila	Request set of machy plans - D To E.O. Phila- Fwd prints reqtd. 4-12 To E.O. Phila - Fwd roll of photostats of machypans. 4-25
408660	4:4	Phila	Req. misc. engine drawings D
✓ 411752	4/17	Phila	Reques. machy plans listed - Y To - prints Fwd 4-17 included reqtd in your 4-17. 4-18

1915

✓ 3

FULTON: MACHINERY PLANT.

Number.	Date.	From or To—	Subject.	
151149	3/27	3rd Div At Subs	G-2: engine troubles will prevent trip to Pensacola; FULTON unsatisfactory as convoy	393-9
152601	4-16	Bd on Changes, New Lon	Extra sets of machy plans: inc cost. N Fwd Dept-- Rec appvl of. 4/20 RB appd 4/26 To Groton-- Fwds copy report; al. vd. 4/29	
154229	4-17 4-23	CO At T. r.p. Flo	Reports on condition and movements of: break-down machy. etc. Fwd Dept-- Noted 5/8	
159221	6-29	CO	Alterations to ice plant, strainer on spare air line to main engine, vapor line from feed tank, change lead steam line to galley, separator on line to gen set. N To NY--Reqd est and rec. 6/30 NY submits est. items 1-2-5 7-3 To NY--Appvs. 7/8	
159749	7-3	NY	Submits estimate for changing location of ice machine, install new condenser, larger distiller pump, shift location boiler, etc. Fwd Dept--Recommendations. 7/7 RB 7/15 To--Auth authozed. 7/17 Fwd C&R-- 8/3 RB 8/6	
161620	7/26	Dept	Date of completion extended to Sept. 30th. Y	
166029	9-15 9-16	NY Dept	Recommends date of completion be extended from Sept. 30 to Oct 16; recommends against ~~half~~ working shifts. Y Fwd Dept--Rec appvl of. 9/18	

FULTON: MACHINERY PLANT. 498-8

Number.	Date.	From or To—	Subject.	
166265	9/20	Dept	Repair li mit extended to Oct. 15. Y	
168999	10-21	Dept	Repair limit Nov 1	
171620	11/17	Atl Torp Flo	States is not seaworthy and is fitted only for duty as station ship where not exposed to rough weather or chances of leaking. DH Duplicate via Dept requesting report 11-20 Fwd Dept--Noted. 12/6	
177838	1-31	NY	Finished plans: alterations and additions; fws tracing. DH To--Ack receipt of. 2/9 To--Fws additional plans. 2/11 To--Reqd action. 6/22	
191916	6-24	Dept	Military inspection. Y Rtd via Ord-C&R-S&A-M&S--Noted. 6/28	
194256	7/14	CO	Alterations independent connection between main exhaust line and exhaust from circulating pump; connect steam fire and bilge pump to main drain; build checker brick side walls furnace of Roberts boiler. DH Fwd NY Via C&R--Work authorized. 7/24 RB 9/26	
211842	1/19	To Key West	Fws full set of vandyke machinery plans of.D	

FULTON: MACHINERY PLANT.

1914

Number.	Date.	From or To—	Subject.
137221	10/17	Dept	K-1-2-5-6 and FULTON : have been organized as 4th Division, Submarine Flotilla; gives home yard of FULTON after commissioning 497
138165	10-17	C&R 30470-E.2	Stateroom: fwds print showing proposed assignments. D Fwd Dept 11-18
140022	11-14 11-17	New London FR	List of finished plans. D To FR-- Approvs. 11/24 New London recd action 12-18 To-- Gives action. 12/22
✓ 141297	12-3 12-4	Cox & Stevens. C&R	Recd authority to publish article. D Fwd Dept--Fwds draft of article. 12/8
142424	12-11	CO	Alterations: safety valve easing gear; reducing valve evaporator line, connections between stop valve, reducing valve and pressure gage; radiator in eng room. N
144536	1-14	New London	1915 Vandyke finished plans; asks if Bu will require negative in lieu of positive reading prints. D To--Vandykes acceptable. 1/16
145720	1-27	New London 132	Vandykes of working drawings: fwds. D.
145709	1-27	Boat	Will be ready for sea Feb 20. Y
145922	1-30	Dept	Date of completion extended to Feb 20. Y

FULTON: MACHY PLANT. 498-8

Number.	Date.	From or To--	Subject.
145983	1-30	FR	Finished tracings: rect shipping instrns. D To-- Will be shipped to St. 2/2 To S&A-- Rect for shipment. 2/2 RB 1/2 FR list of machy plans fwd by express 2-11 To-- Send plans to Groton. 2/25 To S&A-- Rect for shipment. 2/25
146358	2-3	CO	Close fire room, install 2 motor driven forced draft blowers. Install relief doors in side box and casings of boiler; manhole plates; also request auxiliary diesel engine capable of driving 50 kw generator for use with auxiliaries. DN To-- Gives work authorized. 2/8 To Bost-- Rect estimates on above. 2/8
148192	2-19 2-25	Bost Dept	3115-472 Work auth by SE will delay vessel until March 10th; Dept request explanation of authorization without report to Dept. N Fwd Dept-- Comments on. 3/1
149755	3/13 3/13	CO NY	Submit list of urgent work. N&Y Fwd C&R-- 3/17 RB 4/17 To NY-- Gives work chargeable to Govt and contractors. 3/17 To NY-- Gives appro to be charged. 3/22
150894	3-28 3-29	CO Dept	Not ready for sea without help. DN Fwd Dept-- Noted. 4/1
150915	3-22 3-23	At Sub Flo Dept	Relative to delay in securing services of. N Fwd Dept via O&A-S&A-- 4/1
151205	3-31	New London 427	Finished machy plans: fws. D.
151180	3-31	New London 428	Estimate inc cost due to furnishing 5 extra sets of plans. DN Fwd Dept-- Rect app'd of. 4/2 RB app'd 4/7 To-- Change app'd 4/7 To Gen Inapp-- 4/7

Number.	Date.	From or To—	Subject.
89424	2-4	C&R 27735-E.6	Fwds profile and section plans.N
✓ 90958	2-21	New London 251-4	Fuel & feed pump and spray air valves for handling gear: b/p.L.N To---Appl.2/28.
90689	2/21	To FR & New London	Bu requires all orders placed by the FR Co. for material s. all be fwd to Insp. FR through New London Ship & Engine Co. N 498-23
92447	3-12	C&R 27735-E.3	Fwds outboard profile and section plans.N
97250	5-12	FR 1450	Arrangement of machiner in engine and fire rooms: b/p.D To---apld as mod.5/22.
101621	7-15	C-R 27735-E.16	Genl. agr. deck plans; and outboard fittings: print.D. To-- satisfactory 8/4
✓ 104611	8-23 8-23 8-28	Waterbury Castings Co New London 1311-8 Hart	Reqd. waiver of defects in iron castings.3 Fwd Hart- granted 9/3 B&E-10
✓ 105347	9-8	New London 1383-4	Fwds print of Sump tank, starting flasks, guards for oilers and circulating and oil pumps.D To ---auth 9-12

FULTON: MACHY PLANS. 498-8

Number.	Date.	From or To—	Subject.
✓ 106150	9-15	New London 1422-4	Fwds plans forced lubrication, Macomb strainers, fresh-water tanks, main engine parts. D To - gives file numbers 9-24
✓ 106579	9-25 9-26	Beth Steel Co Beth	Bolt material; reqt. waiver if bending test.S Ret -- appvd 9-30 AB 1010
118432	2-21	New London 303	Fwds print indicator gear, valve gear discs, etc. D To -- gives Bu-file numbers. 3/9.
✓ 123807	4-23 4-27	New London Ship & Eng Co Dept	Reqd permission to furnish International Marine Engineering with description and photos. C Fwd Dept. no objection. 5/2.
✓ 131197	7-30	Dept	Repair limit Aug 29.Y
✓ 132282	8-13	New London 1162	Finished plans; asks if satis to submit working tracings in lieu of. D Fwd FR for comment and rec. 8/17. 824 To Groton via FR-- Disapprvs. 8/25
135345	9/25	Lt. S. R. Holliday	Reqd be furnished with two sets Bureau SA standard tables for use on FULTON 634
✓ 137186	10-16	New London	Furnishing of finished plans for: reqt action be expedited. D Fwd-- Reqd further information. 10/19

FULTON MAIN ENGINES

13

Number.	Date.	From or To--	Subject.	
623740	5/13	S&A	Main engine air compressure cylinder of FULTON for use as spares. Suggest allotmt be made covg. X	602

FULTON: MAIN ENGINES:

Number.	Date.	From or To—	Subject.
582201	3/23	Phila	Twds plans of new propelling machy. D To Phila Plans assgd file No; Gives comments 9/13 Phila- Has drawings showing instln of new propelling machy. 2/8 D To Phila Plans assgd file - comments ch 2/16 Phila 4/20 Twds prints showing arrangement & details of tail clutch D
		1922	
605094	1/16	CO	Report on casualty to main engine thrust bearing. Y
605223	1/16 1/18	CO Dapt	Report of main engine thrust bearing casualty, submitting request for alteration. YD. Twds Ctrms 1/21
605359	1/20	Ports (7)	German type main thrust bearing available. D To Ports (7) Request inform rel spare thrust bearing 1/12/21 To Ports- S. M. G. and cc Phila-S&A- C. r. r. s. 15 1/21 To Phila- Gives Action cc Ports- C. r. r. s. 15 1/21 To S&A Request report of thrust bearing from Ports 1/20 To Phila Gives Action 3B 3/11 Y Phila. 2/1 D Phila- Subm estimates cov manufg of new thrust shaft. 2/7 D. To Phila- Item of cr. r. r. s. v. d. 1/11 To Phila ask if demand need 1/7

OVER

FULTON

MAIN ENGINES

1922

Number.	Date.	From or To--	Subject.	
610874	2/22	CO	Report on casualty to main engine YD Copy action to Det. 2/25 YD	
611827	3/22 3/1	CO Dept	Submit report on casualty to main engine- request new main engine air compressor cyl. for 1st engine Det. request A.P. ship cylinder to Phila for 3/1 Y CO FULTON (1) Request issue instrms to L.V. to ship cylinder by express. 3/6 Y	
605359	FROM OVER		Phila 5/4 Repairs to bearing not warranted Y To Phila- disposition of thrust bearing cc CO 5/10	

N.S.E. Form 14.

FULTON: MAIN ENGINES.

Number.	Date.	From or To—	Subject.	
450977	10-10	N L Sub Base	Main engine repaired, given dock trial and is in operating condition. Dept-10;14 Fwd Operations via Navgn 10-20	Y
			-1920-	
482102	5/21	CO FULTON	Report of test of auxiliary oil engine generating set - D	498-8
496603	6-1	To Opers via C&R.	Reqt alterations listed below appvd and ship made available at Phila. D.	
		To Phila Cancells let even date 11-19	C&R - copy of action to Dept - 6/8-D	
		Dept-interchange of engine approved Nov 19-11:30-D	C&R-copy of action to Phila-6:28-D	
		Phila-proposed arrangement of machy fws print with comments on-11:29-D	To Phila appvd	
514780	8:30	Phila	To Opers Reqt action cc Phila 11-8	
			To Opers Gives inform re shipmt of engine 11-18	
			Exhaust system and sea chest-reqt prints. D	
			To Phila Gives inform re plans of machy 9-30.	
5				
496603		SEE ABOVE (1)	To Phila Reqt to to turn 1th list of all auxiliaries 1 ves listing kind of driving gear and a requisition for a reqd 5. 12-7	
		To HQ Phila Gives inform 1/28/21	To C&R Gives inform 12-13	
		To Insp'r NL Gives instrns 2/12/21	To EC Phila via Comdt 12-23	
		To EC Phila via Comdt Gives inform re s ipmt order 2/17	C&R-effective hp curve-fws prints-1:5-D	
		Phila-proposed arrangement of machy fws prints-3:16-D	To Phila ask probable date of finding propeller 3-11	
		To EC Phila via Comdt 2/18	To Phila 11-11 ten days from date 1/13/21	
		To EC Phila fws Vandykes 2/19/21	Phil-1:12-D	
		Phila-fws prints-3:12-D	To Phila fws cc of est 1/24	
			Insp'r N London-2:26-D	
			To Phila fws Vandyke 3-1	
			To Phila Gives instrns 3-1/21	

Number.	Date.	From or To--	Subject.
529608	2/14/21	To S&A	Reqt shipmt of cylinder, Niseco engine from Brook to Phila 6310 322-9
496605 ³		SEN OTHER SIDE To Navy Sup Dep 3-17 RB-3:21 copy RB-3:22 To Comdr NY- Considers re-ge-4:16 sign of new propellers 8/19 Do	Fwd O.I.C Brook- Re Shipmt of auxiliaries for Niseco engine for- cc E Phila Y RB-3:22 To Dept Reqt Authy to instl engine and to purchase suitable flywheel and governor 3/25 RB-3:30 NSD-4:1 Y To S&A Reqt report 8/3 Do
555184	4/12	Fwd Opsvms	Re Readiness of material cc Phila Y
565000	4:25	Smith and Serrell	Frankie flexible coupling bought by NY yard for one purpose and used for another purpose- probable cause of failure of D
570015	6:15	Insr M London T	Reqt authority to ship by express fly wheel for to Phila To S&A Reqt shipmt of flywheel from NL to SO Phila 7874 5/17 To Comdt Phila Flywheel 7/23 Ym Phila returns copy of shipment order June 17-8:3-Y Reqt disposition of scavenger cylinder liner of a for Ym to Mr-in-Charge- Rqsts further inform 8/3 Ys to SO Brook- Reqt rings be fwd 8/16 Ys Phila 6/31 Reqt disposition of scavenger cylinder on order for L-1 to 4. Y Fwd S&A 9/5 Ys
577964	7:29	NSD	

FULTON MAIN ENGINES.

Number.	Date.	From or To—	Subject.
355206	10;1	Charleston To operations	Confirms telephone conversation relative to cylinder matters Y
374031	12;2	Exp. Station	Preliminary report on test of 1153 cranks shaft forging for S To Insp Pitts. Re crank shaft forging. 12-4 Ins. Pitts. copy of instructions to Erie 12-6 8
388633	1;24 3;25	CO Phila	Rest. Mfg. tubes for fresh water cooler and air cooler on main engine Y Fwd Phila. 1-28 RS 4;5 To Comdt Phila. copy to CO-Lists work repts inform if can be done at Phila. 3-20 RS 4;5 To E.O. Phila- Fwd prints. 3-29 To Comdt Phila- Auth work - 4/7
397274	2;20 2;28	Exp. Stat Pitts	Test 115. - B crank shaft forging fws test-report S Q Insp Pitts- Acceptance auth etc. 2-25 +
408335 2	4/4	N Lond Base T	Main engine scavenger cylinder cracked - request authority to order new one - Y To CO- Bur sees no reason why this cannot be mafd at Phila Yd- 4/5 To N Lond Base (T) Disapproves purchase- 4/5

FULTON: MAIN ENGINES

Number.	Date.	From or To—	Subject.
409015	4:7	4th dist.	Copy - FULTON HAS STRIPPED GEAR on crank shaft Y
409015	4/7	3rd Dist T	Engines disabled - Y
410160	4:9	NI Fwd Comdt Phila. 6-30 To S.O. New London- Advise if material received. copy to CO. 7-30-RB-8:6	Req. auth. to obtain main engine scavenger cylinder for operating valve mechanism for repairs Y To Comdt Sub Base New London- Repts submit reqn to get in gear from Boston gear works. copy to Comdt Phila. 4-13 To Comdt Phila- Repts mfg immediately two main engine scavenger cylinder liner castings, copy to S.O. New London. 4-13 RB 6-13 To S.O. Repts submit 2 scavenger cylinder liner castings from Phila to FULTON. 4-14 RB 7-51 Phila 6/30- Submits report re shpmt of main engine cylinder liner castings.
411038	4-17	To Westinghouse and General Elec Co's GE Co-7:28 Westinghouse EAM Co-submits proposition with prints. 8:13 Westinghouse EAM Co-submits revised data-9:2	Installation of elec drive. Inform if in position to bid on this installation. Dt Westinghouse EAM Co will submit quotations 4:21 G E Co- Recommends use 750 KW Turbo Generator set without exciter - Westinghouse EAM Co submits proposal covering installation of propelling equipment with prints 6:2 Westinghouse EAM Co furnishes description of equipment with drawing 6:27 D
3-481	6/16 6/13	3rie For a Co Inner Pkts.	Shows print showing slight errors in crank shafts for 20,000- r.p.m. at a cent- ance. 3.
440242	8-19	To C&R	Changing of main Engines. Plans for the new installation will be furnished as soon as completed in this Bureau. 8-19 RB-8:23

1918

FULTON: MAIN ENGINES.

Number.	Date.	From or To—	Subject.	
274584	1/5 1/17	CO Dept	States main engine disabled for removal of cranked crank shaft wd Operations (material) - A-18	
✓ 283857	2-20	C O	Crank shaft for main engine - states chattering of ends to conform to old shaft will delay completion about 2 days. D wd via Comdr Sub Force. 2-27 R B 3/13	
32546	2-20	Insp. Erie & Insp. NYDP	wd's, sketch of material on crankshaft for the FULTON; excess left; request instructions. D.	in-629.
32546	3-2	S&A.	Copy of letter to Erie Forge Co. directing that excess material on shaft for the FULTON be removed and amount deducted from the invoice.	629 S.
293971	3/16	CO	Manuf one second stage air compressor cylinder for main engine - Y to LY- work auth as req'd. 4-2	
✓ 297900	4/6	CO	Request 2 forward sections of scavenger pipe main engine. To LY—A uth work. 4/16	
297118	4/11	Atl Sub Flotilla	Ready for distant service - requires muffler valves - A	498-8

FULTON: MAIN ENGINES) 498 - 9

Number.	Date.	From or To—	Subject.	
304646	5/7	CO	Request manuf one spare main driven cam shaft gear for main engine - Y To NY- Work req'd auth. 5-9	
298792	4/18	To Atlantic Fleet	Sub Force--Request that crank shafts be machined to furnish dimensions and store 45 - NY	498-14
34175 0	8-27	To NY	1st survey of disposition of crank shaft to rept. 8-27 NY - 10/17	
344923	9-5	Phone Chasn	Comments on cracked piston head and cylinder heads Phone NY re shaft engine cylinder head Pattern: 9-5 Phone NY re patterns for 9-6 Phone Ingar Doton, re mfg of main engine cylinder head, 9-6 To Ingar Doton, re mfg of cylinder heads, 9-7 Charleston 9-6 telegram patterns for correct design received To Ingar Doton, re main engine cylinder heads, 9-10 To Chasn (T), 9-5 To Ingar D L, re mfg of main engine cylinder heads Phone Ingar D L, re mfg of above, 9-6 Phone NY re patterns for, 9-6 To Chasn	
343991	9/16	CO	Let Lt Jansen be authorized to issue cylinder head for use as above To Chasn (T) mfg authorized, 9-16 To CO, re spare cylinder heads, 9-17	

FULTON: MAIN ENGINE S.

1917

Number.	Date.	From or To—	Subject.	
264421	10/9	CO	Manuf working cylinder for main engine and six battery links for piston cooling system Y	
		To NY- Urgent repairs under Bureau S E 10-13		
32	10-12	To Erie Forge Co	Reqt expedite fwd section of crank shaft for	629
32546	10/19	Erie Forge Company	Suggests forward section of crankshaft for the FULTON; will be forged Oct 27th.	629
262329	11-24	To NY (T)-	* After form E-S-E 131 card 19 Nov. 21 wire source section of crank shaft. Is not this for FULTON. 11-24 NY (T) reports received from New Orleans for transshipment to MARIAS. 11/24	
263938	11/28	Sub Force - T	Crank shaft broke in No - air compressor - D	
		To Pitts- (T)-Wires earliest date forward crank shaft sup contract 26546 can be delivered. 12-3	To Erie Forge Co. Best Jan 1st. 18 will take steps to expedite. 11-30	
		Phone New Lond- asked status crank shaft. 12-7	To Pitts- Directs to expedite inspection and shipment of crank shaft. 11-30 MB 12/6	
		Phone NY- 12-11	Atl Sub Flotilla - asks earliest date of delivery; should be expedited even at increased cost. 11/30 - D	
263489	11-28	Phone Sub Force ATL FLT- 12-12 To NY	Crank shafts. Ends plans. 11-28	D
265897	12-8	Phone New Lond	Crank shaft for. Asked information relative to. Y	

FULTON: MAIN ENGINES. 498 - 9

Number.	Date.	From or To--	Subject.
266189	12/1	CO	Fractured crank shaft - request that replace shaft be accepted - Y To- FWds prints. 1-9
266189	12/1	CO	Submits report on fracturing crank shaft main engine - D To CO Sub Force CHICAGO-12-17 RB 1-5
263935	12-13	SEE OVER	Phone NY- Yd will require 40 working days to machine crank shaft. Y To Pitts-12-17 RB 12/26 ~~To Pitts-12-17 RB 12/26~~ To Pitts-advise if shift will be made Jan. 2-12-26 Phone NY-Crank shaft to be completed on or before Feb. 27th. 2-11 To S & A- Reel ship one fwd section of crank shaft from NY to AT. RM. 3-26 Phone NY- 2-26 & CO RB 3-5 Y
32546	1-8	To Pitts	Auth accept of crank shaft forgings on contr for FULTON.

629

FULTON: MAIN ENGINES.

1910

Number.	Date.	From or To—	Subject.
188503	5-16 5-20	At Sub Flo Dept	Oldham coupling is injuring main engine; request removal. D Fwd NY--Appva recommendations. 6/3 To NY--Appva installation. 6/12 NY Franks coupling; will proceed to install after July 16 6-28 Fwd Dept-- 7/1
190792	6-5 6-13	CO At Sub	Reports crack in water jacket No 6 cylinder main engine.
197362	8/17	CO	Request spare cylinder for main engine. Y Fwd NY 8-24 RB 9/18
✓ 201345	9-28	CO	Reports cylinder head No 6 main engine cracked. Y Fwd NY--For action. 10/7
Reqn 108	2/8	To CO	Proprietary reqn for purchase of engine piping; disappvd. D
✓ 215907	2-15 2-22	CO At Sub	water jackets of main engine cylinder heads cracked; Fleet Commander states oxy acetylene acetylene welding unsatis; request NY repair elec arc welding. Y Fwd NY--Appr 2/26RB 3-6 Fwd At Sub--3/6 RB 3-14

FULTON: MAIN ENGINES.

Number.	Date.	From or To—	Subject.
✓ 238488	7/12	CO	Request that coupling between main engine crank shaft and main generator shaft be re-arranged and thrust bearings provided in the generating shaft Y Fwd NY—7/16 R B 7/30 D To NY—Reqd add'l copy of plan. 6/7 To NY—Plan apprd. 8/15
✓ 245489	8/20	CO	Strained forward section of main engine crank shaft Y Fwd Dept—8/24 R B 8/28 Fwd NY—8/29 R B 9/12 To Sub Base—(T)Work auth. 8/29 To NY - Bureau take steps to provide new crank-shaft for FULTON. 9-13
✓ 245275	8/24	CO	Manuf working cylinder Y Fwd NY—8/30 R B 9/30
248000	8/30	CO	Request spare crank shaft be furnished - Y To Atl Sub—Are providing. 9/17
✓ 249730	9-8	Dept	Sent to Ny for repairs about Aug 14th. Y

1915

FULTON: MAIN ENGINES.

Number.	Date.	From or To—	Subject.
✓ 146721	2-3 2-6	Bost S&A	K-5-6: lub oil and fuel oil: fwds bills. N Fwd S&A--rec payment. 2/10
✓ 152510	4-10	Lisle, T.O.	Results of 48 hour shop test: apparent discrepancy: reqt corrected data: N To-- Gives data on 4/19 Lisle corrects Bu figures 5-23
155479	4/10	Gen Elec Co	Relative to dimensions of 50 kw oil engine. D
✓ 159719	7-1	CO	Cylinder heads 1 and 2 cracked: reqt contractors replace. N To Groton--Reqt contr's replace. 7/10 New London--will expedite 7/25
160604	7-14	NY	Spare air line: strainer for: plan. Reqt. DH
160676	7-13	CO	Post trial exam. -- main eng. air compressor cooling pipes 498.2
161222	7-17	CO	Main engines: reqt jig stand for lining up piston and connecting rod: print. Y Fwd Dept-- Reqt disappvl of. 7/22 RB 7/24 To Via NY & Atl Sub Flo--Disappva. 7/24
165810	8-13	NY	Air cooling coils for engines: contractors agree to pay for repairs but refuse to pay for cost of new: yard submits estimate. IN To-- Comments on. 9/16 RB 9/25 NY identifies coils tested and repaired by Yd.; have no instrns. to supply new set of coils. 9/20.

FULTON: MAIN ENGINES. 498-9.

Number.	Date.	From or To—	Subject.
✓ 167399	10-4	CO	Air compressor air cooler coils; New London Company states not responsible; should be covered by regn if desired; reqt instructions. N To--Instructions. 10/12
✓ 170530	10/28	CO	Reports crack 10" long in outside wall of water jacket cylinder #1, main engine. N Fwd Groton--11/8 RB 11/26
172032	11-23	To CO.	Piston cooling; reqt data on operation of. D-H CO gives data relative to 12/16 To--Reqt further statement. 12/18 CO gives data on time of revolutions, etc. main engine had been in operation 12/27
161355	3-11	To Dept.	Recommend operation of machinery for the purpose of securing data relative to Diesel engines. D
182012	3-11 3-16	CO At Sub	Main engine piston; crack in; probably due to failure of lubrication. DH To CO--directed to survey damaged piston and submit regn on home yard for spare 3/21
182607	3-23	CO	1810 Reqt authorit. to turn in cracked engine cylinder and cylinder head for scrap. D. To--Appvs. 3/25
✓ 185684	4-17	CO	Main engine piston; tip of inner piston broken off; probably caused crack in main piston; poor welding. D

FULTON: MAIN ENGINES.

1914

Number.	Date.	From or To--	Subject.
134550	9-15	New London 1332	Additional air flask; recommends question of furnishing be held up until after prelim trial.D To-- Instructions. 9/17 Fwd FR-- Fwds copy above corres. 9/17
134730	9-17	New London 1331	Main engine: shop test; fwds report. D
134756	9-16	FR 3040	Additional air flasks; arrgt made to supply; recommends be allowed to hold official trials without awaiting installation. D To-- appvd. 9/19
134798	9-17	New London 1351	Reverse clutch cylinders and details: plan.D To-- Gives Bu file number. 9/28
136113	10-2 10-5	New London Ship & E Co. Solicitor	Reqt representative from American Soc Navy Architects be allowed to witness engine tests.D Fwd Dept-- Comments. 10/6
136232	10-6	New London 3211	Recommends installation of 75 kw generator driven by 4 cycle oil engine for use in charging air flasks main engines.D To Bd I&S-- Reqt be tried on trial. 10/20 To FR-- Matter called to attention of Trial Board. 10/20
137568	10-19	FR 352	Starting air for main engines; nothing on vessel to provide; recommends installing belt driven air compressor in machine shop. D

FULTON: MAIN ENGINES. 498-9

Number.	Date.	From or To--	Subject.	
✓ 138417	10-27 10-31	New London Dept	Shop test of Diesel engine; recd authority to publish in ~~Common~~ accompanying article. C Fwd Dept--No objection. 112	
✓ 140513	11-25	FR	Reports on trial of main engines, doubtful if vessel can be delivered Nov 3. M	
141098	12/2	FR	Reports of maneuver of main engine in connection with trials	498.2
✓ 141418	12-2	FR	States engine had to be reversed back and forth 15 times to reduce air pressure to 200#. D	
✓ 142732	12-22	Nav Acad	Trials of Diesel engine; recd copy of. D. To-- Swds. 12/26	
✓ 142846	12-21 12-23	New London Co. Dept	Recd permission to furnish Rudder Pub Co. with drawings of engine for publishing. D Fwd Dept--Rec authority be granted. 12/26	
✓ 144846	1-12 1-16	CO At Sub Flo	1915 Recommends installing additional heavy oil engine in lieu of additional boiler; states Roberts boiler installed will not answer requirements. D	
145844	1/29	Exp Sta Test 505	Texaco Ursa oil for use on engines of FULTON; report of test	692

FULTON: MAIN ENGINES.

1914

Number.	Date.	From or To—	Subject.	
✓ 125889	5/27	New London T	Split bushings give trouble; requests permission to use solid. D	
✓ 126024	5/27	New London 779	Reports split bushings nipped wrist pin of scavenger cylinders; recommends solid bushings. D To---Bu prefers split bushing design. 6/3	
129828	7/13	New London	Heavy oil engines; recommends officers be detailed to observe and study operations of; for SUBS and FULTON	639
130040	7/14	New London	Exhaust pipe and details and expansion ring of main engines: fwd's plans. D To---plans disappd. 7/23.	
130041	7/14	New London	Fwd's engine plans. D To---appd. 7/23.	
130142	7/16	New London 1038	Acceptance 48 hours shop trial main engines. Recommends trial be run over due to minor defects. D	
130141	7/16	New London 1037	Report on 48-hour full power trial of engine. D To---requirements of trial. 7/18.	

PULSON: MAIN ENGINES: 498-9

Number.	Date.	From or To—	Subject.
130624	7-23	New London T	Contractors reqt permission to run 48 hour engine trial prior to 4 one hour trials; recommends approval.D. (T) to--requirements. 7/23.
130582	7-23	New London Co. T	Reqd authority to make 48 hour test before shop test.D
130814	8-26	New London T	Engine: made excellent non-stop 48 hour run; water cooling system leaks slightly; will remedy; reqt instructions re making another 48 hour run. DM (T) to--require contractors make absolutely tight. 7/27.
131107	7-28	New London	Reports on engine trials.D
131377	8-1	New London	48 hour engine run: completed July 26; only defect slight leaks in fresh water system; 40 pounds pressure.D To--requirements. 8/6
✓ 131676	8-5	New London	48 hour engine run: fuel oil used on; fwds sample for analysis.D Fwd Bost. request analysis be made of oil. 8/8 for reply see 132990-198-2 from Bost New London reqt action (T) 8/28 To-- Gives report of test. 8/29
✓ 132846	8-22	New London	48 hour non stop run of engines completed; shows improvement over previous runs; dismantling for weighing. D
133951	9-4	New London 1301	Strainer for engine spray line, and special engine tools.D To-- Gives Bu Nos. 9/16

FULTON: MAIN ENGINES.

1913

Number.	Date.	From or To—	Subject.	
✓ 104429	8-21	New London S&E Co	Crank shaft: defective: recommends rejection. S	
	8-22	Insp	Fwd FR. recom. acceptance 8/29	
	8-23	FR 2620		
104470	8-26	New London 1284	Plug for engine air starting flasks: b/p.D TO -- 9-12	
104763	8-29	New London 1315 - 4	Arr. machy. etc. D N.L. rect. action 9-12 TO -- instructions 9-13	
✓ 104829	9-2	New London 1331	Main engine: Fwds print and description of franchise coupling proposed for use on Governor between m.f. engine and main generators. D To Insp. N.L. will only approve on Contractors responsibility 9-11	
105347	9/8	New London	Fwds print of sump tank, starting flasks, guards for oilers, etc	498--8
106150	9/15	New London	Fwds plans forced lubrication, etc.	498--8
✓ 106297	9-22 9-23	Waterbury Castings Co. Hart	Iron castings for: rect. that waivers be granted on castings that passed regular requirements of Navy Specs. S Ref. Insp. N.L. have Contrs. write letter for author. to make change 10-1	10-17
✓ 110325	11-12	FR 3501	Floor plates, ladders, gratings in eng and fire rooms: prints. D To --- apd. 11/22	

FULTON: MAIN ENGINES: 498-9

1914

Number.	Date.	From or To—	Subject.	
✓ 115899	1-23	New London 153-4	b/p Scavenger valve: fwds.D To---Gives Bu file number.2/2.	
✓ 122251	4-11	New London	48 hour shop test of engine: contractors have not a sufficient number of indicators to take indicator cards simultaneously. Request instructions. N Fwd Bd I&S. for comment. 4/14.RB 1.11	BELOW
122730	4/17	To New London 4/22 Fwd. Dept. 4/22 To New London	Advisable to purchase and keep in Trial Board outfit for use on Diesel engines a set of indicators. Not take simultaneous cards from all or a no. of cylinders, etc. Engines: request report when shop tests will take place. N	
✓ 122787	4-18	New London	Shop test of engine started Apr 15; will continue 2 weeks. N	
122865	4-18	New London 595-13	Main engine tests: at least 2 weeks before ready for shop test. N	
122251		SEE ABOVE	New London 4/29: contractors are arranging to provide indicators for shop test. Schaeffer & Budenberg are only concerned furnishing suitable indicators. N	
125587	5/23	New London T	48-hour full power run engine; will start May 26th. D	

FULTON: MAIN ENGINES.

Number.	Date.	From or To--	Subject.
94912	4-11	New London 501-4	Fwds wrist pin plans. N To---a. l. with mods. 4/19 To---instruc- tions. 6/17.
95062	4-17	FR	Main engines: fwds print of cam and vertical shafts, and lub. oil pump, etc. N To New London--appd. 4/19
✓ 95853	4/25	New London 577-4	Wrist pins for main engine; forwards con- tractor's comments re change in composition of. N To---requirements. 5/26.
✓ 95963	4-25	New London 578-4	Main engine spray valves for: fwds b/p. N To---appd. 5/6.
96498	5/2	New London 606	Cylinder head: fwds prints with comments of Inspector. D To---appd. 6/7.
96677	5/6	New London 611-4	Fwds plans showing proposed changes in wrist pin brasses for main and air compressor con- necting rods. D
97244	5-13	New London 685-4	Internal oil piping for working piston cooling oil; b/p. D To---appd as mod. 5/15.
97854	3-21	New London 726-4	Main engines: fwds plan of working and scavenger pistons, Governor rods, handling gear, etc. D To---appd. 5/24.

BULTON: MAIN ENGINES: 498-9

Number.	Date.	From or To--	Subject.
98122	5-24	New London 763-4	Clutches; fwd's print. B To---plans appd. 5/27.
100115	6-21	New London 905-4	Fwd's prints engine valves, handling gear, rocker arm, etc. D To---appd as mod. 7/1.
101113	7-8	New London 1004-4	Cylinder relief valves; b/p.D To---appd. 7/16.
101104	7-8	New London 1003-4	Air starting flask for main engines; b/p.D To---appd. 7/16.
101205	7-9	New London	Fwd's engine plans.D To---Gives file numbers. 7/17.
✓ 101426	7-8	New London 1018-8	Iron castings for cylinders; contractors claim delay in securing presence of inspector at Waterbury Castings Co. S Fwd Hart. for comment. 7/14. RB 7-19 Ret.---7/21. RB 7-26
102686	7-29	New London 1129-4	Handling gear; valve diagram and cam set; fwd's appvd. prints.D To---Gives Bu file numbers. 8/5.
✓ 102764	7-31	New London 1146-4	Water and oil cooler for lubrication; b/p.D To---appd. 8/5 New London gives list of changes in specs involved. 8-12

Number.	Date.	From or To—	Subject.	
✓ 54467	11/25	To New London	Rect lubricating oil capacity of submarines 32-35 or 36-39, re stowage on. D	
54773	11/27	New London	Gives capacity of lubricating oil tanks on Subs. 32-35 for use in figuring capacity of oil tank. D.	
			1912	
59785	1/26	Bussg Sulzer Bro	Rect auth. to construct at works at Winthur. Fwds to Dep't. rec. purchase of material abroad be permitted.	498--1
			1913	
68767	1-28	C&R 27735-E.2	Arr. of engine; fwds contract plans New London Ship & Engine Co.D.	
90965	2-20	New London 246-4	Fwds plans of engine parts.N To---appd as mod.3/1.	
✓ 91264	2/25	New London 282-4	Main engines: fwds miscellaneous plans.N To---appd.3/10 To---instructions re wrist pins.3/14.	
91344	2/27	New London 290-4	Engine plans: fwds.N To---appd as mod.3/7 To---par 3 of letter of Mar.7th withdrawn, and crank shafts are appd as shown.3/14.	
91335	2/27	New London 288-9	Crank shaft: requests certain tolerances.N To---appd.3/6.	

FULTON: MAIN ENGINES: 498-9

Number.	Date.	From or To—	Subject.
91534	2-28	New London 296	Engine plans; fwds misc.N To---appd as mod. 3/12.
92230	3-10	New London 338-6	Material for construction of main engines; gives title used on drawings and corresponding Govn. abbreviation.1 To---comment and requirements. 3/14.
92450	3-12	New London 350-4	Housing for main engines; fwds prints.N To---appd. 3/22.
✓ 92590	3-14	NYS 357	Crank shaft; reqt. approval of plan as submitted; higher grade material not necessary.N
92774	3-17	New London 373-4	Nickle plating of springs for main engine.N To---requirements. 3/22.
94028	4-1	New London 444-4	Engine clutch details; b/p.N To---not appd. 4/10.
94137	4-3	New London	Scavenger valves; b/p.N To---appd as mod. 4/11.
94481	4-5	New London 467-4	Main engine; fwds print of mufflers.N To---appd sub: to mod. 4/16
J 94564	4-8	New London	Main engine; fwds plan relief valve, com- pressor valves, splash plates, and turning gear. N To---appd. 4/15.

FULTON

BOILERS

1922

Number.	Date.	From or To—	Subject.
640070	8/24 8/29	CO Atl. Sub.	Request remove forced draft blower from present location and reinstall on starboard after fire room bulk head. D. Fwds CO 9/19 BB 10/21 Y To CO- reqsts for estimate 10/26
640046	8/24 8/29	CO Atl. Sub	Request install asbestos lagging on under side of berth deck. D Fwds C&R 9/6 DE

[illegible]

Number.	Date.	From or To--	Subject.
537538	Phila- 8/15	SEE CARD 5 Material received 8/11. Y	To S&A Reqt shipmt of heater from Boston to Phila 7068 4/19 Y To S&A Reqt shipmt of fuel oil heater from Norfolk to Phila 7117 4/22 RB 5/28 Y S&A two feed pumps fwded from MSD April 5 to Phila 4/29 Y Phila-copy of action to Dept-5;5-Y To S&A Reqt shipmt of material from Squantum to Phila 7478 5/18 Phone to Phila- re boiler for eagle boat 5/18 To Phila Gives action taken 5/18 Phila-confirms telephone conversation in connection with shipment of boiler for-5;17-Y Phone to Phila- Gives action 5/20 Phila-confirms telephone conversation relative to boiler for-5;13-Y To Comdt Phila- Asks if mtl has been recd 8/3 Y To Phila Boilers Gives action 5/13 Y Phila-submits estimates-5;17-Y Phila-submits estimates-5;21-Y To Phila increase in estimate 5/25 To SU Ports Reqt Inform 5/31 Ports-5;11-Y
525285		SEE CARD 5	
579000	9:10	Phila	Reqt replace present evaporators with two others of navy type-D To CO reqt definite info 8/12 To S&A Reqt shipmt of Distilling Plant from Phila 11/2 RB 12/5 D Dept-copy of action to CO-11;3-D Fwd CO-via Phila-1:13-D 1/5/22 Fwd Overns 12/13 RB 12/23 D To CO- Asks status of material 2/18 RB 2/23 Y To CC Gives action taken cc S&A Phila- Atlantic 3/4/22

589730

over

9:10

10:4

CO
Atl Sub Flo
Dept

Reqt replace present evaporators with two others of navy type-D

To S&A Reqt shipmt of Distilling Plant from Phila 11/2 RB 12/5 D

Dept-copy of action to CO-11;3-D

Fwd CO-via Phila-1:13-D

1/5/22

Fwd Overns 12/13

RB 12/23

D

To CO- Asks status of material 2/18 RB 2/23 Y

To CC Gives action taken cc S&A Phila- Atlantic 3/4/22

1921

Number.	Date.	From or To--	Subject.
✓ 595924	11/2 11/15	O Dept	Request auth to relocate ship Evaporator - C&R - 11/18 Ord Opns via C&R Order 11/18 BB 12/14 with sketch D C&R- Copy action to Dept/ 11/30 D. To Phila- 1; 13-Pt C&R- Copy action to Phila 2/15 D
60			
602212	12/27	C&R	Copy of letter to Phila. authorizing instln of Griscom Russell Co. evaporators. D
588730	FROM OVER		30 3/5 D. To CO- comments on evaporators cc Phila 3/18 Phila- CO request auth. reversion of present To CO Recd and approved cc Phila 4/1

FULTON: BOILERS.

FILE No.	From or To— (Dated)	Subject.
273732 1/14	Almy Water Tube Boiler Co.	Fwds prints of boilers - D to - fws prints as reqd. 1-28
280659 2-9	Almy Water Tube Boiler Co.	Boilers placed on car Feb. 8th. X Will send a man to install. D&Y to Mass (T) - 2-14 Fwd New London. 2-14 Mass (T) - Recommends insp of boiler at N Lond - S-2/14--RB--2/23
272268 2-9	To CO SNE CARD 4	Boiler for order placed with Almy Water tube boiler Co. Ship to be completed not later than March 1, 1918. Y
547577 2-13	CO	Requesting inspection to authorize to install To Clean (T) Installation authorized, 9-13
480867 3:8	CO	Request authorize replacement of steam turbo for evaporators. D&Y to - replacement should be obtained on a suitable reqn. 3-13
501354 10:11	Phil	Request info rel to boilers being furnished. Yal 493-3

498-10: FULTON: BOILERS:

525205 10:22 Phila
 Phila-fwds copy of anti to 7-1;7-D

To Phila Fwds Vandykes 1/24

To SC Phila via Comdt 1/25/21

To Phila Fwds shipmt order- gives shipmt

Philas plans urgently needed-4:8-D

534729 12:10 E.Ball

Relative to conference on condition and
 suitability of boilers for present purposes.D

To Phila Fwds 1/24-6

Phila-fwds copy of conversation held in connection
 with boiler-12:20-DAY

To Phila Fwds 1/24-6

Phila-distribution summary of elec sys-fwds
 various parts-1;7-D

In connection with payment for water furnished

FULTON.M&K

To-- Gives Inform 12-21

537066 12:27 CAR

Copy of letter to Phila in connection with
 replacing boiler installation of board with
 boiler from eagle 25.D

Copy of action to Phila-1;14-D

557538 1/11/21 To S&A

Wto S&A Recst shipmt of heater oil
 from Boston to Phila 6872 4/6

To S&A Gives inform re shipmt 4/5

Boston 4:13-Y Phila 4/8 RB-4;13

544137 2/3 To S&A

Recst shipmt of boilers from parts to Phila

3814-Y

To SC Phila Ask if shipmt recd 3/17 RB-3;22-Y

Fwd S&A 3/24 RB-4;2-Y

To S&A Recst shipmt of yamps from Brook to
 Phila 6871 4/6

Recst shipmt of draft blower from Norf to
 Phila 6183 Y RB 3/5/21

To S&A Gives Change in serial number cc 30 Norf-

Phila CO 2/7/21

Phila-fwds draws showing forced draft blower-3;12-DY
 Phila-submits estimates-4;1-Y

Fwd SC Squantum 4/7 RB-4;13-Y

Fwd Phila 4/16

Phope to SC Norf- rel sheet metal blower casing

To SC Norf- rel undesired material 6/24

To SC Norf Camels correspondence
 listed 6/30

To Phila Recstmat be turned into
 store 7/2

Norf- 7/5- cane as reqstd Y

FULTON: BOILERS.

Number.	Date.	From or To—	Subject.
✓ 176420	12-8	CO	STAT'S Army water tube boiler recently installed; will not produce steam sufficient to run auxiliaries; besides being dangerous: recommends installing Talbot boilers, and Purefoy oil burners; rec'd be expedited. DH Fwd Dept--Recommendations. 1/18
✓ 177441	1-26	CO	Gives results of test of Roberts and Army boilers with different types of oil burners; states neither boiler will operate efficiently and request new DH Cross to 16.
178677	2/11	To CO	Omissions in log; safety valve setting 680
Y 191839	6-1 6-12 6-24	Army WT Boiler Co. FULTON S&A	Request payment of balance due; ship reports boiler unsatisfactory. DHS S&A request action 7-7 Fwd S&A-- 7/12
198794	8-26 9-8 Fwd CO 11-6 Fwd C&R 11-17	NY C&R B B 11/15	Fwds plan and estimate in connection with installing boiler room air lock in connection with forced draft blowers. D Fwd C&R-- Plan satis to Bu. 9/14 NY - relative to installation of air lock 10/18 D
✓ 207223	11-23	CO	Request cast iron furnace opening and holders for oil burners on both boilers; realign casing over Roberts boiler. Y To Host--Gives action to take. 12/5

FULTON: BOILERS. 498-10

Number.	Date.	From or To—	Subject.
215936	2-8 2-23	CO At Sub	Roberts boiler; submits report on; fleet commander recommends removing both present boilers and installing ~~steel~~ better type; has no data on Tallot boiler suggested. D And Do: 1-2/22/1 1-7 And NY--1/8
265480	12/1 12/4	CO Atl Sub Force	Roberts boiler - reports on condition of and fwd's sample Y Roberts Safety Boiler Co--1/2
271002	12-29	To Roberts Boiler Co.	Confirms telephone information that have no man available to send to New Lond to confer with CO. Rel to repairs required to Roberts boiler plates due to large amount of work on hand for France. Y
271171	1/3	Almy Water Tube Boiler Co	Boilers - quotes price - D Proposed to use commercial safety valves other trimmings will be satisf. 1-9
271174	1-9	To Almy water Tube Boiler Co.	VOID
272268	1-9 CO--2/1	Phone CO In line inquired if new Almy boiler to be purchased was same size as old now on board. 1-15	Boiler has made arrangements to purchase Almy boiler to replace defective Roberts boiler. Y Boiler - needed new boiler be an oil burning. 1-15 Atl Sub Force 2/14

FULTON: BOILERS.

1915

Number.	Date.	From or To—	Subject.	
✓ 153691	4-28	NY	Additional boilers: fws plans showing proposed re-arrgt of fire rooms: rect instructions re uptakes, smoke pipes, and additional fuel oil pumps.N To--Appvs proposed rearrangement. 5/5	
155016	5-14	NY	Additional boiler; fws print showing proposed location brick work.N To-- Appvs. 5/17	
150912	5-27	Dept.	Boiler explosion - relieves Contractors of responsibility for	498-2
156956	6-5	NY	Estimate for installing Almy boiler. Y Fwd Dept-- Rec appvl of 6/7 RB 6/9	
✓ 157473	6-11	NY	Reports receipt of Almy boiler.N	
✓ 157714	6-11	CO	Reports on poor condition of boiler; rect survey be called on. Y To NY--Rect examination of boiler with comment and rec. 6/15 To CO--fws copy above. 6/15	
159749	7/3	NY	Estimate for installing new distiller pump; shift location boiler	498-8
160792	7-15	NY	Test and examination of Roberts boiler.N To CO-- Additions of boiler spares on allowance. 7/22 RB 8/3	

FULTON: BOILERS. 498 — 10

Number.	Date.	From or To—	Subject.
161599	7/26	NY	Reqt authority to purchase feed water heater on proprietary requisition from Griscom-Russell Co. N To-- Auth to purchase. 727
161622	7/27 7/28	CO NY MAR	Fit smoke stack guides with turn buckles. N To NY-- Appval. 7/27
164835	8-30	NY	Additional estimate for boiler work. N To--Add allotment gratned 9/10
164926	8-30	NY	Submit additional estimate for examination and testing Roberts boiler. Y
165292	9-7	CO	Top casing of new Almy boilers; reqt be redesigned. D To NY--(R). Make alteration deemed absolutely essential for safety. 9/9
167286	9-28	NY	Boiler work: additional estimate. N To-- Auth work. 10/5
173558	12-4	Phila	Almy boilers: reat drawings. D To NY reat vandykes, 12-15 12-15 Phila- Reat action. 12/27 To NY--Rec action. 12/27 To--Fwds print. 12/31
174414	12/18	CO	Gives reasons why report on boilers was not submitted earlier and reports additional leaks from boiler; requisition 85. Y To--Reat copy of reference: not rec'd. 12/29 CO fws copy of corres 12-31 Fwds print showing furnace arrangement of Almy boiler, method of installing oil burners, etc. DE (Cross to 16) To--Reat tracings of above. 12/30 NY fws tracing 1-4
174944	12/24	NY	

FULTON.

1915

Number.	Date.	From or To—		Subject.
✓ 145015	12-20	Bost	T	Boiler exploded, completely wrecking casing brickwork, water column and other fittings.C
145159	1-19 1-21	Bost Dept	R	Explosion firebox boiler; one man seriously injured. N Fwd Dept-- Have auth necessary repairs. 1/23 To Bost-- Auth necessary repairs. 1/23 To CO-- Fwds copy of ltr to Bost. 1/23
145201	1-19	Bost	3211-472	Additional boilers: Fwds vandyke showing space available in fire room; have forwarded this data to Ward Co., B&W Co., and Bath Iron Works. D
-----	1-21	To Bost.	(R)	Bu recommends PO postpone opening bids boiler to allow ward submit full proposal. Reqn #161.
145772	1-27	Bost	3211-472	List of work necessary to complete repairs to boiler. Y CO-- Approve repairs to 1/29
145773	1-27	Bost	3211-472	List of alterations to present boiler. N
✓ 146404	2-5	Ward J. Chas. Co		Quality considered are low bidders; reqt appointment. R
146358	2/3	CO		Close fire room, install 2 motor driven forced draft blowers, install relief doors in side box and casings of boiler; manhole plates

498-8

FULTON: BOILERS. 498-10

Number.	Date.	From or To--	Subject.
146927	2-9	CO	Boiler explosion: fwsd photos taken from. To-- Ack receipt of. 2/18
149029	3-4	Bost 3211-472	Estimate for installing relief doors on Roberts boilers.N
149031	3-4	Bost	Estimate for re-designing type of casing enlarging base of uptake, etc. of Roberts boiler.N
✓ 149964	3-17	Talbot Boiler Co.	Proposal to supply 2 oil burning boilers for DR To-- State contract award to Army Boiler Co. 3/23
149975	3-18	To Bost.	Transfer of Job Orders: rect all uncompleted orders and all information pertaining thereto be transferred to NY Yd. E To NY-- Add boiler; contract to be awarded to Army Water Tube Co; instructions re installation. 3/19 CO rect copy of sketch 3-30 To CO-- Sketch may be obtained from Army Co. 4/1
118	3/23	To PPO, NPO, Bost	Army water tube boiler; rect copy of contract be fwded to NY 629
152176	4/10	Dept	Fwsd report of Bd of Investigation on ex- plosion to the boilers of Y
✓ 153322	4-24	NY	Fwsd print showing method of installing burners under additional boiler; (Cross to 16).N To-- Rect two burners be installed. 4/27 To Mass-- Fwsd copy above. 4/27

1913

Number.	Date.	From or To--	Subject.
90368	2/15	C&R 29213-M.1	Boiler foundations; asks if ramming chocks are to be fitted. N Ret---Rec be fitted. 2/18.
91557	3-6	FR 672	Roberts boilers; fwsd copy of order; plans not yet approved. N
91957	3/10	To F th	Order 75447 placed with Roberts Safety W-I Boiler Co. for boiler, approved. N FR have fwd order to Brook. 3-13
92523	3-13	NYS 593-934	Fwsd plans and comments on arr. of handling fuel oil on merchant oil carriers. D
95925	4-25	FR 1268	Evaporators and distillers; b/p. N To---appd. 5/3.
95960	4-26	FR 1285	Feed and filter tank; b/p; too small. N To---not appd. 5/6.
98002	5-21	FR 1587	Roberts Water Tube Boiler; print showing arr. brick work, etc. D. To---appd. 5/27.
103669	8-13	FR 2523	Arr. boilers; regt. surface blow valves and way cocks be omitted. D To---omission appd. 8/16.
135259	9-23	FR 3098	Copy of letter of protest to New London Cot on raising steam in boilers without notifying Inspector. D

FULTON: MAIN BOILERS. 498-10

Number.	Date.	From or To--	Subject.
104140	8-14	FR 2539	Fwds print of evaporator & feed heater'D To---plan appd. 8/23
✓ 110200	11-20	FR	Reports explosion of gases in furnaces blowing out all 4 sides of boilers; snip will be delayed. D
142395	12-18	To Boat.	Additional boiler; directs plans be pre- pared for. N
143417	12-31	FR 4084 1915	Reports number of hours boilers in operation. N
143887	1-4 1-7	CO Dept	Reports leak in front nipple; contractors failed to furnish any spares; fws to show pitting. N
144133	1-9	Boat 3411-472	*Additional boiler; lists work necessary; recommends installing steam small Diesel oil engine with direct connected generator in lieu of new boiler. D
144193	1-9	Boat	Additional boiler; fws plans of proposed rearrgt machy spaces. D To---Instructions- 1/12
✓ 144356	1-11 1-11	FR Co. Boat PO	Boiler; will bid on Yarrow type, providing they are allowed to install and width to extend to 6'. D Fwd S&A-- 1/16
144846	1/12	CO	Recommends installing additional heavy oil engine in lieu of additional boiler; states Roberts boiler installed will not answer requirements [over]

E

—2381

[illegible]

Number.	Date.	From or To—	Subject.	
596333	11/16	Phila	In conn with condition of sterling engine 611-12 3350 installed in 35' motor boat 2855 when issued to CO FULTON Y	
FULTON rean #156-22	11/25	To CO	Sterling engine Missing parts Ye R	
599833	12/10	C&R	Copy of letter to CO FULTON stating 26' motor boats are not available at present time for issue Y	611-2
603476	1/11	To CO USS FULTON	Boats revised copy of numbers of hulls and engines numbers ie cc LOG	611
607556	2/3	To CO USS FULTON	Data required on power boats not in carbon copies 2/3 ie cc LOG	611
FULTON rean 112-22	2/7	To CO	Boat: Survey to issue Ye R	
FULTON rean 58/22	2/18	To CO	Starting motor not suitable R	

Number.	Date.	From or To—	Subject.	
612754	3/7	C&R	Copy of letter to Phila directing hold boats listed on board 511-2 in used acct when same are turned into store Y	611-2
617667	4/7	C&R	Copy of letter to NY & Phila rel to assign- ment of 25' motor boat 8520 to CO FULTON to replace 35' motor boat Y	611-2
618527	4/14	CO FULTON	Request auth to turn in 35' motor boat 2383 Y	611-12
642849	9/28	TO USS FULTON	Requests correct number of engine in power Boats. ie co LOG	611-2
646310	10/19	C&R	Authorizes FULTON to turn in motor dories 1036 & 4984 Y	611-11

MEMBERS FOR SUPPLIES: LUX MACH

1920

3

Number.	Date.	From or To—	Subject.	
501488	6/24	Korf	30' motor boat 928 shipped to FULTON:Y	611-2
504435	7/14	To PHILA	Reqs report engine number of motor boat 5619- Y	611-2
516762	9/22	C&R	FULTON authorizes issue of 35' motor boat instead of 30' C-928 Y	611-12
533146	12/2	NY	In connection with 35 foot motor boats 5029 and 5030 for NIAGARA. Y	611-12
538155	1/3	C&R	Copy of letter to Phila authorizing issue 30' motor sailing launch to CO FULTON Y	611-2
546729	2/15	C&R	Copy of letter to Phila authorizing sell 30' motor boat 928 and 35' motor boat 5619 turned in from FULTON Y	611/2
553178	3/22	Phila	Engine 3653 installed in 28' motor dory 5619 reqd from CO FULTON has been recommended for sale. Y	611-2
556404	4/6 4/7	CO FULTON Phila	Request EE engine be furnished 21' Motor 1564 Y	611-11
556769	4/11	Phila	Van Blerck engine 1723 removed from 30' motor boat 928 reqd from Fultan has been recommended for sale Y	611-2

FULTON: TENDERS FOR SUBMARINE AUX MACHY

1921

Number.	Date.	From or To—	Subject.	
560384	4/23	C&R	21' Motor Bory 1036 assigned to FULTON Y	611-11
569069	5-10	Phila	EE engine 2318 removed from hull 1664 recd fro FULTON has been condemned for sale	611-2
571130	5/22	C&R	Copy of let to Phila disapproving issue of 35' motor boat 993 to CO FULTON Y	611-12
571130	5/13 6/22	Phila C&R	FULTON submits estimate for repairs engine motor boat 3724 Y	611-12
571623	6/23	Phila	Confirms telephone conversation in conn with 35' motor boat 3724 for FULTON Y	611-12
571782	6/25	C&R	Copy of Telegram to Phila authorizing transfer of motor boat 2853 to FULTON Y	611-12
582978	8/31	To CO FULTON	Asks if Motor boats are on board 8/31 Ye	611-2
FULTON REQN #156-22	10/29	To Phila	Sterling engine Condition when issued to vessel Ye R	
582527	10/28	To CO USS FULTON	Requests number of Power boat machinery be corrected as LOG is	611-2
584920	11/4	CO	Submits report on changed in power boats and machy. Y	611

TENDERS FOR SUBMARINES: AUXILIARY LACH.

1919

2 ✓

Number.	Date.	From or To—	Subject.	
62746	1/4	C & R	Motor boat 7773 assigned to FULTON Y	611-2
391218	1/31	TO CO FULTON	Asks where necessary spares may be obtained for motor boat engines Y	611-2
389901	1/28	C&R	Copy of letter to NL Sub-Base auth transfer 35' motor boat from FULTON to subm base Y	611-2
395965	2/18	C&R	FULTON 35' motor boat assigned to Y	611-2
398109	2/26	C&R	35 ft motor boat 5028 assigned to FULTON Y	611-2
415067	4/30	C&R	Copy tel to CO FULTON auth transfer 35' motor boat 4528 to New London Base. Y.	611-2
419059	5/17	Fwd C&R	NIAGARA assignment of two 35' motor boats and two 24' motor boats to Chief Atlantic Fleet satis to Bd. Y.	611-2
SURVEY 112-19 6-5		Fwd C&R	does not desire to furnish new engine for motor boat 5619- asks comments Y	

FULTON

TENDERS FOR SUBMARINES: AND MACH.

Number.	Date.	From or To—	Subject.	
433073	7/16	C&R	Copy letter to NIAGARA DIRECTING retain only one boat on board; Y.	611-2
435358	7/26	C&R	Copy of letter to NIAGARA re motor boats all assigned to that vessel; Y.	
442012	8/26	C&R	Copy letter to FULTON in conn with 35' motor boat for Y	611-2
442013	8/26	C&R	Copy letter to Norfolk in connection with 30' motor boat for FULTON Y	611-2
443626	9/4	C&R	Fulton assigns motor boat C-928; Y	611-2
443946	9/23	C&R	35' motor boat 2701 assigned to FULTON	611-2
449458	9/23	New Lond Sub Base C&R	Submits information re assignment of power boats to FULTON.	611-2
457473	11/14	To NIAGARA	Asks report in duplicate Eurs number of each engine and correct your copy of log. YL	611-2

TENDERS FOR SUBMARINES

AUXILIARY MACHINERY

L

Number.	Date.	From or To—	Subject.	
53580	11/15	C&R	TENDER, gives li t of steam auxiliaries	498--1
			1912	
			1913	
89653	2/6	C&R	Impossible to mfr 15-knot motor boats 40' in length for Submarine Tender, recommends 35', 12 knot.	611--2
128625	6-29	C&R	1914 Assigns boats.Y	
130226	7/18	C&R	Motor dories 1664 and 1665 assigned to FULTON	611-2
142327	12-17	C&R	993 assigned	611-2
143253	12/29	C&R	1915 Assigns motor boat 994 to FULTON	611-2
146358	2/3	CO	Reqd auxiliary Diesel engine capable of driving 50 kw generator for use with auxiliaries	498-8
168057	10/12	To CO	Asks if certain power boats are on board	611-2
168448	10/14	FULTON	1916 Reports transfer of motor boat 1305 and 1719 to COLUMBIA	611-2
180323	2/26	CO	Reqd new cylinder for engine 2319, motor dory 1665.Y Two Port--Furnish material. 2/29 RB 3/13 To--Norf will supply. 2/29	

FULTON: AUXILIARY MACHINERY. 498 11

Number.	Date.	From or To	Subject.	
183270	3/29	C&R	Assigns motor 2746 to	611-2
193463	7-13	TO CO	Discrepancy in records	611-2
203067	10/20	To FULTON	Reqd examination and report re erroneous engine numbers reported.	611-2
208662	12/14	C&R	Reports exchange of motor boats between and COLU-BI- 2746 and 1305	611-2
211157	5/22	CO	Fulton assigned launch 5171 and dory 4004 to replace boat 1305, 1954.	611-2
330126	7/22	CO	Must. 1 ton horn be added to allowance list for use on motor boats.	490-2
326805	7/17	To FULTON 2	Asks corr'd of engine in motor dory Y	611-2
348063	9/10	Charleston	and Fulton confirms tel conv rs tion re to repairs Y	545-8
376802	12/12	CO	Copy of tele to ... for ...	611-2
381089	12/29	C & R	Copy ltr to Portsmouth in conn w 33' motor and 35' motor boat for FULTON Y	sailor 611-2

496 - 12 FULTON; CONDENSERS;

1920

Number.	Date.	From or To—	Subject.
482011	3-17	To S&A	Reqd shipment condenser tubes from Boston to New London. Y To SO NL Adv if not recd 6-15. RB-6:21-Y
525573	10/26	NER	55' motor boat 2860 selected for issue to 611-12 FULTON: Y
✓ 598731	9:21 9:30 10:14	CO Atl Sub Flo Dept	Reqd replace present condenser with larger unit. D Fwd Operns. as Comdr Atl Subm flotilla: 10/12 11/15 D Fwd Operns via C&R-Bu adheres to recommendation that size be not increased-gives changes to relieve ex- cessive temperature-2:20-Do G-3- Copy action to Phila. 3/1 Y G-3- Copy action to Dept. 3/1 Y C&R-fwd's report on ventilation in fire room 3:19-D Fwd C&R: 3/31 C&R 4/7 Copy of action to Phila Y

FULTON: CONDENSERS: ETC.

7915

Number.	Date.	From or To—	Subject.	
159749	7/3	NY	Estimate for installing new condenser	498-8
165651	9-7 9-9	CO NY	Condenser; unsuitable location of; submits estimate for change; recommends against. To NY--Disappvs. 9/13 To CO--Fwds copy above 9/13	
167491	10-6	To NY. (R)	Condenser plate for removal of tubes; appvs recommendation. N	
253540	10/8	To FULTON	Thetis: Re repairs to condensers-directs investigate as to whether ordinary tubes can be installed.	SP
167491	9/27 10/1	Co. NY	Reqst opening be cut in bulkhead engine room to facilitate repairs to Y	
794238	2:12	Flt. Sup. Base	Confirms tel. conv. Y Phone Flt Supply Base. Reqts information re tubes. 2-13 Copy to CO	
395709	2:12	NY	Confirms tel. conv. asking if Bur. approved issue of condenser tubes to ship Y	

Number.	Date.	From or To—	Subject.	
5352	5/24	Insp'r Harrisburg	Refrigerating equipment for Fulton ship 45-24 123	629
454119	10/23	N London Sub Base	Request disposition of ice machine being removed from Y To— Auth use of old ice machine from at Sub Base provided no additional funds are necessary for installation. copy to I&D-21-3	
455484	10/31	N Lond Sub Base	Submits report of operation of new ice machine installation - recommends suitable oil traps be installed - D to Sub Base New London - Regular Navy contract ice machine to be used for this installation. 11-6 to York Mfg Co. Repts furnish trap in connection with refrigerating equipment of the FULTON. 11-6 Copy to CO and Insp'r Harrisburg. 11-6 York Manuf Co - 11/7 To N.L. - reqst advise rel to satisfactory operations of machine 11/11 York Manfg Co - 11/13 FULTON 11-22. To CO - Auth submission of reqn for an additional oil trap. 11-28	
461123	11-18	York Mfg. Co.	Copy of letter to Engineering Officer FULTON fwdg prints.	D
514439	8-18	CO	Reports on operation of New York CO ice machine. D&Y cross to 700-1	
York Co	9-4-D	CO	To CC R gives inform 9-2	
York Mfg Co	9-8-D	CO	To York Mfg Co Reqst send rep to vess at North River for purpose of let cause and remedy of trble	
			cc CO 9-2 D.	

498-13:FULTON: HEAT VENT: REFRIG:

Number.	Date.	From or To—	Subject.
503329	3;9	Phila	Modification of heating system-submits revised prints with estimates.D To Phila. Appvd 6/16
593201	9;21 10;27	CO Atl Sub	Reqd remove present refrigerating plant from compartment a-10 to D-6.D Fwd C&R 11/8 C&R- copy action to Phila. 2/11 D
593202	9;20;27	CO Atl Sub	Reqd instal addtl ice machine D To CO- instal and appvd CC Atl Sub 11/8
646472	10/20	CO	Relocate refrigerating plant D

FULTON: HEAT:VENT:REFRIG.

1915

Number.	Date.	From or To—	Subject.	
159286	6-30	C&R	Recommends join letter directing test of refrig plant to determine responsibility for condition of ~~it~~ To CO--(J) 7/1	
159749	7/3	NY	Submits estimate for changing location of ice machine	498-B
160132	7-1 7-8	CO NY	Chart house radiator; recommends JO for changing location be cancelled. To NY-- Cancel Job Order for work. 7/10	
162193	7/22 7/31	NY C&R	Fwds print covering change in location of ice machine plant. Fwd C&R-- 8/3	
1 63480	8-11 8-14	CO C&R	Change in connection cooling coils ice mach and scuttle butt. To NY--auth 8/17 Fwd CO--copy of letter even date to NY 8/17 Fwd C&R--advise work auth 8/17	
✓ 168987	10-20	CO	Fwds section piping taken from refrig com- partment; calls attention to ~~condition~~ ~~failure~~ failure of plant to work on account of carelessness at Boston Yard in galv. piping- pipes found entirely stopped up with galv. material. D & N. Fwd Boat-- For comment. 10/23 RB 11/5	
168499	5-19	C&R	Refrigerating compartment; contractors relieved from responsibility. D	

498 - 13 FULTON: HEAT: WINT: REFRIG:

1916

Number.	Date.	From or To—	Subject.	
7 326183	7-5	CO	Submit report on their CO 2 ice machine. Y To American Carbonic Machy Co., m Rest prints showing arrangement and details of the motor-driven ice machine furnished by you for 8-6 To CO, Recommends ice machine for, 8-7 American Carbonic Machy Co - fws prints - 8/10 To American Carbonic Machy Co., Rest plans, 9-6 American Carbonic Machinery Co fws plans - D To CO Recommends install ice machine for 9-21	
378514	10-10	To CO	Comments on new ice machine for D CO Oct. 23 To CO, m new ice machine 10-20 CO-9-15	
44641/2	10/11	Troscherl Bros /	Telegraph station decision in conn with refrigerating machinery for Fulton R.	706
368647	10-13	New York	Request print showing arrangement of refriger. room at Co., fwsd memo - print for ref. 11-18	D
417332	5:9	York Mfg Co	Fwsd. print refriger. equipment D	

498-13

FULTON

1

NIAGARA: HEATING: VENTILATING And REFRIGERATING.

Number.	Date.	From or To—	Subject.	
76345	8/10	New London Co.	Contractors fwd new contract plans and specifications to be appended to contract. Calls particular attention to proposed change in ice machine	498-1
77887	9/11	New London S & D Co.	NIAGARA: contract plans. enters protest against Bu's ruling relative to refrigerating machy	498-1
80579	10-18	New London S&D Co	Refrigerating plant: fwds detailed specs covering. N To---comments.10/24.	
			1913	
91956	3-6	FR 671	Refrig. and ice making plant:fwds order with American Carbonic Co. Plans not yet appvd. N To---appd.3/10. Have fwd order to Pitts 3-13	
92437	3/12	FR	Portable vent. sets. fwds copy of order placed with Sturtevant Co.Plans not yet appd.	498-5
98133	5-23	C&R 29503-E.1	Ventilation: fwds plans.D Ret---satisfactory.5/27.	

FULTON: HEAT:VENT: REDIP. 498-13

Number.	Date.	From or To—	Subject.
105173	9-5	FR 2740	Refrig. machy: fwds print showing liquid receiver, oil drip, etc. D. Fwd FR appvd 9-30
105172	9-5	FR	Refrig machy: fwds plan: American Carbonic Co. Supt. Constr states freezing tank should be lagged. D To -- appvd s mod 9-15
105386	9-22	FR 2922	Steam heating system; arrgt of: plans. D To -- appvd 930
106136	10/16	FR 3176	Scuttle butt; recommends that cooling coils for be not required. D To -- satis 11-6
4161			
114758	1-2 1-5 1-7	American Carbonic Mchy Co. Moor for refrig apparatus; American Bu. Shipping Rules cover temperature limits only; Pitts recommends inspection after delivery. S FR Ret Pitts. 1/17 11-20	
140694	11-28	FR	Change in location of radiator; est inc cost. D To FR & Gen Insp-- 12/5
148830	3-3	FR 755	Radiator; est inc cost for change in location. N
152597	4-16	Sd on Changes, New Lon	Change in location of radiator crew's library; inc cost. N To -- Fwds copy report. appvd. 4/20

1922

4—3351

FULTON: TENDER FOR SUBMARINE PROPELLER & SHAFTING 1919

Number.	Date.	From or To--	Subject.
34481	3/21	To Inspr Pitts	Fwds blueprints showing finished crank shafts for ~~ENGINE~~ forging for starboard shaft; Shaft 829 on drawing for port shaft D
467052	1-5	To CO	1920 Advise if one spare propeller is being carried on board. Y CO-one propeller carried as spare-1;14
541794	1/21	To CO	Ask to confirm or corr rec rds as listed YB 1/26
PM 1146	2-25	To Phila	1921 Reqst print covering line shaft forgings for DR
548491	2-24	Phila	Reqst dispo of prop machny removed from Y 609-35
549066			To Phila Reqst Phila inspect stock of obsolete shafting in stord at Phila 3-3 Phila-recommends auth be granted to proceed with mg of fwd line shaft-3;11-YB To Phila Recomdn appvd 3/21

498-14:FULTON: PROPELLERS:

Number.	Date.	From or To—	Subject.
✓ 571334	6/27	Phila	Gives diagrams of propeller blades rec'd To Phila Plant Fwded 6/27 To CO Fwd Vandykes 7/1 To Boston NY Norf Chas Key West Fwd Vandykes 7/1 To CO FULTON 7/28
✓ 607848	2/2	1922 Phila.	Confirms telephone conversation rel to repairs to main thrust bearing. Y
✓ 607651	2/4	Fwded to Phila	Main thrust bearing, new parts for delivery 10
✓ 611044	2/23	Phila.	Modifications of main thrust bearing—feds pint. D.

NIAGARA, TENDER FOR SUBMARINE, propeller & Shafting

2 1

Number.	Date.	From or To—	Subject.
55180	12/4	FR Co	Recd all information available re propeller machy 498--1
			1912
85459	12-14	C&R 28826-E.1	Shaft alley fwds prints showing arr. N Recd. action. 1-13 Ret---1/15.
			1913
89032	1/29	FR 277	Fwds prints showing arrangement of shaft- ing, thrust bearing, shoes, stern tube bearings and stuffing box. N To---appd as mod. 2/14. FR 2/14. Recd action. N
92448	3-12	FR 713	Stern tube bearing; fwds tracing rope guards for. N To---appd as mod. 3/22.
95490	4/18	FR 1183	Re arrangement of shafting; fwds print. N To---appd. 4/29.
98925	6-5	FR 1741	3-blade propeller; fwds print. N To---appd. 6/19.
			1915
149711	3-13 3-13	NY Dept T	Recd authority to make 12 days repairs to line shafting and motion. N
		Fwd Dept-- 3/16 RB 3/20--appd.	To NY--(R) Present rep contr's rec'd to rec repairs; and allotment auth. 3/15
149715	3/15	New London T	To Groton--(R) Recd representative to NY. 3/15 Elec Boat Co's representative will arrive NY 3/16. N

10 1

FULTON: MILLERS. 498 -- 14

Number.	Date.	From or To—	Subject.	
248274	9/10	To CO	Ask if know location of spare propeller, shafting etc. for. Y CO--9/18.	
254298	10/12	To NY	Directs cast spare propeller for. Y Norf - 12/21 Y.	
262925	11-26	To Comdr Sub Force Atl	Fit. (T) - spare propeller for is at NY. Where should it be shipped to be carried on board as a spare. 11-26 To CO- 12-5 CO - spare propeller on board 12/8 Y	
32546	12-28	Erie	FULTON, forgings for: Erie Forge Co can't meet promised shipment. S	529
298792	4/18	To Atl Fit	Spare after section crank shaft. Ask if desire ship to vessel. or held as spare. Y	
completed. NY 5-8 NY 7-27	To NY- 5-10	Inform when machine is completed	Request that crank shafts be machined to finish dimensions and store at NY. Y 5-7 (Cross to 498 - 9) Y NY 7-20	

FULTON: PIPING SYSTEMS.

1914

Number.	Date.	From or To—	Subject.
125141	5/15	C&R 29207-#.5	Air piping for torpedo system; fwds replace print.D
125394	5/16	FR	Water service and air piping to air compressor; fwds print.D To---app'd.6/1.
185222	4-11 4-19	CO NY	L(1916 Exhaust piping for gen set.Y Fwd Dept. for disappvl. 4/24 RB 4/26 Fwd NY 4/27 RB 5/10
514003	2/2 2/7	CG FULTON Do. 6	1921 To post increase diameter over board discharge line from ice machine & disconnector. 2. Fwd Phila 2/7/21 RB 2/18 To Phila est increase app'd cc GO 2/21/21
640071	8/24 8/29	GO Atl. Sub.	1922 Request install 3 1/2" flushing line from fire and bilge pump manifold to distiller. D.

FULTON PIPING SYSTEM

~~SECRET~~

NA-0120

[OVER.]

NIAGARA: PIPING SYSTEMS.

1912

Number.	Date.	From or To—		Subject.
82201	11-5	FR	3156	Standard flanges for pipes; fws b/p. N Fwd C&R. for comment 11/14. B&B 11-18 To Fore River - approved 11/19
1913				
100692	6-28	C&R	29594-E.1	Drainage for fire and sanitary sys: b/p.D Fwd C&R. appd as mod. 7/8.
103206	8-6	New London	1181-4	Flanges and special fittings and bolt list; fws print.D To---gives Bu file numbers. 8/11.
103693	8-14	New London	1234-4	Fws bolt list.D. To---gives Bu file number. 8/18
104398	8-22	New London	1252-4	Fws print approved piping plans.D To---Gives file numbers 9/3
104634	8-29	C&R	29727-E.1	Sea chest and distance pieces for mama; fws b/p.D Fwd C&R comments 9-22
106550	9-25	FR	2942	Suction and discharge pipe; fws print.D To -- appvd as mod 10-2

FULTON: PIPING SYSTEM. 498-15

Number.	Date.	From or To—	Subject.
✓ 106654	9-25	New London 1493	Union joints for copper pipes: print.D To -- appvd 9-30
✓ 106992	9-30	New London 1527-4	Unions and tees for copper tubes and piping: print.D To -- appvd 10-16
✓ 107351	10-6	FR 3067	Steam and exhaust in engine and fire room: print. D To---appd. 10/21
✓ 107847	10-14	O&R 29727-E.1	Connections for suction in aux. feed pump was omitted on sea chest due to location at request of Insp. Machy. D Ret---satisfactory. 10/25
✓ 108367	10-18	FR 3195	Arrgt steam and exhaust piping to deck machy: b/p.D To -- appvd as mod 11-5
✓ 111661	12-1	New London 1886-4	Exhaust piping: details: print. D To---appd with comment. 12/6
✓ 112045	12-4	FR 3859	Steam and exhaust piping: contractors object to amount of lagging required; will consider same at increased cost. D To---appd. 12/9.
✓ 116743	2-20	O&R 29207-E.5	Piping for torpedo system: print. D Fwd Ord. arrangement satisfactory. 3/9.
✓ 122042	4-8	FR 1188	Arrgt water service piping to bearings: print.D To---appd. 4/18.

FULTON: FUEL OIL SYS:

1942

Number.	Date.	From or To--	Subject.
549649	3:3	Phila	Fuel oil stowage tanks-reqt instrns relative to rearrangement of fwd drawings.D Fwd C&R 3/10 RB-3:50 To Phila gives instrns re pumps 3/17 Phila-3:25-Y Fwd Phila 3/28 C&R-copy of action to Phila-3:28-D&Y To Phila Reqt est le submitted 4/5 Phila-submits estimates 4:27-D&Y
559158	4:19	Phila	Arrangement of fuel oil piping from filling connection to tanks - fwd prints.D
562864	5:9	C&R	Arrangement of fuel oil piping from filling connection to tanks-fwd prints.D To Phila Plans appvd cc C&R 5/18 Fwd C&R 5/ 18
570776	6/21	To Phila	Purchase of fuel oil meters for FULTON 653-4 Reqt info covering R
627080	6/12	To CO	Heating coils in fuel oil tanks Reqt CO 6/14 Gives inform. D

FULTON: FUEL OIL SYS

Number.	Date.	From or To	Subject.
✓ 176952	1-21	Phila Fuel Oil Test Plant	Reports on test of fuel oil burners under Roberts and Almy boilers. DR
		To CO--Lists work auth: 3/8	To CO--Fwds copy report with instrns. 1/24
			To NY--Fwds copy report for comment. 1/24
			FULTON 1-26
			To NY--Fwew copy report. 1/29
			Fwd Delt--acc arvl of work. 2/29 RB 3/3
			To NY--work authorized. 3/3
			CO cancels any work 3-6
177175	1-24	Phila	Steam atomizing burners; in view of recent report on burners; recommends another type be substituted. DR
			To--Manuf as recommended. 1/27
177441	1/26	CO	Gives results of test of Roberts and Almy boilers with different types of oil burners; states neither boiler will operate efficiently and requests new
			498-10
177908	2/1	Stuart, Amer Products Co	Purefoy fuel oil burner; fwds printed matter and reqt permission to submit bid for FULTON
			653-1
✓ 189240	5-15	CO	Reports on experimental installation of new burners; request authority to retain; satisfactory except excess smoke. DR
			To CO appvd. 5-29
189385	5-27	NY	Request instructions relative to sending draftsmen to vessel to make sketches in connection with fuel oil burners. D
			To--Comments on. 6/5

~~FULTON: FUEL OIL SYS. 498-16~~

Number.	Date.	From or To—	Subject.
199989	9-18	NY	Fuel oil burners: fnds tracings showing arret and details of those now being used on both boilers. D To— Gives Bu file number for.10/4
207223	11-23	CO	Request cast iron furnace opening and holders for oil burners on both boilers; realized casing over Roberts boiler. 498-17
225828	5/1	CO	oil burner and fittings on Almy boiler unsatisfactory. D To— Does experiments to cover an additional burner in back of the boiler and ask Jan. 5/4
273700	1-15	To Sub B Per Lond Condr.	(7) Will an oil burner and air register from Roberts boiler be available for new Almy boiler. Is it a duplicate of register on present Almy boiler. D
324837	7/9	Mila	Was co. of plans for pits and plans for fuel oil burners. D
383767	1/9 2:27	To CO CO	Asks report of test— re Diesel engine CO ask what grade of fuel is to be used on test. D To CO— Directs use of standard Navy oil Small quantity of gas oil may be carried for emergencies. 3-19

FULTON: FUEL OIL SYSTEM.

Number.	Date.	From or To—	Subject.
94922	4-11	FR 1080	Arrangement of fuel oil piping to boiler; b/p.M To---appd. 4/21.
✓ 96079	4-28	FR	Fuel oil burning apparatus; fwds comments on oil burning TBDS at Boston Yd. for consideration with.M.
96282	4/30	FR 1327	Fuel oil heater: Schutte & Koerting type; fwds prints.M To---appd. 5/6.
96676	5/5	New London 618-4	Fuel gravity tank for train engine feed; fwds print.D ~~Re~~ To---Croton- appd 5/8
97344	5-13	No FR 1479	Fwds prints. D. Fwd C&R. for comment. 5/21. RB & To---appd with modifications and comment. 6/2
100256	6-23	C&R 29525-E.1	Fuel oil system and discharge; b/p. D Ret---7/9.
102615	7-28	FR 2312	Fuel oil piping to dynamo; fwds print.D To---Appd 8/4
✓ 137683	10-20	FR J	Fuel oil tanks: inspection of.D
		1815	

1915

FULTON: FUEL OIL SYSTEM. 498-16

Number.	Date.	From or To—	Subject.	
✓ 143817	12-14 12-30 1-5	New London S&E Co. Bost S&A	Recd payment for fuel oil left on board.R. Fwd Bost-- 1/7	
Reqn #1	1-18	To Bost. (RI)	Authorized to use "utolene oil pending further investigation. R	
146722	2-9	Bost T	Recd Phila yard mfg 2 registers and 4 oil burners. D To Phila--Auth manuf or 2/9 To Fwds copy of letter authorizing. 2/9	
146721	2/3	Bost	Lub and fuel oil: fwds bills	498-9
149750	2/19	FULTON	Fuel oil testing set: no copy of instrns received with last order	690-1
153322	4/24	NY	Fwds print showing method of installing burners under additional boiler	498-10
153691	4/28	NY	Additional fuel oil pumps	498-10
✓ 158448	6-19	NY	Fuel oil testing outfit: re kind of apparatus to be furnished to fill ship's reqn 139.8 Fwd SEA--List machine to be purchased. 6/23 To Bausch & Lomb Co--Comments on proposal for. 7/7	
174944	12/24	NY	Fwds print showing furnace arrangement of Almy boiler, method of installing oil burners, etc	498-10

FULTON: WORKSHOP.

1917

Number.	Date.	From or To—	Subject.	
✓ 265839	11/7	CO	Request be assigned first welding set available - L To Has rect Supply Officer to ship Elec welding set to New London. 12-13	
285500	2/27	CO	States have placed order with Manning, Maxwell & Moore - two sets and request ins. plane. 4 Wd Cleveland. 3-4 RB 4-1	c-
1176	4/11	Fulton	Wilson Welder set received - working satisfactory. L & S	629
1176	4-26	Com Off Fulton	Sends copy of man of instr Wil Wel outfits	629
279	5-31	Inspector Chicago	Grinder for FULTON status	629-2
7 352321	9/18	CO	Request additional machine tools - Y To CO. 12-13-14-15-16-17-18-19	
2632	9/27	Insp'r Brook	Welding set ship 2/18 to New London where same was inst'd on FULTON	629
409815	4/11	To Comdr Sub	Corrosion transfer station hammer to station 1. 8. 1st transfer station hammer to station 4/11.	315-3

FULTON: WORKSHOP.

Number.	Date.	From or To—	Subject.	
2031	5/24	N.Y.	Combination brake and folder for -UL- TON received. E&S.	629-1
420560	5/20	New London Base	Requ auth to transfer pipe bending machine inst on A To FULTON does not approve transfer of pipe bending machine on, to Sub Base PL 5/24.	615-8
552454	3:19	Phila <i>Wichman 19</i>	Request larger fuel oil service pump be installed. D&Y ✓ To S&A Reest shipment of pump from Norfolk to SC Phila 6582 4/6 RB-5:17-Y 3-4-50	

:FULTON: WORKSHOP

1913

Number.	Date.	From or To--	Subject.
✓ 150003	3-13 3-17	CO NY	Place guards over emery wheels. Y To NY-- Work authorized. 3/19
150173	3-18	NY	All safety devices fitted except guards over emery wheels. Y
155534	5/19	Norfolk (Reqd for information on 5 card)	Lists motors in store that can be used for converting machine tools to electric drive. Y (Entry on 5 card, cross to 18) Fwd Dept--Rec motors be withdrawn from sale and issued to ship. 5/21
161207	7-17 7-21	CO C&R	Conversion blacksmith forge from coal to oil burning. Y To CO--Authorize conversion of. 7/22
165484	9-9	CO	Fwds copy of invoice turning in motors for machine tools received from Norfolk; of no use. Y To--Auth to store 9/14 Fwd NY--Call survey on 9/14 CO renews request for auth to turn in motors 9-16 Fwd CO--Appvs 9/17 RB 10/4
	9-20	To CO.	Machine shop: motor for converting certain machine tools to electric drive. Y
168556	10-2	CO	Reqd 2 motors and controllers for use with machine tool. L To NY--issue of motors and panels appd 10/18

1016

FULTON: WORKSHOP. 498-18

Number.	Date.	From or To—	Subject.	
175806	1-7	CO	Reqt Norf be auth to issue any old motor in store for use in connection with machine tool drive. Y Fwd Norf--Asks motors available 1/10 RB 1/28 Fwd CO-- 1/29 RB 2/2	
183294	3/22	FULTON	Reqt additional second hand motor for individual drive machine tools	498-5
183358	3-31	C&R	Tools for carpenter shop. DR	
✓ 228883	5/17	CO	Request motor for lathe Y Fwd Norf--5/21 RB 5-26 Fwd Ports--5/29 R F 6/15 To Sub Base--No motor available.; direct make reqn for. 6/16	
✓ 231933	6/2	CO	Request motors for machine tools Y To Ports--instrns. 6/6 Ports - 6/22 L To--C gives action. 6/27 To S&A--Reqt shipt of motors from Ports to Fwd Base. N & W Land. 6/29 Fwd CO--Motors not received. 9/17. L Fwd S&A--9-21--RB 10/8. Fwd S&A--10/9	
1176	11-8	To S&A 2	Reqt shipt of arc welding outfits from NY to FULTON AND ALERT. LS	629

Number.	Date.	From or To—	Subject.	
53552	11/14	C&R	Fwds prints showing proposed allotment of spaces for work shop, foundry, etc	498--1
55117	12/4	To Ord	Plan showing arret of machy and workshop, foundry & blacksmith shop, have been to delivered to representative.etc	498--1
55219	12/4	To C&R	do	498--1
			1912	
140	8/13	Reliance Elec. & Engrg	Cont. fwsd letter of protest against rejection of speed motor for, sublet by Manning, Maxwell and Moor. States contract does not cover requirements exacting as Inspector.	629
			1913	
96763	5/6	FR 1394	Workshop machinery: fwsd print showing general arrangement. D To---appd with comment.5/9.	
103829	8-14	FR 2833	Workshop tools: fwsd list and descriptive circulars.D To---appd as mod.8/23	

FULTON: WORKSHOP & TOOLS. 498-18

Number.	Date.	From or To—	Subject.
106140	9-19	FR 2885	Workshop tools; list; copies of orders and specns covering.D To - approved 9-24
✓ 108522	10-21	FR 3232	Work shop motor starter; rec approval of GE type.D To---appd.10/27.
/ 111375	11-25	FR 3718	Workshop tools; fwds cut og head drill and rec approval.D To---not appd.11/29.
✓ 111735	12-1	FR 3804	Work shop tools; recommends Universal Milling machine call for No 10 in lieu of No. 9 Brown & Sharpe taper.D To---appd.12/4
✓ 112534	12-10	FR 3916	Workshop tools; fwds cuts showing pipe jaws of bench vise.D To---appd.12/15.
✓ 112755	12-13	FR 3970	Work shop tools; re type drill press.D To---Grentiss broa mfr drill that meets requirements.12/17
113495	12-24	CO	1914
VOID	12-24	NY	
✓ 115964	1-23	FR 263	Upright drill; unable to secure bids in accordance with Bu specns.D To---approves Sibley drill.1/30.

MEMORANDUM

Number.	Date.	From or To—	Subject.
7502	Aug 68	To I-11a (1)	7502

FULTON: PUMPS.

1913

Number.	Date.	From or To--	Subject.
107696	10-10	FR 3138	Fire and bilge pump, motor starter; propose to use GE type. L To---appd. 10/13
111669	12-1	New London	Circulating pump; fwsd specs and plans of motor and control. To---appd. 1/15.
114415	1-6	FR 1914	Elec driven circulating and fuel oil pump; print. D To---appd as mod. 1/13. FR fwsd print 1-27
120275	3-16 3-18	Bath Brook	Pump motor; recd ruling on design. S To Mass.---satis if certain conditions met 4/23
121837	4-7	Bd on Changes, New London	Change in main circulating and lubricating oil pump; increased cost. N Fwd Dept. rec appr. 4/9/15 To New London. appd. 4/15
121971	4-9	Brook 2079	Motors for circulating pumps; fwsd test records. S To New London. fwsd test reports. 4/11.
122103	4-10	Brook	Motors for pumps; fwsd performance sheets. S
122982	4/20	Brook 2359	Reports on test of a G.E. motor for running the pump manufactured by the Alberger Co. S
159749	7/3	NY 1915	Estimate for installing new distiller pump 498-S

1917

FULTON: PUI . 43 - 19

Number.	Date.	From or To—	Subject.
245193	8/7	CO	Renew cylinder and valve chest of auxiliary air and circulating pump. Y To NY—Auth work. 8/17
209625	7-15	Ports	Feed pump - Boston requests prints - lbs fittings - request instrs re transferring work to that yard. Y
552454	3:19	Phila <i>See 498-18</i>	Reqt larger fuel oil service pump be installed. D&Y Phila. T - pump received without regulator and fittings - reqt auth to obtain. Y To Phila (T) Authorized 5/23
566026	5:25	Phila	Aux oil and circulating water motor and starting panel and fuel oil pump motor - suball's estimate cover in. install. D To Phila - appvd 6/3
572898	7/2	Phila T	Recommends temporary installation of fuel oil pump while Kenney Co is designing modified plates. D.
588671	9:23 10:4	CO Dept	Reqt instal motor driven fresh water pump. D Fwd Opers cc Comdr Atl Subm flotillas 10/12 RB 10/17 D L
588667	9:23 10:4	CO Dept	Reqt instal fire bilge & sanitary pump in engine room. D Fwd Opers cc Atl Subm flotillas 10/11 RB-20:15-D To Cc Disappva cc Atl Fleet 10/20

1912

1

FULTON. pumps.

Number.	Date.	From or To--	Subject.	
90688	2/21	New London	Fuel feed pump. print	498--8
92617	3-14	FR 738	Fwds copy of order steam pumps and spares Blake & Knowles; plans not yet appvd. N Ret---for correction. 3/24. HE 2-1 To---appd as mod. 4/1.	
92619	3-14	FR 735	ditto To---Order 75745 approved in advance of plans. 5/24.	
92620	3-14	FR 734	Fire and bilge pump; fwsd copy order with Algerber Co. Plans not yet appvd. N To---appd. 3/24 FR 5/27 copies fwd to Brooklyn. 3	
94964	4-14	Algerber Pump & C Co	Pumps; reqt. American Bu. Shipping rules cover. N To---cannot furnish. 4/18.	
95136	4/15	FR 1130	Steam pumps; fwsd prints. N To---appd. 4/21.	
95553	4/21	New London 536-4	Auxiliary circ. and oil pumps; fwsd prints with comments. N To--- appd as mod. 5/5.	
96211	4/30	New London 598-6	Increased cost due to change from direct to motor-driven circulating and oil pumps. N Fwd Dept. rec approval of change. 5/3. To Gen Inspr. reqt inc cost. 5/14. To Groton- 5/14	

FULTON: PUMPS. 498---19

Number.	Date.	From or To--	Subject.	
96751	5/6	FR 1393	Fire and bilge pump: fwds print and specifications.D To---appd subj to mod. 5/12	
96678	5/6	New London 632-4	Fwds prints of fuel feed pump body.D To---appd 5/8	
97545	5-16	FR 1513	Fire and bilge pump:fwds description type of motor proposed for.D To---appd.5/24.	
98673	6-2	FR	Fire and bilge pumps: fwds list of spare parts of motor for.D To---appd.6/7.	
100305	6-23	New London	Feed pump bracket and cut out: b/p.D To---appd.6/30.	
102077	7-21	FR 2231	Fire and bilge pump: motor for: fwds print starting panel.D	
105347	9/8	New London	Fwds print guards for oilers and circulating and oil pumps.	498--8
106120	9-22	New London 1464-6	Estimated increased cost due to change in circulating pump.D To---for revised estimates 9/26. R.R. 10.12 To---authorizes resumption of work.10/13	

1912

NH-0120

498--20 FULTON.

1912

Number.	Date.	From or To--	Subject.
94564	4/8	New London	Wds plan of relief valve, compressor valve. 498--9
✓ 141004	12/1	FR	1914 Safety valve easing gear; contractors do not consider themselves responsible for.D
1313	3/18	Yarnell & Wearing Co	191- Asks if comp G for valve stems is acceptable; also applies to reqn 1329 valves for FULTON 629-2
150461	3-21 3-23	CO NY	Reqt new safety valve.
✓ 166648	9/18 9/23	CO NY	Reqt distant operating gear for safety valves of boilers; submits est. Y&N To NY--(R) Authorized. 10/1

JULIAN ALLOWANCE

1921

Number.	Date.	From or To—	Subject.
600313	?	CO	Request auth to turn in spare armatures. To CO turning into store stowage anthd 12/16 Y
608150	2/10	To CO	Give inter rel examination on allowance list Y CO - 1st Quarter - 1st 1/2 Y CO 2/15 Y
609056	2/8	CO	Request allotment for 3d quarter be increased Y To CO 1st 1/2 Y CO 2nd 1/2 Y
618810	4/15	CO FULTON	All allowance list corrected rel to compressed gases Y

FULTON ALLOWANCE

1922

Number.	Date.	From or To—	Subject.
619575	4/25	To CO	Fwds engineering Electrical allowance books LY CO FULTON 5/12 Returns allowance list LY To Phila. 7/7 Be notified of receipt of allowance list 7/7 Y To CO- Fwds allowance books 7/8 CO recommendations cov allowance list. 8/11 Y To CO- Gives change in allow cc 2080 yard- vessel 8/22 Phila. 9/11 IL
631896	no date	CO	Annual inventory completed Y
636812	8/11	To CO	Expenditure from Naval Supply Account Affiat to Title B- cc 221 Y CO 8/15 Y
651587	11/22 11/28	CO Atl Sub	Request auth to turn in armatures not belonging to vessel LY To Electro-Dynamic Co- Gives inform rel armature on board ship 12/6 Electro-Dynamic Co 12/8 Gives rating of armature LY To USS FULTON via Sub Flotilla: Storage in excess of requirements 12/14 L cc 251r. To Electro-Dynamic Co- 12/15

ALPHABETICALLY.

1819

Number.	Date.	From or To—	Subject.
392750	2/5 2:3	CO CO	List of material turned into store - Y Fwd CC. 2-14
395706	2:6 2:17	CO S&A	Req. auth. to turn in boiler prints and cable R *wd S&A. 2-20
404323	3:12	CO	Req. seamless steel pipe for be added to allowance list To— Lists amendments to allow mk lists. copy to E.O. & S.O. Home Yard. 3-24
481959	3-17	To CO	Fwds blank allow book for revision. Y CO-fwds SE allow book-4;15-Y
495203	5-24	To Phila	Advise when allow lists are received. Y. Phila-6;25-Y
499372	6-22	To CO	Gives list of changes in allow list CC EO-SO vessel 20-CO Phila P.

193-21: FULTON: ALL INFORMATION:

Number.	Date.	From or To--	Subject.
544746	2:3	Sub Div 9	Request pair of micrometer callipers be added to allowance list. Y To 2-10 requisition Y Sub Div 9-2-11-Y To ML instrument will be appvd cc SC NL Div 8 2/18
565076	4:28 5:19	CO Phila	Submits list of spare parts for machinery transferred to Phila. Y
565976	5:25	Phila	Ask if allowance list will be revised to suit new instaln of iron filing machine and To Phila fws allow list 5/27 To CO fws allow list 7/14 CO fws allow list 9:19-Y To Phila fws allow list 10/14 Phila 10/21 Y
595167	11/10	To CO	Gives Changes in allow list as EO-SO was- Phila Ya
596172	11/2 11/16	Subm. Div. 15 C&R	Gives reasons why report on annual inventory was not submitted. Y

FULTON: ALLOWANCE:

Number.	Date.	From or To—	Subject.
189101	5-31	TO CO	Changes in lamps
204007	10/31	To CO	Add hinge pipe vise to SE Eng. Allow list. R
252733	10-4	To CO	allow lists. wds latests allow books. R To- wds copies S.E. and S.E. Elec CO - fws allowance 11/10 - P allow books. 1918 edition. 2-23 To- wds one copy 1917 edition allow not appvd. 1-19 CO - Fws allowance book. R 2-8
259412	11-7	To CO	S.E. Allow Lists. Fws 1917 edition. R
265528	11-19	To CO	Allow lists. Revision of. L-R CO - fws books. 1/8 To - returns appvd allow with modifications. 1-17 CO - fws electrical allowance books 1/23 To N.Y. and asks when lists will be distributed 1-20 NY - 5-11
300395	4/22	NY	Elec allowance - fws - RA To- Comments on lists received. 5-1
378194	1/4/19	To CO	Fws allowance book-
	2;26	CO	To- Fws two appvd copies elec lists. 2-21 CO - 1/22

FULTON: ALLOWANCE

Number.	Date.	From or To—	Subject.	
307574	5-18	to S&A	Re supplies for ship, R To CO, Commenting on above, 5-27	
333755	5-18 7-12	CO CO	Re elec. allo. for lists of elec. equip. for ship. To CO, Commenting on above, 5-27	
333136	7-22	CO	Request Klaxon horn be added to allowance list for use on motor boats. To CO, Klaxons not considered desirable 7-31	
333911	8-6	To CO	Re change in S E Elec Allowance LR	
6308	8/10	USS FULTON	Generator-spares parts-rel to shipmt of	629
348,37	11/7	CO	Request some spare parts for generator be added to the allowance list. To CO, Commenting on above, 5-27	

1914

EHLTON. ALLOWANCE.

Number.	Date.	From or To--	Subject.	
125574	5/20	FR	Fwds.R To---apnd as corrected. 6/15. FR fnds print and list of incandescant lamps E-5 To---& Boat, directs Boat, furnish certain lamps. 8/12. Requests allowance list.R To FR. fws lista. 7/28.	
130184	7/16	Boat.		
132337	8-14	New London 1166	Reqd additional spare parts for piston cooling system.D. To---request estimate for spares. 8/19.	
134499	9-14	Boat	Reqd allowance list.R To Groton-- Reqd recommendations for To FR via Groton-- instructions. 10/16 To FR-- Additions to 1/7 rd 2 11	10/14
136803	10-9	FR 3264	Fwds.R	
137696	10-21	New London	Addition of spare parts; est inc cost.D To-- Will not approve at this time. 10/29	
140854	11/30	FR	Allowance list; requests change in quantity of searchlight parts.R To--Changed. 12/5	
141099	12/2	FR	Fwds copy of lists, stores, spares, to be supplied by contractors and list of un- completed work	496-2
141695	12-9	CO	Reqd addition of standard testing gage. R. Fwd Ord-- Under its cog. 12/16	

1916

FULTON: ALLOWANCE. 498-21

Number.	Date.	From or To--	Subject.	
147925	2-19	CO	Reqt spare armature and shaft for gen set, and spare scavenger cylinder lining be stored at Home Yard. Y Fwd NY--Authorizes. 2/24 :080	
152452	4-13	FR 1353	Missing spare parts and tools: fwds contra comments. N Fwd FR via Lieut Child & CO-- Reqt statement as to what authorization was made to Electric B. Co. 4/19 RE 5/5 T o--Appvs recomms. 5/5	
153257	4-22	CO	Submits list of spares to be provided for auxiliary machy. R Fwd CO-- 4/28 RB 6/12	
155947	5-20 5-25	Host S&A	Invoice covering tools and spares. N Fwd Host-- Comments. 5/27	
156276	5-29	To CO.	Elec list; amendments to. L-R	
160879	7-17	CO	Reqt crank brasses be added. L To-- Add to. 7/21 RB 8/3	
165418	9-9	CO	Reqt subscription London Engrg	735
173871	12-6	S&A	Transfer statement for transferring certain motors from SE to C&R appro. X Fwd S&A-- Not under con SE. 12/17 RB 1/10 Fwd S&A via C&R--1/10	
180302	2/21	CO	Reqt additional money allotment. R Fwd S&A--Allvrs. 3/3 Fwd S&A--Appvs add allotment. 3/4	

1916

FULTON AIR COMPRESSORS 1922

Number.	Date.	From or To—	Subject.
614245	3/16	CO FULTON	Request Phila. is authorized to mfg main engine air compressor cylinder To Phila. - Request Phila. manufacture air compressor cylinder for use as spares 3/30 M.A. - sends report from Phila. 4/12 Y Rws Phila. 5/23 RB 6/6/K To Phila. Estimate approved 6/22

FULTON: AIR COMPRESSORS. 498-23

1914

Number.	Date.	From or To—	Subject.
✓ 140485	11-20 11-24	New London S&E Co. FR 3727	Aux air compressor: fwas print and proposition; from contractors. M To FR--Have prepared reqn for air com- pressor. 12/4 To Groton & CO-- Fwds copy above letter. 12/4
		1915	
✓ 144175	1-8	New London	Auxiliary compressor: claim inc cost for driving pulley and belt. D Fwd Co-- Submit reqn for belt and pulley. 1/14 #2236
✓ 202496	10/16	To Ord	Rec starboard torp air compressor be removed from. Above taken from steam log of tor quarter en line Sept 30, 1916. M Ord auth removal air compressor 11-6
349940	9-17	NY	Request vandykes showing second stage air compressor cylinder - D
		1922	
610974	2:25	To S&A	Reqt shipment of main engine air compressor from NY yard to Phila Yd for-urgently reqd-Do To NY-2:25-Do S&A- Copy action to N.Y. 3/6 D. N.Y.- Copy action to S&A 3/7 D. S&A 3/9 D. S&A 3/24 D.

FULTON: AIR COMPRESSORS.

1913

Number.	Date.	From or To--	Subject.
90689	2-18	FR 502	Encloses copy of order for steam driven air compressor; plans not yet appvd. W To---Returns order without action. 2/21 To FR and New London. Requirements for for larding all orders placed by FR Co. 2/21
91391	2/27	FR 592	Steam driven air compressor; fwds copy of order Westinghouse Air Brake Co. Plans for this apparatus have not been approved by Bureau. W To---order appd. 3/3. FR have fwd order to Pitts with note placing responsibility on contr. 3-3
92607	3-15	FR 749	Air compressors; rect. plans. W Fwd Ord 3/18. RE S-21 Ret---3/22.
96463	5/2	FR 1343	Air compressor; fwds prints and specifications Westinghouse Air Brake Co. W To---appd with comment. 5/7.
137316	10-16 10-17	Ingersoll Rand Co. Ord	Inst. instructions for operating torpedo air comp. D Retd-- Noted. 10/20.
138027	10-24 10-27	Inspr Ord? FR Ord	Air compressors; reports on trials of. D Fwd Ord-- Noted. 10/28
138493	10-31	Bu Ord	Fwds copies with Ingersoll Rand Co. re operation of their compressor by 35 kw power. W

1913

MILTON: CASES:

Number.	Date.	From or To--	Subject.
110284	11-12	New London 1780-4	Give board and tachometer for main engine; print.D To-- Gives Bu file numbers. 11/20.
1914			
114500	1-6	New London 19-4	Float gage for sump tank; print.D To-- Gives Bu file numbers. 1/12.
135115	9-21	FR	Indicators: reqd authority to submit reqn for D. To-- Instructions. 9/26 To 31A-- Req shipment of eight Diesel engine from NY to FR. 9/26 To NY-- Instructions. 9/26 Schaeffer & Budenburg; unable to give date of delivery 9-26 Fwd NY-- Instructions. 10/17. 510.2 To Schaeffer & B -- Fwd copy above end. 10/17 Fwd NY-- No ltr. 10/27 To Brook-- 12/10 Brook 12-16 Diesel engines indicators: asks if are to be permanently installed on board; or for use trial board only; if installed; recommends duplicate set be ordered for 10/6 To-- Bu will issue instructions. 10/6
136011	10-2	NY	
137396	10-16	New London 11347	Reculation counter; plan.D To-- Appvd with mod. 10/28
151603	4-6	CO. (T)	Reqd authority to purchase thermometers for main engines. X To-- (R) Purchase by reqn is urgently required; state if contr's are ltr. 4/7 CO 4/20 gives reasons for requiring extra thermometers.

FULTON: GAGES. 498-24

15

Number.	Date.	From or To--	Subject.
✓ 168478	10-15	CO	Impossible convert present tachometer rect auth purchase one reading from 0 to 300.N TO -- submit reeqn 10-19
170339	11-4	CO	Rect that authority to retain 3 Diesel engine indicators on board and that 5 in store at NY be issued to. PH To NY--Appvs. 11/8
195081	7/29	5th Div, Atl 3 sub Flo	BUSHKEL. 16 request authority to transfer in dicators from the FULTON 515-24

FULTON RECORD OF WORK

1922

Number.	Date.	From or To—	Subject.
622703	4/1	CO	Quarter ending 3/31. Y
623085	5/1	CO	Quarter ending 3/31. Y
631473	6/30	CO	Quarterly report of work afloat Y
635354	7/28	Norfolk	5/16/22 to 7/7/22. Y
635542	8/27	Philad.	1/20/22 to 5/2/22. Y
644490	10/1	New Lond Sub Base	Quarter ending 9/30. Y

FULTON; RECORD OF WORK

Number.	Date.	From or To--	Subject.
385185	1:1	Norf	12-17-18 to 12-27-18 Y
385327	1/1	JALSH	11/10 to 12/18 - Y
~~-/1920-~~			
476902	2/1	Norf	12/17/18 to 12/27/18 - Y
491556	5/1	N Lond Sub Base	Quarter ending 3/31 - Y
504251	7:1	N London Sub Base	Quarter ending June 30. Y
523070	10/1	New Lond Sub Base	Quarter ending 9/30. Y
1922			
503633	1/9	N L S B	Quarter ending 12/31. Y
610268	2/1	CO	Quarter ending 12/31. Y

Number.	Date.	From or To—	Subject.
625321	5/10	55	Coil Y
625322	5/10	52	Fade Y
629387	6/21	62	Light Y
654709	12/22	26/23	Sacles Y

FOVER.

Number.	Date.	From or To—		Subject.
577944	7/27	Div 15	2/22	Propeller Y
578706	7/29	Div 15	3/22	Fans Y
580643	8/29	Div 15	52/22	Carburetor Y Fwd Phila 8/20 RM-9;6-Y
582186	8/29	FULTON	6/22	cables Y
586637	9/19	Sub Div 15	9/22	Belts for Motor Dory Y
587361	9:2	CO	8-22	Propellers for 35 ft motor boat Y
588094	9/21	CO	13/22	Weston Voltmeter Y
592412	10/24	Comdt	23-22	Shaft Y
592410	10/21	Comdt	24/22	Torch Y
593299	10/28	Comdt	26/22	Engine Y

498-27

N. Eng. 184

FULTON: SURVEYS

1221

Number.	Date.	From or To--	Subject.	
593918	11/1	20/22	Indicator Y	
593919	11/1	27/22	Lubricator Y	
596172	11/23	Fwd S&A via Ordn Navig	ed & Surg Non-submission of report of annual inventory Y	
610054	2/14	USS FULTON 10289	Fwd Phila. report statement of S.O.-2:21-Ye RB 3/14 Y Fwd C 3/21 RB 3/29 Y	
612148	2/9	Phila 25	Gauges Y	
614356	3/9	Phila 26	Gauges Y	
619308	4/18	Phila. 46	Platform scales. Y	

FULTON: SURVEYS:

Number.	Date.	From or To—	Subject.
490847	4:20	CO 19/20	Willard battery.Y
490846	4:20	CO 20/20	Various material.Y
506004	6:23	CO 81	Various material.Y
511423	8:6	CO 17/21	Indicators.Y
511422	8:6	CO 7/21	Coils, also stove, fire pots, etc.Y
512504	8:18	3rd Dia VOID	Request all
512503	8:18	N London Sub Base 84	Elec material.Y
512524	8:13	N London Sub Base	28:21 Tray.Y
554970	11/16	Phila m 4/21	Cover, Wrench, Ammeter Y
554967	11/17	92 5/21	Klaxon Y
554968	11/16	Phila 7/21	Coils, Hose Y
554969	11/16	Phila 3/21	Armatures, Reamer Y

FULTON: SURVEYS

2921

Number.	Date.	From or To—		Subject.
556107	11/17	DIXIE	2/21	Tubes, Register, Countersinks Y
560929	4/18	Phila	15/21	Hose, Torches, Y
565299	5/18	Comdt	21/21	Drill Y
565507	6/11	Phila	12/21	Various M.L.
569527	6/13	Comdt	37/21	Iron, Fan Y
569777	6/13	Phila	36/21	Circulating end for pump, Gauge Y
569957	6/14	Phila	41/21	drill, milling mach gauge etc. Y
569956	6/14	Phila	40/21	hose Y
570099	6/14 6/15	Phila	34/21	Various M.L. Y
571168	6/20	Phila	42/21	End mill, Gauge, Thermometers Y
572796	7/1	Phila	1/22	Pump Y

1917

GALVESTON: TRIALS: PAYMENTS: ETC.

Number.	Date.	From or To—	Subject.
✓ 221384	4/3	Asiatic Flt	Report of speed trial, endurance and full power. M
✓ 587680	6:30	CO	1921 No data available for performance curves. M
✓ 590157	10:10	CO	Reqt instrns for compiling engineering performance record. And Div Gunnery Exercises & Eng Performance. 10/15

GALVESTON: TRIALS: PAYMENTS: ETC.

FILE No.	From or To- (Dated)	Subject.
✓ 33813 2/27 3/3	Dept. Justice Dept. 585-53	Reqt. information relative to status of payments, etc. N. Ret Dept. Copy of statement of cost of work fwd 3/15.
72562 7/1	Navgn.	1912 & G.L. TANOOGA Placed in commission and reserve. Pug. 3d. 774
✓ 79388 9-28	Pug. Sd 5789	Finished weights; reqt. D. To - gives weights 10/4
79389 9-28	Pug. Sd 5826	Reqt
✓ 98295 3/15 3/25	Pac. Fleet Dept. 27772-35	1913 Requests recommendation as to desirability of sending to sea on another cruise in order to hold full power trial. Asst Chr. Fwd Dept. recom appl. 3/27
✓ 97588 5-15	Pac. Flt	Fwds report of full power run. F Fwd Target Practice. 5/21.
98589 5-15	Pac. Flt	Report of Umpire; fwds. F. Fwd Target Practice. 5/21.
97895 5-13	Pac. Flt	Umpires report; fwds. F. Fwd Dept. 5/24.
97896 5-13	Pac. Flt	Report A. full power run. F Fwd Dept. 5/24.



212 -- 3
GALVESTON: ELECTRIC PLANT:

FILE No.	From or To-- (Dated)	Subject
✓ 29764 1/17	Pug.Sd	Gen. survey under Equipment: reports elimination of item, night signal sets and semaphores same having been covered by GSK survey.
		1912
✓ 68900 5-11	Pug.Sd 2784	Reqt. elec.plans. L Fwd Norf. for compliance. 5/25.
		1913
69949 1-27	Pug.Sd	Elac. plans: fws.L To---Ack. 2/12.
✓ 102945 7/30	CO	Installation of standard blinker signal
7/31	Pac.Res.Fleet	set and repairs to radio set.L Fwd Pug.Sd. appd. 8/5.
		1914
276655	Dec/ 28 CO	States 5KW radiostat and submarine signal set not yet installed L.
	1920	
512282 8/20	Te CO	Returns copies of report of elec plant data. LY



GALVESTON INT COM SYS:

4

Number.	Date.	From or To--	Subject.	
590159	10:11	CO	Reqt reqn be approved covering telephone wire. 1	
			To Co- increase in allotment not desired 10/21	
619320	4/13	CO	Request auth to turn in fire control telephones in excess of allowance. 1	212-21

1917

GALVESTON: INT. COM. SYS.

Number.	Date.	From or To—	Subject.
✓ 247204	8/9	CO	Fire control installation - status of L
273047	1/12	Norfi	1918 Gives list of material required for fire control system - asks at what yard can obtain. L To - Fwds copy of Bu letter 1/17/Regn. and contract number to be fwded at later date. 1-17 Norfi - Request copy of contract or Navy Orders covering material. 3-16 Norfi - Request copy of contract or Navy Orders covering material. 3-16 To Norfi - Fwds copies of correspondence for information. 4-19 Fire control telephones - relative to changes in additions - 1-1- To C&R - Accompanying status letter to make fire control voice tubes system efficient. 1-25 To CO - Directs survey teleph. be and turn into store. No new phone to be apvd for at this time. 1-25
279084	2-1	CO	Replace present general alarm gongs with a continuous ringing type. L To Chasn. 2-15 CO - requests continuous in lieu of single strike gongs. 1-2-5 To - Apvcs installation 2-15 Replace gear wheels of main engine telltale gear. L To Chasn. Auth replacing of four main gear wheels. 2-11 G. V. M. - Gives reasons for requiring new main gear wheels for main engine tell-tale gear. Y 4-9 Norfi - states wheels are already installed Made of composition G. Y & L 4-10 NY 4/22 received back 5/3 Y Fire control voice tubes - request changes in installation. L Fwd C&R 5-25
279115	1-31	CO	
	Fwd Sept. 4-15	RB 4-20.	
	Fwd Norfi. 4-22		
279860	2-20	CO	

GALVESTON: INT COM SYS. 212 - 4

Number.	Date.	From or To—	Subject.
300912	4/23	Norf	Reduction of batteries and re-arrangement of communication salvo and F C telephones - submits corrections to drawings - 1 Fwd Pug Sd. 5-8 Puget Sound - Fwds print. 1 5-18
302158	4-29	Norf T	Reports receipt of 5 cases of tele- phones March 14th. 1
316822	no date	CO	Adm. Dr. has given in voice tape modification and schedule for completion. 1
316822	6-6	CO	Requests reports on status fire control. 1
371362	11:22	NY	Tel. req. information as to date of ship- ment. General alarm contact marker 13-11. No record shipmt order contact maker GALVESTON, 11-28

1912

/ 2

Number.	Date.	From or To—	Subject.	
57540	12/29	Port Wayne Elec. Wks	Cont. 15778: motor generators for I.C. Have not yet received instructions to ship	629
61500	2-13	Pug. Sd 914	Telephone plans; reqt. L To --- Vandykes fwd. 2/23.	
64526	3/25	To Pug. Sd	& CHATTANOOGA: voice tubes, reqt. list of all installed	154--4
✓ 65109	3-27	Pug. Sd	Fire control; fws vandyke finished plans. L	
70218	5/29	Pug. Sd	& CHATTANOOGA: voice tube list, fws print	154--4
70331	5-29	Pug. Sd &	& CHATTANOOGA: reqt. dynamotors for I.C. circuit. L To S&A.E---request shipment. 6/13.	
70644	6/7	C&R	& CHATTANOOGA: voice tubes, states those going thru compartments must be fitted with w.t. mouth pieces.	154--4
104222	8-14 8-21	CO S&A	1913 Reqt. increase in money allotment. R	<u>21</u>
		1914		

1914

GALVESTON: I-C SYSTEM. 212-4

Number.	Date.	From or To—	Subject.	
97080	1/12	To CO	ETC. Fire control telephone system; finds print for comment as to whether preferable to system proposed.	184-3
121247	3/26	GALVESTON	DENVER Fire control; telephone system; submits comment and print of system installed on GALVESTON.	184-4
138032	2-24 10-27	CO C&R	23644-E.25 Install voice pipe connection with call bell between anchor en. line room and stbd eng room. L Fwd C&R-- Rec disappvl. 10/31	
200983	10/3	To CO	Reqd information as to number and type of fire control tele. L CO lists 11-9	
215219	12-26	CO	Install telephones and call bells engine and fire rooms. L Fwd C&R-- Rec dis appvl. 3/7 RA 3-8 To--Work disappvd. 3/13	
241412	2/20 7/26	CO C&R	Fire control voice tubes - gives list of material required L Fwd C&R-- 8/9	

GALVESTON: INTERIOR COMMUNICATION SYSTEM:

FILE No.	From or To— (Dated)	Subject	
✓ 29374 1/11	Pug.Sd. 122.E.11	Interior and power lighting circuits; requests finished plans Fwd N.Y. to fwt via Norf. Norf to fwd dr. 1/24. R.S. 2/6	
✓ 29570 1/14	Pug.Sd 143 E.11	AND CHATTANOOGA; request authority to include 2 extra telephones in fire control installation Ret. list of 'phones that will be reard 3/2. R.S. 3/14	
38356 4/18	Pug.Sd	& CHATTANOOGA: Reqt indicators for long arm system.	154--4
38356 6/5	C&R	& CHATTANOOGA: power doors	154--4
40981 6/12	To Pug. Sd	& CHATTANOOGA: reqt wiring plans for power door indicator system	154--4
53992 11/13	Pug. Sd	& CHATTANOOGA: w.t/ door indicators, fwds prints proposed.	154--4
✓ 55800 12/4	Pug .Sd. 4329	Fire control system: fwds estimates. I Fwd Dept via C&R-Rec. appd. 12/11/48 Fwd Pug.Sd. 12/27. R.S. 1/1	
57370 12/26	Pug. Sd	1912 & CHATTANOOGA: reports receipt of motor generators for telephones but no dynamo for salvo system	154--4



DATE: 1/12/1919

Number.	Date.	From or To	Subject.
335602	7/31	CO	Ask date of shipment of signalling searchlight - L To CO. Authorizes to draw mat'l for nearest store. 8-15
336113	7/18	CO	Atl. cruiser 8/8 - have experienced no trouble with circuit breakers opening during fire - L
361972	1/3/19	To Bureau Phone	Supply officer GALVESON asks if Bureau would approve reeqn 48-19 calling for six or four rocker arms for dynamo engine to replace arms worn out - approved R
393061	2/5 2/7	CO Atl Cruiser	1919 Cross head lengths and bolts for dynamo engine - L
393748	2:5	CO	Overhaul both air meters. L
478502	2:26	JAG	Submits report of Bd of Investigation to 212-8 inquire into condition of boilers and generators of.

212-5: GALVESTON: LIGHT AND POWER:

1921

Number.	Date.	From or To—	Subject.
590163	9-29 10:	CO Comdr Train CANCELLED SEE 66-X-8	Reqt instal magazine lighting. L Fwd 11/10/22 Fwd C&R 11/14 RB 11/19 LY
		1922	
615533	3/1/22	CO	Request install modern lighting system in proposed new operating room Fwd Boston 4/1/22 RB 4/6 with estimates Y to C via Boston approved 4/8
634357	7/27	To CO	Annual report of Electric Plant Data- June 30- Generator Sets- Incomplete Information L CO GALVESTON 7/31 L

Number.	Date.	From or To—	Subject.	
83941	11-22 11-26	CO Pug.Sd 7020	Panel for batteries, repairs to ammeters and rheostats.L	
1913				
85410	12-19 1-9	CO Pug.Sd 7852	Man-of-war lights; rect. conduit and piping be installed to enable one or both lights to be turned on at will.L Fwd Dept. Not recommended. 1/16. RL 1-20 To Pug.Sd. item 1 disappd. 1/21.	
90625	2-4 2-14	CO Pug.Sd	Repair voltmeter on switchboard.L	
102279	7-25	Pug.Sd	Reqt. authority to install keyboard belong- to PHILA on	711-1
102492	7-29	TO	Searchlight; Binns control; reqt. report	708
102945	7/30	C.C.	Installation of standard blinker signal set	212--3
105223	9/3	Galveston	BINNS's control, searchlight, lost motion, etc. will have to be taken up before can thorough test	give 708
34123	4/10	To S&A	Ship one 500 Watt Motor Generator to Navy Id Norfolk for Galveston 1-3	629

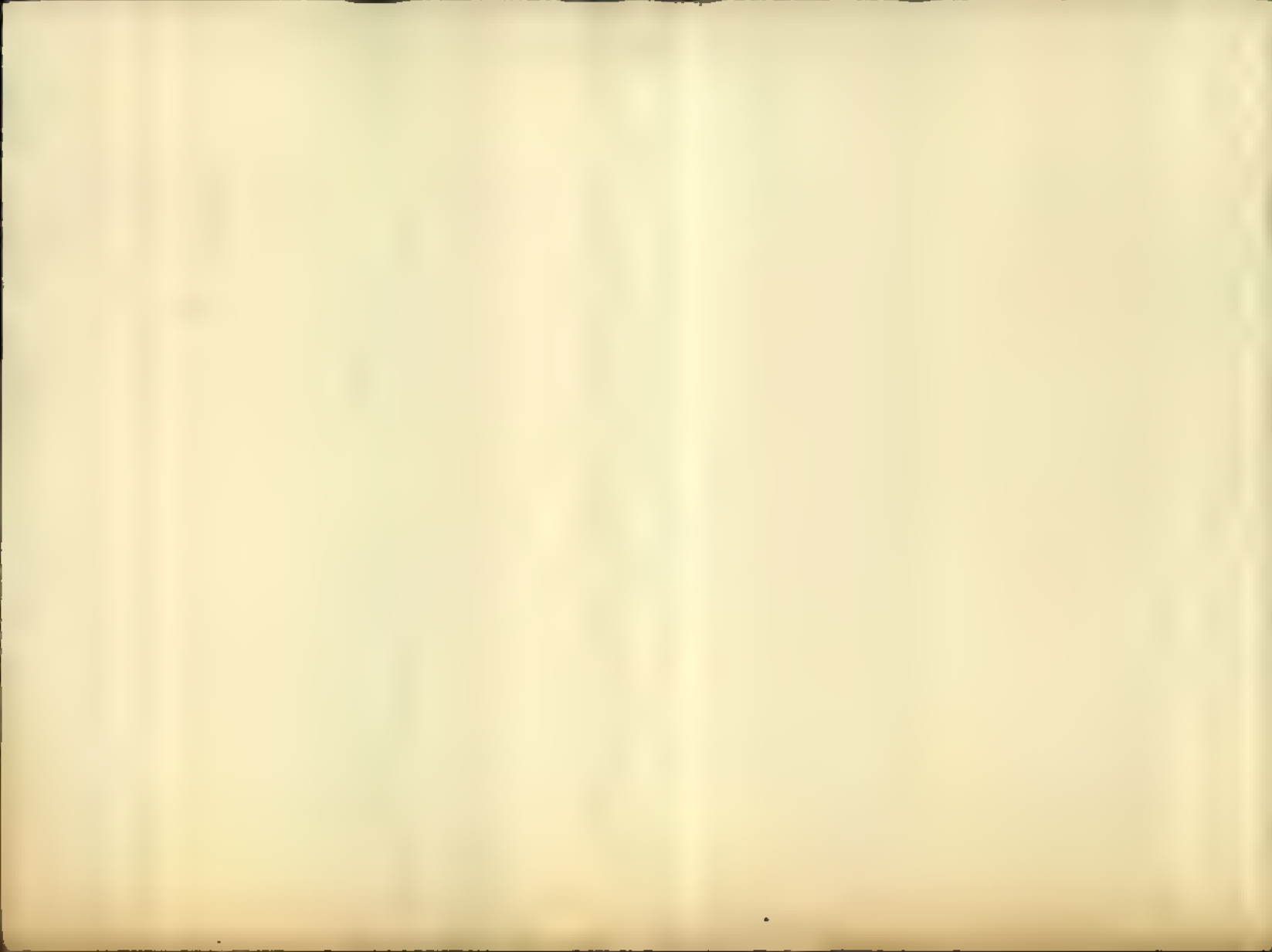
GALVESTON 212--5

1912

Number.	Date.	From or To—	Subject.	
113145	12/11	G.O.	Reports on defects in ship: gen. sets, etc	212--8
113657	12/24	Galveston	Reports on BINN's control for searchlights	708
		1914		
		1915		
197758	8/28	To CO	Steam log: conditions of electric plant reported as engines very poor; reqt detail report of condition and yard estimates for correcting defects. L	
✓ 208681	12-2	Olongapo (Micanite)	Defects in dynamo insulation; ^{sample} plan (not recd): To--Test samples be fwded. 12/25 Fwd NY--Fwds samples for comment. 1/13 RB 1-23 To--Comments on. 1/25 Olongapo fwds samples of defective mica 1/24 To--Acknowledges receipt of. 3/23	
✓ 211400	11-1 11-29	Olongapo Asiatic Flt	Gen sets; recommends be replaced by 3 350w 50 volt sets. L Fwd Dept--Rec disappvl. 1/18 RB 1-23 To CO via Olongapo Asiatic Flt--Install disappvd. 1/25	
243550	7/6	CO	Reports removal of ardois signals L	
✓ 309751	5-14	To Carlisle & Finch Co.	Advising control bearing for searchlights be made of brass, L	

GALVESTON: LIGHT & POWER SYSTEMS.

FILE No.	From or To-- (Dated)	Subject
✓ 29548 1/20	TO Pug.Sd	Gen.set: fwds plana.
34875 3/16	Pug.SD	& Chattanooga: fwds prints showing re-location of searchlights 154--5
38107 5/2	Pug.Sd 1559	Dynamo engine: submits estimates for additional repairs.L Fwd Dept rec appr.5/9. RB 5-11a'ppd To -- appr'd 5/11.
✓ 55930 12/8	Pug.Sd. 4257	Battery charging station: submits estimate for.L Fwd Dept via C&R-Rec.appd.12/15. ~~Furnish shell~~ Fwd--12/23. R. To---Directs. ~~Furnish shell~~ switch and ben. of lights for taking six 32 c.p.lamps.2/10. 1912
✓ 63348 3-7	Pug.Sd 1414	Submits estimate for installing mechanical control searchlights/L To---work will not be auth.at this time. Recst est. for installation of apparatus of Binns Machine Works.3/12.
J 74532 7/29	Ing.Sd. 4403	Distance searchlight control--Binns type; est.L To-appd. 7/31 Ref.C&R 7/31
J 76586 8/17	Pug.Sd. 4916	Searchlights: fwds prints showing installa- tion of hydraulic control.L To - approved for cns only 9/4



GALVESTON

WIRELESS

1922

Number.	Date.	From or To—	Subject.
619816	4/17 4/20	CO Boston	Request replace present radio transmitting set. W. To Boston— alterations to RUC Apparatus 4/22 W Boston 5/12 List new radio apparatus installed on W
634933	7/31	To S'A other side	812 Request shipment of Portable field set from Ports to CO W RB 1/8/23 W Ports— Ask what is desired for. 8/11 W To CO— Request Inform rel generator cc Ports 8/22 Ports (in date) Request action W Ports 10/4 W S&A 10/7 W Motor-generator for— shipment of cc GO WR
USS GALVESTON ENG	22	Fwd's Ports via S&A	
645435	9/15 10/5	CO Special Serv Sqd.	Request install 5 W radio set: V. Fwd's CO— Instn disapp'd cc Spec Svc Squad 10/21

N. Eng. 134

1922

RADIO

Number.	Date.	From or To.	Subject.
643933	from other side		Fwds S&A 10/10 W to S&A- shipment of 2000 10/26 W11/2 Fwds S&A cc ports 11/22

GALVESTON: WIRELESS.

Number.	Date.	From or To—	Subject.
274147	12/1	Olongopo	Olongopo no longer home yard - plans and estimates will not be submitted on radio-W To S&A - eqts inform where radio set shirt order 10/25 now is W
276383	1-15	Mara Island	Fwds special report on radion apparatus. W.
278301	1-31	S&A	Shipment of radio set from New York to the Phillippine Y. To S&A - eqts Lox 15 and Wilson located tiffy Bureau. S-5
279359	1-7	To Chasn. spark sp is at Chasn. 4-19	Radio installation on - Auth removal of present S-1 and install 5 kw set. is of board ready for installation. S-2 To S&A - eqts Lox 15 and Wilson located To Norf(T) - Auth remove old radio transmitter and install new 5 kw now on board. 4-1 Norf - Radio installation - Recommends Bureau take up with NY yard missing spark gap - 2 KW set removed is being overhauled. W 4-13 To Norf - Auth install of Lowenstein spark gap. 4-18 Radio transmitter - fwds data on - W Fwd CO 4-17
295558	1/9 2/19	M is Cavita	

~~201717~~ 212 - 6 GILVESTON: RADIO

Number	Date	From or To	Subject	
301717	4-30	To S&A	Reqt shipt transmitter and two batteries from Washington to CO. W To CO. rgt inform re receipt of radio, 8-19 To Claveston 8-19 RE 9-9 - W	
407076	3/31	CO T	Requ instaklation of GILVESTON set at Phila while OHIO is at Yd installing new crank shaft W	323-6
431095	7-9	To S&A	✓ Reqt shipt amplifier from Wash to CO. W	
504773	7-13	To S&A	✓ Reqt shipt of apparatus from Washn to C 539 W.	
533023	11:9 12:3	CO Boston	Request install new type of transmitting relay relocate transformers, etc. W To Boston gives actioncc C 12-11	
550234	3:7	N Orleans CANCELLED	Request auth to instal 2 kw radio equipment on board. W To N C (T) Inst'n Authd 3/10	

1913

✓ 2

Number.	Date.	From or To—	Subject.	
87096	1/1	CO	Fwds description of .W	
97198	5/14	To NY and S&A	Radio transformer 2-kw. at present on GALVESTON: request shipment Puget Sd to NY for PITTSBURG.	342-6
102945	7/30	Pac.Res.Fleet	Installation & repairs, radio set, etc	212--3
✓ 103878	8-13	Pac.Flt	Transformer from WEST VA installed to prevent delay: one received from NY wrong voltage.W To-Pac.Res.Flt.appd.8/19	
✓ 108749	10-24	Guam T	Reqt. time of shipment of variometer.W (T) to Mare ls.mfr authorized.10/27 To CO.advising.10/27	
117070	2/7	To Olongapo	Bu.has requested shipment from NY to Olongapo of 2-kw motor gen.and 2-kw transformer.W (See 117060-876) To Olongapo--auth.to rewind motor 4/3	
117060	2/7	To S&A	Reqt shipment of 2 Kw motor generators ad 2 kw transformers from NY to Olongapo.	876
119242	12-25 1-26 3-6	CO Asiatic Flt C&R	Increase mast height for radio purposes.W Fwd C&R.rec no further action at present.3/9.	

1915

GALVESTON: RADIO APPARATUS. 212 -- 6

Number.	Date.	From or To	Subject.	
170028	10/26	Pug Sd	Asks if portable radio set to be held at yard or to be forwarded to vessel on Asiatic Station	897
179568	2-19	To CO.	1/4 K.W. portable radio set type "D", asks disposition of. W	
194239	6/20	Asiatic Flt	Receiver assigned to	898
197205	7-10	CO	Request authority to retain antennas rigging installed by ships force. W 10 -- auth 6-24 RS 12-22	
202710	10/19	To S&A	Reqt shipt of one 5 KW transmitting set from NY to Pug Sd. for. W To Pug Sd via C&R -- 10/19 est for installation of. 10/19 To S&A -- Reqt shipt to Olongapo instead of Pug. Sd. 10/25 To Olongapo via C&R -- Reqt plans and est for installation of. 10/27 To Pug Sd via C&R -- Reqt fwd to Olongapo type plans for use in installation of. 10/27 To NY -- Reqt fwd to Olongapo detailed plans of above set. S&A - 1/17 - W	
206014	11/14	Pug Sd	Plans for installation 5 kw transmitting set; fwds for approval	161-6
223118	4/17	To CO	NSE 25-11 and you records differ. Reqt further information. W CC -- 6/25	

FILE No.	From or To— (Dated)	Subject.	
28989 1/13	To Pug Sd	& CHATTANOOGA: fwd reqn covering wireless set 154--6	
38182 5/2	Pug.Sd 223	Submits estimate for installing W.T. Set. W Fwd Dept. Rec. appr. of estimates. 5/11. U.S. Ar. d. States vessel will not be placed in active commission for some time. 5/12. Ret -- E/13. BB 6-24	
53977 11/6	Pug.Sd. 4091	Reqt. to be advised what is to be supplied: submits estimate for installation, etc. W To--States new set will be supplied from NY when recd and tested. 12/6.	
58229 1/3	Pug.Sd 2229	Re disposition of old set. W.	
66781 4/20	Dept	APIAR: directs sets for: be expedited.	876
68702 5-9	Pug.Sd 2676	Submits estimates for installing complete wireless set. W To--appd. E/16.	
81503 10-25	CO	Set was finished by yard force 10-16. W.	

1913



GALVESTON

Number.	Date.	From or To--	Subject.	
293859	4/2	S& A	Reqt shipt of sub sigapparatus from Ny to Norf for Galveston. L	711-3
299160	4/17	Norf	wiring - fwds plan - L	
		1921		
571100	4/27		To Boston (T) Gives instrns re removal of apparatus as C&R 6/27 Fwd C&R 7/1 Boston- Reports removal. 9/16 W	

GALVESTON MACHY PLANT

1922

Number.	Date.	From or To—	Subject.
643695	10/2	Atl Spec Ser Sqn T.	Vessel docked, completed repairs & undocked Y
648681	10/4 11/7	CO C&R	Subm. ts report on Y Fwd's Operna via Ord'n 11/16
648741	11/8	Spec Ser Sqn	Copy: Will send vessel direct to Boston for overhaul Y
649204	11/10	Dept	Copy T. to Special service squadron directing send vessel to New York and Boston Y
649415	11/6	Boston	NO. GALVESTON arrived at Yard Y

GALVESTON MACHY PLANT

1922

Number.	Date.	From or To—	Subject.
652631	12/7	Dept	Instructions in connection with holding material inspection Y To Bd I&S— Fwds listed reports 12/9 Board IS 1/2 Returns corres Y
652879	12/6	CO	Submits outline to be done by ships force during overhaul period Y

GALVESTON: MACHY PLANT:

Number.	Date.	From or To—	Subject.
569737	6;14	C&R	Copy of letter to Boston authorizing docking of vessel.Y
569219	6;15	Boston copy	Vessel docked.A
578345	8;1	Boston copy	Vessel undocked.Y
532290	9;23	OO	Vessel enroute to Man Ros post repair trials show no defects.
586326	9;29	C&R	General plans-fwd booklet.D
590158	9;30	OO	Report on condition of anchor and steering engine.Y
591121	10;4 10;18	Atl Flt C&R	Submits report of inspection.Y
593225	10/24	8th Dist. Copy	Vessel left in search of missing seaplane 893 8th Dist- Copy- Seaplane located.10/25 Y

1932



Number.	Date.	From or To—	Subject.
618E4	4/7 4/11	CG C&R	Request vessel be docked for examination Fwd's C&R to BOSTON- CG 4/14 C&R- Copy action to Bostn 4/17 Y
621395	5/1	Boston copy	Vessel undocked Y
✓ 638405	8/19	Special Serv. Sqd.	Copy- Request vessel be made available at Boston for repairs not later than 10/1. Y
✓ 641509	6/30 9/14	CG C&R	Submits report on mail readiness Y Fwd's Opns via rdn 9/30

GALVESTON, MACHY PLANT

Number.	Date.	From or To—	Subject.
373372	12-7	Gal.	Telegram - expedite lathe - requests- authority to turn in old
478502	2:26	JAG	Submits report of Bd of Investigation to inquire into condition of boilers and generators of. cross to 10 and 5. Dept. fws JAGS report covering condition of boilers and generators-2:29 Fwd Operations copy to CO. 3-5 Fwd Navn. 3-20
484319	3-30	To Pug Sd via Ord and	C&R. copy to CO- Reqs Bu uncompleted work be closed. Y
485294	4:2	Ord	Copy of indorsement to C&R approving action in connection with uncomplete work. Y
516669	9:11	Operns	Vessel directed proceed to Boston. A
518486	9:20	Dept	Directs matl inspn Boston yard. Y Bd I&S-returns corres-11;2-Y
520549	10:2	CO	Report covering unsatis condition of engine and fire room pilges. Y
521163	10:5	Boston	Request vessel be inspected Oct 14th in- stead of 12th.

212-8: GALVESTON: MACHY PLANT:

Number.	Date.	From or To—	Subject.
526953	no date	Bd I&S	Report on material insp'n held Oct 15th.L
534547	12;17	Boston	Submits detailed report of survey.Y Fwd Sept 12-24 RB 12/30 Y To Boston 211 wd cc Squad 3rd Div- CC 1-3/21
541339	1;16	XO	Subs Cir 211000 15-10-21 Fwd from 211000 15-10-21 to 211000 15-10-21 Pattison. Fwd Opns 1/1
551174	3;12	Dept	Copy of letter to Boston directing retain vessel in commission.A
550901	3/9	Dept	Copy of telegram to 1st Dis directing place 185-S DES MOINES out of commission and make GALVESTON ready for service. A
552788	3;21	C&R	Copy of letter to Boston authorizing docking.Y
557014	4;12	1st Dis copy	Capt C.S.Kempff assumed command.A
561304	4/27 4/30	Boston Dept.	Fwds correspondence with report on docking and condition of shafts propellers and stern bearings Y Fwd Opns 5/3 RB-5;10-Y Fwd C&R 5/11

GALVESTON: MACEY, LARRY

Number.	Date.	From or To—	Subject.	
294959	4/2	Norfolk	Estimates 35 days reqd for work - May 11th recommended date of completion - Y	
293071	3-28	To Norfolk	Has reqs Chas. Yd to transfe all job orders and unfinished correspondence to Norfolk. To Chas. Yd. issue necessary instructions for shipment to Norfolk of one set of evaporator tubes assembled at Chas. Yd. 3-28. To Norfolk issue instructions for shipment of one set of material assembled at Chas. Yd. for Norfolk. 3-28. Norfolk returns enclosure - 4/9 - Y. Chas. Yd. requests earlier shipment of evaporator tube - Y. Norfolk evaporator tubes not required. All work completed. Bu. req. to be informed that officer at Yd. req. the tubes. 5-2. Fwd SAA 5-2. To - S & A 5:2 received back 5:6 Y	
312300	6-1	Dept	GALV. STON-- assigned to Norfolk	774
333548	8-3	CO	Copy - request authority to obtain grease extractor from New York also request authority to over haul machinery and clean boilers - Y	
363450	10-23 10-28	CO Atl. Cruiser	Request install ask pans under main boilers Y	

GALVESTON: MACHY PLANT. 212 - 8

8

Number.	Date.	From or To—	Subject.
363452	10/23 10/28	CO Atl Cruiser	Request install connection dynamo main steam line to ice machines steam line in dynamo room etc Adv NY 10-31 back Nov. 15
363315	10/28	Dept	Ship will be available for repairs at NY about 11/5 - (1) - Asks if telegram inadvertently addressed to N.Y. Y. 10/31. To NY. This report of work re above 10-31 Adv NY 11-1 To NY. (1) is transfer of work to NY 11-1 New York Nov. 6 - Material not available
> 365998	11-3 1:9	CO NY	Request gate valves for flushing main and a heater for heating feed water to evaporators YD To Dept. bureau disapproves alterations. 11-6 To NY. Considers that alterations not necess. 11-8 To NY Nov. 8 back Nov. 14 Adv NY 11-16 To Dept. Nov. 8 back Nov. 15
> 365986	11-6	CO	Repairs to propellers and ice machine Y
374602	12:4	Dept	Date of completion of auth. work extended to Dec. 23

GALVESTON: MACHY PLANT.

1917

Number.	Date.	From or To—	Subject.	
264923	10/26	CO	Reports on material condition of vessel and apt-12-5	Y
269348	12-26	To Eng Sd	Transfer of job orders to Norf/ Y	
269349	12-26	~~Transfer of material to Norf/~~ To CO	Transfer of material to Norf. Y CO Jan. 20. Y.	
269349	1-22	CO	CO (T) all material landed 2-5 To (T) - let in on board 3-11. Repair set. Ends report on dock and post repair trial	Y
275017	1-22	Eng Operations.	Report of post repair and dock trials. Attention invited to general nature of the defects. Y	
275853	1-23	To NY	New steam cylinder for pump 190304. Inform if yet received. 1-23 Y to CO (T) - if practicable retain spare boiler material on board until decision made at at which yard repairs will be made. 1-23	
267868	1-26	CO	Requests orders to allow spare crank shaft, motor parts propeller blades and motor dorries, etc/ Y. End rd since via CO - 1-29 RB Feb. '.	

GALVESTON: MACHY PLANT. 212 - 8

Number.	Date.	From or To—	Subject.
278517	2/1	Dept	To be available Chasn for repairs - A
279112	2-1	CO	pdgs. list of repairs required. Y. o Chasn - P. is above 100° F. with instruction 2-8, 2-6 Norff- Item no. 2 not appvd at this time. 2-27
280394	2-8 2-1	Department. CO	Repairs on engine prevents cruise from Cavit to Hampton Roads. K/ Wvd Operations. 2-11
293179	3-28	Dept	Cancels instructions of Feb 21 - now available for boiler repairs. Y
292792	3-27	Phone Norff.	ork at Norff. Yd stated that ship was in dock and that repairs are in progress. Y
293071	3-28	To Norff	Has reated Chasn yd to transfer all job orders and unfinished correspondence to Norff. Y To Chasn(T)-Do not ship tubes to Norff. Tubes at Chasn (T)-Norff reports evaporator at Chasn may be considered available for issue. 3-28 tubes not needed. Do not ship pending further instructions. ns. 5-1 To S&A-Req's issue necessary instructions to Chasn for the most expeditious method of shipping to Norff of evaporator tubes. 3-28

1915

GALVESTON: MACHY PLANT.

Number.	Date.	From or To—	Subject.	
✓ 164627	8-30	Bd I&S	Material inspection. Y	
165411	9-4	Dept	Military inspection. Y Retd Via C&R Via Nav--Noted. 9/10	
✓ 167414	8-19 9-30	CO Dept	Retiring commanding officer recd action on repairs fire room angle irons. distillers require retubing. new gages. Y Fwd Dept via C&R--Noted. 10/5	
167843	10-9	Asiatic Flt T	Summarizes amounts recommended by Board I&S. Y Fwd Dept-- Rec appl of work. 10/12 RB 10/16	
168220	10-9 10-11	Asiatic Flt R Dept	Lists amounts recommended by Board I&S. Fwd Dept--Action taken. 10/14	
169048	999-7 10-22	CO Dept	Reports on unsatisfactory condition noted in material inspection report. Y Fwd Dept via C&R-Ord--Noted. 10/26	
171304	11-15	Dept	Hull inspection. Y Fwd C&R--Noted. 11/16	
171362	10-2	CO	Progress of work remedying defects. Y Fwd Dept via C&R--Noted. 11/17	
✓ 172004	10/2 10/4	CO Asiatic Flt	Remedy of defects noted during inspection. Y Fwd Marx via Dept via Nav--Noted. 11/26	

1918

GALVESTON: MACHINERY PLANT. #12 -- 8

Number.	Date.	From or To--	Subject.
✓ 195042	6/17	CO	List of repairs to be done by ship's force. Y
195186	8/26	Fwd Phila	Fwd Dept-- 9/14 <i>See #12-5-5</i>
✓ 209396	10-9	CO	Post repair trial; fws report. Y
215214	12-27	CO	Repair main engine cylinders, pump, gen set., Y
225845	4/28	Dept	Military inspection Y Fwd Dept via C&R Ord S&A M&S--5/2
250722	6/19 8/30	CO Olongapo	Alterations--re lace feed water heaters and install independent dynamo exhaust pipe tube condensers. Y Fwd Dept-- Fwd recommending appvl. 9-29 R E 10/3 To-- Alteration disappvd. 10-3 CO - request decision 10/22 Y To CO (T)- Alterations disappvd. 10-23

GALVESTON: MACHY PLANT.

Number.	Date.	From or To—	Subject.	
94717	3-29	Dept 17437-91	Inspection report: f.wia. Y Fwd Dept. via S&A-M&S, noted 4/17	
103925	8-16 8-13 8-19	CO Pug.Sd 11890 C&R 27644-E.15	Estimate for piping and elec. work for laundry installation: disapproved by C&R. Y Fwd Dept: 8/21. S. S. 8-28 Ret C&R. 8/27.	
104854	9-2	Pug.Sd T	Cannot complete work until 9-18: on account renewing hull rivets. Y	
104942	8-27 8-29	CO Pug.Sd	Reports on conditions which caused delay in sailing: f.wia weekly report repairs. Y Fwd Dept. 9/5	
105017	8-25 9-4	CO Dept 17437-101	Have directed investigation as to cause of delay in completing repairs Aug. 30 to Sept. 18. Y Fwd Dept 9-6	
105018	9-5	Dept	Repair period extended to 9-18. Y	
106882	9-29	Dept	Report of proceedings of board to investigate reasons for un-preparedness of vessel for sea at Pug.Sd. C Ret---10/7	
126760	6/2	Dept.	& CINCINNATI: request recommendations re changing home yard to Clonsapo. Y	161-8

GALVESTON: MACHINERY PLANT. 212---8

Number.	Date.	From or To--	Subject.
108034	9/10	Olongapo	Request complete set of Vandyke Plans.D To---Fwds Vandykes.11/11
✓ 113145	12-11 12-17	CO Dept	Reports on defects in ship: condensers, pumps, distillers, valves, gen sets, etc.Y Ret Dept. rec report be ref to Eng Sd and Pac. Res. Flt. 12/22. Ret Dept via Nov. rec no further action. 1/23. B 3 To CO via Asiatic Flt. Bu assumes that defects will be remedied. 5/1. Fwd Dept. 5/1.
✓ 114255	11-15 1-6	Dept C&R	26283-651 17729-E.591 Reports of board on unpreparedness of vessel Aug 30, 1913 at Eng. Sd. Rd. C Fwd JAG. 1/6
		1914	
✓ 122079	12-5 2-28	CO Olongapo	Alterations: additional distiller, 2-ton ice machine, pump for ash ejectors, install direct exhaust steam piping from gen sets to auxiliary condenser.Y Fwd Dept. with rec. 4/16. 28 To Olongapo via Asiatic Flt. instructions. 4/28.
✓ 127267	6/10	Dept.	Military inspection: fwsd report.Y Ret---via Ord and S&A. 6/16.
132393	6-19 6-30	CO Asiatic Flt	Distiller head main feed pump: repair.Y
139870	11-16	Dept	Material inspection. Y Fwd Dept VIA bus 11-18
✓ 153097	1-27	CO	Repairs to ash h lat engine and taltale gear.Y
154261	5/4	S&A	Request comment on proposed change of home yard 161-8

GALVESTON: MACHINERY PLANT: GENERAL.

FILE No.	From or To— (Dated)	Subject.
35435 3/31	Pug.Sd 1917	Gen. Survey under Bu. Equipment: submits estimate for division of work: under SE & C&R.L. Fwd C&R for information 4/6. BB 4-22
36034 4/8	Pug.Sd 1276	Survey: Item 62: steel shield for enclosing thrust bearings: submits revised estimate. Y Fwd Dept rec appr. 4/14. BB 4-17 app'd To -- Aprd 4/16.
41987 6/17	Pug.Sd. 1965	Estimates for work found necessary in addition to those reported in General Survey. Y Fwd Dept. Rec. appr. 7/11. R.B. from Pug.Sd To -- Aprd 7/12.
41887 7/25	Pug.Sd 2799	Statement of amounts authorized under appropriation for repairs in connection with Genl. Survey, Mch. 10, 1910. Y Fwd Dept. Comments: when revised estimates are received, same will be submitted. -- Ret -- (enc.) Recd revised estimates. 8/9. R.B. from Pug.Sd 8/28.
1912		
68593 5-7	Pug.Sd 2640	Estimate for testing out machinery after survey repairs. Y
80219 10-4	Pug.Sd 5970	Dock trial: reports on. Y Fwd Dept 10-25
84162 11-23	Dept 17433-88	Inspection held 11-6: report. Y Fwd S&A. 12/5.
1913		
88190 1-1	CO	Reports on readiness for battle. Y



1917

GALVESTON: MAIN ENGINES.

Number.	Date.	From or To—	Subject.	
✓ 243368	8/12	Cavita Co. Y	to Ask actual number on hand. 8/15 Cavita - no crank shafts in store - have and issues to DISCARD. 10/3 Y Fwd Comdr Flotilla A, Div C destroyer Force - 11-10 E 1/9	
280394	2-8 2-1	Department. CO	Repairs on engine prevents cruise from cavit to Hampton Roads. K.	212-8
439984	8/7 8/14	American Steel Edys Corp	Request disposition of high pressure piston patterns on hand for. Y.	212-14
		1921		
✓ 553541	3:8 3:24	CO Boston	Request renew ring on balance piston offport ip valve-gring hp piston rod, etc. Y To Boston - et est le subm. co. Co 4/5 Boston-subm. estimates 4, 12 Y To Boston Estimate approved 5/23	
✓ 597255	11/21 11/22	JAG Dept	Report cov investigation of damage to star board main engine. Y Fwd Opns 11/26	
✓ 598423	12/7	Fwd Navign	Ed of investigation to inquire into all the circumstances pertaining to the damage to the starboard main engine E F	

[illegible]

Number.	Date.	From or To—	Subject.
✓ 604036	1/6	JAG	Report on condition of #5 boiler on board. Y and Taver 17/14
✓ 617627	4/7	Boston	Request instructions rel to retubing distillers Y to Boston. Auths retubing of distiller be done by ship's force 4/15 Ys co GALVESTON
✓ 645434	10/3 10/8	CO Special Serv. Sqd.	Request spare heaters and water logs be carried on board as spares Y To S&A Request shipment of boiler spares from Phil to Boston 1282 10/26
✓ 646021	10/8	CO	Electrically weld crack in front of #1 boiler header. Y
✓ 651405	11/8 11/16	CO Spec Service Squad.	Submits inform r 1 to instln recy to operate evaporator on auxiliary exhaust D Fwds Boston co CO- Comdr Spec. Svc Squad 12/23

GALVESTON: MAIN BOILERS: ETC

1918

4

Number.	Date.	From or To—	Subject.
306986	5-13	Norf	Reports -- in certain parts of boilers for replacement. To - Balance of material may be shipped to NY 5-16
30345	10/23	At - 11-12	At - 11-12
45859	11/8	European Forces Copy	6759 - Request immediate shipment of one rear left corner header B&W boiler - Y To(T) - Advise Bureau name of ship requiring header. 11-14 European Forces-copy-request repeat telegram--11:22 ✓ To S&A - Request shipment boiler header from Brook to CO. 11-28 RB-5;18-Y European Forces-copy-7126-material should be shipped to vessel at Constantinople-12;10 To European Forces (T)-Rear left corner boiler header for shipped via NEREUS to Constantinople, 12-12 To CO-request inform re shipping order-2;26
469939	1:19	European Forces	T Request immediate shipment 200 2 inch tubes for B&W boilers-Y To S&A - Request shipment boiler material from Brook to CO. 1-20 RB-5;15-Y To S&A - Request shipment boiler material from Norf to CO. 1-20 S&A - 2-6 Fwd S&A. 2-10 RB 2/17 Norf - request action - 5/24 - Y
	2-19	Norf-CO and	
	2-19	European Forces	
	2-27	Norf	
	3/9	To SO Norf. rel shipmt	
	4:8-Y	Norf	
	6-3	Fwd SO Norf	
	5:17-Y	CO	

212-10 GALVESTON: MAIN BOILERS: ETC:

Number.	Date.	From, or To.	Subject.
471648 2	1:23	European Forces	1909 copy Request shafts of crossback and tubes for B&W boilers.Y To (T)- Material shipped from Ny and Norf Shipping data following by letter. 1-25
476966	2-19	To S&A	Regt shipment Boiler from Ports to CO. Y To CO Adv if Cross box need 6-30.
478502	2/26	JAG	Submits report of bd of Investigation to 212-8 inquire into condition of boilers and gene- rators of.
499105	5:21 5:7	CO Adriatic Forces.	Safety valve settings on boilers reduced to 200 pounds.DAM To Dir Gunlery Ex. Eng Per. Regt that confident- supplement to rules is revised accord 6-21. To Co- Regt instrn 10/22 CO-10:31-MED To Dir of Gunlery Exercises and Eng performances. grants authy 11/23 To Galveston gives instrns 11/23

1917

GALVESTON: MAIN BOILER RS: ETC.

Number.	Date.	From or To—	Subject.
267708	10-27	CO	Removal of feedwater heaters. Y To Norf. Directs to investigate upon arrival and report to Bureau re alterations. 12-26 Norf. - No change is recommended. 4-3 Adm Dept. 4-9 To - Dept disapproves alterations. 4-15
272682	1-11	To S&A	Rept ship 4 evaporator coils from Pug Sd to Norf. Y S&A - Copy of letter to Norf requesting copy of 1916 further search be made for cert. in material. Y Norf. - EV pur for coils received. Y 6-1 6-19
275980	1-23	Phone Chasn	Boiler work. Bu asked if could undertake after departure of CHATTANOOGI. Yd replied would like to have it as soon as possible. Y Chasn - 1-10 - Y
276759	12-29	CO	Repairs to boilers Y To Norf. 1-11 To Norf. - if possible, place n board 9 side boxes for 10. These are in condition to be shipped on to Norf. for repair. 2-1 To Norf. - Parts material to place on board if vessel could stop there. 2-1 To Norf. - Bu raised list of things a ship could do boiler work. It would be placed on board the ship at the Norf. 2-1 To Norf. - Bu raised list of things a ship could do boiler work. It would be placed on board the ship at the Norf. 2-1 To Norf. - Bu raised list of things a ship could do boiler work. It would be placed on board the ship at the Norf. 2-1

212-10: GALVESTON: MAIN BOILERS: ETC.

Number.	Date.	From or To	Subject.
✓ 281985	2/15	Chasn R	Request drawings of tubing for renewing evaporator tubes. Y To T - Sufficient evaporator tubes being shipped from Phila. 2-16 To Phil - Re: ship 128 evaporator tubes from Phila to Chasn. 2-16 Shipnent order PB 3/18
✓ 285480	2-21	Dept	Available for boiler repairs at Charlestown after March 25th. Y
292939	3-27	Chasn T	GALVESTON - asks if evaporator tubes shall be shipped to Norfolk. Y To T - Prepare to ship most expeditious manner to Norfolk evaporator tubes and in the trans job orders and correspondence. 3-28 Phone Norf - Asked yd if had all necessary material for evaporator work. 3-28 To Phil - Re: issue necessary instructions for ship of one set evaporator tubes to Norf. 3-28 Cancels instructions of Feb 21 - now available for boiler repairs
293179	3-28	Department	
✓ 293071	3-28	To Norfolk	Has re: charleston yd to transere all job orders and unfinished correspondence to Norf
✓ 305131	5/7	Norf	Request van dyke print showing boiler details of D

GALVESTON: MAIN BOILERS: ETC.

1912

Number.	Date.	From or To--	Subject.	
76923	8/29	Pug.Sd. T	Requests immediate purchase and shipment of upright for left corner box for boilers.Y To S&A.&---.Reest shipment.8/30.	
77263	8/30	Pug.Sd. 5169	Boiler.C; estimate for providing new upright.Y	
1913				
105103	9/3	C.O.	States reducing valve on main steam lines have had all interior removed, asks if safe to use full boiler pressure without use of same.	212--20
112992	12-12	Pug.Sd	Spare evaporator coils; re disposition of.Y To---direc's retain in stock.12/18	
113145	12/11	C.O.	Reports on defects in ship, distiller, etc	212--8
1915				
162461	7/21 8/2	CO Asiatic Flt	Welds crack in header, boiler No. 4.Y	
163986	7-6 7-19	CO Asiatic Fltt	Mfg bottom globe connection. Y	
1915				
161893	1-8 2-7	CO Asiatic Flt	Tin distiller tubes.Y	

GALVESTON: MAIN BOILERS 212-10

Number.	Date.	From or To—	Subject.	
✓ 203382	8-30	CO	Report of board on main boilers: Cinc has directed safety valves be reduced 250#. YD	
✓ 209402	9-19	CO	Boiler pressure reduced from 275 to 250#. DM	
✓ 209391	8-24	CO	Repairs smoke pipes. Y To Asiatic Fit—Work auth. 12/29	
✓ 209398	9-20	CO	Reports reduction boiler pressure 275 to 250#. D	
			1917	
217501	1-24	CO	Recommends safety valves Nos 1 and 2 be increased to 250#. DM To via Asiatic Fit—Grants auth. 3/13	7/28
245400	8/5	Asiatic Fit	Revs report of Bd of Investigation on condition of boilers Y	
✓ 254753	10/15	Asiatic Fit cable copy	Repairs to uptake of boiler supports required. Y	
256950	10-27	To CO CINCINNATI T	Flag direct CINCINNATI GALVESTON take on board before sailing home all 3 are propeller blades Olongopo and all boiler material suitable these vessels Cavite Olongopo.	161-10

GALVESTON: MAIN BOILERS: ETC.

Number.	Date.	From or To—	Subject.
✓ 38105	5/1	Pug. Sd 225	Reqt. installation of evaporator trolleys; submit estimates. Fwd Dept. Rec appr. 5/9 RB 5-25a'ppd To -- Auth. 5/25. Fwd CR. 5/25. RB 6-2
43696	7/11	Pug. Sd 2592	Retube boiler A: Est. for Y Fwd Dept. Rec appr. 7/17. RB 7-19a'ppd To -- Appd. 7/20.
55431	12/7	Pug. Sd.	Grate Bars: requests authority to alter: present fitted for Saw Y Fwd Dept-Rec confirm. of action. 12/8 RB 12-12a'ppd (T) To--Auth. 12/8.
✓ 55557	12/8	Pug. Sd. 4322	Submit revised estimate covering repairs to boilers; work found necessary on exam- ination. Y Fwd Dept-Rec/appd. 12/9. RB 12-12a'ppd To--Appd. 12/12.
✓ 55809	12/4	Pug. Sd. 4338	Inswinging furnace doors: states original estimate insufficient; submits increased. Y&D Fwd Dept-Rec/appd. 12/12. RB 12-14a'ppd To--Appd. 12/14.
56637	12/20	Pug. Sd. T	Boiler D: crack developed while testing. Requests new upright. Y
56813	12/22	Pug. Sd. T	Defective 2" tubes developed on test due to pitting; necessary to renew all old 2" tubes. Y Fwd Dept-Has auth: rec confirmation. 12/23. (T) To--Authorized. 12/23. RB 12-28a'ppd

GALVESTON: MAIN BOILERS: ETC. 212 -- 10

Number	Date	From or To	Subject
✓ 56912	12/19	Pug.Sd. 4468-11	& CHATTANOOGA: Relative to overhauling boilers and final setting of safety valves Y&D To---Satisfactory to set at 275 lbs. 1/5.
57363	12/26	Pug.Sd 4498	Boiler D. Reports crack in upright; estimate for repair. Y
57624	12/28	Pug.Sd	Defective 2" tubes: submits estimate. Y
58764	1/8	Pug.Sd 80	Fit additional zincs on drums of, Y Fit to -- 2-15-17. Fwd Dept. request appr. 1/17. H.B. 1-10-17
✓ 61008	2-6	Pug.Sd 720	CHATTANOOGA: furnace castings for B&W boilers: fwd vandykes of those actually installed. D
61287	2-9	Pug.Sd 797	Tested by ship's force: submits estimate for in identical yard work. Y
61693	2-15 2-20	Pug.Sd 1008 Dept	Necessary to extend date of completion due to non delivery fire brick. Y Reon. 3/6 Pug.Sd. Fwd S&A. 2/23. R.B. 3-20 Fwd S&A. 3/23. GALVESTON
71814	6/22	Dept	& CHATTANOOGA: to be placed in second reserve immediately. Pug.Sd. reat instructions re 154-8 appropriation against which to charge equip- age K

GALVESTON: AUXILIARY MACHINERY

1920

4

Number.	Date.	From or To—	Subject.	
498785	6/18	To GALVESTON	Power boats— Asks if have on board 30' steamer 14700 Y	611-1
501056	5/22	C&R	Co Y letter to ~~XXXXXXXX~~ In conn with boats transferred to: Y	611
501846	5/24	GALVESTON	Submits report on power boats on board; Y	611
513655	8-25	C&R	Instructions to Adriatic forces for transfer of boats.	611
517987	9/20	To GALVESTON	Request correct engine number of 30' motor sailing launch 4891 Y	611-6
559766	4/23	C&R	30' motor sailing launch 4891 on board GALVESTON condemned for sale Y	611-6
574628	7/12	C&R	CO GALVESTON request three 30' motor sailing launches be furnished Y	611-6
603012	1/5	To CO GALVESTON	Whereabouts of Motor sailing launch No. 2087 co LOG	611-2

212-11

N.S.E. Form 124.

GALVESTON AUX MACHRY

1922

Number.	Date.	From or To--	Subject.	
603012	3/21	To CO USS GALVESTON	Whereabouts of Type BB engine. Ye	611-2
630012	5/27	C&H	GALVESTON will consider exchange of steamer 14700 with motor boat when vessel comes North. Y	611
647013	10/28	To USS GALVESTON	Error in Power boat engine number Ye CO M	611-6

GALVESTON-AUXILIARY

1919

Number.	Date.	From or To—	Subject.	
400789	3/7	C&R	Copy of tele to Norf auth delvy 40 ft steamer to GALVESTON	611-1
401355	3/10	C&R	Auth issue of motor boat 5037 to GALVESTON	611-2
402104	3/1	C&R	Copy of ltr to NE directing prepare 30 ft steamer for GALVESTON & To C&R asks re disposition	611-1
404083	3/19	NY	Steamer 14700 assigned to GALVESTON Y	611-1
404292	3/20	C&R	Steamer 14700 assigned Galveston Y	611-1
418426	5/14	C&R	Copy letter to Patrol Forces auth retain 35 motor boat on board GALVESTON Y.	611-2

GALVESTON: AUXILIARY MACHINERY

Number.	Date.	From or To—	Subject.	
419441	5/31	To GALVESTON	Asks correction of records. Launch 4891 on board 3-31, on Jan 19th reported lost, engines installed in hulls Nos 1423 and 4890 opposite from engine installed in hull 5037 is No 3625 instead of 3629. Y	611-2
SE 55	5-24	To NY	Asks if engine 2087 was turned in by, if so sub report covering Y	
457497	11/6	GALVESTON	Submits report of damage to Sterling motor installed in barge assigned to senior naval bearings. Y	611-2
476393	2/17	To C&R	GALVESTON reports steamer 1169 and motor boat 3421 on board. Records show assigned to SCORPION. Advise if transferred. Y	611-2
GALVESTON Survey SE 55	2-21	To Ny	Type BB power boat engine No. 2087 whereabouts. Y	
477344	2/21	To GALVESTON	Information reasrd disposition made of engine 2087. Copy SO N.Y. and Fleet use. Y	611-2
480860	3/10	C&R	30' m.s.l. 3285 transferred to GALVESTON: Y	611-2
482206	3/17	N.Y.	GALVESTON will turn in BB engine 2087; Y	611-2

GALVESTON: AUXILIARY MACHINERY.

1915

Number.	Date.	From or To--	Subject.	
148753	3/4	To GALVESTON	Steamer 809; reqt further information on boiler; number and type of omitted from steam log	611-1
171018	9-14 10-4	CO Asiatic Flt	Magneto and mitra gears for motor dory eng.Y	
186381	3-14 4-6	CO Asiatic Flt	Repairs to motor sailina launches engines.Y	
194427	7/21	G & R	Motor dory 1241 assigned in lieu of 1021	611-2
197204	6/2 0	CO	Engine 695 installed steamer 809 in lieu 810	611-1
197338	7/26	Asiatic Flt	Engine 2352 installed in motor dory 1241, transferred to GALVESTON	611-2
199019	9/12	To Norf	Assigns engine	138-11
199850	7/14	Cavite	Engine 2252 instal led in 1241 Galveston Y	611-2
217502	1-28	CO	Repairs to motor boat machy.Y	
229838	3-30	GALVESTON	Reports changes in power boat machinery.	611-1
250647	8-21	Cavite	Launch engine 1217 installed in; launch G-2 531 in steamer 503 .	611-1

GALVESTON: AUXILIARY MACHINERY.

Number.	Date.	From or To—	Subject.	
278567	12-29 2-2	CO C&R	Repair sections of over-board discharge pipes ash hoppers. R. and C&R—	
277927	1-31	C&R	Instructions rel to boat allowance for GALVESTON. Y	611-2
294599	3/3	Galveston	Recommends replacement of engine 2087 recently surveyed.	611-2
298526	4/15	C&R	Galveston—Copy instructions to Norf to issue motor boats to.	611-2
Galv 55	1-16	To New York	Tels. Request Engine #2638 be issued for motor sailing launch #1423 to replace Type #2087.	
BUSE 55	1-20	To NY Phone	Request steps be taken re del material eng for repair no 7572— Norf BL 15003 consigned Supply Officer Fleet Supply Base for—	
387316	1/21	C&R	Copy of tel to NY asking if motor sailer del to GALVESTON Y	611-2
389439	1/28	C&R	Copy letter to Bu SE repts 3 08 motor sailing launch belon'g to GALVESTON found 30' motor sailing launch C-312 assigned for issue to NY Y	611-2
393384	2/7	C&R	Whole boat 952 found at Coast Guard Sta 316 Y	611-2

GALVESTON:

AUXILIARY MACHY

1 ✓

Number.	Date.	From or To—	Subject.	
37761	5/3	C&R	BOATS: reports assignment of 33' No. 745 from Pug. Sd	611--1
41008	6/12	C&R	BOATS: issue of 33' cutter 745 to Pug. Sd for BOSTON. #809 from Pug. Sd to Galveston	611--1
42854	6/28	Pug. Sd 2406	Repairs to jacking engine. Y Eng. with 41987-212-8. 7/11. R. 7/11. Appd. to -- Appd. See 41987-212-8. 7/12.	
			1912	
82407	11/12	C&R	CHATTANOOGA: voice tubes, gives number and location of mouth pieces.	154--4
			1913	
98969	6/7	C&R	Have or dered 30' sailing launch altered for 1423.	611--2
92551	7-23	CO	Reqt. spare engine be assigned to steam cutter. Y To -- via Inc. Sd and Fac. Res. Flt. addition to allowance. 7/30. End Pug. Sd. Appd. 7/30. R. B. 8-18 Pug. Sd. issued engine 695 8-12	

GEORGE WASHINGTON.

GALVESTON 212--11

Number.	Date.	From or To—	Subject.	
104791	8/21	G.O.	Spare parts for sailing launch feed pump: reqt excess be allowed.	212--21
105740	9/16	M.Is.	Reqd auth. to install new engine in motor dory 1021 for	611--2
107150	9/27	M.Is.	Reports installation of engine 2121, motor dory 1021.	611--2
107308	10/7	C&R	21' motor dory 1021 ordered issued to from M.Is. engine 2121.	611--2
102503	7/29	Fug. Sd	Reqd auth. to install BB engine 2087 for 1423	611--2
125969	5/28	To GALVESTON	Log does not list motor dory 1021 and G-2 eng 810; asks if on board	611-1
140542	11/28	To GALVESTON	Discrepance in boats and engines reported in steam log	611-1
146754	2-9	To Olóngapo.	After deck winch; repairs to armature of; under cog C&R; cancel charges under SE. Y	

GALVESTON: CONDENSERS

Number.	Date.	From or To—	Subject.	
93801	3-22	CO	Reqt. permission to dis-assemble main for repacking, etc. Y	
102551 VOID	7-27	CO	Reqt. spare engine be assigned for	
106825	9-25	CO	Aux. condenser; reports on condition of. Y	
113145	12/11	C.O.	Reports on defec's in ships condensers, etc 212--8	
122079	12/5	CO	Alterations; additional distiller, etc.	212-8
167414	8/19	CO	Retiring commanding officer reqt action on distiller retubing	212-8
643117	9/29	To CO	Fwds Allowance list Ya	

1922

Number.	Date.	From or To--	Subject.
✓ 654501	12/16	Spec Service Squad.	Copy of letter to GALVESTON rel to utilizing exhaust steam for operation of evaporators D

Number.	Date.	From or To—	Subject.	
601054	12/9	CO	Request repair leaky coil in #2 ice machine	L

GALVESTON: HEAT. VENT: REFRIG. SYSTEMS.

Number.	Date.	From or To—	Subject.	
43605	6/19 7/13	Pug.Sd 2234 C&R 1805-E.116	Alterations in cold storage room. Y Get report, least estimates for rearrange of Pipes. 7/23. 1805-E.116 and Reqt. return. 8/22 C&R To C&R. 1805-E.116 Returned the 29th. 8/30.	
55619	12/3 12/9	Pug.Sd. 4311 C&R 1805-E.124	Re-locate a steam radiator due to installing tank for storage of kerosene. Y Re: C&R-Notes auth. 12/11.	
			1912	
			1913	
90927	2-18	CO	Ice machine: reports bed plate cracked. Y Fwd Pug.Sd. 2/24.	
✓102771	8-1	Pug.Sd T	Referred authority to mfg and install re- frigerator machine. Y (T) to --- must not interfere with depar- ture of ship, on date fixed. 8/2.	
103066	7-31	CO	Ice plant: reft. re-cooler be mfg. Y Fwd Pug.Sd. Kfr was authorized by tel- egram Aug. 2d. 8/9	
122079	12/5	CO	Alterations, 2-ton ice machine, etc.	212-8

GALVESTON: HEAT:VENT: REFRIG. 212-13

Number.	Date.	From or To—	Subject.
186792 VOID	5-1	Dept	Report of board investigation damage to centre propeller Y
186791	5-4	C&R	Asks type of refrigerating machine.D To—Equipped with 1-ton dense air ice machine. 5/6
✓ 209389	9-9	CO	Reqt 2 ton Allen ice machine in lieu of one ton now installed.Y To Port—Directly ship 1-ton ice machine to Cavite for. 1c/28 To S&A—Reqt instrns be issued to ship to Cavite for. 1/8 Reqt ice machine has been loaded on PBO-100S for transportation to Cavite 1/15 Fwd Dept—Recommendations. 1/17 RS 2-3 To Asiatic Lit—Auth add'l 1-ton ice mach. 2/5
279113	2-1	CO	Replace alterations to Ice Mach. Y. To Chasn—Alterations authorized. 2-11 & CO
380056	12-27	Phone Supply Officer	Reqt for appvl of spare parts for ice machine. Bu informed would appve. R
439113	4:16 5:1 6:26	//HB Roelker Fwd Bill covering S&A CO	material delivered to vessel for repairs and spare parts for Allen dense air ice machine.D&K Fwd S&A—recommend payment be made. 8:25

Number.	Date.	From or To--	Subject.
644590	9/28 9/29	CO Spec Ser Sqn	Request disposition of one star Board propeller Y To CO- gives disposition of propeller 10/18
617707	10/16	To Boston	GALVESTON Propeller and shaft ;examination of requested Dt Y 138-14
GALVESTON	Req 1-23	YM 12/6 To Comdr Spec. Svc Squads- CLEVELAND	Propeller blades- disappvd cc CO YM
653551	12/11 12/13	CO Boston	Hosts authority to turn in at Boston spare propeller blades Y To CO- authd cc Boston 12/21

Number.	Date.	From or To--	Subject.
572000	6/21	Boston	Req: drawings showing existing struts. To Boston Fwds Vandyke 6/24
577000	7/22	Brooklyn	
577000	7/22	Boston	
518341	4/12 4/12	CO Boston	Request vessel be docked for rewooding strut bearings Y
627216	5/7	Boston	Propeller report Y To Boston-- Gives Instr re: propeller 5/14 Boston 7/5 D
3 637623	8/15	Special serv. bqd. (T)	Vessel lost port propeller and tail. Y To S&A- Request shipment of Propeller from Brook to CO 956 8/25 To S&A Request shipment of blades from NY to CO 957 8/25 RB 9/30 To Spec Svc S. ad (T) status of shipment 8/25 RB 9/30.

GALVESTON 134 PROPELLERS

1922

✓

Number.	Date.	From or To—	Subject.
✓ 638490	8/19	Spec. Serv. Sqd. Copy	Report on propeller damage. Y
✓ 639431	8/25	Dept T	To Spec Service Squadron stating propeller shaft shipped via SHAULONT Y Dept- Copy of telegram to Cmdr. Spec. Serv. Sqd. extending availability of vessel for repairs. 8/30 Y
✓ 639557	8/30		Copy of telegram to 15th Dist. with packing list for propeller repairs.
✓ 640149	9/5	To Brooklyn	Telephone Call Re: to propellers for GALVESTON. Id co Opera

1918

GALVESTON. PROPELLER. SHAFING

Number.	Date.	From or To—	Subject.
297479	4-11	Norf	Strut bushing - reports boring to ~~ear~~ alignment. Y
298901	4-22	To Norf	Propeller tap bolts - Lists information to be desired to be informed of. D Norfolk 5:2 Galveston Y To - fws print. 5-10
300482	4-22	Norf	Propeller tap bolts - fws sketch showing changes. D
308116	5-21	To Norf. Re spare propeller blades	and reqts comments on same, Y Norf - 5-1 To C O, re spare propeller blades, 5-6 NO 6-27 C
322623	7-3	To Nrf	Reqt shipt patterns for 121 to Norf, Y To Pg Sq. Via SEA. Reqt inform re receipt of above, 8-5 R 8:10, 19 To Nrf. Via Comdt. re shipt patterns, 10-19 Norf. Oct. 25 - material received Oct. 11

G. L. VESTON PROPS AND SHATTING

Number	Date	From or To—	Subject
SE 1703	7/14	To S&A	Recommend award to Erie Forge Co R
439984	8:7 8:14	American Steel Edys Norf Insp'r Chester-9:15	Request dis position of high pressure piston patterns on hand for.Y Fwd Insp'r Chester. 8-19 RB-8:26 <u>7</u> To Amer Stl Co-Directs Insp'r Chester ship pattern to Boston if property of Navy-8:27 To Insp'r Chester-8:27
440188	7-31	CO	Submits report covg damaged port propeller. Y
467053	1-5	1920 To CO	Advise if have on board spare propellers listed. Y RB-3:12
541195	1/21	1921 To CO	Ask to confirm or corr records as listed Y CO-1:24-Y
558482	4:1	CO BLACKHAWK	Quarter ending 3:31.Y
558465	4:15	Boston	Ask location and number of spare propeller shaft and blades available for install on.Y To Boston Gives Inform 4/22 To Boston (T) Approved 6/28 To Boston approved 7/12

GALVESTON: PROPELLER: SHAFTING:

Number.	Date.	From or To	Subject.
✓ 62339	2-26	Pug.Sd 1202	Spare propeller blades: complete set of 6 are being manufactured; set for port in store; req. instructions re disposition. Y
✓ 62340	2-24	Pug.Sd 1203	Reports re disposition of, spare propeller blades should have been surveyed lost blades/Y
✓ 63349	3-7	Pug.Sd 1436	Manf. 6 propellers; just begun. Y
✓ 77764	6-29	Pug.Sd 3890	Reports status of propeller mfg. Y
75062	8/1	Pug.Sd. 4517	Propeller blades: reports 90% completed. Y
77571	9-3	Pug.Sd	Propeller blades: reports status of manufacture. Y
✓ 91425	3/1	To Pug.Sd.	1913 4 CHA. TANCOGA: Propeller shafts: forgings in stock. Asks if of uniform diameter throughout. Pug.Sd. suitable for, but not for CHA. TANCOGA. 3-18

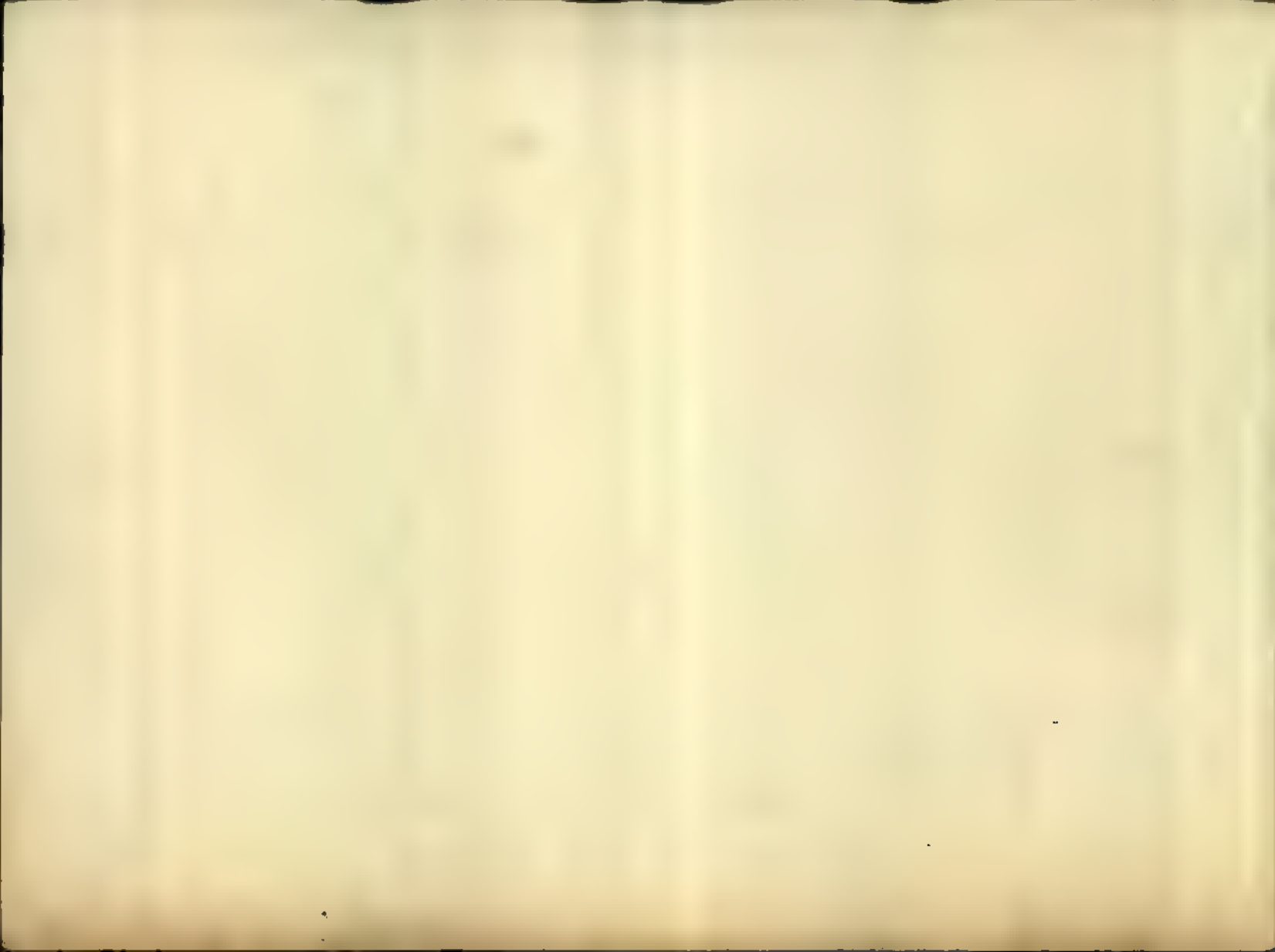
GALVESTON: PROPELLER: SCHAFTING. 212---14

Number.	Date.	From or To—	Subject.	
97318	5/14	To Norf.	Shafting coupling bolts, pitch circle; asks relative to diameter.D 5E 6-2	
✓ 106088	9-28 ~~9-28~~	Pug.Sd 1470	Reports issue of port and stud blades for propellers. Y	
14E387	2-27	To Dept.	For cable to Asiatic Flt--Refer steam log reporting shaft tail casing lost; replace immediately if not already done. Y	
151909	3/9	CO	States entry in log re lost tail shaft casing in error; joints are loose, fwd sketch. YEM To Via Asiatic Flt--Reqt loose casings be removed. 4/17	1915
✓ 198155	7-29	CO	Propeller shafts: fwd prints and reports on condition of in connection with correction; also photographs of broken shaft. Y	
✓ 199715	8-8	Olongapo	Propeller shafting: casings: reports on; have replaced tail shaft and fwd photos of broken after removal; prints called for hollow shaft; shaft actually solid. Y To--Appvs action in renewing at board propeller shaft. 10/14	1917
247279	9/4	To Cramps Co	CHATTANOOGA CLEVELAND DENVER DES MOINES GALVESTON & TACOMA. Composite propeller. Reqt ests covering m mat.	697

212 -- 14

GALVESTON; PROPELLERS & SHAFING;

FILE No.	From or To— (Dated)	Subject.
✓ 29116 1/16	Pug.Sd.	St tes forging for atbd propeller shaft on hand is hollow; asks if it shall be used or new solid shaft provided. To -- Solid to be obtained; hollow shaft to be retained as spare 1/17
✓ 30405 1/24	Pug.Sd 307-E.II	Relative to propeller shaft and tail forgings; notes solid propeller shaft forgings will be purchased; will store hollow shaft as spare. To -- 4 forgings have been required for 2/2
✓ 30778 1/27 2/1	Bethlehem Steel Co S&A 114508	Propeller shaft and stern tube shaft forging; reqt. extension of time. S Ret S&A Rec appr 2/4.
✓ Reqn 182 2/23	To So.Beth.	Shafing; Print J7-D-0241 fwd.
✓ 51832 10/19	Pug.Sd 1965	Recommends 3 spare propeller blades be mfgd.Y To -- Mfr 3 spare blades auth.10/26.
54287 11/17	Pug.Sd. 4199	Repairs to strut and stern tube bearings.Y
55555 12/2	Pug.Sd. 1965	Spare blades; recommends manufacture of complete set; submits estimate.Y To -- Appd. 12/9. 1912
✓ 58721 1/15	To Puget Sd.	& CHATTANOOGA: Job Orders 3D179/111 and 3D197/113; request information as to cause of difference in cost of material.Y R 2.17



212- 15

GALVESTON: TIT 7 SYSTEMS

Number.	Date.	From or To—	Subject.
365805	11;3	30	Install connection pipe between #1 and 2 flushing pumps Y
388202	1:22 1:22	CO At. Cruiser	Req. mfg. new section of steam line to ships wheel
582982	8;26	Dapt	Copy of telegram to Norf making vessel available for repairs to discharge pipe from Booster pump-Y

GALVESTON: PIPING SYSTEMS.

1914

Number.	Date.	From or To--	Subject.
122079	12/5	CO	Alterations, install direct exhaust steam piping from gen sets to aux condenser 212-8
174850	11/19 11/30	CO Asiatic Flt	Repair main steam line. Y
217504	1-23	CO	Install cross connection betw on auxy exhaust line and pump exhaust line in each eng room. Y To Asiatic Flt--Apv's install. 3/22 Olongapo-9/5-Fwd's prints. Y
239750	5/25 7/5	CO Alongo	Extend make up feed suction system Y Fwd C&R--7/23 C&R - Authorizes incidental C&R work Y
361256	10/21 10/22	CO Atl Cruiser	Request renew independent bilge section pipe fire and bilge pump - Y
365605	11-8		Fwd NY, Y back Nov. 14

212 -- 15
GALVESTON: PIPING SYSTEMS:

1

FILE No.	From or To— (Dated)	Subject.	
36236 4/8	Pug.Sd 1277	Recommends reconsideration and approval of installation of grease extractor in exhaust piping on discharge side of each main feed pump. = exhaust line from condensers to gen. sets. Fwd Dept via C&R Rec appr. 4/18. RB 4-26 app'd To -- apprd 4/20.	
52671 10/27	Pug Sd 400	Additional repairs to main and aux. steam and exn. line. Fwd Dept. rec appr. 11/17. RB 11-11 To -- Appd. 11/20.	
55619 12/1 12/9	Pug.Sd. 4311 C&R 18085-E.124 VOID.	Re-locate a steam radiator due to installing tank for storage of kerosene. 1912	212--13
56430 12/14	Pug.Sd. 4445	Fire extinguisher piping to boiler furnaces; submits estimate for repairs to. Understands Bureau's policy is to discontinue installation of fire extinguisher piping. V&D Fwd Dept Rec. removal. 12/20. RB 12-22 app'd To -- Appd. 12/22.	
61281 2-10	Pug.Sd 741	Make connections to supply live steam for disinfecting fresh water system. Y C&R reqst rec. 3/26 Ret -- Noted. 3-29 1913	
103761 8-15 8-16	Pug.Sd T C&R 27644-E.14	Incidental work in connection with bath rooms. Y Ret C&R. 8/23	
104123 7-29 8-15 8-21	Pug.Sd Pug.Sd C&R	Piping work in connection with bath rooms. Y Ret C&R. 8/23	



GALVESTON: MACHINE TOOLS:

Number.	Date.	From or To--	Subject.
61286	2-9	Pug.Sd 758	Wrenches; recommends that they be installed in suitable racks in tool room in lieu of being secured on blhds near engine. Y
61290	2-9	Pug.Sd 795	Machine shop motor; repairs to. Y-L
102465	7-22	CO	1912 Machine shop motor; make new pinion. Y Fwd Pug.Sd.instructions.7/29.
279114	1-28	CO	Install new fourteen inch engine lathe. Y. To Chas. - Quotes repn of March 1st to Sec. 3-2 NY - 3-8
293071			S&A - lathe for GALVESTON has not yet been recd - will be shipped by express - 4/5 - Y
1944 N	4/20	To So Norf	Asks info by wire wherther one 14" Lathe for Galvaston recd R-3 629

GALVESTON: MACHINE TOOLS. 212 - 18

Number.	Date.	From or To—	Subject.
372352	11/26 11/29 11:29	CO NY NY	Request old 24 inch lathe be renewed at once-Y To CO(T), can ship above from Phila. 12-5 CO - 3/9.
373372	12/17 12:23	S&A	Re: old 24 inch lathe. Reqs take necessary steps to secure lathe promptly. 12-20 copy to Phila & Brook. To CO - Inform if material has been recd. 2-27

212-19

Number.	Date.	From or To—	Subject.
✓ 540056	8/31	Boston	Request print showing steam cylinder for main & aux feed pump D To Comdt Boston— Fwds prints 9/6 Ds
540312	8/30	Special Serv. Sqd. (T)	Request shipt of main feed pump for instn on by shipt force. Y

[illegible]

GALVESTON; ALLOWANCES:

1919

Number.	Date.	From or To	Subject.
454650	10-30	Fwd S&A	Additional money allotment auth. Y
462911	12-13	To CO	Fwds appvd allow lists. Y
463641	12-16	European Forces (copy)	Request certain material urgently needed; Y
517832	9:8	CO	Request increase in quarterly allotment. Y Fwd C-9-21
573696	7:30	CO	Annual inventory completed. Y
		1922	
619320	4/13	CO	Request auth to turn in fire control telephones in excess of allowance. 4 L To CO Grants authority cc Boston 4/30
631202	6/30	CO	Annual inventory Y

GALVESTON ALLOWANCES

1922

Number.	Date.	From or To—	Subject.	
630901	7/7	To USS GALVESTON	Change in allowance coy Eng Elec Allowance rel to Motion picture machine on .	LY
630903	7/7	To USS GALVESTON	Revision of Eng Elec Allowance on	LY
630902	7/8	To CO	Gives change in allowance co E ^u SO yard- To SO Vessel LY To CO- Requests inform rel omission 11/16 CO GALV. TON 11/24 LY To CO- Gives change in allow co SO SO yard- EC SO Mgr Boston yard 12/6	
641062	9/13	To CO	Lubricating oil Expenditures, Eng., Fiscal year 1922 Requests inform la CO GALVESTON- Report on lubricating oil expenditures. 9/29. Y	

GALVESTON: ALLOWANCES.

Number.	Date.	From or To--	Subject.
184825	3/10	CO	Fwds allowance list. R CO--Del. items arrived with modi. 4/22 RB 9/1 CO fwd Mar 14, 5-16
159007	4-15	To CO.	Change in allowance. R 589
186413	4-22	Pug Sd	Lists stores on hand for. R To S&A--Reqt shipment coils for evaporator and propeller blade patterns to Olongapo for 5/3 To--Retain coils and patterns for propeller blades in store. 5/5
209392	10-21	CO	Submits report unusual expenditures; reqt increase in money allotment. R Fwd S&A--12/23
267937	12-19	To CO	Revision of Elec allow. Fwds blank copy L-R. To--When they expect reply to memo. 12/19
276650	12-31	CO	Requests authority to turn in certian boiler parts and crank shaft. Y. Fwd Mar 1-24--RB--2/3

GALVESTON: ALLOWANCES/

212 -- 21

Number.	Date.	From or To—	Subject.
285362	2-19	0 0	Request additional money allotment. R To S&A. Request additional money allotment of \$20. 8-2
294276	3/28	CO	Elec allowance - revised copy - fwds - RA To- Returns appvd as corrected in red. 4-6
31715	5-0	CO Co.	Request addition of allotment of \$200. 7-2 To S&A. Request additional money allotment Fwd S&A 6-12
35536	7-1	CO	Request addition of allotment of \$200. 7-2 To S&A. Request additional money allotment Fwd S&A 7-2
378551	12:16	CO	Req. quarterly allowance be increased \$150.00 list matl nec. RA Fwd S&A- 12-23
418279	5-17	To CO	Fwds blank allow for revision. Ya
4436233	8:8	European Forces	copy 4573. Request additions to quarterly allotment Fwd S&A. 8-9

GALVESTON: ALLOWANCES.

1913

Number.	Date.	From or To—	Subject.	
91165	2/19	CO	Allowance list; requests addition of air hose. To Pug. Sd via S&A add 2/27	
94916	3-27	CO	Reqt. changes in spares for aux. engines, ice machines, pumps, etc. R	
95024	4-4	CO	Reqt. change in nuts on allowance. R To-P.Sd- add 4/18	
93915	4/23	To Puget Sound	Additions	147-21
✓ 96610	5/1	CO	Requests that expenditures for repacking main condensers be not charged against quarterly allotment. R Fwd Dept. recom 5/8 RB 5-16	
97975	5-19	Pug. Sd 10318	Reqt. plans for manufacturing spare parts. D To---fwds prints. 5/28.	
102552	7-23	CO	Reqt. addition of hand drills, portables for fire rooms and flash lights. R To Pac. Res. Flt. additions. 8/2	
102551	7/30	To CO via Pug. Sd and Pac. Res. Fleet	Add steam cutter engine, type G-2. (No. 695 assigned) to allowance.	212-11
102551	7-23	CO	Reqt. spare engine be assigned	212-11

GALVESTON: ALLOWA CES: 212-21

Number.	Date.	From or To—	Subject.
103818	8-7	CO	Reqt. addition of shaper tools, cooling coil for ice machine and clock. R To Pug.Sd. additions. 8/19
104222	8-14 8-21	CO S&A	Reqt. increase in money allotment. R Fwd Dept. via Ord. Nav. Bu. concurs 9/6 RB 9-18 Ret S&A VIA Ord & C&R 9-17
✓ 104791	8-21	CO	Spare parts for sailing launch feed pump: reqt. excess be allowed. R
✓ 105618	9-9	CO	Reqt. additional clock, file case, layden jars, etc Fwd Nav. via C&R- 9/19 To-C.O. via Pug.Sd- 9/20
✓ 108437	10-3 10-17	CO Dept	Reports shortages in. R Fwd Ord. 10/24
154977	3-25 4-6	CO Asiatic Fit	Beam scale: reqt be added to allowance; fwhs repair papers showing present scale too light. R To CO-- Add to. 5/15 RB 7/26
181869	3-16	S&A	Reports overexpenditure money allotment. R Fwd S&A--Reqt copy of reqn coverin. 3/18 RB 3/22 To Asiatic Fit--Comments on. 3/24 RB 6/26
184219	3-9	CO	Request authority to turn in engineer lamps, drills, et c. To Via Pug Sd-- Appvs. 4/10

CALCULATOR: ALLOWANCES.

Number.	Date.	From or To—	Subject.	
41633	6/21	To Inset, S&A, C.O.	Motor generator and spares added.R	
52664	10/30	Pug.Sd 4017	S&A and Equip. list: finds copy and reqt. Telegraphic-As. Royal. R (T) to---Appd. 11/4.	
56016	12/7	Pug.Sd. 4375	Requests item covering handhole plates for boilers be changed. R To via S&A-Directs amendment. 12/15.	
58796	1/6	Pug.Sd 2229	Status books called for are not on hand. R To---Should be purchased. 2/2.	
58852	1/11	Pug.Sd 122	CHATTANOOGA: recommends addition 1 fire control telephones. R To---via S&A. Change directed. 1/29.	
59421	1/19	Pug.Sd 303	Recommends addition of salvo contact makers. R	
59420	1/18	Pug.Sd 294	CHATTANOOGA: Recommends safety lamps be eliminated from S&A. Omitted; salvo contact makers added. 1/30.	
59773	1/22	Pug.Sd 335	Recommends changes in telephone spare parts. L To---changes: instructions. 2/2. To S&A. Additions made. 2/2	
59847	1/23	Pug.Sd.	Reest decision as to what pages are to be placed on allowance.	555

GALVESTON: ALLOWANCES: 212-21

Number.	Date.	From or To—	Subject.
61677 ²	2-15	Pug.Sd 987	Reqt. tally board be eliminated. R To---via S&A. Directs omit. 2/21.
61725	2-16	Pug.Sd	Reqt. additional pressure gages. R To---via S&A. Addition directed. 2/23.
61286	2/24	To Pug.Sd via S&A.	Wrenches added. R
62523	2-26	Pug.Sd 1230	Recommends changes in gaskets. R Ret---via S&A. appd. 3/4.
62580	2-19	Pug.Sd	Recommends changes in small tools. K To---via S&A. Certain reamers omitted. 3/5.
J 74121	7/19	Ing.Sd.	& CHATTANOOGA: Allowance books; eliminate disconnectors. R To---via S&A omit 7/27
76020	8/14	Pug.Sd. 4832	& CHATTANOOGA: Allowance; requests boiler ferrules be eliminated. R
76077	8/13	Pug.Sd. 4775	Allowance; recommends wrenches be changed. R To Pug. S. via S&A amend 8/22
			1913

GALVESTON: WHISTLES:

1912

Number.	Date.	From or To—	Subject.
✓ 79389	9-28	Pug Sd	Reqt. authority to purchase automatic whistle control. To---3m will prepare reqn for IC/12. Pug.Sd. asks status of del. 3-14 To---Reqn will be prepared for. 3/24.
1913			
✓ 96082	4-28 4-29	Signal & Control Co. Washn PO	Automatic elec. whistle operator; reqt. dimensions steam pipes. D To Co: gives data. 5/3. Ret Washn PO. 5/3.
✓ 97509	5-15	Signal & Control Co.	Elec. whistle operator: fwds vandykes. L To Pug.Sd. Fwds set of Vandykes. 5/24.
382712	1;2 1;4	CO At Cruiser	Req install new rotering element for steam Siren.
383285	1/9	To NY	Author to furnish GALVESTON with new siren --

212 -- 23

GALVESTON; AIR COMPRESSORS;

FILE No.	From or To— (Dated)	Subject.
28479 12/12 1/6	Pug.Sd. 4477 E.10 C&R 18085 E.107	for gas ejecting systems: fws prints, etc Ref Ord. Arrgt satis to SE 1/14.
		1912
		1913
	1922	
632748 6/30 7/14	C O Ordn .	Report on condition of Westinghouse air compressor. Y



GALVESTON: GAGES.

1914

Number.	Date.	From or To--	Subject.
119890	1-5 ~~2-4~~ 3-13	CO Asiatic Flt C&R	Reqt thermometer be installed outside cold storage room. Y Fwd NY VIA C&R & S&A - shipt requested 4/27 rb 88
172939	12-1	CO	Gages not yet standardized by ships force. Y Fwd Dept-- Noted. 12/4
379332	12-20	Pharm Supply Officer.	Reqt'd appvl of reqn for four gages for lubrication of ship. Appvd. by Bu. R

▼

GALVESTON: RECORD OF WORK.

Number.	Date.	From or To—	Subject.
454650	9/29 10/1	CO Naval Officer, Turkey	Regst increase in money allotment - Y
470535	1:1	Worf	1920 3-12-18 to 3-11-19.Y
479971	3:1	CO	Quarter ending Decmber 31st.Y
500689	6:1	CO	Quarter ending March 31st.Y
533904	1:1	CO	Quarter ending Dec 31st.Y
590947	10/1	CO	Quarter ending 9/30 Y
607611	1/1	CO	1922 Quarter ending 12/31. Y
618864	4/1	CO	Quarter ending 3/31. Y

212-25

1922

Number.	Date.	From or To—	Subject.
631829	7/1	CO	Quarter ending 6/30 Y
631757	7/5	Poston	3-23-22 to 5-25-22. Y
640104	9/30	CO	Quarterly report of work afloat Y

GALVESTON: RECORD OF WORK.

1913

Number.	Date.	From or To	Subact.
✓ 102093	7-17	Pug.Sd	Mar 10 to 7-5. Y
✓ 107916	10/8	Pug.Sd.	Mar. 4 to 19.Y
✓ 112351	12-5	M. Is	No period given.Y
119635	?	Olongapo	Dec 20 to Dec 26.Y
126408	None	do.	Jan.5 to Feb.7 Y
149193	1-26	Olongapo	Nov 5 to Dec. 7
180039	1-1	Cavite	Ending December 31
✓ 244556	--	CO	Quarter ending June 30th Y
250680	8/1	Olongapo	May 21 to July 8.
✓ 277118	--	Olongapo	Oct 17th to Dec 5th - 1917 - Y

G. INVESTOR: RECORD OF WORK 212 - 25

Number.	Date.	From or To—	Subject.
291685	2-21	Olongapo	Oct 17th to Dec 5th. Y
307339	5/18	Norfolk	3/25 to 5/12 - Y
304884	5-1	CO	Quarter ending December 31st.
359694	10:15	Norfolk	Mar. 25 to May 12
363285	1/5/19	CO	Request renewal of damaged siren-Y
387520	—	CO	Quarter ending 12/31 - Y
407224	3,20	Norfolk	5-12-18 to 3-11-19 Y
450241	10-1	CO BRIDGEPORT	Quarter ending 6/30. Y

[illegible]

GALVESTON: SURVEYS

1921

Number.	Date.	From or To—	Subject.
✓ 550567	3/8	Boston 13	Batteries, Transm- reciver/ Y
554711	3/30	Boston 16/21	Batteries Y
5545049	3:30	CO 15:21	Various material Y CO CHESTER cannot account for disappearance of items on survey 3:28-L Fwd Dept 4/5 RB-4:11-Y
558133	4/15	Comdt 17/21	Batteries Y
558949	4/19	Comdt 14/21	Gauge, Manifold, Iron soldering Y
561837	5/3	Comdt 18/21	Forge Y
570829	5/18	Boston m 19/21	Engine Y Fwd Boston 6/28 RB 7/22 To Comdt Boston 7/28 Boston-3;16-Y
575933	7/15	Boston 20/21	Fans, Y
578713	8/2	Boston 1-22	Telephones Y

GALVESTON: SURVEYS:

Number.	Date.	From or To—	Subject.
499464	9:30	CO 10/20	Gauge testing outfit. Y
515472	8/11	CO 1	Trans: itting condensers Y
516473	9/10	CO 2/21	Cruck laths Y
516262	8/22	CO 3/21	Header boiler Y Fwd Dept. of Boston 8-24 RB-3;30-Y Navy 11-15 Y
518291	9/16	CO 4/28	Fan, lanterns, lights, portables, Y
516466	8-24	To Ed 183	Was listed corr also weekly report of work at Boston for week ending 8/21/20 Y
521159	9:22	CO 5:21	L. S. Y
521164	9:22	CO 6:21	Various material. Y Fwd Dept 10-7 RB-10;13-Y
524516	9:29	CO 7/21	Various items Y
536822	12-22	CO 9-21	Tool., hose, etc
537099	12/27	Boat 11-21	CC Engine. To Boston Appd 1-4/21

1

GLACIER: INTERIOR COMMUNICATION.

Number	Date	From or To	Subject
88165	1-10 1-21	Eng. Sd 397 C&R 28185-E.6	Alterations; recommendation against additional voice tubes. L. Fwd Dept. 1/21. Ret C&R. 1/23.
✓ 88566	2-1 1-18	CO M. Is.	Voice tube from chart house to steering compass and standard compass to "lying" bridge. L. Fwd Dept. Rec appr. 1/28.
90622	2-4 2-13	CO M. Is. 1705	Reqd. inter-communicating sets between cabin and fwd bridge and certain offices. L. Ret M. Is. for est and rec. 2/20.
91601	2-14 2-25	CO M. Is. 2127	Install telephone communication between cabin and fwd bridge and Capt. and Executive officers' offices. L. Fwd Dept. rec. be postponed until next fiscal year. 3/6. To M. Is. appd 3/12.
92543	3-4 3-5	CO M. Is. 2823	Furnish material for bell circuit between bridge and after compass. L
✓ 113713	12-20	M. Is.	Engine order tel; change in dials. L
✓ 121725	4-4	CO T	Engine room telegraphs; reqd approval of repairs. Y
163767	8/18	C&R	New 3rd battery; fwd prints also work. L. Fwd C&R V. A. Ord auth 8-20 to M. Is. (1) auth 8-20

GLACIER: INT COM SYS. 216-4

Number.	Date.	From or To—	Subject.	
168065	10-12	C&R	Voice tube changes; recommended by Bd I&S.L Retd-- Rec appld: 10/13	
213135	2/1	Fwd C&R	Fire control install. is under cog C&R.	L RB 2-7
254317	9/10	OO	Reports on status fire control installation L Fwd C&R-10-20 R B 11/17	
416415	12-3	Ord.	Copy of letter to M I auth work in conn with removal of 5" guns.	L
470321	1:13 1:19	C&R Ord	1920 Submits recommendations covering estimates incident to material inspection.L Fwd C&R. 1-24 R B 1/31 To C&R- Gives detail recommendations, copy to CO. 2-6	

GLACIER: LIGHT & POWER SYSTEMS.

Number.	Date.	From or To—	Subject.
47993	7/15 8/26	C.O. M.Is 8280	Change wiring of searchlights and binnacles on account of change in location.L. Fwd C&R 8 pd. 9/18 BB 10 8 auth. 10/E.
✓ 48859	8/26 9/9	M.Is 8280 C&R 6775-E.343	Installation of flying bridge, change loca- tion searchlight, and wiring for same.L Fwd Dept. recom. 9/21 BB 9-29-1pd Fwd C&R-10/3. To---, d. 10/3.
			1912
✓ 65746	5-1 4-2	CO M.Is 3256	Repair rheostat.L
			1913
87288	12/23 12/31	CO M.Is. 12110	Repairs to night signal set.L To M.Is. appd. 1/14.
89291	1-9 1-27	CO M.Is 567	Renew rheostat leads of dynamo switchboard. calibrate voltmeters on same.L Fwd Dept. rec. disappr. items 2 and 2.2/4 BB 2-7 To M.Is. disappd. 2/8.
✓ 92277	3-1 3-5	CO M.Is 2722	Re-silver searchlight mirror.L
100793	6/5	CO	Alterations: request installation of addi- tional lights.L Fwd M.Is instructions 7/12. BB 10 3 Fwd Dept. recommends 10/3 BB 10 7 To M.Is. action appd. 10/7

1914

GLACIER: LIGHT & POWER. 216-5

Number.	Date.	From or To—	Subject.
119501	2-19	CO	Drawing of dynamo piston rings: reqt be changed from spring steel to cast iron. L To --- app'd 3/12.
213124	1-11	CO	Estimate for system install man overboard and breakdown lights. L To H. is. --- Est app'd. 2/6
225747	4/28	CC	Report rec'd lpt of signal search lights L
392727 ²	2:5 2:6	3rd dist. NY	Relocation of generators can be done without delaying vessel. L To NY- Proposed relocation of generators disapp'd. 2-21 copy to CO and material 3rd dist.
537958	12:29	Pac Train	Submit list of radio equipment transferred to shadow while that vessel will be flagship of train. V
543959	1:17	X	Request two 10 kw generating sets be removed and two 20 kw sets installed. L To CO Disapp'd cc C-I- C Pac Fleet 2/5/21
555075	3:15 3:26	CO Pac Flt	Req't run cable line to foremast. L To CO Disapp'd cc C-I-c Pac Fleet 4/6

216-6

Number.	Date.	From or To—	Subject.	
422885	5/30	U S Fleet	Instruct re issue of radio app on Brd SUPPLY-NEVADA and GLACIER.	876
464911	12:8	CO	Request radio set installed on be replaced by 5 kw set.W Two Operations. 12-30 RE-1:15 To M Is via C&R. 1-22 copy to CO & PAC FLT. and PAC TRAIN/ M Is-T-submits estimate covering installation of 5 kw ark-1:31 To M.I. (T) 2/2 C&R- copy of action to M Is-3:18 C&R request comments on radio arrangement-4:9-W To Kure Island- Gives detail ~~for~~ comment. copy to CO and C&R. 4-16 Two C&R. 4-16 C&R - copy of action to M Is - 4/19 - W To MI Regt. Inform re report 5/24	
511859	8:16	CO	Request copies of monthly radio reports.W To San Pedro. Inds reports 8/19	
537855	1/6/23	To Pac Fleet	transfer of radio recr app action approved. Pac Trp-recommends all radio apparatus in question be retained on board FREDERICK-4/11-W To Pac Fleet Appvd 4/27	
558518	4:11	CO	Request instal guard for wireless antenna xxatx rat tail.W To MI Gives Inform cc C 4/28	

GLACIER: WIRELESS.

Number.	Date.	From or To—	Subject.	
76021	8/5	CO	2-kw motor generator for radio to replace interrupter; requests. W To---None available; will be supplied at first opportunity. 8/20.	
			1913	
87396	12-31	CO	Reqt. installation modern set. W To---No funds available. CALIFORNIA'S old set will be transferred. 1/14.	
✓ 87686	12-31	CO	Description. W.	
112272	12/9	To M. Is and SEA	Req'd set removed from CALIFORNIA to be held for installation on GLACIER; request estimate for installation.	147-6
			1914	
✓ 117036	1/29	Mare Is.	Estimate for installation of radio set Est. CALIFORNIA. 3 To---appd. 2/7 Fwd C&R. 2/7 2 11	
			1915	
150455	3-18	CO	Condenser jars; reqt. W To Via M. Is.---Authorizes installation of. 3/27	
✓ 157034	5-28	M. Is.	Estimate for installing Leyden jars. W	

GLACIER: RADIO 216-6

1910

Number.	Date.	From or To—	Subject.
170152	10-25	M.Is	Estimate for installing 500 cyl radio set ex CLEVELAND. And Pac Flt Via C&R--Have authorized: 11/10 RB 4/8 To--(1) Installation radio set auth. 11/10
171056	11-12	M.Is T	Installation of K&C radio set will be postponed until next overhaul. W
171361	11-16	To CO Via M.Is.	On installation of 4-K.W. radio set turn in old set at M.Is for further issue. W
176047	1-11	M.Is	1110 Fwd estimate and plans covering installation K&C 5 kw set. W Fwd C&R--Have appvd est for. 1/18 RB 1/25 To-- Advise est. 1/18
182435	3-17	E.Is	Submits estimate for installing 2 kw set; ex-SATURN W To M.Is--Retain a apparatus. 8/3
182810	3/19	Pac Flt	To--(2) Approve estimate. 4/5 To-- Approve installation. 4/6 Recommends new set proposed for GLACIER be assigned DENVER 184-6
183190	3-17	CO	States inadvisable to install 5 kw set unless larger generator is installed. W Fwd Lett Via C&R--Recommendations. 4/7 RB 4/15
199039	9-23	To CO.	Asks disposition of quenched spark gap W CO 10-8
201672	9-30	M.Is	Description radio set. W

1921

GLACIER: MACHY PLANT.

Number.	Date.	From or To	Subject.
549187	1:26	Pac Trn	Submits report of inspection.Y Fwd Opers via Med & Surg 3-3
556684	4:9	C&R	Copy of telegram to M IS authorizing docking for repairs to shaft and sea suction ballast pump.Y
563369	5:7	M IS	Submits estimate covering repairs to main condenser and refrigerating machines.Y To M.I. 5-14
593879	9:30	CO	Report on anti readiness.Y Fwd Opers via C&R 11/7
599476	12:7	Dept	Instructions to Pac Flt relative to plac- ing vessel out of commission as soon as possible.Y
599472	12:7	Dept	Copy of letter to M IS directing appoint Board of Survey & Estimates on.Y
600172	?	Y Division Memo	GLACIER will be placed out of commission and sold. Y
599261	12/10	To CO	Removal and transfer of Mate T&I gives intrins Y

GLACIER MACHRY PLANT

1922

Number.	Date.	From or To—	Subject.	
607866	12/31 2/3	C U Ordn.	Report on material readiness. Y End Operns- via G&R-2;28-Ys	
612650	2/5	MI Copy	Vessel decommissioned. Y	
613412	3/6	So	Vessel placed out of commission. Y	
617853	3/21 4/5	MI G&R	Subject of material copy and states Fwd's Ordn's 4/15 RR 5/8 Y Dept 4/17 Copy of action to M.I. Y Fwd's Ordn's 5/18	Y
619314	4/16	Dept	Copy of letter to S.M. directing sale of	Y
641675	8/17	S&A	Copy of letter to Barde Steel & Machry Co. expecting offer M.I. for GLACIER and Submarines P-2-3 Y	705

N.S.E. Form 134.

GLACIER: MACHY PLANT.

Number.	Date.	From or To—	Subject.	
431620	7-9	Department	Copy of endorsement to Pacific Fleet stating no action will be taken on urgent repairs.	Y
436762	8:5	Dept	Instructions in connection with holding material inspection.Y To Bd I&S-fwd's corres in connection with matl insp'n. 8/25 Bd I&S-returns correspondence-9/26	
443910	9:5	POTTS San Francisco	States material inspection completed.Y	
446495	9/18	Operations	Available M Is until 11/1 - JASON 12/1-A	
451053	10-9	Bd I&S	Report of matrl inspection held 9-5.	Y
452710	10-14	Mare Isl.	Submits report of estimates for work com by matrl inspection. Fwd Operations. 10-24 RB 11-28 To - Work to be proceeded with as outlined and appvd by Dept. copy to CO. 11-29 C&B-1:27 fwd Opr 1/31	Y

216-8:GLACIER:MAGPY PELINT:

Number.	Date.	From or To—	Subject.
459396	11:22	Pac Flt copy	Request vessel be made available at M IS for docking.A
459771	11:24	Dept	Copy of telegram to Pac Flt making vessel available at M IS for authorized repairs.A Pac Fleet 11-26 (copy) Rgt action on report of material inspection- A Dept - copy of telegram to Pacific Flt directing proceed with repairs - 11/29
465178	12:15	Pac Flt	inspection Submits report of /with recommendations.Y Fwd Operations via C&R-Navy. 1-7
470321	1/13 1/19	C&R Ord	Submits recommendations covering estimates 216-4 incident to material inspection. L.
476523	2:17	M IS	copy Vessel arrived.A
496771	5/21 5/28	JAG C&R	Subm report covering investigation of collision between Glacier and Army motor launch - T. 1 ARBY T. CROSBY. Fwd Operations 6-1. Y
517902	9:17	Pac Fleet	Necessary repairs will take until Nov. L.A
533179	1:3	Pac Train	Comdr Train transferred flag from 11/29 1949

GLACIER: MACHY PLANT.

Number.	Date.	From or To--	Subject.
291428	3/21	Dept	Will be available for repairs at Norfolk about end of March - Y Outstanding of building & repairs in only 3-21
301677	4/20	CO.	Repairs to piping evaporators, refrigerators, machines, engines, etc. Y.
301498	4/23	CO	List of repairs to be made by ship's force - Y
301578	4/26	Dept	Copy of circular detaching GLACIER from Pacific Fleet and assigning to Naval overseas transportation service - A to in O. & I. for S. to be the temporary repair yard of this vessel. 4-20
303447	5/3	Dept	Norfolk temporary repair yard. Y
7 309711	5/20	C&R	Authorizes repair under its cognizance - D Fwd C&R, 5-24 Fwd M. Y. C-4 Fwd NY 6-22 RE 3-29 RE 3/21 RE 7-10

1919

GLACIER: HAWK BLUNT

Number.	Date.	From or To—	Subject.
384045	1:1 1:33	CO C&R	Submits report of matl. in readiness of ship for war Y To-Inform in detail length, condition and efficiency of voice tubes. Fwd Operations via Ordinance. 1-18 RB 2:6;19 To- Repts that wiring for the call bells be removed from inside the voice tubes. 2-15 copy to I.M. NY
410270	4/8	Dept	Ship detached from NOTS and assigned to U S fleet train - A
410489	4:11	Dept	Available at NY at once nec. alterations incidental to fitting out Fit. Supply Ship A
410513	4:10	3rd dist.	Confirms telephone conv. in connection with fitting vessel out as supply ship Y
430761	5-26 7-5	Dept C & R	Submits report of inspection. Y Fwd Operations via LBS-S&A-Ordinance. 7-9

GLASTIER: KACHY PLANT.

1916

Number.	Date.	From or To--	Subject.
154034	2-26 4-22	CO M.Is 22797	Repairs to pumps, main boilers, pipe lagging. donkey boiler evaporator.Y To M.Is--Gives action on: 5/7
155346	5/17	Dept	May 22nd; date of completion.Y
157662	6-12	Dept	Ordered to M.Is Aug 1 for overhaul.Y
160389	7-13	Bd I&S	Rept repair papers.Y To--I&S 7/13 Bd I&S returns papers 9/30
162453	8/3	Dept	Date of completion fixed Sept. 7th.Y
✓ 162544	8/2 8/3	CO T Dept	Insulation of refrigerating room very poor; retube main condenser, etc.Y Fwd Dept--Noted. 8/6
163564	8-10	CO	List of work to be done by ships force.Y
✓ 165063	8-2	Bd I&S	Report of material inspection.Y
✓ 166291-	9/18 9/18	MI (T) Dept	Reports on work performed; also YORKTOWN.Y Fwd Dept via Ord--Noted. 9/21
✓ 166813	9/13	M.Is	Report of Bd. Survey & Estimate.Y Fwd Dept--Recommendations./ 10/1 RB 10/8 To--Gives action on: 10/8
170579	11/6	Dept	Repair limit Nov. 15.Y

GLACIER: MACHY PLANT. 21C-8

Number.	Date.	From or To—	Subject.
171001	11-6	CO	List of work to be done by ships force.Y
182557	3-13	CO	Report of new Commanding Officer.Y Fwd Dept Via C&R-Ord-C&A-M&S-Nav--Noted.3/24
186287	4-23	CO	List of work to be done by ships force.Y
186335	4-28	Dept	Repair limit May 10.Y
186355	4-24	Dept	Urgent repairs authorized M.Is.Y Fwd Dept--Noted: 5/1
186857	5-4	Dept	Repair limit June 1
201267	10-4	Dept	Directs material inspection. M.IS. To Bd of I&S--No corres in file re repairs requiring action. 10/7
201735	10-10	Dept	Available for docking M.Is
✓ 207032	11-29	Bd I&S	Material inspection.Y
✓ 212220	1-22	Dept	Repair limit Feb 15.Y
214369	1-8	M.Is	Report of board survey and estimates.Y Fwd Dept--2/15 RB 2-17

GLACIER: MACHTY PLANT.

1913

Number.	Date.	From or To--	Subject.
✓ 86622	12-12 12-24	CO M. Is 11911	Repair ice machines, feed pumps, rebabbitt crank brasses. Y To M. Is. appd. 1/6.
✓ 88824	11-29 1-21	CO M. Is 902	Install new flushing pump, repair slippers main engine, boiler gages, safety valves, indicator cocks, piston rings, discharge pipe, etc. Y
✓ 88825	12-23 1-22	CO M. Is 903	Repair boiler stop valve, oil gages, relag steam and exhaust piping. Y
✓ 88826	1-9 1-22	M. Is CO M. Is 72	Repair sea valve and overhaul stern tube packing. Y
✓ 88931	8-2 1-21	CO M. Is 926	Repairs to ice ice machine, pumps, main engines, piping and pressure gages. Y
✓ 89166	2-1 1-22	CO M. Is 993	Repairs to piping, auxiliary condenser, evaporators, boilers, etc. Y. To M. Is. appd. 2/3.
89456	1-29	M. Is 1217	Incidental piping and elec. work in connection with hull repairs. Y To --- appd. 2/6.
✓ 91635	3/3	Dept.	Will provision shops in Central American and Mexican waters. 774

GLACIER: MACHY PLANT. 216-8

Number.	Date.	From or To--	Subject.	
92284	7-27 2-21 3-12	CO E. Is C&R	2318 Fwds prints showing incidental changes to steam heating and elec. installation due to C&R alterations. D Fwd Dept. 3/21. RE 3-24 Ret C&R. 3/24	
102498	7-8	CO	Report of new CO. Y Fwd C&R. via Ord. 7/30.	
104007	8-19	Dept	Available for repairs M. Is. Aug. 22. Y	
104567	8-28	Dept	8473-237 Available for repairs M. Is. until Oct. 15; Y	
104568	8-21	CO	Report of new CO. Y Fwd Dept. via S&A & C&R 9/2	
105533	9-12	C&R	6775-E. 386 Time required to repair defective insulation No. 2 hold. by Fwd Dept VIA S&A 9-17 RE Fwd Dept. 9/29	
124261	5-5 5-5	M. Is Dept	1914 Probable date of completion May 9. Y Fwd Dept. 5/7.	
136491	10-9	Dept	Available for repairs. Y	
137130	10/16	Dept	Repair limit Nov. 28th	774
139874	11-17	Dept	Repair limit extended Dec 12. Y	

HULLER: MACHINERY PLANT: GENERAL.

Number.	Date.	From or To—	Subject.
45144	7/18	Dept 4874-202	Report of inspection held May 2.Y Fed S.A. Note 8/5.
✓ 45630	7/31	C.O.	Repairs to deck winch, engine, ice machine, flushing pump, feed tank, feed line, dampers, main boilers.Y
✓ 46180	8/5	C.O.	Blow out connection, circulating pump and flushing pump, install grease extractor in main and aux. feed lines; fit dampers up uptakes main boilers.D
J 46181	7/27 8/10	C.O. Dept 8474-203	New C.O. reports satisfactory condition except repairs and alterations reqt. in other lists.Y Fed Lav. 8/15.
✓ 46884	7/13 8/8	C.O. M.Ia	Repairs to angle valve main feed line, log room clock, towing engine, whistle piping, ice machine valves, etc. Y Authorized - errors in amts. reported
✓ 46981	8/5 8/14	C.O. M.Ia 7704	Alterations: blow-out connection for ice machine circulating pump and flushing pump, install grease extractor main and aux. feed lines, fit damper on uptake main boilers.Y&D Photo-cells, Alterations authorized. 8/23.
46982	7/31 8/14	C.O. M.Ia.	Renew angle supports for feed tank, and duplicates reqt. for alterations of Aug. 5.Y&D
✓ 47280	8/8 8/18	C.O. M.Ia	Reqd. repairs to deck winches, supports for feed tanks, etc.Y
✓ 47778	8/21	M.Ia 7993	Submits estimates for work in connection with genl. survey; reports certain items eliminated. Y To be approved in part 9/7 HLRRL

GLACIER: MACHINERY PLANT: 216 -- 8

Number.	Date.	From or To—	1912	Subject.
60051	1/5	C.O.		Reports on condition on taking command. Y Fwd Nav. via Ord and S&A. Noted. 2/1.
61088	1-24	C.O.		Rect. alterations in feed water heater in order that aux. exhaust and exhaust from main engine may be used to heat feed water. D Fwd Dept. Rec disappd. 2/13. R.B. 2-15 Disappd To—disappd. 2/15.
64635	3-25	Dept		Repair at M.Is. to be completed Apr. 6th. Y
V 65657	3-23	Dept	8474-209	Inspection held 1-13; Fwds. Y Ret---4/9.
✓ 66212	3-28 4-3	CO M.Is	3338	Estimate for repairing steam gages, ice machine, propellers, piping, int.com. circuits. Y
81929	11-6	Dept	8474-215	Available for repairs M.Is. 65 days.
84567	10-2 12-2	CO M.Is	11093	List of repairs cancelled by Comdt. Y
✓ 84909	8-2 12-2	CO M.Is	11163	Alterations; install valve in circulating pump suction, and new suction pipe from aux. feed pumps to reserve feed tank. D. To M.Is. appd. 12/13. Fwd C&R. 12/13. R.B. 12-18
			1913	

FILE No.	From or To— (Dated)	Subject
✓ 32092 2/8	M.Is	Report of survey; no estimates. Y
32756 2/18	M.Is	Fwds copy of Survey under C&R. Y Fwd Dept. Rec. appr 3/11. R.B. Appd. 3/17. To -- Appd 3/18.
✓ 33062 3/4	Dept	Fwds reports of Gen. Survey; will be available for repairs about middle of April. Y Fwd C&R 3/10.
✓ 33647 3/11	C&R 7975-E.35	Survey; fws report under C&R; recommends certain items. Y Fwd Dept. Rec appr 3/14.
✓ 34177 3/4 3/14	C.C. M.Is 2491	Ext. repairs to main engines, bearings, Ploct plates, in fire room. Y
41672 6/8 6/20	Dept 8474-204 C&R	Report of inspection held May 2. Y Fwd J&A. Repairs have been auth. 6/24.
✓ 43404 7/12	Dept	Will arrive M.Is. about 12th; available for repairs until Sept. 15th; directs work on all authorized repairs be carried to completion. Y (5) to M.Is. Directs proceed with auth. repairs. 7/13. to M.Is. confirms tel. 7/13.
44216 7/15	U.O.	Ext. repairs to angle valves, clock, steam pipe to whistle, etc. Y
✓ 44858 7/29	Dept	Repairs to be completed Sept. 30. Y



FILE No.	From or To-- (Dated)	Subject	
34177 3/4	G.O.	Reqt repairs to main engines: etc:	216--8
		1912	
		1913	
89180 1-25	M. Is 1086	Repairs to piston rods. Y	
295881 4-9	To Boston	Alteration under cognizance S.E. Authorized. Y	7
	1920		
514062 8/11	GO	Request oil pans for eccentric straps. D. Fwd Opns 9-1 RB 9-8-D To CO also pvd CC Pac Fleet C-I C Pac Fleet 9-9	
	1921		
549430 2:17	GO	Request instal sheet metal containers to hold water oil mixture. D Fwd Opns 3/6/21 RB 3/11/21 To CO Disappvs alterations 3, k2	



GLACIER: BOILERS.

Number.	Date.	From or To	Subject.
185432	4-9	CO	Reports leaks in centre furnace boiler No 3. Y
185977	4-26 4-27	JAG Dept	Report of investigation No 3 boiler. Y Fwd Dept--Appvs findings. 4/29
188474	5-15	CO	Boiler No. 3: fwsd sketch showing damaged to furnaces. Y
301232	3/29 4/1	CO Pacific Flt	Lists urgent boiler repairs requested - Y
308858	5-22	To C O	Condition of boilers, and asking for a complete report on same. Y cc 7-30
185036	4-9 11:16	To FC Pug SD	Report on boiler tubes from Dept No. 1. Asking that boiler tubes be No. 3. The boiler tubes held in reserve, 10-2
Charleston boiler received.	11:16 11:19	tubes have not been Charleston	To Charles, Regts inform re above, 11-12 No. 3. Requests on re above, 11-12
355052	9:16	CO	Reports on cracks in boilers 1-3 fwsd: photographs. Y

GLACIER BOILERS 216-10

Number.	Date.	From or To—	Subject
765273	10:3 11:1	3rd dist. NY	Submits report of inspection of boilers Y
387860	1-24	Phone Material Officer NOTS 3rd District.	Boiler Furnaces removal of. Copy to NY and CO. Phone Ind Mgr. NY- Directed yd to procure material found necessary in advance of Bureau's appt. 1-25 Copy to CO and Material Off. 3rd Dist. Phone NY-Bu reated report. 1-27 Copy to CO. 1-27 Phone NY- 1-27
389385	1:24 1:27	3rd dist. NY	Submits report of survey furnaces and boilers Y
411349	4:9	3rd dist.	Fwd. report on inspection of boilers Y
			To CO Appvd cc Pacific Fleet 60 7/2

Number.	Date.	From or To--	Subject.	
45030	7/31	C.O.	Repairs to main boilers, dampers, feed tank, feed line, flushing pump, etc	216--8
46180	8/5	C.O.	Blow out connection, circulating pump & flushing pump, install grease extractor in main & aux. feed lines, fit dampers & u. takes in main boilers.	216--8
			1912	
61088	1/24	C.O.	GLACIER: rect alterations in feed water heater in order that aux. and exhaust from main engine may be used to heat feed water	216--8
66863	1-24 4-12	CO M. Is	Alterations; make and install feed water heater in ice machine exhaust line. D End. Del. rec. disapp. 4/23. RB 4-20 disappd To M. Is. disappd. 4/26.	
			1912	
89166	2/1	C.O.	Repairs to evaporators, boilers, etc	216--8
89367	1-28	M. Is	Repair crack in combustion chamber head. Y	
89826	2-4	CO	Water testing outfit; rect. M To M. Is. be furnished as soon as completed. 2/11.	
91621	1-30 2-17	CO M. Is	Shift conkey boiler: Hull repairs. Y End. C&S. 3/5 C&S auth. 3-7 To M. Is. S. E. work authorized. 3/10.	

GLACIER: BOILERS: 216-10

Number.	Date.	From or To	Subject.
✓ 99436	5-19 6-13	CO Capt	Reqt. authority to convert donkey boiler No.4 into evaporator by ships force. Y To CO. Asks as to necessity for. 6/14.
✓ 102381	7-5	CO	Reqt. authority to convert donkey boiler No.4 into evaporator. D
103345	6-21	CO	Straighten bulges boilers, 122.3 and install additional stay bolts. Y Fwd M. Is. instructions. 8/14
✓ 106665	9-23	M. Is	Boilers; reqt. print. D TO -- fwas 10-2
✓ 109701	10-30	M. Is 11313	Reports inspection of boilers; fwsd print showing bulges in combustion chamber. Y
		1914	
115411	12-28 1-10	CO M. Is 257	Retube feed heater waters. Y (T) to M. Is. appd. 1/20.
125032	5/14	TO GLACIER	Omissions in log; submit report concerning failure to carry out instructions re alkal- inity of boiler water 680
133761	9-22	CO	Install 2 3,000 gal. evaporators in lieu of No. 4 donkey boiler. Y Fwd M. Is 9-9-0114 Fwd Dept Via C&R -- Rec appvl 1/18 To M. Is -- appvs. 1/27

GLACIER; AUXILIARY MACHY.

Number.	Date.	From or To—	Subject.	
210737	1-4	Dept Commerce	Accident to GLACIER motor boat: fws copy of investigation exonerating Merchant Steamer Apache.	611-2
467429	1/6	C&R	36' motor sailing launch 1293 turned into store at Mare Is from GLACIER: Y.	611-2
467941	1/8	C&R	Copy of telegram to Mare Is authorizing issue of boats to GLACIER: Y.	611-2
490363	4/28	Mare Is (T)	Request auth to issue repaired boiler for 38' steamer to GLACIER: Y	611-1
496319	5/28	To GLACIER	Report in re to discrepancies in numbers Y copy C&R	611-2
504934	7/2	GLACIER	Fws change in power boat machinery; Y	611-1
526637	10/25	GLACIER	Request auth to install engine in motor boats type L engine in slips steamer; Y	611-1
530762	11/17	Mare Is	In conn with replacement of engines in mal and steamer recd from Glacier. Y	611-2

GLACIER: AUCILIARY MACHY

192K

Number.	Date.	From or To--	Subject.	
561426	5/2	C&R	Copy of letter to HI approving assign- ment of 30' steamer 6792 to GLACIER.	611-1 Y

1913

2 ✓

GLACIER Auxiliary Machy

Number.	Date.	From or To	Subject.	
89049	1/31	C&R	30-ft steamer 500 will be turned in at Mars Island from the Glacier, not to be replaced	611--1
93773	3:29	C&R	Believes steamer 1st by GLACIER in 1907 was #500	611--1
99786	6/1	Glacier	Reports removal of engine 490, steamer 446 and installation 462	611--1
103335	7/23	Glacier	Reports installation of spare engine 89C in lieu of 462	611--1
			1915	
146566	1/23	GLACIER	Reports assignment of steamer 655 in lieu of 446 condemned	611-1
147226	2/8	M Is	Reports installing engine 559, Ward boiler 1655, steamer 655	611-1
151445	3/26	GLACIER	Reports receiving steamers 665, eng 559, boiler 1655 in lieu of steamer 446	611-1
160886	7-15	CO	eng 462 installed in lieu 559	711-1
175160	12/20	CO	Reports removal of engine 462, steamer 655, and installation of 559	611-1

GLACIER: AUXILIARY MACHINERY. 216 -- 11 1916

Number.	Date.	From or To—	Subject.	
178715	2/11	M Is R	2027, launch 1293 surveyed; reqt auth to install 2516 now assigned boat 2266	611-2
180232	2/28	To CO	Steamer 655; asks number of boiler installed in	611-1
180327	2/19	M Is	Engine 2027, launch 1293, received from GLACIER for survey, type G-2 engines 343 and 856 have been dismantled	611-2
181420	3/26	CO	Recommends installing CC engine 2516 in lieu of 2027 in sailing launch	611-2
188751	5/23	C&R	Assigns steamer 1936 to GLACIER in lieu of 655	611-1
189341	5-29pp	O&R	Motor launch 2265 assigned	611-2
189485	5-4 5-11	CO M.Is	Boat stowage to accommodate sailing launch. Y Fwd C&R 6-1	
189433	5-24	M.Is	Reports receipt of machy from	611-1
190780	6-6	CO	Reports changes in boat machy. ?Y	
195060	7/21	M Is	G-2 engine 462, exsteamer 465, condemned for sale	611-1
210219	12-28	JAG	Investigation collision between motor sailing launch N-1203 and engine 2516, belonging to GLACIER and Southern Pacific Steamer Apache.	611-2

GLACIER: auxiliary machy.

1

FILE No.	From or To (Dated)	Subject.	
34360 3/22	C&R	BOATS: reports assignment of cutter 446 to in lieu of 808	611--1
43387 7/12	To C.O.	BOATS: reports assignment of g-2 engine 890 as spare for cutter 446.	611--1
46884 7/13	C.O.	REPAIRS to towing engine, etc	216--8
47869 8/35	C.O. M.I.s 8404	Repairs to donkey boilers.Y.	
52796 11/6	Pac.Fleet	BOATS: Reqt. M.I.s. be directed to issue Ward boiler type G-sq with spare tubes for cutter 446.	611--1
54078 11/15	M.I.s.	BOATS: reports Ward boiler 1146 issued to	611--1
76157 10/12	To	1912 Log, correction, engine 890 is installed in steamer 446. and engine 462 is spare.	680
84398 11-12 12-5	CO C&R 6136-E.24	Allowance of boats; proposed.Y Fwd Dept.12/7. B12 C&R. Ret C&R.12/10.	
85703 12/21	C&R VOID.	Motor dory 842, to be shipped from norf. to NY for	611--2
85704 12/21	C&R.	M.I.s authorized to convert sailing launch into motor sailing launch 1293.	611--2



216 -- 12

GLACIER

Condensers

1913

1

Number.	Date.	From or To—	Subject.	
89166	2/1	C.O.	Repairs to aux. condenser	216-8
162544	8/2	CO T	Retube main condenser	216-8
436737	7:24 7:30	CO Navgn	260 cases of condenser tubes for Pacific Fleet shipped on July 24th. Y	

GLACIER: HEAT: VENT: REFRIG.

1913

Number.	Date.	From or To--	Subject.	
✓ 108425	9-27 10-15	CO M. Is 10219	Renew piston rings refrig machine.Y	
✓ 139389	10/22 11/3 11/9	Pac Flt S&A Dept	Reports on deterioration of meats: cold storage plant badly designed: flt should have an additional SUPPLY SHIP.Y Fwd Dept-- noted. 11/14	
162544	8/2	CO T	Insulation of refrig room very poor	216-8
✓ 369676	10:18 11:16	CO C&R	Relative to Ref. space reports on test Y 11-19 B B 1/16 Fwd S&A via C&R. 1-16	
412568	4/19	Department	Cpy. tel to Atl Train station; New York to undertake work on GLACIER, asks if new ice machine should be installed on bridge. A.	774
541367	1:21	Pac Flt 10219	Vessel ordered to remove main injection valve on refig machine.Y Dept-fwd JAGS report relative to cracking of flange of body of valve of main injection to ice machine.3:21.Y Fwd Oprens 3/23	

GLACIER: HEATING: VENTILATION: REFRIGERATION SYSTEM.

FILE No.	From or To— (Dated)	Subject	
32587 2/10 2/18	Reelker, H. B. M. Is 1563	3 ton Allen Dense Air Ice Machine: reqt. payment of balance of 10%: M. Is. states machine has not been installed: held pending action on survey. D and Dept via S&A. Delay not due to contr 2/28. R.B. 3/28. Fwd S&A 3/29.	
45630 7/33	C.O.	Repairs to ice machine, boilers, etc	216--8
		1912	
66312 3/28	C.O.	Estimate for repairing steam gages, ice machine, etc	216--8
		1913	
86622 12/12	C.O.	Repair ice machine, etc	216--8
86822 8-2 1-21	CO M. Is 901	Repairs to ice machine.Y	
88931 8/2 1/21	C.O. M. Is	repairs to ice machine, etc	216--8
89298 1-22 1-25	CO M. Is 1159	Lag ice machine.Y	



216--14

GLAZIER propellers & Shafting

1912

Number.	Date.	From or To—	Subject.
388523	10:14	30	Recommended all stern tubes and strut bearings be reworked. Y
467054	1-6	To CO 1920	Advise if have onboard 4 cast iron propellers carried as spares. Y 2 B 1/27
530546	11:13	M IS	Propeller report. Y
541196	1/21	To CO 1921	Ask to confirm or corr records as listed Y 30-2;3-Y
561337	4:27	M IS	Propeller report. Y To MI Reqst Plan cc CO 5/24

GLACIER: propellers & shafting

1

Number.	Date.	From or To—	Subject.	
66312	3/28	C.O.	Estimate for repairing steam gauges, ice machine, propellers, etc	216 -8
			1913	
212397	1-23	C&R	Propellers; report on condition of. Y	
212396	1/29	To M.Is.	Reqt detailed information in connection with propellers of. D M Is has 4-bladed propellers with blades removeable; gives pitch data, area, etc 2/13	
223286	4-14	W. G. Anderson Vold	New type propeller.	697
222927	4-13	C&R	D-3. GLACIER JACOB JONES & SOUTH DAKOTA quotes from hull inspections re propellers.	697
236023	6/29	To CO	Desireable to carry spare propeller blades on board instead of at yard. Ask number of on board. CO 11-9-2	

1912

1

Number.	Date.	From or To--	Subject.	
84909	8/2	C.O.	Alterations, install valve in circulating pump suction, and new suction pipe from aux. feed pump to Reserve feed tanks.	216--8
			1913	
89501	1-24	M.Is	Incidental piping work Hull repairs. Y Fwd C&R. 3/3.	
89968	2-3	M.Is	1488 Renew suction piping distiller pump. Y	
			1914	
134474	9-2	CO	Install 2-1/2" copper pipe from fire pump to suction piping. Y Fwd M.I. for estimates. 9/15 rb 10 28 Fwd Dept. disappvd 10 27 rb 10 28 To M.I. Disappvd. 10/29	
136738	10-8	CO	Steam pipe to anchor engine: reqt change in lead. Y To M.I. Appvd. 10/13	
			1915	
154526	4-28	CO	Instal steam by-pass line around reducing valve to generators. Y Fwd Dept. Rec disappvl. 5/12 RB 5/14 To Disappvs. 5/14	

GLACIER: PIPING SYSTEM. 216 - 15

1917

Number.	Date.	From or To—	Subject.
263918	10/9	CO	Repair auxiliary to feed line -
263919	10/4	CO	Repairs to auxiliary steam pipe - Y
551074	3:17 3:26	CO Pac fit	1921 Request overhaul and extend suction pipes to bilges. D&Y
555074	4/42	Fwas C&R	Hold drainage-Alteration-Cog of C&R Y

GLACIER: MACHINE SHOP & TOOLS.

Number.	Date.	From or To—	Subject.
47338	8/4 8/24	Pac. Flt. Dept	Fitting, for repair optical instruments. Y The C.M. proposed use of wireless room is not recommended. 8/24 B.G. a.s. Ref. Ord. 9/5 Is authorized 7/2
			1912
			1913
		1919	
432585	7:14	CO	Request vessel be furnished with a new shaper Y To GLACIER info req size 7/18 CO 7:24 To CO req survey 9/4
		1922	
602487	12/22	CO	Ask if any power tools on board GLACIER 1005-771 will be transferred to YOKON Y

1922

NTS -0120

(CV 224)

FILE No.	From or To— (Dated)	Subject.	
35206 3/22	M.Is. 2913	Reqt arrangements be made to ship aux. feed pump from Boston Yd. Y To -- Will be shipped soon as possible 4/4. To Post-Directs mfr. - To SIA reqt shipment to M.Is. 4/3.	
		1912	
86522 12/22	C.O.	Repair ice machine, feed pumps etc	216--B
		1913	
88824 11/29	C.O.	Install new flushing pump, etc	216--B
23368 4/25	Warren S P Co	1915 Twis b/p covering their pump for	629
		1921	
549431 2:17 2:19	CO Pac Flt	Request transfer pump be replaced by a larger pump.D Fwd C perns 3/5/21 RB 3/11/21 To C Disapp'd 3/12	
549429 2:17 2:19	CO Pac Flt	Request instal zinc boxes in suction lines of ballast pumps.D To MI Give instrns 3/7/21 M IS-4:8-D&I To CO Disapp'd cc MI 4/20	



GLACIER. valves.



NB-0120

CLASSIFIED: 1960 JAMES

1916

2

Number.	Date.	From or To—	Subject.
310884	5-27	CO R	Reuest \$1000 additional allowance. R Fwd S&A 5-31
351345	10/14	Mare Island	Copy of letter to third Dist. forwarding allowance list for RA
383928 To CO	1-18 - Fwds apvd allow lists. 6-19	To CO	Fwds one blank type "A" elec list for revision of. Lr To: reqts reply to 1-16th. 5-21 CO fwsd elect allowance book 5;29 CO 5/30
J 402536	3-14	Phone S.O. 3rd Dist	Auth to supply one 2" injector in advance of Bureau's appvl. Ra
423179	5-28 6-3	CO 9th Dist	Rest auth to turn in at Gr Lakes all title X and B stores. - R
~~545121~~	~~7-10~~	~~CC~~	~~Auth to supply one 2" injector in advance of Bureau's appvl. Ra~~

216- 21

GLACIER ALLOWANCE

1921

Number.	Date.	From or To--	Subject.	
596046	11/9	CO	Fwds revised copies of allowance list.	Y
596047	11/9	CO	Fwds revised copies of electrical allowance list. Y	

GLACIER: ALLOWANCES:

Number.	Date.	From or To—	Subject.
✓ 48542	9/6	C.O.	Reqt. increase in quarterly allotment. R Ref. SAA allows increase 9/15 BB 10
✓ 76014	7/11	CO	1912 Money allotment: requests that wire, insulators, etc., for wireless be not charged against current quarter. R Fwd SAA Reg/20 not charged to quarterly allotment. 8/20.
76425	8/15	CO	Requests increase in money allotment for present quarter. R Fwd SAA. auth. 8/26
76			
✓ 89880	2-4	CO	1913 Reqt. addition of gasoline for motor sailing launch. R. Fwd SAA. Cannot be added, as is under SAA appr. 2/12.
✓ 100166	6/24	PITTSBURG. T	Re transfer of titles and not charging against machy allotment, spare parts for ref. machy. R [To San Diego Radio. Not appd. 6/24.]
121842	3-20	CO	
121854	3-21	CO	
	To M. Is. -- See letter of 27.2/18		
	To CO via M. Is. -- Omit from 3/24		
			Reqt. increase titel B stores. R To via M. Is. -- Fwds blanks. 1/27 TO CO - 8-18 M. Is. 2/10 -- reports nonreceipt of letter 1/27. R Fwds proposed. R

GLACIER: ALLOWANCES. 216-21

1915

Number.	Date.	From or To—	Subject.
145236	1-14	CO	Recommends increase. R.
170344	10-28	CO	Fwds list recommended R To--Fwds blanks for. 11/6
185836	4-27	To CO.	Addition of gauge testing outfit. R
248763 248528	9/12	To CO	Fwds allow for revision. R
250614	9/24	To M. Is. CO	Fwds allow. RL
271350	1-7	To CO	S.E. Elec Allow. Increase in number fans allowed. Gives changes. L-R
274519	1-18	To CO	S.E. Allow Lists. Fwds one copy R
301254	4/22	CO	Fwds allowance -- R To-- Fwds appvd lists. 4-30

GLACIER: RECORD OF WORK:

Number.	Date.	From or To—	Subject.
507653	7:1	CO VESTAL	Quarter ending June 30th.Y
513794	7-1	PRAIRIE	Quarter ending 6-30: Y
525497	10:1	CO	Quarter ending Sept 30th.Y
		1921	
542287	1-3	CO VESTAL	Quarter ending 12/31 Y
556975	4:1	CO MEEVILLE	Quarter ending 3:31.Y
559957	4:1	CO	Quarter ending 3:31.Y
575644	7/1	CO VESTAL	Quarter ending 6/30 Y
590656	10/1	CO VESTAL	Quarter ending 9/30 Y
595652	11/14	PRAIRIE	Quarter ending 9/30 Y
		1922	
603893	1/6	MI	11/11/20 to 5/6/21. Y
604755	1:1	CO VESTAL	Quarter ending Dec 31st.Y

216-25

N. S. E. Form 134.

GLACIER RECORD OR WORK

1922

[illegible]

GLACIER: RECORD OF WORK.

1913

Number.	Date.	From or To—	Subject.
✓ 109948	11/4	Mare Is.	Mar. 11 to Oct. 11. Y
✓ 111445	11-23	M. Is	Mar 11 to Oct 11. Y
✓ 112350	12-5	M. Is	Mar 11 to Oct 11. Y
118847	2-24	M. Is	Oct 11 Jan 20. Y
120641	3-13	M. Is	Oct 11 to Jan 20. Y
✓ 126798	6/5	Mare Is.	Jan. 20 to May 9. Y
127479	6/8	Mare Is.	Jan. 20 to May 9. Y
1310918	5/20	Empire Irons	1/27 to 6/2 - Y
344858	8-31	NY	July 27 to 8-12 - Y
351861	9-15	I Is	Quarter ending Dec 31st - Y

216- 25 GLACIER: RECORD OF WORK

Number.	Date.	From or To—	Subject.
379264	12:1	Ampier Brook	10-21 to 11-4
412756	4-15	N Y	1/18 to 4/12 -
415153	4:28	Morris DD Co	1-8-19 to 4-24-19 Y
✓ 446770	7:1	USS VESTA ^L	Month ending June 30 th Y
450181	10-1	CO PROMETHEUS	quarter ending 6/30. Y
469753	1:1	CO VESTAL	Quarter ending December 31st. Y
483447	3:1	M IS	2/6 to 3/5. Y
489035	4/1	VESTAL	Quarter ending 3/31 - Y
492700	5:1	CO PRAIRIE	quarter ending March 31st Y

Number.	Date.	From or To—	Subject.
556715	4/4	MI 14/21	Brasses, Connecting rod, Stem Y
557536	4/5	MI 13/21	Armature, lantern, Valve Band Y
558829	4/11	Comdt 15/21	Fan, Irons Y
558628	4/12	Comdt 16/21	Ventilating set Y
561843	8/14	CO 1-SE	Muffler Y
563202	5/5	Comdt 17/21	Thrust collar bearing engine Y
563163	8/15	CO 18/21	Wheel, Bearings Y
597445	11/18	Comdt 3/22	Gears, Y
600491	12/6	5	Propeller Y

GLACIER: SURVEY:

Number.	Date.	From or To—	Subject.
476175	2:20	M IS 5/27	Coal buckets.Y
480368	3:1	Insp'r Union V O I D Progress report.Y	
480363	2:28	M IS 6/29	Bench vise.Y
487577	2:20	M IS 5/27	Coal buckets.Y
490106	4:22	M IS 10	Boiler fittings for steamer.Y
490549	4/21	M IS No. 8	Various material - Y
491482	4:27	M IS 11	Cylinders and piston.Y
506014	2:28	M IS 6-29	Vises.Y
506029	4:22	M IS 10	Boiler and fittings.Y
514679	8:21	CO 2	Wheelbarrow, hand tools flashlight, etc.Y

216-27: GLACIER: SURVEYS:

Number.	Date.	From or To—	Subject.
523733	10;8	CO 3/21	Various material. Y
	10;11	M IS	
524516	12;9;29	CO ALVESTON VOID	
526934	10;25	L I 4-21	Boiler, boiler- Y
526927	10;26	L I 6/21	Battery to ting out, Lantern, coils, etc- Y
526936	10;25	L I 5/21	Boiler- Y
528652	11;3	M IS 7/21	Various items. Y
531024	11;17	M IS 8/21	Brasses. Y
531675	11/20	M. Is. 10-21	Various material. Y
534653	12/1	M I 9/21	Engine Y
545609	1/31	Glacier 11/21	Maxon horn Y
552329	3/3p	1921 Glacier 12/21	Block, Pulleys, Scale Y Fwd Dept 3/22 RE-3,28

4-2351

[illegible]

SOUTH DAKOTA: TRIALS: MOVEMENTS: ETC.

Number.	Date.	From or To--	Subject.	
✓ 44907	7/28	Dept 28004-1-85	Report B: engrg. comp. trials. W&Y Ret--Noted. 8/5.	
51795	10/18	C.O. VOID	Recommends change in size of reamers, etc. R	
52331	10/25	C.O.	FEED WATER HEATERS: reports on installation of, designed by Mch. E.W. Abel & tested by Lt. Oakley.	750
56232	12/11 12/12	Dept. Ord; 22501-11	Report on behavior of personnel and material. F Fwd Dept. via C&R. 1/9.	
56340	12/1	Pac. Flt	PROPELLER: coating with graphite, showing treatment, increases efficiency, report on 597	
			1912	
			1913	
906541	2/19	Dept	Target practice report.	749
✓ 101102	7-9	Dept	Report B. Fyds. F. Ret--7/17.	
101971	7/21	Dept.	Engrg Comp. Report B.	766

SOUTH DAKOTA 408--2

Number.	Date.	From or To—	Subject.	
111927	12/1	Dept	TARGET PRACTICE? fwds report	749
✓ 128640	6-29	Dept	Eng compt report B. Fwds. P Ret---7/1.	
✓ 185689	4-19	Pac Reserve Fleet	Full power and end run; commendatory report. P and Dept-- Recommendations. 4/28	
280402	4-10	To Ports	(T) - Has MONTANA telephones for NORTH DAKOTA. L	
✓ 509616	8:2	CO HURON copy	Request engineering performance of battle- ship class be furnished. M	
✓ 578696	6:30	CO	1921 Gives reasons why performance curves not submitted. M	
509617			Re: ... full ... on ...	

SOUTH DAKOTA: ELECTRIC PLANT.

Number.	Date.	From or To—	Subject.
47496	8/17	M. Is 7896	Reqt. authority to increase estimate for installing distribution boxes outside handling room. L
47774	8/25	M. Is 8213	Remove and replace elec. fittings and wiring on ceilings of suspended elec. booths, fwd and after turrets. L
			1912
76189	8/14	CO	Requests instructions relative to making out reports on electrical fittings and apparatus, as to including those under C&R. L To-- instructions 8/22 Ref. C&R. 8/22
			1913
95935	4/28	To CO	Quarterly report. request further report as to what action is being taken to put circuits in good condition. L
97764	5-15	CO	Reports progress made in removing grounds. L
			1914
✓ 130531	7/23	To CO	Quarterly report of electric plant; returns duplicate copy. L
178407	1-18	CO	Reqt misc elec alterations. L Fwd Pwg Hd-- For est and reco. 2/8 BB 3/3 To M. Is-- Gives action on reqt plans. 3/10 To M. Is-- Reqt reply 3/31 M. Is fwds vandyke 4/6 To M. Is-- Approvs plans and estimates. 4/21

SOUTH DAKOTA: ELEC 408-3

Number.	Date.	From or To--	Subject.
✓ 214899	?	CO	Changes necessary to comply Turret boards report. L
✓ 264767	11/20	CO	Repairs search light motor, lathe motor, electric log indicator - L
✓ 264768	11/15	CO	Repairs to search lights, generator, meters, interior communication system, calibrated radio set - L
✓ 266449	12-12	To CO	Elec installation. Repts inform in detail relative to leads which should be renewed. L
338652	8-7	CO	Request, furnish necessary material to repair switch board, overhaul deck inches, etc - L
372279	11:22	CO	Gives list of electrical booklets and records on board L
✓ 375559	1-15 1:21:19	To CO CO	Repts new original report CO annual report on plant data 12:17

SOUTH DAKOTA: INTERIOR COM SYS

Number.	Date.	From or To—	Subject.	
/ 441513	7:29 8:22	CO Porta	Request instal general alarm system. L To Porta disapproves reqt for general alarm system-8:27	
Wash 993	1/7	To Commanding Officer SOUTH DAKOTA.	Desires information regarding type of fire room timing apparatus. LS	629
Wash 993	2/12	SOUTH DAKOTA	Submits nameplate data on fire timing device; SL	629
/ 562564	3:30	CO	Submits list of matl turned in at Herf for shipment to F-C Co. L Fwd S&A cc CO 5/16	

SOUTH DAKOTA: INTERIOR COM SYS.

Number.	Date.	From or To—	Subject.
288177	3-6	CO Holzer-Cabot Co - result of visit of representative - L 4-3 To H-C Co - has discontinued practice of dis-assembling fire control phones in the future when nothing is the matter with them. Instructions sent to	Fire control telephone - states those re- ceived are unsatisfactory for purposes intended. To H-C Co - comment and recommendations re type of telephone transmittals. 3-1. Holzer-Cabot Co - L 3-21. To H-C Co - Pleased to receive report on visit. 3-3. Reqt ship of Utah phones from NY to. 647-10.
291303	3-22	To S&A. FLEET. 4-27	
295310	4/3	Ports	Fire control telephone - submits estimate - Y To - Estimate \$950 appvd. 4-11 Ports - fwds report of status - 4/24 - 1
298116	4/11	CO	Request Ports Yd be authorized to furnish type of telephones for MONTANA - 1 To (T) - MONTANA telephones for appvd. 4-12
34624	6/12	SOUTH DAKOTA	Reports recpt of 20 Utah type fire control telephones 629
302480	4/1	CO S D	New type joint spare indicators. Submit report on. To cc - asks for report and scheme of it. Gibbs. 5-15
32973	6/15	To Ginn	Asks if shipt of drill for SD DAKOTA & UTAH made 629

SOUTH DAKOTA; INTER COM SYS 408 - 4

Number.	Date.	From or To—	Subject.
> 322182	6/5 6/28	CO NY	Fire control telephones Type C N - request information as to whether or not the se govd. & sh. cont order of 5/31 on contract 34524 are to be considered an additional allowance - L To CO, re changing telephones, fire-control 1,7-24 CO - 6/14
347925	9/8	CO	Renew revolution indicators - L To Ports authorizes installation 9-16
360833	10-23	To Ord	Extracts from reference noted L RB 11-8th
366962	11-9	From Ord	Fire control, tracking devices, L To req. be supplied with a Universal driving machine for use in connection with fire control for 10:26 L
		1919	
387808	1;17	CO	Req. auth. to turn in time fire instrument L To- Reqs. appvd. copies to Trans Force Ind Mgr and S.O. NY 1-28 CO - 2/26
417593	5/10	Portsmouth	And SOUTH DAKOTA, requ ships be supplied 343-4 with standard director firing circuit switch. L.

SOUTH DAKOTA: INTERIOR COMMUNICATION SYSTEMS. 516 ✓

Number.	Date.	From or To—	Subject.	
187226	5/2	M Ia	Work in connection with director firing system; submits; transferred to Pug Sd	280-4
187358	5-2	Pug Sd	Director fire control system; asks if delay coil should be installed.L To—6/11	
205422	11-9	Pug Sd	Fire control changes; submits estimate.L To—Appvs est. 11/22 Fwd C&R—Have appvd est. 11/22Rs 12-1	
206215	11-15	CO	Time firing device; reports satisfactory results from alterations in.L	
206506	11-18 11-24	CO Ord	Request print showing or ginal installation of voice tubes.L To Pug Sd—Directs fwd print to CO if on file. 12/2 Pug Sd have furnished vessel with plans 12-14	
209923	12-22	CO	M-C fire control head sets; type C; request authority to turn in. L To—Will not auth issue of new material at this time. 1/4	
210426	12-22	Pug Sd	Fire control voice tubes; fuds plans.L Fwd C&R—Plan satis. 1/11 C&R fire control print 4/20	

1917

408 -- 4 SOUTH DAKOTA; INTERIOR COMMUNICATION SYSTEMS.

Number.	Date.	From or To—	Subject.	
213561	2-5	DEPT FREDERICK	& SOUTH DAKOTA; have instructed Pug Sd not to work on fire control alterations.	280-4
213790	2-7	dept FREDERICK	Reports on fire control material.	280-6
214604	1-29	Pug Sd	Fire control plans; fwds; not recd. L To--Plans have not been received. 2/19 Pug Sd fwds additional plans 2-26 To--Plan appvd 3/17 Pug Sd fwds plan 3-29	
✓ 265505	12/6	C&R	relative to change in boat allowance - Y	
		<u>VOID</u>		
265328	11/24	CO	Alterations - installations of voice tubes from flying bridge to starboard engine room - L Fwd C&R-12-8 C&R - satisfactory - 12/4 - L Ports - cancellation of job order for call bell system between flying bridge and engine room 4/3 - L	
268510	12/12	CO To- 1-5 FwdS&A-1-5	Reports on defective C N Holser-Cabot telephones L To H-Q Co. Report when they are modified and ready for shipment. 1-4 To S&A - act shipt 6 type CN tel from NY to Bos. 1-5 Reqt shipt 20 type CN telephones. 20 type C	
✓ 270218	12-29	To S&A - Reqt shipt 15 type CN telephones from Phila. to CO. 1-4 Nov. 16 - Shipments have all been made	1 To CO, Reqt if it'll recd 11-1	

SOUTH DAKOTA. Int. Com. sys.

1912

13

Number.	Date.	From or To--	Subject.	
69638	5/17	M. Is.	& CALIFORNIA. re-arrangement sub-central & substations, re mfr of dials.	147--4
72246	5/20	M. Is. / 6002	& CALIFORNIA: ships service tel. system; request auth. for installing; Bureau's letter June 10th on MARYLAND omitted these vessels.	147-4
76260	8/12	CO	Installation of range and deflection indicators and transmitters in 6-inch sub and 8-inch sub and sub-central stations. Ordnance officers object to installation as those installed on COLORADO are unsatisfactory. L Fwd Ord. 8/22	
78717	9-24	TO Dept	Omit telephones due condition appro. L	604
79051	8-16 9-9 9-25	CO M. Is C&R	Re-arrange voice tubes, fire control. L Fwd Dept with recom. 10-2 RBIC 4 appd Ref. C&R 10/4	
			1913	
99048	5-17 5-29	CO M. Is	Repair ships telephones; H-U type. Yard recommends new. L Fwd Dept. rec disappr. 6/20. Ret. M. Is. via CO. asks as to necessity of 7/2.	
113686	12-20	M. Is	Engine order telegraphs; change in dials. L	
113675	12-20	L. Is	ditto	
113685	12-20	M. Is	Helm angle indicators; change in dials. L	

SOUTH DAKOTA: ICS. 408-4

1914

Number.	Date.	From or To—	Subject.
120613	3-12	CO	Recd authority to turn in telephone stowage box. L To-- via Pug Sq. and Pac. Res. Flt. appd. 3/24.
131512	7-22 7-29	CO M. Is	7838 Salvo firing keys: est for mfg. L
138511	10-23	M. Is	11603 Gyro compass: estimate and plans. L Cwd Nav. via C&R-- For comment. 11/6 To-- Appvs. 11/21
141479	11-30	M. Is	3021 Fire control telephone switchboard: plan. L To-- Appvs. 12/10
146042	1-15 2-1	M. Is C&R	Gyro compass: estimate for installing. L
181840	3-8	CO	Alter time firing device; plan. L To-- Auth changes 3/18
182890	3-15	M. Is	Location of torpedo defence system; fwds print. L
183133	3-18 3-26	CO Phila	Location of torpedo defence station. L
184668	3/13 4/14	CO C&R	Install fire control voice tubes. L Cwd C&R 4/19

SOUTH DAKOTA: INT. COM. SYS.

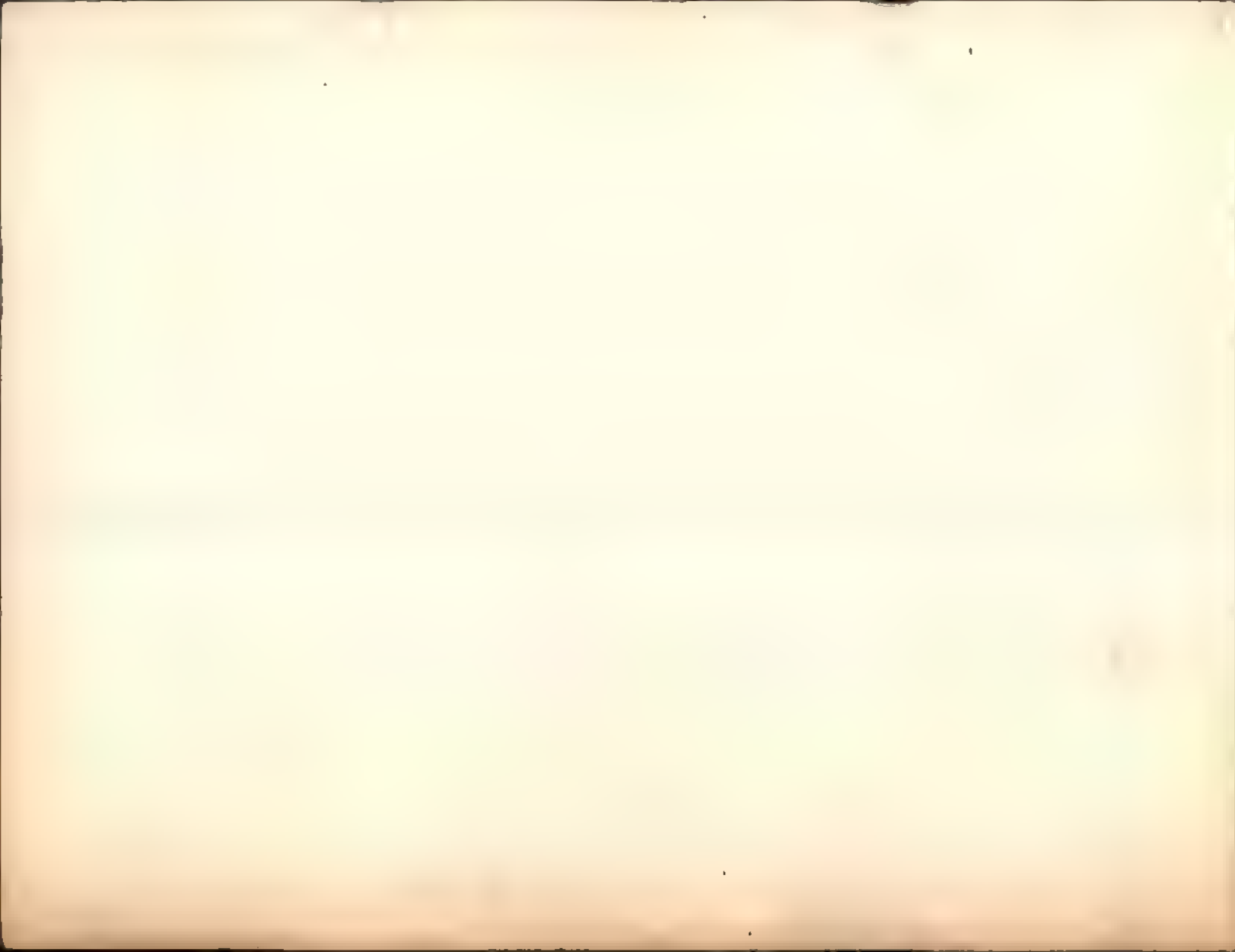
Number.	Date.	From or To—	Subject.
✓ 44895	7/22	M.Is 6961	Estimate for work on mechanical engineering telegraphs, bell mills, in connection with installation of case masts. To -- Appd. See 43688-400-S. E/10.
✓ 45106	8/1	M.Is T	Reqt. no change be made in present fire control system except connection from case mast to central station; reqt. authority to retain 3" voice tube to C and 2" mms. L (1) to -- Reqt. specific objections to type plans. 8/2.
✓ 45188	8/2	M.Is T	Fire control: no specific objections to Bureau type plans; considers present system superior. L (1) to -- Directs proceed with work. 8/3.
✓ 45201	8/24	M.Is 6938	Alterations to visuals, fire control. L
✓ 46023	8/5	C.O.	Time firing device: reqt. be altered to show 8 firing intervals in lieu of 6. L
✓ 46152	8/2	C.O.	Ships service telephone system: reports present equipment, with Holtzer Cabot phones proves satisfactory; recommended certain changes of location and new switchboard. L
✓ 46552	8/17	M.Is T	Time firing device: reqt. authority to alter to 8 in lieu of 6 numbers. L (1) to -- Appd. 8/18.
47164	8/10	M.Is.	& CALIFORNIA: has ordered mfg of mechanical dials for sub-central & sub-stations

147-4

SOUTH DAKOTA: INT:COM:STS: #08-4

Number.	Date.	From or To—	Subject.	
V 47335	8/5 8/18	C.O. M.Is. 7899	Modification time firing device; L	
48537	9/5	M.Is.	& CALIFORNIA: reports number, type & location of telephones	147--4
✓ 49589	9/21	C.O.	Explains reasons for making reorg. for 18 arc lights interior fittings for gun firing circuits. L	
47188	9/25	TO Pug.Sd	25 new telephones. 9/25	477-4
			1912	
59913	1/23	M.Is.	& CALIFORNIA: submits estimate for installing new ships service telephone system	147--4
60357	1/26	M.Is.	GENERAL TORS: rect instructions re securing panel for those converted.	661--2
62434	2/28	Holtzer Cabot Co.	& CALIFORNIA: fwsd spare part list for telephone system	147--4
63792	3/9	M.Is.	& CALIFORNIA: estimates for removing and replacing elec. appliances on cage mast due to alterations in height	147--4

FILE No.	From or To— (Dated)	Subject	
31045 1/24	M.Is.	CALIFORNIA: & relative to re-arrangement of bridge and cage mast.	147--4
31299 2/8	C&R	& CALIFORNIA: print showing arrgt of cage masts and bridges	147--4
✓ 36846 4/20	Dept 27468-1.87	& WEST VIRGINIA: Battle practice; reports on operation of fire control apparatus. L Fwd O'd. Under cog.of.4/25.	
37118 4/19	M.Is.	& CALIFORNIA: fire control: & masts: reqt reghn be made for 20,000' wire. states have sufficient other material to make alterations in accordance with 1910 specifications.	147--4
/ 37117 4/27	Fwd M.Is.	~~Fire Control System. Recst information as to changes necessary to bring in to requirements of 1910 Fire Control 3d's report.~~	
✓ 37324 2/27 4/20 4/27	C.O. M.Is Ord 3757	Suggestions for changes in fire control system. L Ret M.Is. for consideration and rec.4/29.	BB 5-25
✓ 37117 2/27 4/20	C.O. M.Is. 3757	Comments on fire control system and recst. instructions whether will be allowed to keep present system, or 1910 system will be installed. L Fwd M.Is. for information.4/27. BB 5-25 To M.Is. ref to 39896-547 of 10th and June 50th. 7/14.	
39896 5/17	M.Is.	(CLASS) FIRE CONTROL: fwds prints, and states changes necessary to comply with latest systems	647
42097 6/24	M.Is.	CALIFORNIA: asks if 1910 fire control sys. is to be installed as per plans of MARYLAND	147--4



SOUTH DAKOTA - ELEC LIGHT AND POWER

1921

Number.	Date.	From or To—	Subject.
590490	9/22	CO HURON	Request new set of prints cov dynamo engines. L To Comdt's yards- Generating sets Request for vancouver 10/20 L 10/25 L Ports-no tracings on file-10;26-L Norf-10;31-L NY-na plans on file-10;28-L 10/31 11/1 L Where 1/7 1921 prints cov 50 and 100 KV generator sets for. 11/7 L Phila- 11/15 L
1922			
608324	12/13 12/17 1/6	CO Atlantic Coast C&R	Report on destruction of schlight #7- request auth to change location of schlights- #1 and #3 L C&R- 2/15 L To C&R-2;18-L C&R-Copy action to CO HURON 3/1 L

[illegible]

SOUTH DAKOTA: ELECT: LIGHT & POWER

Number.	Date.	From or To—	Subject.
412396	4:10 4:18	CO Ports.	Install water type transport switch box and install light L Fwd Operations. 4-25 To I.M. Ports- Gives detail action. 4-25 To I.M. Ports. copy to CO. RB 4/30 action. 5-6
435269	7-28	To I.M. Ports-	Signalling Searchlights. Desires installation of two 24" high tensidy arc signalling searchlights be installed one on each wing of the signal bridge. L copy to CO
Ports-T have no notice of shipment of searchlights. 8:12			To I.M. Ports- Auth granted for installation of necessary wire. copy to CO. 8-1
Ports-T two circuit breakers needed. 8:14			to S&A- Regt shipt searchlight from NY to Ports. 8-4 Ports (T) ask how many searchlights shall be shipped - 8/8 - RB:8;22
Ports-feds print of signal searchlight/9-			to S&A- Regts modifications to shipt order of Aug. 4th. copy to S.O. NY and Ports. 8-12
			✓ To S&A- Regt shipt circuit breaker from Boston to Ports. 8-12 RB 8-29
			To I.M. Ports- Advise why circuit breakers in store not suitable for SOUTH DAKOTA. 8-13
			To I.M. Ports (T)- Lists shipment of material on order of 8-12th. 8-13
443037	7/28 8/28	CO NY	Illuminating set - estimate for assembling and fitting - 9-5 Fwd I.M. NY- 9-5 S&A- 10-6 NY - 10/31

SOUTH DAKOTA: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
173137	11-19	M. Is	Mechanical distant control for searchlights; estimate and plans. L Fwd Dept via C&R--rec appvl. 12/7 M. Is reqt action (R) 2-22 To--(R) will not be installed present overhaul. 2/23
176247	1-14	C7r	Searchlights; mechanical control; satis; recommends investigating for other vessels of class. L To Pac Flt--Fwds corres on; reqt rec re adopting similar arrangement on other vessels of class. 1/21 To M. Is--Have refd to Pac Flt for rec. 2/23 To Pac Flt--Req report on searchlight controls. 5/5/16
186278	4-20 4-25	COF Pug Sd	Searchlight distant control; time required for installing. L To Pug Sd--No action at present. 5/5
186887	4-29	Pug Sd	Work of installing adapter night signal set held up pending instructions. L To--Not action at present. 5/11
192737	7-8	To Pug Sd.	Searchlights; distant mechanical control; directs be installed. L-Y To--Fwds plans covering above. 7/17 To M Is 8/25
198902	9-6	Pug Sd	Manufacture and install mechanical control searchlight. L Fwd Dept--Work under this Bu will be auth. 9/26 BB 10/5 To--Est appvd. 10/18

SOUTH DAKOTA; LIGHT AND POWER

Number.	Date.	From or To--	Subject.	
233000	6-9	S&A	Bulbs for 12 1/2" searchlights; fwds copy of telegram from M Is. requesting disposition	675
233000	6-9	S&A	Bulbs for 12-1/2" searchlights; fwds copy of telegram from M Is reeqting disposition.	675
✓ 271817	1-8	To Ports- Alterations	to slide valves a-pve. L CO - Re. reqsts alterations to slide valves of dynamo engine. L 4-4 To - Repts that wd take steps to make effective changes auth. 4-17	
280403	1-27	CO	Repairs to megger testing apparatus. L/	
288899	3-8	CO	Request authority to turn in Ardois set. L To - Auth 3-8-20 3-11-20 no spare parts two Ardois sets complete installed br vessel. 1.7-20	
305799	5-9	CO	Fwds lists of spare parts for generating sets. L	

1912

SOUTH DAKOTA: LIGHT & POWER.

Number.	Date.	From or To—	Subject.	
70160	4-15	CO	Fwds report on accident to No.1 dynamo engine.L	
75698	7/11	C.O.	S ^r readiness for battle, reports defects. spare searchlight mirrors, etc	408--8
~~80154~~	~~9-30~~	~~CO~~		
77267	8/1	C.O.	Alterations, alter elec. control of searchlight to hydraulic or mechanical.	408--8
79469	10-4	M. Is	Mechanical control searchlight: not yet purchased; small work be continued. L. 10 -- do not purchase. 10-7	
80154	9-30 10-5	CO M. Is	9313 Repair rheostat main switchboard.L	
82817	10-30 11-9	CO M. Is	10451 Repairs gen sets.L	
			1913	
87863	1/2	C.O.	Reports on readiness for battle, Require additional searchlight mirror.	408--8
90651	2/26	To Dept	Re equipping searchlights with distant control 749	

SOUTH DAKOTA: LIGHT & POWER. 406---5

Number.	Date.	From or To—	Subject.
102024	7/21	To M.Is. T	Distant searchlight control; installation; instructions.Y
~~101094~~	~~7-15~~ 7-31	CO M.Is	Searchlight control; installed.L
111576	11-24	CO	Install control for searchlights, additional cargo light. L To---no change at present time.12/4
140945 VOID	11/13	CO	1-14 Rqt authority to transfer a charge for one ice machine from Title B to Title Y on allowance.B
140945	11/13	CO	Supply and install blinker signal system.L To M.Is--Authorized. 12/6
144272	10-14 12-30	CO M.Is	1915 Install mechanical distance control for searchlights.L To M.Is-- Disappears estimate: fws prints with rqt that estimate be submitted for manuf. 1/15
155322	5/12 5/13	CO Pac Res Flt	Rqt official mechanical control for searchlight.L Fwd M.Is-- Rqt est an. 5/29 RB 7/6
158531	6-11 8-18	Pug.Sd S&A	Lamps for blinker control; ask type to issue.L Fwd S&A--Under schedule 6938. 6/23
172790	11-19	M.Is	Mechanical distant control for searchlights: fws plan. L Fwd C&R--Appvs plan. 12/10 - RB 1/15

FILE No.	From or To— (Dated)	Subject.	
31847 2/17	To M.Is.	ILLUMINATING SETS: submits estimated cost for installing in accordance with latest specs	733
33900 3/18	M.Is.	ILLUMINATING SETS: prints showing modifications	733
36689 4/10	C.O.	S.DAKOTA: reqt. repairs to main engines: pipe, Gen. sets, telephone circuits, etc	408--8
42559 6/21	M.Is.	CALIFORNIA: MARYLAND: searchlight panels: rel secondary turrets.	147--5
43957 7/6	M.Is.	ILLUMINATING SETS: submits estimate for installing.	733
44452 7/8	M.Is.	SEARCHLIGHTS: reqt auth. to install 36" on sched. 2284 on:	706
44838 4/10	C.O.	Repairs: to main engines, boiler doors, searchlights, armatures, gen. sets	408--8
46552 8/17	M.Is T	Time firing device: reqt. authority to alter to 8 in lieu of 6 numbers. L	408-4
✓ 49333 8/8 9/14	C.O. M.Is	Installation of lights and wire removed in connection with C&R work.L	
✓ 50714 9/19 10/3	C.O. M.Is 9639	Repairs to night signal set.L.	
53151 10/3	M.Is.	CALIFORNIA: MARYLAND: re shifting location of ventilating blowers from vicinity of battle compass: necessary wiring changes.	147--5



1921

6

Number.	Date.	From or To	Subject.
574311	7/13	Request To S&A #8128 <i>Standard</i>	Request shipment of arc Chamber from Washn to Cavite W RE 11/29 W
593023	9/24	CO	Request vessel be placed on mailing list for circulars on radio issued by Bureau Standards. W. To CO- Gives Action 11/16
1922			
646001	10/21	To CO	Alteration of model "E" Receiver- Gives Action taken W

SOUTH DAKOTA : RADIO.

DUPLICATE

Number.	Date.	From or To--	Subject.
✓ 444769	9/9	Boat	& GREENE Curves of radio compass installation. (Cross to GREENE-6) 24.0.2. <i>Green</i>
461864	10-20 10-28	CO Asiatic Fleet	Host vessel be furn with 1 long wave wave-meter. To CO- Reqs appvd. copy to C-C ASIATIC FLEET. ✓ To SAA- Reqt shipment wave meter from Wash to CO. W 12-15 RS-9:15-Y 12-12
466111	12,28	CO T	1920 Request spare magneto coil for arc set be furnished.W CO-T-converter magnet coil-1:2 To (T) 16328 not understood. Is converter magnet coil or some small solenoid coil desired. 12-31 Washn-2:9
504792	7-14	To SAA	✓ Reqt shprt of apparatus from Washn to O 3675 W. Cross to 3626 ✓
511516	8:14	Asiatic Fleet copy	Recommends complete acceptor rejector equipment be furnished for installation on.W To Asiatic Fleet (T) Acceptor rej recg eqpt being shipped from Washn to CO.
517999	9-20	To SAA	Reqt shprt of app from Washn to CO 4445 W.

Moran
 SOUTH PACIFIC NA IO

1940

Number.	Date.	From or To—	Subject.
50100	10-1	To SAA	Request shipment of material from CO to Station 649 W.
529851	11:16	Cavite copy	Request shipment of radio material listed from Western Elec Co for install on W To SAA Request shipment of AYI from Brook to CO 5267 11-22
529861	11:16	Cavite copy	Request shipment of radio material listed from Western Elec Co for installation on W.
524311	7:10	Station Fleet copy	Request shipment of radio material listed from Western Elec Co for installation on W.
<i>See card 6</i>			

SOUTH DAKOTA; RADIO

1919

Number.	Date.	From or To—	Subject.
435647	7-29	To S&A	Reqt shipment Sound-proof booth, compass coils from Phila to Ports. W-RB-6;14 S&A 7:30 * CR & TR Force Hob ken-Fwds copies of correspondence re radio alterations. 8-2
435648	7-29	To S&A	Reqt shipt transmitting sets, compass sets, control boxes etc from Wash to Ports. W-RB-8;14 Ports - 8/4 To Ports- Instruction booklets in course of preparation and will be fwded at later date. 8-11 * Norr (T) reqt action - 8/19
Ports-T asks if plans on hand shall be used. 8:15 To Ports-Make motor buzzer installation similar PITTSBURG. 8-16 435650	7-29	To S&A	Reqt shipt storage batteries, booths, phones etc from So. Brook to Ports. W R B 8/13 S&A-8;8
435652	7-29	To I.M. Ports	Installation of radio apparatus. Lists same auth. W copy to CO.
To S&A- Reqt shipt shor. wave meter from Was. to Ports. 8-5 RB-8;21 ~~Reqt shipt 19 sets as date & completion~~ ~~24 sets as date & completion~~ C&R-8;7 C&R-8;11 436640	7:31	CO	Ports (T) ask if pneumatic tubes are desired 8/31 To C&R- Reqt action. 8-4 RB-8;14 To S&A- Reqt shipt transmitting sets from Boston to Ports. 8-4 RB-8;21 Request complete new spark transmitter be supplied To C&R- Lists work reqt expedite. 8-8 To Ports (T)- Spark set expressed from Boston 8-6th. etc. 8-7 copy to CR & TR Force Ports-copy-reqt action relative to new spark set. 8:5

Number.	Date.	From or To—	Subject.	
Wash 993	To S.O.	Pug.Sd	Inform type of transmitters supplied to PULBLO HUNTINGDON & LOUGH BILKTA. LS	629
435652	8-15	SEE OVER	Ed C&R. Alterations: W CO (T) reqst installation of short wave receiver be authorized - 8/19 To CO (T) - material will be shipped today-8/20 (T) Asks if present arc set will be retained 408-8 Booths and motor buzzer transmitter should be availd at once- Ports- (T) recommends old spark set be replaced - 7/31. W	
To S&A-radio apparatus-From ~~Wash to Ports~~ Wash to Ports-8:27 25-8B-9:3 Ports-gives list of receiving equipment Ports turn up into store.9:4 435274 7/26 7/30 Ports				
435648	8-18	SEE OVER	To Ports (T)- Make motor buzzer installation similar PITTSBURG. etc: W To Norf(T)- Buseng 13816 cancelled. 8-20	

SOUTH DAKOTA: RADIO.

Number.	Date.	From or To--	Subject.
244014	8/166	To CO	NSE 25-B and Bu records differ. Reqt further information. W CO--9/28.W
259719	10/12	CO	Request curve sheets for wave meters to Washington-- 8qts fwd Above sheets. 11-12 Dash 1/2 - W
264105	10/31	CO	Wave meter on board ship K & C type - asks from what ship recd - To- In letter of 4/18/16 Bu auth issue of to SOUTH DAKOTA. 12-1
265448	12-4	CO	Request authority to turn receiving control board into store. W To- 8qt granted/ 12-10
290963	3-14	Puget Sound	Radio apparatus - fwsd calibration. W
292936	3-27	CO R	Asks if can install radio compass at this time. W To- Compass to be fwded as soon as some minor difficulties are overcome. 4-3

SOUTH DAKOTA: RADIO 408 -- 6

Number.	Date.	From or To—	Subject.
298857	4/18	To S&A	Reqt shipt of Audion B battery fr m Wash to. W
317908	6-19	To S&A	Reqt shipt radio apparatus from Wash to C O W. R B 10/21
328359	7/6	CO	Alterations to radio set, and room - W Atlantic trans. Force 8/12 - Duplicate repair list
347931	9/5	CO	Repaired to radio apparatus - W
413983	4-29	To S&A	Reqt shipt medium wave receiver from Wash to CO. 7/24 RB 6-16
418141	5-15	To S&A	Reqt shipt audion control box from Wash to Ports. 5-15 W RB 5:31
control box from Wash to CO. 6-17			CO req. auth. to keep both audion control boxes 6:10 To CO: Reqs. to retain on board the present DeForest Filter type audion control box not appvd. copy to I.M. Ports and S.O. Ports. 6-17
435739	7/28	Ports Copy	Reqt Lt Com. J. B. Will be ordered from Boat for consultation in connection with radio installation on - W

1913

✓ 3

SOUTH DAKOTA: RADIO.

Number.	Date.	From or To--	Subject.	
✓ 208118	12/4	Pac Flt	& FREDERICK; reports on inspection of radio.W To Pug Sd--Reqd est and rec for putting wave changer in efficient working order. 12/20 Pug Sd wave changer of obsolete type; request authority to install new 1/18 To--Have previously auth install. 1/26 M Is have no record of 1/23	
✓ 209803	12-20	CO	Request authority to turn in Deforest amplifier.W S&A states papers were forwarded to CO 2/8 S&A original papers not yet returned 3/16	
211943	1-9	CO	20 kw arc set; request 6 wire cable from radio room to conning tower.W Fwd Pug Sd--1/23 48 2-21 To Pug Sd--wire cable install. 3/5	
✓ 213464	1-29	CO	Reports transfer of IP76 receiver to PITTSBURG.W	
213389	2-4	Pug SD T FREDERICK	& SOUTH DAKOTA; request Bureau take steps to secure 20 kw arc sets Pug Sd proposed assignment of sets. 2-5	280-6
218347	3/16	Pug Sd R	Asks if Bu can supply long wave, Navy standard, receiving sets; gives dates of completion	280-6
219242	3/24	To S&A	Reqd shipt of long range receiving set from Wash to. W	

408--6: SOUTH DAKOTA: RADIO.

Number.	Date.	From or To—	Subject.	
120 S F	3-27	M Is T	Can complete test of ship set for SOUTH DAKOTA 10 days after delivery.	629
220629	4-2	S&A	Radio set; M.Is directed to hold.W.	
220671	3-31	Operations	Instructions relative to stopping at M.Is for 20 hr. arc set. W Pac Flt (R) will proceed M is as soon as complement is received 4/9 To Pac Flt - 4/9	
221406	4/6	Pug Sd R	Request authority to retain additional portable field set W To--(R) Instrns. 4/10 Pug Snd - Gives name plate data - 5/9 W	4/7
221875	4-9	Pac Flt	Will proceed M.Is for installation radio set.W.	
224624	4/19	Pug Sd	Request key in conning tower for auxiliary battle station.W To--Appva est. 4/28	
226184	4/3	M Is R	Request long range radio receiver. W To S&A--Rec. E ship of. 5/5	
✓ 226834	4/28	Pacific Flt	Reports on inspection of radio apparatus To--5/9	W

SOUTH DAKOTA: RADIO:

Number.	Date.	From or To--	Subject.	
161655	7-26	To CO Via M.Is.	Telefunken receiver type KAHF No. 1199; turn into M.Is for further disposition.W	
162414	7/16 7/26	CO M Is	Reqt condensers for radio set.W To CO--Submit reqn for 8/6	
163264	8/11	MICHIGAN	Reqt authority to retain Telefunken quenched spark gap; ex-SO DAKOTA, as spare	286-6
✓ 170003	10-19	M.Is	Telefunken receiver received from; asks disposition of; recommends be surveyed and used in Radio Laboratory.W To--Auth repairs to. 11/5	
174177	12/13	M Is	Telefunken receiver turned in by; reqt instructions re ~~acc~~ disposition.W	
176085	1-7	C(	Request authority to turn in obsolete Leyden Jars. W To Via M.Is-- Appvs. 1/14	
178291	2-3	CO	Request portable radio set.W To--Unable furnish owing lack funds. 2/11	
180923	2-29	M.Is	Alterations to radio installation; submits estimate. W To--Authorized. 3/6 Fwd C&R-- 3/8 RB 3/11 To C&R--Ventilation of radio stations; re removal of gases given off from Leyden Jars when apparatus is in full operation.W	3-9
184443	4/6	M Is	Arc radio sets; submits plan and estimate for enlarging radio room	280-6

SOUTH DAKOTA: RADIO 408-6

Number.	Date.	From or To—	Subject.	
187391	5-4	Pug Sd	Radio installation; reports on progress. W To—20 K.W. arc radio set under contract 287 will be assigned to 5/17	
✓ 192958	7-8	To SAN DIEGO.	Directs 1/4 K.W. portable set be transferred to SOUTH DAKOTA; radio set type D will be retained. W Pac Flt (T) appeals against transfer portable radio set to 7/25 SAN DIEGO set now aboard vessel 7/25 (T) To—(R) Retain radio set. 7/25	
192223	7-12	To S&A. To M.I.S. Instras. 4/2 (T)	Reqt shipment arc radio set from M.I.s to Pug Sd for. W To pug Sd—(T) Reqt cancelled. M.I.s. will make install. 4/2	
193458	7-14	To S&A.	Reqt shipment portable radio set from Wash to ship. W	
✓ 194829	7-28	To M.I.s.	Directs portable field radio set at San Diego exposition be issued to SOUTH DAKOTA when apparatus is ret'd upon close of expedition. W	
✓ 196146	8-11	To S&A.	Reqt shipment ultra-audion detector and bulbs from Wash to CO. W	
198408	8-25	M.I.s	Audions; reqt auth to assign one in stock	898
202445	10/10	Pac Flt	20 kw arc sets; request be installed on	342-6
205504	11-5	Pug Sd	20 kw arc set; fwds plan and estimates. W	
To via C&R—Appvs install with modify to plan 11/27 Fwd C&R—11/27			Fwd C&R—Plans satis to Bu. 11/17 RB 11/22 C&R proposed arpt satis 11-18 Fwd Dept—Rec appvl of install. 11/21 RB 11/23	

SOUTH DAKOTA: WIRELESS.

Number.	Date.	From or To—	Subject.
✓ No #	9/1	To C.O.	Reqn. 80. Transposing switch cannot be supplied without further information as to purpose to be used.
✓ 49031	9/20	TO CO	Listening in key; have approved reqn. although same was designed for shore stations. W
✓ 54881	11/17	C.O.	Reports on wireless tests W
			1912
			1913
86978	1/1	CO	Fwds description. W
108308	10/20	To NY, M. Is. & A&S	Lowenstein radio set, shipment to M. Is. for installation on either Cal. or S. Dakota. 147--6
✓ 112273	12/9	To M. Is.	Radio set removed to be held for further use; request estimate for putting in repair; desired to install on MARBLEHEAD. W M. Is. 12/17 (T). set ex-PI ¹ SBURG in bad condition. W (1) to M. Is. assignment. Tr. set ex SO DAKOTA satisfactory. 12/17
✓ 113733	12-19	M. Is. 13016	Submits estimate for installing Lowenstein radio set. W
			1914

SOUTH DAKOTA: 408-6

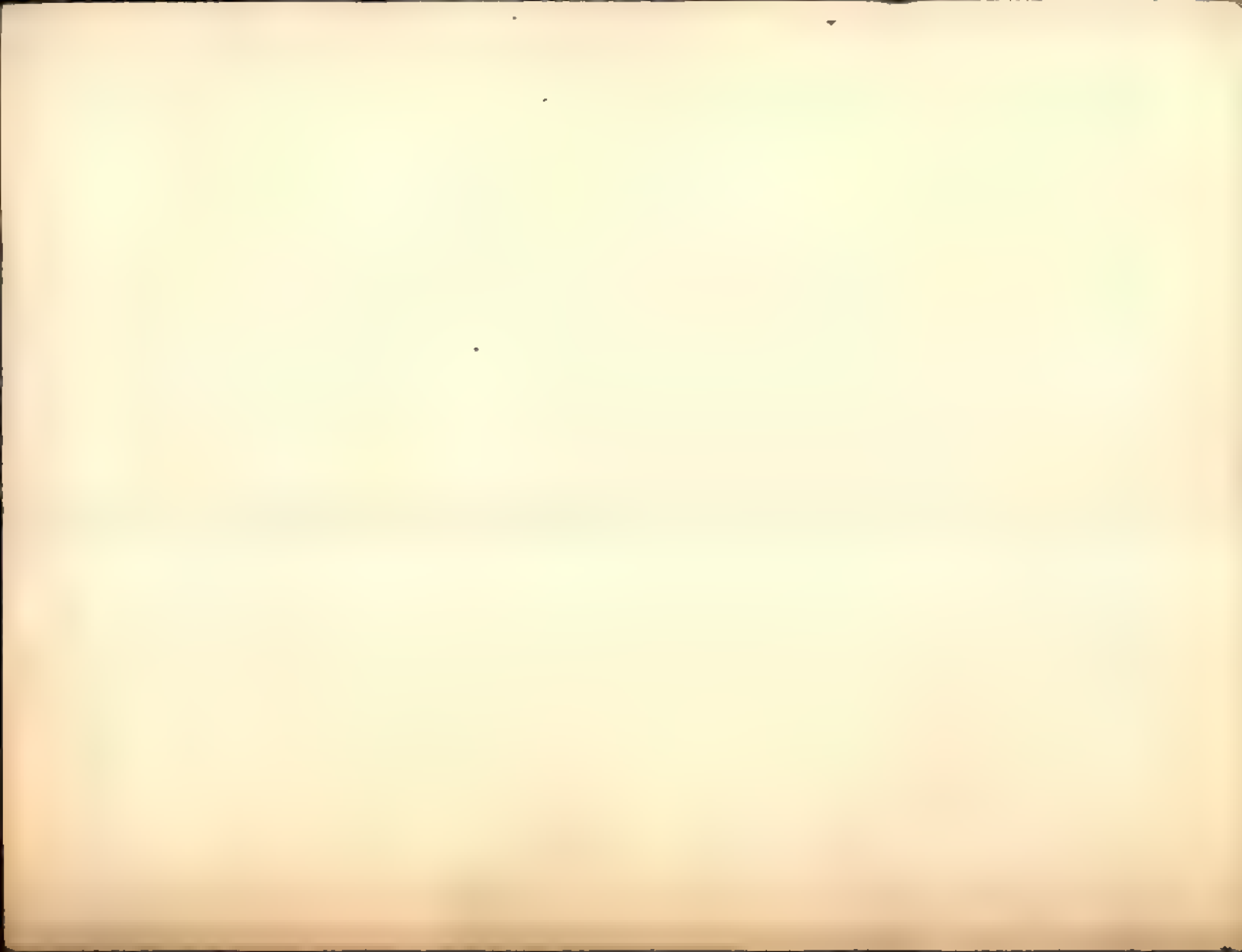
1911

Number.	Date.	From or To—	Subject.
✓ 114107	12-31	CO	Fwds semi-annual report radio set, Lowenstein.W Fwd NY. for comment. 1/5 Ret---via Pac.Res.Flt. 1/21.
120088	3-9	M. Is	Radio plant; fwds description and prints.W
121269	3-20 3-27	CO Pug.Sd 15863	Re installing hot wire ammeter. W To Pug.Sd.appd.4/1.
✓ 129102	7/6	To CO T	Authorizes loan portable radio apparatus to Fourth Marine Regiment at discretion.W
142866	12-14	M. Is 13752	60' wooden top mast; submits estimate.W. Fwd C&R--SE work authorized. 12/29 C&R have auth 1-6
✓ 154157	5-3 5-5	Crocker Wheeler Co. S&A	Relative to armature for radio set.W (See 153066-882-3)
158069	6-16	To CO Via M. Is.	Telefunken radio receiver reported as not in use will be turned in at M. Is. W
✓ 159220	6-24	Pac Reserve Fleet	Reports transfer of detector stand from WEST VIRGINIA. W To-- Satisfactory. 6/30
159769	7-6	Pug.Sd	Radio calibration; fwds data sheets. W

S. DAKOTA

SIGNALS, underwater

FILE No.	From or To-- (Dated)	Subject	
28090 12/17	M. Is.	SIGNALS, sub. rel installation	711-3
53227 11/8	Sub. Sig. Co	SIGNALS: fwsd bill for balance due on #53 Cont.	711-3
		1912	
		1913	
222522 4-12	Sub Sig Co	fwsd inspection report. 1 Fwd CO--For report. 4/15, RB 4-28 To Wash--Rec payment. 4/30	
472 10/4	To Norf	Returns all copies of reqn covering material for for revision. LR	
279763 2/2	CO	Fwsd report inspection of submarine signal apparatus. 1 wd Washington D. C. 2-12	
451438 5/7	To SOUTH DAKOTA	Reqst fwsd description of apparatus reported from CO of 3/3 W	797



SOUTH DAKOTA: MACHY PLANT:

Number.	Date.	From or To—	Subject.
511521	5:5 8:12	Asiatic Fleet	Submits report on efficiency inapp. Y Fwd Operations via Ordinance 8/16
516180	8:13	CO	Proposed Itinerary. Y
528427	11:9	Dept delay	Copy of telegram to Asiatic Fleet authorizing docking of vessel until repairs are completed. A
531766	11:29	Asiatic Flt copy	Vessel left Manila for Olongapo. A
541273	1:21	CO	Repairs completed at Cavite. A
562613	5:7	Dept	Copy of letter to Asiatic Fleet stating cannot assign light cruiser as relief for HURON. Y
566197	4:1 5:25	CO Dept	Report of batl readiness. Y Fwd Operns via Ordn C&R Med & Surg 5/28
585743	9/13	Operations	Military inspection- fwsd report. Y Fwd Navign SCA Med & Surg 9/23

SOUTH DAKOTA MACHRY PLANT

1921

Number.	Date.	From or To—	Subject.
592253	9/17 10/24	CO O&R	Special report on material readiness.Y Fwd Opers 11/4
✓ 639199	7/1 6/24	CO O&R	Submits report on mail readiness Y Fwd Opers via Ordn 9/23
642500	8/21 9/22	Asiatic Fleet O&R	Submits report of efficiency inspection Y Fwd Opers via Ordn Navign- &A- Med & Surg 10/6
653789	10/8 12/15	CO O&R	Submits report on material readiness Y Fwd Opers 12/22

SOUTH DAKOTA: MACHY PLANT:

Number.	Date.	From or To—	Subject.
439634	8:14	Ports copy	Vessel doc. A. & Y
✓ 441103	8:21	Dept	Vessel will sail after Sept 1st for Asiatic Station. Y
441477	8:21	CO	Submits report of inspection of matl of engrng dept. Y
441643	8:23	Dept	Copy of telegram to Cruiser Force assigning SOUTH DAKOTA to CAVITE and PUEBLO to Ports. Y
442275	8:26	Ports	Submits list of patterns turned in to store on August 26th for shipment to CAVITE. Y
Ports—copy of letter relative to transfer of modelling patterns from Ports to CAVITE. 8:31			To Ports—Desires prop hub and hub cap patterns go to Asiatic for S D 8/29
✓ 442029	8/28	To SOUTH DAKOTA Phone	CO asks if crank shafts could be shipped by collier; Buire informs transfer to Operations as under cognizance of Y
			To Ports—Phone in re to transportation of material on hand for South Dakota 8/27 cc to
442991	9:1	3d Inspection	Material inspection f. a. report. Y Ports & SD

408 - 8

Number.	Date.	From or To	Subject.
457489	11/12	Asiatic Flt Copy	Vessel will complete repairs at Olongopo 12/1.
459195	11/20	Porta	Copy of letter to Cavita fwding tracings and prints listed - Y
			1920
466816	11:24	CO	Submits list of machinery prints missing request be replaced. To- Fwds machinery plans. 1-8
474578	2:5	Norw	Lists patterns turned into store which should be fwd'd to Cavite.Y
498945	6:8	Dent Fwd Dent via SGA yd & Docs - Solicitor 7-7.	Cruiser SOUTH DAKOTA changed to HURON - MONTANA to MISSOULA and NORTH CAROLINA to CHARLOTTE.K Ord-fwds Dent's letter re changing of names of S.D.K. MONTANA & N.C. to HURON MISSOULA & CHARLOTTE respectively. Report of material readiness.Y Fwd Opers 6-17.
499858	4:7 6:15	CO Cdr	
510686	8:7	Asiatic Fleet copy	Request authority to defer next docking of vessel until service permits.Y

SOUTH DAKOTA: MARY PLATT

Number.	Date.	From or To--	Subject.	
408818	4/5	Dept	Cony of let. ports. giving instr in connection with procedure of work on ~~SITTINGBURY~~ SOUTH DAKOTA AND SAN FRANCISCO PADUGAH A.	342-8
414472	4:23 4:28	At Cr C&R	Submits report of matl readiness for war service Y Fwd Operations via Ordnance. 5-9	
420438	5-14 5-22	CO C&R	Request ~~true~~ up pins and renew brace of main engine. Install radiators in sea-men's quarters, etc. D&Y	
427647	6:23	Dept	Instr. in connection with holding mail insp Y To Bd I&S- Fwds correspondence. 7-17 Bd Insp - returns correspondence - 9/10	
429095	6:27	Phila	Req. prts of crank shaft forging for San Diego and SO. DAK. d To E.O. Phila Fwds prints. 7-2	
429428	7-3 COMEX 8:5	To CO	Release fro Troop Transport Duty. Directs Removal of all Special SE material with the exception of extra lights and turn into store. Yo	

SOUTH DAKOTA: MACHY PLANT

Number.	Date.	From or To—	Subject.	
299487	4/8 5/20 5/21	Panama Canal Fwd Atl Fit RB 5/25 TO SEA RB 5/25	PITTSBURG SOUTH DAKOTA FREDERICK lists Matri in store canal zone for Y/ To MI inform what matri consists of To Matri for PITTSBURG and req hold 22RB To SEA list matri at Canal zone and req instr for ship to Ports New Hampshire Fwds ports 5/10. M is req. Pitts be instr Re disposition PUEBLO give list of repairs reqstd. A. 842-8	280-8 5/18 5/9 5/13 842-8
431786	8-28 7-2 7-10	Atlantic Cruiser C&R Ord	Report of material readiness for war service. Fwd Operations. 7-14	Y
435002	7/24	Ports Copy	Submits report of minimum work and estimated time to repair and fit out vessel for duty as flag ship Asiatic Station - Y Dept-request issue instrns as to work to be performed. 7:25	
435274	7/25	Ports T	Reqst to proceed with alterations to fit ship for duty as flag ship Asiatic Sta. -Y to Comdt Ports-(T)-lists radio installation to be made on. copy to Comdr CR & TR Force Ports 7-30 (T) ASKS if present arc set will be retained. Booths and motor buzzer transmitter should be delvd at once- W Ports - (T) recom ends old spark set be re faced - 7/31 - W To Ports(T)-letter mailed 29th. Retain arc set-no record new spark set needed. Why is new spark set needed etc. 7-30 Ports-T request action. 8-4 Plt Supply Base (T) antenna parts shipped 8/13 - 8/16	
2 435274		To Ports(T)-Radio compass coil and house and one sound proof booth for S D expressed from Phila 7-31. 8-1 To Ports(T)-Antenna equipment expressed from F S B 8-13th. 8-16 Ports (T) are overhauling and reinstall- ing old antenna equipment. 8/22 To Ports - delay in receipt of antenna due to strike NY N Haven & Hartford RB-6/25		

TOLSON: MCMY LINE.

1918

Number.	Date.	From or To—	Subject.
336317	8/7	CO	To airm to switchboard - alarm bells, lights indicators - etc - Y
337102	8-7	CO	To airm to valve stems, crank shaft and steel pipe - Y
337103	8-7	CO	Repairs to engines, laths, boilers - Y
336247	8-15	To CAR	Fwds letter from CO. L To NY. Re approval of repairs, 8-15
367044	10-12 10-23	CO Dept	Material in readiness for wiring surface and Dept., Via Nav, 11-11 - Y
372244	11-26	To Norf	Outstanding work on, Y Norf report of work 12:26 Fwd Ports 1/2/19 RS 12-1-19

SOUTH DAKOTA: LACHY PLANT. 408 - 8

Number.	Date.	From or To—	Subject.	
392549	2/6	Atl Cruiser Co y	Ship proceeding to Ports - will leave 2/19 - A	
395992	2-18	To Ports	Outstanding job orders at NY and Norf.	
Fwd I.M. Ny via		I.M. Norf. 7-1-RR-7:21	If any to the work in the weekly report of work is found necessary it is auth at Ports. Upon departure of vessel advise work undertaken so that orders may be cancelled on NY and Norf. copy to CO I.M. Norf and I.M. Ny. Yo B 6/30	
397555	2:25	Dept.	Home Yd. changed from Norf to Boston Y to I.M. Ny - Repts retain spare propellers at NY pending further instructions. 2-27 copies to I.M. Norf- Comdt Boston- S.O. Ny CO. and operations. 2-27	
400599	3-6	CO	Repairs to Lubricating oil pumps main condensers valves etc. Y To Ports- Lists items auth to be done during present visit. Copy to CO.	
299487	4/9 5/20 5/21	Panama Canal Fwd Atl Flt RB 5/25 To S&A RB 5/28	PIT MEURG SOUTH DAKOTA FREDERICK lists matl in store canal zone for Y	542-8

1017

SOUTH DAKOTA: MACHINERY PLANT GENERAL.

Number.	Date.	From or To—	Subject.	
260718	11-15	To Pug Sd & M Is. Ports Operations O&A	Transfer of work to Ports from Pug Sd and M Is. Y To Pug SD Gives further directions for transfer of job orders to Ports. 12-14	
264556	10/15	Pacif Flt	Was report of inspection of Fleet Engineer - Y Fwd Dept-12-4	
264771	11/13	OO	Repairs to ice machine, dynamo engine, pump, indicators, piping etc - Y	
268376	12-18	Ports	& FREDERICK: SAN DIEGO: HUNTINGTON - request complete sets of machy plans - D	145-8
280402	1-27	CO	Modification to boiler sets install telephones. Y. To (T) - Items one and two & 14-4-2 CO (T) request notice of action taken - 10/30-Y Ports - rest verification of ship mentioned Bu's message 11th. 4/11 in case of fire 4/7-11	
280679	1/21	CO	Request repairs to valves, pumps, time firing devices, evaporators. Y	
283946	2-23	Cruiser Force T	SOUTH DAKOTA - ordered to Ports about Feb 25th. for repairs. A	
299487	4/9	Panama Canal	Pittsburg, South Dakota, Frederick - lists material in store canal zone for 7 Y	166-8

SOUTH DAKOTA: MACHINERY PLANT GENERAL

Number.	Date.	From or To—	Subject.	
287480	3-8	Operations	Repair limit April 15. Y	
288306	3/6	CO	Repairs to pumps, dynamometers, etc. Y	
295553	3/30	CO	Request repairs be authorized (no lists attached) - Y	
296446	2-12 4-6	Panama Canal S&A	A. FREDERICK - fws bill for work done. K Fwd S&A 4-12	
V328365	7/17	CO	Repairs to engines, lathes, boilers, dis- tillers, etc - Y	407.4
321455	6/29	To Chas	SANTIAGO & SOUTH DAKOTA - F ds vandyke prints - complete set vandyke prints of machinery of the vessel	689-771

SOUTH DAKOTA: MACHINERY PLANT: GENERAL.

1918

Number,	Date,	From or To—	Subject.	
191162	6/13	Pug Sd	WEST VIRGINIA undocked June 13th; SOUTH DA- KOTA follows	477-8
200394	9-23	Operations	Fleet requested to name date when available for repairs. Y	
200541	9-23	Dept	Material inspection to be held Pug Sd. Y To Sd L&S—No correspond re engineering work on which action has not been taken. 10/10	
200831	9-26	Pug Sd	Tubes of two boilers and 2 auxiliary condensers require renewing. Y To—(1) Obtain material from M. Is for repairs; wire if and material required. 10/4 Pug Sd gives boiler material required 10-10 To—Bost shipping two 3,500 boiler tubes. 10/12 To S&A—Request shipment of two 3,500 boiler tubes from Bost to Pug. d. 10/12	
2				
203350	10-9	Dept	Military inspection. W Fwd Dept via C&R Ord S&A M&S—With comment on boiler retubing. 10/30 ~~11/17~~	
209492	12/22	Pug Sd T	Request approval for certain items, report Sd L&S prior to receiving estimates. Y Fwd Dept—12/27 no 12-29	

SOUTH DAKOTA: MACHY PLANT. 408-8

Number.	Date.	From or To—	Subject.	
210494	12-30	Pug Sd	Report of board survey and estimates. Y To—Esta excessive. Reqt details of.	1/18
210494	12-7	Bd I&S	Material inspection. Y Duplicate from Bd I&S: particular reference to condition of boiler pitting Fwd Dept--1/15 Fwd Dept--With detailed recommendations. 1/19 Rd-30 Pug Sd submits estimates 1/25 To Pug Sd--Fwds Corres giving action. 1/30 To Pug Sd--Appvs ests 2/1 Pug Sd & HULLING ON in view of disappv plans and estimates for radio compass will not be made up 2/27	
213462	12-1 1-29	CO Pug Sd	Request repairs to steam gages, and pneumatic hammer. Y To Pug Sd--Work aith. 2/6	
208320	3-2	CC	Request misc machy plans to replace those worn out. Y. To--Fwds blue prints as listed. 3/21	
218056	3/20	To Pug Sd T	Directs furnish ship any material urgently needed for repairs. Y	408-21
222844	4/10	Pug Sd	Fwds machiner plans .D	
234720	4/24	M Is	Ready for sea 4/26 Y	
259902	11-10	To Dept	Designation of temporary repair yard. Y	

1914

SOUTH DAKOTA: MACHY PLANT.

Number.	Date.	From or To	Subject.	
135190	9-24	Dept	To be overhauled at M. Is in lieu of Pug. Sa. Y	
136655	10-1	CO	Sub its list of repairs to be done by ship force. Y	
136731	10-3 10-12	M. Is C&R	States certain galley work auth by SE under C&R. Y To M. Is Via C&R-- Cancels previous auth. 10/14	
137130	10/16	Dept	Repair limit Dec. 31st	774
140791	11-9 11-30	CO Phila	Repairs to searchlight, motor generator, oil filters, flat iron, etc. Y	
143024	12-24	Dept	Repair limit Jan 12. Y	
✓ 151993	4/10	Dept	1915 OF CHARLESTON: asks suitability for relieving SARATOGA as Flagship, Asiatic Sta. Y To-- Rec CHARLESTON in preference to SOUTH DAKOTA. 4/10	
153154	4/12	C&R	& CHARLESTON: relative to availability to replace SARATOGA: directs in future, when work is recommended by Bu that Dept's special attention be invited to the fact that such work is necessary for the safety of the vessel and should be undertaken before vessel goes to sea	153-8

SOUTH DAK: MACHY PLANT 408-8

Number.	Date.	From or To—	Subject.
153973	4-27	Dept	Report of inspection. Y Retd Via Ord-S&A-- Noted 5/5
159628	6-23	CO	Reports methods taken for care, main' enance, operation of ice machine, distillers.. Y
169346	10/16	Dept	Military inspection; fwsd report. Y Retd Via C&R-Ord-S&A--Noted. 10/26
176099	1-12	Dept	Will be retained with fleet until Feb 1. Repairs at M. is to start that date. Y
179493	2-18	Dept	Repair limit Apr 6
186185	4-28	Dept repairs. Y	Repairs air compressor, and other urgent r
187074	5-6	Dept	Repair limit May 2 Y
187198	5-8	Dept	Repair limit May 27
188866	5-12 5-18	Pug Sd Dept	List of work being under undertaken. Y Fwd Dept--Noted. 5/25
190452	6-9	Dept	Copy of instructions to Pug Sd to complete repairs to propeller shafting, etc by July 4. Y

1912

Number.	Date.	From or To—	Subject.
✓ 77269	8/1 8/26	CO M.Is. 8130	Repair main condenser, bilge pumps; lag main boilers; repair uptakes, etc. Y (T-To M.Is. auth. see 77267) Fwd Dept 10-5 H.B. 10-9
✓ 78547	8-1 9-10	CO M.Is. 8618	Repairs main engine, shafting, reversing engine, side and cross boxes main boilers, refrigerating plant. Y TO M.Is. instructions. 10-5
78555	8-23 9-10	CO M.Is. 8616	Repair main engine, renew 4" tubes of boilers. Y TO L.Is. appvd. 10-5 M.Is. corrects. 10-11
✓ 78597	9-4 9-12	CO M.Is. 8667	Repairs to piping and distillers. Y TO L.Is. appvd. 10-5
✓ 82496	10/26 11/6	CO M.Is. 10404	Repairs to compressor, crosshead ice ma- chine, ice machine boxes, and lagging main boilers Y
86507	12-17	CO	Report of new CO. Y Fwd C&R. 1/4. 1911
✓ 87863	1-2	CO	Reports on readiness for battle. Y Require additional searchlight mirror. Y Fwd Dept. 1/21.
87925	1-17	CO	Report of new CO. Y Fwd Dept. via Ord. 1/20.

SOUTH DAKOTA: MACHY PLANT. 408-8

Number.	Date.	From or To--	Subject.	
✓ 106778	9-16	CO	Alterations to blower engine, main boilers, change location of evaporator traps, install new Warren pumps in fire room.Y Fwd M. Is. for est. and rec. 10/10. 11-6 Fwd Dept. with rec. 11/11 11-6 To M. Is. instructions. 11/14	
✓ 111459	11-28	Dept	Repair limit Dec 24.Y	
			1914	
120003	3-13	Dept	22397-83 Material inspection: fwls.Y Fwd Dept via Ord and S&A. 3/16.	
✓ 129330	7-8	Dept	& WEST VIRGINIA: directs material inspection.Y	
129625	7/10	Dept	& WEST VIRGINIA: copy of instructions to M. Is. and Pug. Sd.	477-8
✓ 132917	8-24	Bd I&S	Material inspection: fwds.Y	
133404	8/14	M. Is.	Report of Survey and Estimates.Y Fwd Dept-- Recms. 9/18 RB & 22 app'd To-- instructions. 8/23 RB & 22 app'd	
134884	9-11	CO	Lit of repairs to be done by ships force. Y	
134929	9-19	Dept	Available for repairs Pug. Sd.Y	

Number.	Date.	From or To--	Subject.	
43163	7/8	M.Is.	& CALIF. RMIA: reports insp'n of machy. work required on boilers, evaporators, etc	147--8
✓ 43858	7/10	M.Is. 6524	Estimate for suction piping, aux. feed pump, check valve on steam drain line, valves for double effect evaporator plant, provide forced lubrication. Y To---Appd. 8/10.	
44035	7/11	M.Is.	CALIFORNIA: report of Board on: S. Dakota: main engines, etc boilers, etc	147--8
✓ 44433	5/22 5/18	C.O. M.Is. 6805	Extend umbrellas on four stacks, change discharge of steam drain line, change design of device for turning down commutators. Y To---Is. Appd. See 43858-408-8. 7/10.	
✓ 44838	4/10 7/21	C.O. M.Is. 6925	Repairs to main engines, boiler doors, ash pans, pumps, piping, repairs to searchlight, armatures, gen. sets, etc. Y To M.Is. a. p. d. See 43858-408-8. 8/10.	
✓ 45838	7/17 & 28	C.O.	Alterations to piping connections, fire main, aux. injections, counter bore, h.p. cylinder cover, true up cross head pins, followers valves, retube evaporator coils, and renew distiller discharge. D To M.Is. Appd. 8/14.	
✓ 45874	7/17 8/3	C.O. M.Is. 7281	Estimate for installation of pipe connections fire main, rebore h.p. cylinder, etc. D	
✓ 47285	8/18	M.Is. 7942	Repairs to armature ventilator & blowers; install forced lubrication both main engines. Y And C.R. 8/28.	

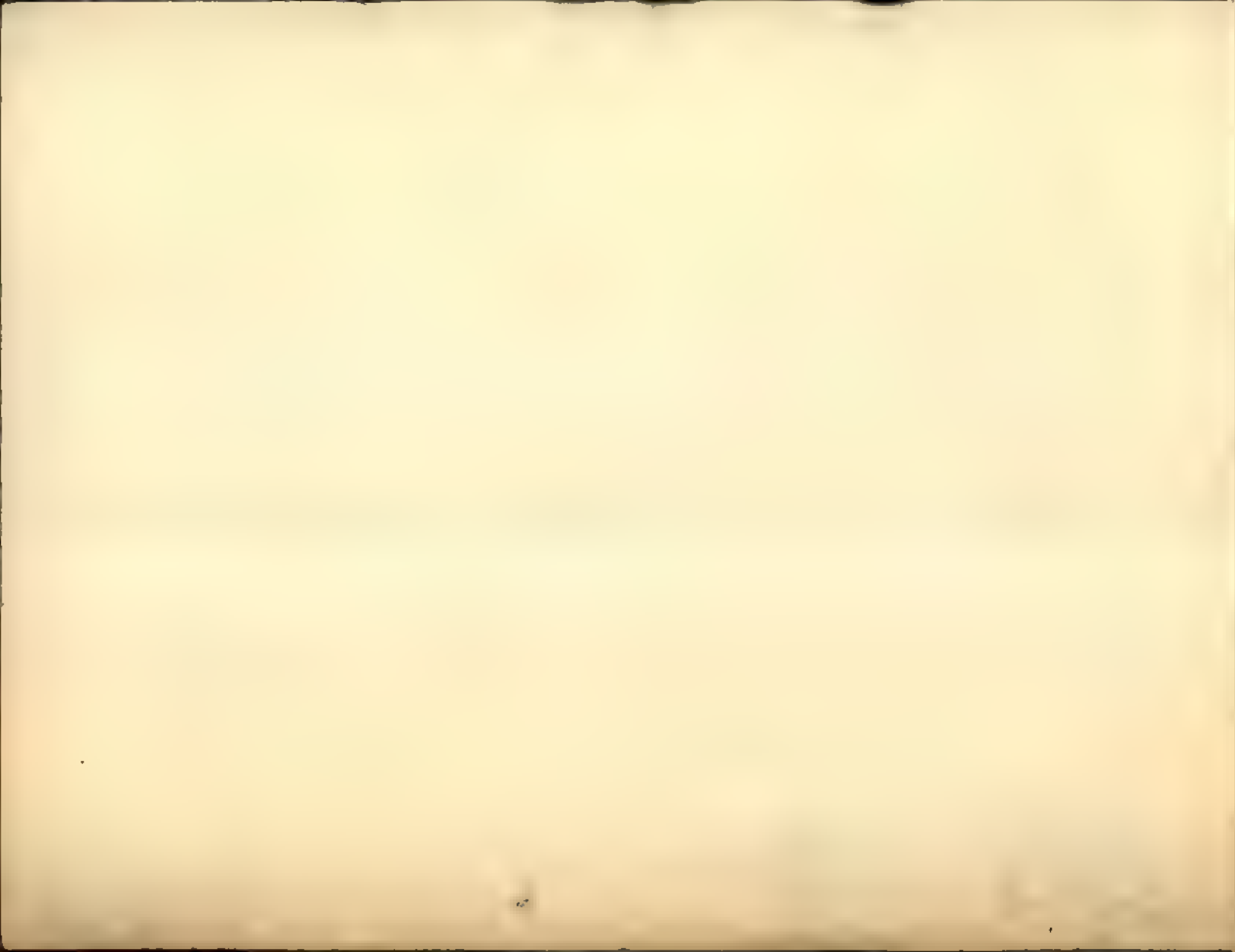
SOUTH DAKOTA: Machy. PLANT. 408-8

Number.	Date.	From or To—		Subject.
48252	9/6	C&R	21447-E.321	Repairs and alterations; submits corres: with M.I.s. covering those under C&R involving S.E. Y-L Ref. Dept. approved 9/11
				1912
69430	4-5 5-20	CO Dept	22397-E.39	Reports on readiness for battle.Y-L Fwd Dept. via Ord.5/23.
✓ 70843	6-8	Pac.Flt	T	Speed trials discontinued due to breaking of valve stem, main circulating pump; stbd engine l.p. valve stuck, windlass engine needing repairs; gives result of CALIFORNIA speed trial. Y
J 75698	7/11 8/13	CO Dept.	22397-44	Readiness for battle; reports defects. Spare searchlight mirrors, propellers, steam winches etc. Now enroute to Lare island for repairs.Y R.f. Dept. via C&R &c not desire to supply spares - are arranging to carry stock at yards 8/16
76317	8/21	M.I.s.	T	Requests authority to proceed with urgent repairs.Y To-(M) auth. 8/22
77122	8/23	M.I.s.	8087	Submits total estimates of work on vessel.Y Fwd Dept. reqst. appr. 9/5. R.R. 2-2 to M.I.s. asks date of completion 10-5
77267	8/1 8/26	CO Eng. Sd	8126	Alterations in water service line main engines, fit Johnston Nolan blow valves on all boilers, fit zinc boxes in injection sections. Alter elec. control of searchlights to hydraulic or mechanical. 0 T-To auth 9/9

SOUTH DAKOTA: MACHINERY PLANT: GENERAL:

FILE No.	From or To— (Dated)	Subject.
✓ 36689 4/10 4/20	C.O. Dept	Reqt. repairs to main engines: pipe, boilers, gen. sets, indicators, telephone circuits, etc. Y Fwd Dept via CDR. Rec artr. 4/21. RB 5-3a'ppd Fwd Dept. Item 39 should be applicable to CALIFORNIA. 5/4. RB 5-11a'ppd Fwd M.Is. 5/11. RB 5-17
40326 5/28	Pac.Flt	Wkds reqt. for extending umbrellas on smoke stacks, change discharge of steam drain lines from channel way to main condenser in both engine rooms; change design for turning down commutators of 100 kw generator, etc. Submits prints. J&L
41074 6/8	Dept 23397-24	Report of inspection held in April. Y Fwd CDR. 6/19.
41716 6/20	Dept	Quotes letter to Mare Island Yd. rel to repairs and overhauling: total cost not to exceed \$200,000. including indirect expenses. Y
41765 6/21	Dept	Available for docking and repairs for period of 75 days: installation of cage masts, rearrangement of bridges, and forced lubrication to be undertaken, in connection with other work. Y To M.Is. Instrns, see 41772-494. 6/22.
43151 7/8	M.Is.	& CALIFORNIA: auth. alterations & urgent repairs to be completed 60 working days: except forced lubrications, 90 days. reqt instructions

147--8



1922

1916

SOUTH DAKOTA: MAIN ENGINES: ETC.

Number.	Date.	From or To—	Subject.
✓ 197341	8/17	GO	Alterations to drains from steam seal packing on main engines. Y TO -- via Reserve Force; auth 8-24
✓ 211845	1-11	Pug Sd	Steam seal packing for main engine piston rod: fwds plans. D To--Plan Appvd. 2/1
259540	11-9	To S&A	Reqt shipt of one spare crank shaft from Canal Zone to Boston or NY. Y
259539	11-9	To S&A	Reqt shipt 3 spare starboard propeller blades 4 spare port from Canal Zone to Boston or NY. Y
261450	11-17	To Midvale Steel Co.	Fwds sets of blueprints of Crankshafts. D FREDERICK SOUTH DAKOTA SAN DIEGO. D Midvale Steel Co- relative to furnishing crank shaft - fwds sketch - D
326421	7/12	Phila	~~A SOUTH DAKOTA FREDERICK~~ ~~crankshafts-asks who will do necessary boring~~
Norf-1369	10/11	To Nor.	Asks if shipt cylinders for USS SO DAKOTA made.

Number.	Date.	From or To—	Subject.	
267157	11-11	To Portsmouth	Repts re above tto be manufactured at once, D	
35467	12/4	Phila.	SAN DIEGO & SO. DAK. Status of crank-shafts. Yaw.	129
35467	1/7	Phila.	Crank shaft, for main engine, CO - 129 delivered, not yet made, Y	
✓ 422742	6:2	JAG	Report of Bd of Investigation to inquire into pumping overboard approximately 2500 gal. of forced lubricating oil Y Fwd Navgn. 6-4 JAG 6/12 Findings of Board. Y Fwd Navgn. 6-17	
429095	6/27	Phila	Req. prts of crank shaft forging for San Diego and SO. DAK. d.	408-8
445529	8/28	To SOUTH DAKOTA Phone	CO asks if crank shafts could be shipped by sculler: our income transfer to Operations as under cognizance of Y. to Ports-Phone in re to transportation of material on land for South Dakota 8/27 21 to	408-8
463130	12:6	CO Fwd Olongopo. copy to CO.12-17	Spare main engine crankshaft-asks if should alter to be used for forced lubri- cation.Dak	

SOUTH DAKOTA: MAIN ENGINES: ETC.

Number.	Date.	From or To—	Subject.	
✓ 44327	7/12	M. Is. 6595	Suggest: ons. for change in forced lubrication MHS prints. D To—Directs estimates and detail drawings be submitted. 7/27.	
47119	8/18	V.C.O.	Repairs to bearing caps, etc. main engines in connection with installation of forced lubrication system. YD	
47285	8/18	M. Is.	Install forced lubrication both main engines 408-8	
47492	8/18 8/23	C.O. M. Is. 8105	Alterations to main bearing caps, etc. Y	
49172	9/28	M. I.	PACKING: L.I. piston rod: estimate for installing reducing valve to steam seal connection.	693
53668	11/7	M. Is. 10980	Forced lubrication system: fwds prints of main engine casings in connection with together with statement of actual cost. Y-D	
✓ 56341	12/30	C.O.	Forced lubrication system: reports defects. D 1912	
58967	1/5	Pacific Fleet	LUBRICATION: fwds reports of:	683-4
✓ 73497	6/9	CO	Reports starboard engine disabled: will require new packing, and draw filing of valve chest and balance ring. Y	

SOUTH DAKOTA: MAIN ENGINES: ETC. 408---9

Number.	Date.	From or To—	Subject.	
77352	8/23 8/29	CO M.Is. 8135	Submits estimate and print for new piston rings for H.P. cylinders -- alterations from present pattern.D (T) to M.Is. Solid rings authorized.9/5.	
78329	9/11	M.Is.	PACKING. Cook's, estimate for fitting	693
✓ 79870	9-28 10-2	CO M.Is. 9254	Alterations: installing steam seal connections to piston rod stuffing boxes in connection with Cook's packing.D. T - To M.Is. appd 10/10	
79874	9-26 10-2	CO M.Is. 9302	True up l.p. piston follower.Y	
✓ 90884	2-15	M.Is. 2064	1913 Estimate for overhauling spare crank shaft.Y	
102964	8/4	To C.Lee Cook Mfg Co.	& Cal. req. forward to M.Is. Vandyke of double metallic special steam seal L.P. rods packing.	147--9
✓ 110043	11-1	M.Is. 11320	Spare metallic packing for h.p. piston rod: f.w.d. reqn. and submits estimate for mfg at yard providing Bu. waives instructions that all packing be purchased.Y T to CO via M.Is. directs submit report after using.11/12	
179386	2-10 2-17	CO O&R	Relative to using paint tanks for lub oils.Y Fwd O&R--2/19 To CO--Auth installation of tanks.2/19	

FILE No.	From or To-- (Dated)	Subject	
V 35014 3/30	TO Pug.Sd.	Directs submission of estimated cost and time for installation of forced lubrication. D To M.Is. Auth. 4/5. Specs. not received. 5/8.	
37115 4/27	To Dept	CALIFORNIA & OTHERS: Rec approval of setting of receiver safety valves on steaming trials. 147-9 1st 12 1/2 lbs. D R.B. 4/28 arpd.	
V 38665 5/8	M.Is. 4314	Forced lubrication; recd. that pumps be manufactured at Boston. D To -- pumps were ordered 5th ult. 5/15.	
/ 41715 6/14	M.Is. 5232	Actual estimates for installation of forced lubrication of main engine. D To -- arpd. 6/26.	
41748 6/14	M.Is.	Revised estimate for: Dept approves	280--9
V 42312 6/27	M.Is. (T)	Reqt authority to purchase forced lubrication pumps on reapp. owing to fact that those being built at Boston will not be used in time: states six can be obtained from Pow Pump Co. for about \$2,700. D Pwd 32A via Dept. 6/28. R.B. 6-28 arpd Rec purchase of six Pow pumps. To 33st. 10/17 of six pumps ordered in 35C11-472-19 is not under way; order is cancelled. 6/28. (T) to M.Is. purchase auth. 6/29. Will comply with instrns. Boston. 7/3 rect. instrns. re disposition of duplicate pumps from Bost. 10/17 To --- Hold in store. 10/26.	
43511 7/14	To M.Is.	& Maryland: recd dimensions of l.p. piston rod in connection with new packin.	280--9
43977 7/19	M.Is.	& Maryland: gives diameter of l.p. pistonrod	280--9



Number.	Date.	From or To--	Subject.
502875		<u>SEE CARD 5</u>	✓ To Cavite Ice machine dumbbell Ask for report of receipt of dumbbell 11/5 12 408-13 118913
530416	5/12	(X)	Protest against charge for dogs for boiler casing doors- nec to allow 10.0 addtl under title of allotment on account of. BY To C.I.C Asiatic Fleet- cc Cavite- CO 7/15 Fwds Opers via S&A 7/15

[illegible]

NOV. 1918; 201-3-1918.

Number.	Date.	From or To—	Subject.
363832	11-9 11:16	To Ports CO	Request inf re arding lower engine cylinder for D-R Ports - lower engine turned into store 1/3/19 To S&A req ship from Ports to CO blower engine cylinder 1-14
363839	10-25 10-28 fwd Ports 1/2/19	CO Atl. Cruiser RB 1:27:19	Request repair shells of evaporators and flame plate baffles Fwd. CO 12-17 CO Dec. 20 list work completed at Factory S
372867	11/23	CO	Repairs W T doors in boiler rooms. To C&A, re urgent repairs, 11-30
375635	11-26	CO	Repairs evaporators, flame plate baffles and distiller
377139	12:11	NorF	Req. vandyke showing diameter of evap. D To Norf. Fwds. vandyke 12-16
394984	3:17	T	Shipment order RB 5:24

408 - 10

Number.	Date.	From or To—	Subject.
455689	11/3	M Is T	Cavita has requested lower front cross heads for boilers - none in stock at Yd - reqst Bu. take necessary action - Y To Cavite (T) - Five cross boxes shipped this date from East Coast Yard. This comprises total stock. Will this cover emergency. Advise Bureau. 11-4 To S&A - Reqst shipment one cross box from So. Brook to Cavite, 11-5 RB 12/2 To S&A - Reqst shipment cross boxes from Boston to Cavite, 11-5 RB-12-26 Cavite (T) shipment of 5 cross bars satisfactory - Y FSB 11-15 To S.O. Mis. copy to Cavite and CO. Advise disposition of material and trans-shipment data. To - Advise re receipt and disposition of material. copy to Cavite and CO. 1-17 RB 2/2 To Cavite - reqt info re shipment order - 2-26 RB 5/24 To Cavite - reqt info re shipment order - 2-26 To CO - Adv when material listed received 5-29. CO HURON 7:12-Y
492206	5:7	MMIS T	Request immediate shipment of boiler headers none available at yard. To (T) - Headers for reqted shipped from Pug Sd. shipment order this date. 5-8 RB-9:29 To S&A - Reqst shipment headers from Pug Sd to M Is. 5-8 2736. RB-11:3 Reqst shpmt of mat from Ports to Pug Snd 5-8 3495 Y To CO - Advise re receipt and disposition of material. copy to Cavite and CO. 1-17 RB 2/2 To Cavite - reqt info re shipment order - 2-26 RB 5/24 To Cavite - reqt info re shipment order - 2-26 To CO - Adv when material listed received 5-29.
502876	7-6	To S&A.	Reqst shpmt of mat from Ports to Pug Snd 5-8 3495 Y To CO - Advise re receipt and disposition of material. copy to Cavite and CO. 1-17 RB 2/2 To Cavite - reqt info re shipment order - 2-26 RB 5/24 To Cavite - reqt info re shipment order - 2-26 To CO - Adv when material listed received 5-29.
504534	7:10	Pac Flt	Vessel will require 15 cross boxes within a year - request for be shipped to Cavite To HURON via Asiatic Fleet - rel HURON B&W boiler spare parts 8/11
502321	8:13	Asiatic Fleet	Reasons for asking spares for boilers. Y 408-21

4 ✓

SOUTH DAKOTA: BOILERS. ETC.

Number.	Date.	From or To--	Subject.	
204441	11/10	Fwd Bd I&S	Report on material. For use of board in connection with material inspection to be held on vessel. Y	
	VOID	SEE CARD 3		
207031	1/15	Fwd Dept	Concurs with "Bd to Inspect SO. DAKOTA" that retubing of boilers is not necessary.	that 774
		DL7		
210494	1/15	Fwd Dept	Ditto	408-B
211727	1-8	Pug sd	Additional reserve tanks; fwds vandydes. D	
212736	1-27	C&R	Additional reserve feed tanks, piping for should be of steel on account of proximity to bilge. (Cross 15) To--Comments on. 1/31 C&R additional reserve tanks; authorizes 2/2 To--Se will do work under its cor. 2/5 To--Pug sd--Directs steel tubing with iron flanges be substituted for copper pipes with brass flanges. 2/5	
217826	3-13	10 Union Iron Wks	Rest cost and time for furnishing four spare reinforced draft blower engines	147-10

SOUTH DAKOTA: BOILERS: ETC. 408 - 10

Number.	Date.	From or To—	Subject.	
243655	8/14	CO Copy	Request shipment of flame plate bricks, asbestos blocks, etc for boilers Y Fwd S&A—8/16	
255564	10-20	To S&A	Reqt Shipt 3 front & 3 rear evaporator heads from Pug Sd to Norf. Y	
258136	3-7	CO T.	Reequest material be assembled at Port. Y.	147-10
287533	3-9	To S&A	Reqt shipt of misc material from Norf to Ports. Y	
Phone Ports-Bu regeted informati re discrepancy between boiler material reported received and from Norf and received at Ports. Shipment order dated March 9 RB 4-18.			Phone Ports-Lists material required. 3-9 to S&A- Reqt shipt one boiler upright symbol from Norf to Ports. 3-9	
289906	3/13	Atl Flt	Phone Norf- 3-18 Phone Ports- 3-18 Norf - 3/25 - Y Submits list of boiler material reqd - Y	
315309	3-10	CO	Req get blue print of 22 boiler to CO 6-21	
✓ 328373	7/17	CO	Feed water heaters - asks if an other methods can be suggested for improving present installation - Y	407 -10

SOUTH DAKOTA. BOILERS; ETC.

1913

Number.	Date.	From or To—	Subject.
✓ 108112	10/77	Mare Is. T	Submits estimated time for installing new evaporators and renewing tube sheet main condenser. Y (T) To- Reqt time by working shifts. 10/17 Fwd Dept via C&R. recd appr. 10/18
✓ 110589	11-17	Dept 22397-E. 71	Ordered to M. Is for completion of work on evaporators. Y (T) to Mare Is. directs proceed with work. 11/18
111243	11/20	CO	Requests internal feed piping be changed. Y (T) to M. Is. not to delay movements. 11/26 Fwd Dept. request appr. 11/26 RB 11/26
✓ 111226	11-24 11-25	M. Is Dept T	Will complete work Dec 18; working shifts but not Sunday or Holidays. Y Fwd Dept via C&A & ORD 11-25 RB 11-25
113569	2-19	M. Is 13015	Internal feed piping; submits estimate. Y To estimate excessive; recover special report on cost of installation. 1/14
118032	2-13	M. Is 1676	4 DENVER; MARYLAND; submits estimate for alterations internal feed piping and scum pans. Y
159628	6/23	CO	Reports method taken for care, maintenance, operation, of distillers
161375	7-27		
161375	7-27	Norf R	Have issued boiler tubes for to DEL

SOUTH DAKOTA: BOILERS. 408-10

Number.	Date.	From or To--	Subject.	
177110	1-17	CO	Flame plates B&W boiler: necessary to renew: Recommend substituting plates shown on Company prints. Y To via Pac Res Flt--Appvs./1/28 Fwd Pug Sd--1/28	
197189	8-19	S&A	M. Is request authority to issue 2,000 boiler tubes; granted by Tel. Y To CO reqt additional information 8/22 Bdtd S&A 8/22 CO fwsd copy of correspondence relative to boiler tubes; reports on number of tubes already renewed 9/1	
199862	9/25	Fwd Dept.	Recommends that a material insp. be held to determine necessity of retubing boilers of the SO. DAKOTA. 9/25	
200831	13/10	Pug Sd	Gives boiler material required	408-8
204441	10-27	Pac Reserve Flt	& MARYLAND; recommends workin on boilers be expedited on; all other vessels of armored cruisers, boilers in good condition; submit list showing thickness of headers and tubes required. Y Fwd Bd L&S--11/10 RB 2/20	
217826	3-13	To Union Iron Works T	Reqt cost and time furnishing four spare forced draft blower engines and fans complete on and SOUTH DAKOTA.	147-10

SOUTH DAKOTA. boilers, etc

1912

Number.	Date.	From or To--	Subject.	
✓ 75680	7/5 8/13	CO C&R 17717-E.151	Reports taking fresh water for steaming purposes in double bottom compartments fitted as reserve feed tanks.	
77269	8/1	C.O.	Repairs, lag main boilers, uptakes, etc	408--8
78547	8/1	CO	Repairs to side and cross boxes main boilers etc.	408-8
79254	9-12 9-24	CO M.Is 9044	Boilers: renew outer side inner casings uptakes. TO M.Is. ap. 10-5	Y
79256	9-23 9-24	CO M.Is 9045	Reqt. new dusting doors for main boilers. TO -- (T) auth. 10-2 TO M.Is. ap. 10-5	Y
80127	10-3 10-5	CO M.Is 9350	Renew casing smoke pipe.	Y
81505	10-23 10-24	CO M.Is 9997	Renew headers in boilers 13.	Y
82496	10/26	C.O.	S.Dakota: repairs, lagging main boilers	408--8
			1913	

SOUTH DAKOTA: BOILERS: 408-10

1912 1913

Number.	Date.	From or To—	Subject.
89359	1-21 1-28	CO M. Is. 1055	Repair shell No. 3 evaporator. Y To M. Is. appd mfr of shell. 2/6.
✓ 99425	6-6	CO	Safety valves: have been set at 265#. D
99563	5-17 6-6	CO M. Is. 5627	Manufacture and install 3 new evaporators. Y To M. Is. appd 2-30
102436	9/26	To C.O.	Distilling Plant, evaporator shells reported in poor condition. 494 To M. Is. mfr of evaporator shells, etc. 9/26
107573	10-10	CO T	Drill test on evaporator shell not necessary; must be renewed. Y To M. Is. directs mfr and renewal (See 102436-494.) 10/13 (See 108002 of 010/17)
✓ 108002	10/10 10/16	CO Dept. 22397-64 T	New evaporators urgently needed. Dept. di- rects return to base island for installation after target practice. Y Fwd Dept. comment 10/17
✓ 108103	10/16	CO Dept. 22397-65 T	Time required for installing new evaporator and repairs to condenser. Dept. can not state for 40 days and requests telegraphic report as to necessary time for working shifts. Y Fwd Dept. rec appr. 10/18

S. DAKOTA: BOILER, feed water heater, distillers, etc.

1 ✓

FILE No.	From or To— (Dated)	Subject.	
36689 4/10	C.O.	S. DAKOTA: reqt repairs to engine, pipe, etc.	408--8
43163 7/8	M. Is.	& California: reports insp'n of machy. work required on boilers, evaporators, condensers, etc.	147--8
43858 7/10	M. Is.	& Estimate for suction piping, aux. feed pump, globe valve on steam drain line, valves for double evaporator plant, provide forced lub.	408--8
44035 7/11	M. Is.	CALIFORNIA: report of Bd. S. Dakota on Main condenser, boilers, engines.	247--8
44433 5/22	C.O.	Extend umbrellas on four stacks, change discharge of steam drain line, change design of device for turning down commutators.	408--8
44838 4/10	C.O.	Repairs: to main engines, boiler doors, ash pan, etc	408--8
61591 2/19	To C.O.	1912 Boiler tubes turned into store at Ware Island; Asks if were on board prior to establishment of N.S.A. system on Oct. 1, 1910. A Jwd Dept Reqt correction. 3-29 R L 4-10 Ret---4/11.	

SOUTH DAKOTA: AUX MACHINERY

1920

Number.	Date.	From or To—	Subject.	
479675	3/4	C&R	Directs survey 50' steamers 1619 and 2187 on board SOUTH DAKOTA Y	611-1
484009	3/25	Mare Is (T)	SOUTH DAKOTA request immediate shipment of AE engine and cylinder block for Sterling engine to Savite for; Y	611-2
496394	5/26	C&R	Copy letter to Mare Is assigning 40' steamer to SOUTH DAKOTA: Y	611-1
✓ 571550	6/5	CC	T. CO HURON (T) Serial number not known Y 7/1	
619161	4/18	C&R	Copy of letter to Ports rel to discrepancy of coats formerly on board SOUTH DAKOTA Y	611-8
626287	6/3	To CO USS HURON	Ports investigation of discrepancies in conn with power boat numbers is cc	611-100

Number.	Date.	From or To—	Subject.	
300025	4/15	USS SOUTH DAKOTA	Changes in power boat machy.	611-2
33214 ⁰ ₀	8/1	To sSOUTH DAKOTA	Correction re number of boiler and number of engine for that boiler—omission of number of engine in motor boat 4769	611
373308	11:27	CO	Report turned in of Bosch magnets at Norf. Yd. and receipt on one of Requis.	10
385799	1 2:20 1:15	CO At Cruiser	Submits report of changes in power boat machinery	
388022	1/22	C & R	Copy letter to NY requ no 408 steamer turned in by SOUTH DAKOTA	611-1
388420	1/22	To SOUTH DAKOTA	Asks submit report re C&R numbers and Bu Nos	611-2

SOUTH DAKOTA: AUX: MACHINERY

Number.	Date.	From or To	Subject.	
402562	3;13	C&R	Shp'mt. of elec. pipe balloon wrench to WYOMING.	
414902	4/30	Norf Rec Shp	Submits report of changes in power boat on board Y.	611
435539	7/25	C&R	Copy of tel to Trans art Corps, Atl Atl 1038, directing transfer 40' motor launch 1038 to SOUTH DAKOTA Y.	611-2
435637	7/26	C&R	Copy of telegram to Portsmouth authorizing issue of 35' motor boat for Chief of Staff Asiatic Fleet to SOUTH DAKOTA Y.	611-2
435639	7/26	C&R	Copy of telegram to Norf directing turn over of 35' motor boat for shipment to Portsmouth yard: Y.	611
437262	8/4	C&R	35' motor boat 14754 will be placed on board SOUTH DAKOTA for use of Asiatic Flt. Y.	611-2
442056	8;26	Atl Cruiser	Fwds reqn covering spare parts to be carried on board for Admiral's barge. Y&L cross to 611-2 To Cruiser Force-T-approved 28;27	
478479	2/28	1920 To South Dakota	Discrepancies in records- power boats	611-2

SOUTH DAKOTA: AUXILIARY MACHY.

Number.	Date.	From or To	Subject.	
228081	5-13	Pug Sd R	Re. t. auth. to issue to BUFFALO spares from SOUTH DAKOTA'S boat 1810 for 1026.	611-1
228956	5/17	C&R	New power boat allowance - Y	
259569	11-7	C&R	South Dakota assigns motor boat 3436; transfers 2857 to ~~USS SOUTH DAKOTA~~ ; directs 2098 be turned in by SOUTH DAKOTA at navy yard. Y	611-2
263859	11-7	USS SOUTH DAKOTA	Reports engine 1175, cutter 2857 transferred to Pittsburgh in exchange for Sterling engine 3370, hull 2098. R	611-2
265505	12/6	C&R	Relative to change in boat allowance - Y	
266215	12-8	C & R	Steamer 1104 replaced 1259, SOUTH DAKOTA. Y	611-1
266407	12-10	C & R	Assignment of launches 2926 to 28, 2931 to 25, 2421 to 36, to SOUTH DAKOTA. Y	611-2
268618	11-6	PITTSBURGH	Reports on transfer of boats to SOUTH DAKOTA. Y	611-2
285020	2-27	C&R.	Assigns motor boat 4769 to. Y.	611-2.
284764	2-26	C&R.	Assigns motor sailing launch C-294 to South Dakota.	611-2.

408-11

SOUTH DAKOTA: AUXILIARY MACHY.

Number.	Date.	From or To	Subject.	
285616	2-28	C&R.	Directs Boston Construct four 21' #116 to 121. Y.	611-2.
287107	3-7	C&R	KEARSARGE--launch C-292 previously assigned to be diverted to SOUTH DAKOTA--C-292 to be shipped KEARSARGE. Y	611-2
288307	3/6	RE CO	Request repairs to ~~engine~~ sailing launch engine. Y	
289034	3-11	C&R.	Launches 2933, 2934, and 2935 assigned to. Y.	611-2.
290363	3-15	SOUTH DAKOTA.	Sterling engine 3270 received from USS PITTSBURG, transferred to Ports Yard March 6th. Y.	611-2.
298944	4/13	USS S Dakota	List of boats turned in. Y	611-2
300051	4/17	South Dakota	Reports receipt of steamer 1104. 1259 turned in at Ports. Y	611-1
300322	4/23	C&R	Steamer 1259. ~~Ex~~ -South Dakota condemned for sale. Y	611-1
300322	4/23	C&R	Steamer 1259 exSOUTH DAKOTA condemned for sale. To Ports. Engine #1054 and boiler #2012 assigned to issue subject to result of survey 611-1 4/24	

SOUTH DAKOTA: AUXILIARY MACHINERY.

Number.	Date.	From or To—	Subject.	
123551	4/27	C&R	Reports transfer of motor sailing launch 1255 from PITTSBURG to SOUTH DAKOTA	611-2
123751	4/24	Pitts	Reports transfer of motor sailing launch 1255, engine CC-2154, to the SOUTH DAKOTA	611-2
126055	5/28	To SOUTH DAKOTA	Log reports same number for hull and eng; request correct report	611-1
128350	6/25	C&R	PITTSBURGH: assigns motor sailing launch 1893 in lieu of 1055 transferred to SOUTH DAKOTA	611-2
131364	7-18	SOUTH DAKOTA	Steamer 342 - reqs. same type of engine as for other boats on board.	611-1
131538	8-4	C&R	Reports transfer steamer 779 and sailing launch 1255 to Marine Corps	611
132571	8-18	C&R	Assigns Str. 1440 and Motor Launch 1674	611-
139503	11/13	C&R	Assigns motor sailing launch 1366 to SOUTH DAKOTA in lieu of M-263	611-2
146511	2/1	Mare Island	Reports installing of eng 1068, Ward boiler 2107, steamer 1440	611-1
160498	7-14	TO	re error in numbering 893	611-1
173253	12/7	M Is T	Boiler 2011 installed in 1015 condemned; reqt authority to 11/13/14	611-1
	12-8	To Pac Res Flt.	Survey #8: Ward C-2 boiler 2011 of steamer 1015; re repairs to: 12/8	

1916

SOUTH DAKOTA: AUXILIARY MACHINERY.

408 - 11

Number.	Date.	From or To--	Subject.	
181965	3/14	SOUTH DAKOTA	Transfers steamer 1440 and 1988 SOUTH DAKOTA to MARYLAND	611-1
182118	3/20	M Is R	SOUTH DAKOTA: rect boiler 2138, steamer 1015, replace condemned 2011	611-1
SO DAK 20	3/21	To M Is	Boiler 2011; repairs appvd	
182711	3/17	CO	Recommends assignment of boiler 2138, steamer 1015 to replace 2011	611-1
183361	3/31	C&R	Assigns motor boat 3857 in lieu of 40' steamer 611-2	
183359	3/31	C&R	Transfers steamers 1440, 1988, 1259 between PITTS: MARYLAND, SOUTH DAKOTA	611-1
183538	3/25	M Is	Reports issue of boiler 2138 steamer 1015 in lieu of 2011 turned in	611-1
184670	4/14	C&R	Transfer of boats with MARYLAND	611-2
188011	5/16	To CO	Asks number of engine in steamer 1988; HH engine 2211; asks number of hull in which installed	611-1
202027	10/11	C&R	Steamer 1988 transferred from SO DAK to MARYLAND, SJ DAK to ger 1259 Pug 3a	611-1
215478	2-15	Pug 3D	Recommends assigning 40' steamer 893 now on SOUTH DAKOTA to the CALI. N. M. in place 996,	611-1
216955	3-3	C&R	SO DAK; assigns steamer 1813 to replace 1015 condemned.	611-1

Number.	Date.	From or To--	Subject.	
41074	6/19	To Pac Flt	1st steamer; request number of, also boiler data.	408-8
47418	8/24	M.Is.	BOATS: recd Bureau assign g-2 boiler to steam cutter 779	611--1
51261	10/11	M.Is.	Boiler 2043 assigned replace 2042 not fit for issue.	611-1
51327	10/6 10/10	C.O. M.Is.	Authorizes issue Ward boiler 2043. for steam cutter.	611-1
✓ No #	11/6	To C.O. via Pac. Flt and Mare Is.	40-ft launches: recd 146 appd. Type E-3 engine substituted for type E, and assigned engine 537, to be supplied by M.Is.Y	
No #	11/6	To SO. DAKOTA, via Pac. Flt. & Mare Island.	BOATS: 40-ft launches: recd 146 appd. Type E-3 engine substituted for type E, and engine 537 assigned, to be supplied by M.Is.	611--1
54794	11/29	To M.Is.	BOATS: cutter 1157, assign type M engine #1051 in lieu of E-3 889, and directs type E-3 engine 537 previously assigned to cutter 1157.	611--1
79067	9/21	M.Is.	1912 Reports return engine type E-3 884 on SOUTH DAKOTA	611-1
79518	9/26	M.Is.	Report removal of engine 884, from survey and return to 1913	611--1

SOUTH DAKOTA 408--11

1913

Number.	Date.	From or To--	Subject.	
97003	5/1	S. Dakota	Reqt auth. to turn in launch boiler 2045 for repairs.	611--1
97657	5/20	M. Is.	Reqt auth. to issue Ward boiler to. to replace one turned into store	611--1
98286	5/21	M. Is.	Reports assignment of engine 2211 to motor sailing launch 262.	611--2
99353	6/12	C&R	50' steamer 1099 assigned to	611--1
102833	7/25	M. Is.	Reports installation of gasoline engine 2155 motor dory 1224	611--2
✓ 108259	10-10	CO	Condensers, tail shafts, and propellers for steam launches; in excess of allowance; reqt. authority to turn into store. Y To -- via S&A and Pare 18: instructions. 10/22 RE 10/21 Fwd S&A. appd. 11/26 P B 115	10/22
111247	11/25	C&R	Orders to issue steamer 1099 to cancelled	611--1
✓ No #	12/9	To CO via Pare Is.	Survey #5: requests information re E-3 engine 884 and C-2 sq. boiler 2070; also type M engine 929 and E-3 engine 889. Y	

Number.	Date.	From or To—	Subject.
281728	2/14	Porta T	Request further instrns relative to repairs to condensers - Y o (T)- 2-15 t
282867	2-18	Dept	Main condenser directs repairs Ports beginning March 1st. Y

[illegible]

Number.	Date.	From or To—	Subject.	
42314	6/26	Pac.Tor. Flt	PAC.FLT: finished full power endurance runs: S.Dakota's condenser failed, etc	494
44035	7/11	M.Is	CALIFORNIA: report of Bd. S.Dakota: report on main condenser, etc	147--5
48802	9/8 9/11	C.O. M.Is	Repairs to main condensers. Y To M.I. sole recn. to replace those used 9/25- to Pac. West - arrange- ments made to have tube sheet out, it assembled at M.I. to replace for Arp. Cruisers 9/25	
			1912	
77269	8/1	C.O.	Repairs main condenser.	408--8
			1913	
108100	10/17	To Mare Is. T	Asks if tube sheet cannot be renewed in time required installation new evaporator. Asks if material is on hand. Y M.Is. 10/17 (T) estimated time 20 days. Y	
108103	10/16	C.O.	Time required for installing new evaporator and repairs to condenser.	408--10
108112	10/17	To M.Is.	Reqd time for repairs to condenser, by working shifts.	408--10

SOUTH DAKOTA: CONDENSERS. 408-12

Number.	Date.	From or To-	Subject.	
110589	11/18	To Mare Is. T	Renewing tube sheet of main; directs proceed with work.	408-10
145977	2-25	To CO Via Pac Res Flt.	Submit reqn for material to cover repairs for overhaul of port main condenser. R	408-21
263921	10/5	CO To Ports- Fwds prnts. 1-14 & CO	Renew tube sheets of condensers - Y Phone Ports- Yd reported that had 2 condenser tubes sheets in stock. 12-3 To Ports- Auth ren eval of tube sheets. 12-12 CO - renew tube sheets 10/5 - Y wd Dept (Operations.) 1-8 R B 1/14 Ports - 1/8 - Y	
264749	12-1	Phone Ports	Condenser tube sheet for. Bureau asked if had any tube sheets suitable for. and if have facilities for drilling same. Y Ports 12/1 - confirms telephone conversation CO 12-7 To ATL FLT-Necessary work auth at Ports. 1-7	
280846	12/28	Atl Cruiser Force	Main condenser tube sheets - asks if any steps have been taken toward securing - Y	
281156	2-2	CO Fwd Dept 2-14 RB 2-18. Y.	Reports on defects in main condensers. Y. Phone Ports 2-14	
281384	2-13	Ports R	Request ship be left for insulation and new condenser. Y	

SOUTH DAKOTA: HEAT: VENT: REFRIG: ETC.

Number.	Date.	From or To—	Subject.
441222	8/23	Phone CO	Disapproves request for new spare crank shaft for ice machine - Y
501280	8/14	CO	Request spare crankshaft be furnished for Allen ice machine. to JCA. Recd. amt of machine spare crank shaft from Boston to CO 6-15, serial No 3398 See copy of action to FSB-8;18-Y See copy of action to H 13-9;4-Y To CO HURON Ask if shipment recd 4/13
502875	11/5	To Cavite	Ice machine Campbell Ask for report of receipt of SEE—408-16

SOUTH DAKOTA: HEAT: VENT: REFRIGERATION SYSTEMS.

Number.	Date.	From or To—	Subject.	
✓ 45839	7/28	C.O.	Rebore steam cylinder, ice machine.Y	
46396	7/28 8/7	C.O. M.Is 7493	Repairs to ice machines.Y	
47285	8/18	M.Is.	Repairs to armature of ventilator & blowers 408--8	
47547	8/1	CO	Repairs to radiators in steam lines to Bath and pantry.	408--15
78547	8/1	CO	Repairs to refrigerating plant, etc.	408--8
78664	8-2 9-9	CO M.Is 8636	Alterations: to refrigerating piping due to arrangement of room. D: 9/27 R.B. 10-1 appd Ref. cert. recs: 9/27 R.B. 10-1 appd TO -- appvd. 10-1 Fwd C&R 10-1	
82496	10/26	C.O.	Repairs, crosshead ice machine, ice making box, etc	408--8
112384	12-3	M.Is 10060	1913 Cold storage plant: submits print and est for rearrangement of (1) to changes appd-12/17	
113750	12-26	S&A 186-306	Survey on spoiled meats: recommends that ratio of cooling surface in refrig rooms be increased. D Fwd Int. Sd. for estimate. 12/30. 25 To Eng. Sd. appd. 2/27	

SOUTH DAKOTA: HEAT:VENT:REFRIG. 408 -- 13

Number.	Date.	From or To--	Subject.
113844	12-19	M. Is	Cold storage plant; work was not undertaken due to departure of ship. Y Fwd C.E. asks what alterations have been authorized. 1/6 RB 19
		1914	
		1915	
✓ 155167	5-12	Pug. Sd	Ice machine; reqt plans. D
159628	6/23	CO	Reports method taken for care, maintenance operation, of ice machine 408-8
✓ 211257	12-22	CO	Request authority to turn in comp radiator guards. Y To via Pug Sd--Grants auth to store. 1/13
		1918	
✓ 300521	4-22	Borts	Reports on condition of ice machine. Y Fwd CO- 4-30 To- Considered that the composition crosshead will be satis. 5-1 received 6:7 Fwd Borts, 6-10 RB 6-17
409763	4:2 4:8	CO Borts.	Repairs to piping and cooling coils in cold strg. room Y
		To I.L. Borts-galvanizing of pipe auth. copy to CO. 4-12	

SOUTH DAKOTA: PROPELLERS

Number.	Date.	From or To—	Subject.
✓ 399018	2:26	CO	Reports on inspection of Port propeller and broken shaft Y
✓ 399751	2:26 3:5	CO Dept	Submits report on port propeller and broken shaft Y Fwd Operations via C&R. 3-6
401684	3:10	Ports	Req. bronze studs in starboard propeller be allowed to remain Y To- Satis to retain bronze studs. copy to CO. 3-14
403140	3:15	Ports	Fwds copy of report covering insp. of starboard propeller shaft Y
403326	3:14	Ports	Port propeller shaft bearing of fwis. photos To I.L. Ports-Contract for new forward report covering Y to be placed in near future. copy to CO and CR & TR Force.
404258	3:20	At Cruiser	Copy - repairs will take 60 days after receipt of patterns for propeller hub sent to Ports. by mistake Y

SOUTH DAKOTA: PROPELLERS

Number.	Date.	From or To—	Subject.
390881	2:2	CO	Copy. submits report of damage to port propeller shaft Y Sims copy report on broken shaft 2: 2 Bacon Ports. 2-4-19 Bacon Cruiser & Transport Force. 2-4 To CO (T) - Wire definite info as soon as obtained damage and material needed for renewal. 2-10
391027	2/2	Atl Cruiser Copy	Ship will go to Ports for repairs to port propeller shaft - Y
391653	2/4	Ports T	Have four shaft couplings on hand suitable for one spare propeller shaft for ~~renewal~~ - can be cut to suit - Y
394584	5/14	Ports T	Port propeller lost overboard and shafting broken - request authority to proceed with ~~machining new shaft for~~ - Y Ports - copy - report of breaking shafting - 5/14 Ports - (T) can cast new hub upon receipt of pattern - 2/15 To Mare Island - Inform when work of machining has been completed. 2-15 copy to CO To S&A - Request ship 3 port lb propellers blades from Boston to Ports. 2-15 To Ports - Request drawing of propeller hub. 2-17 To Ports (T) - Proceed with machining port propeller shaft. 2-15 copy by mail to operations. To S&A - Request ship of pattern propeller from Phila to Ports. 2-17 Ports tel. propeller hub battery has not been recd; req. expedite del. Y
3 394584 5/14 Ports T To Ports - Inform re receipt or non-receipt of material. 3-3 (T) To Ports - Propeller hub pattern shipped from Phila by express 2-28th. 3-1 Ports submits estimate 2:28 To I.M. Ports - Estimate appvd. copy to CO. 3-4 To S&A - Advise action taken and progress of tracer. copy to S.O. Ports. 3-18 Mare Is. req. shipping instructions 4-7 To S&A - Request ship of propeller blades from Mare Island to Ports. 4-16 RB 6-20 To S&A - Request ship data. copy to S.O. Mare Island and CO. 5-31 Mare Isl 6/9			

N.S.E Form 134.

SO. DAKOTA: PROPELLERS

Number.	Date.	From or To—	Subject.
396132	2:17 3:1	Ports. Ports	Req. drawing showing arrangement of shaft casing for be furnished D
396509	2:18	Ports	Req. vandyke of propeller D
398056	2:26	Ports	Copy CO req. thru examination of starboard shaft Y Fwd Operations. copy to I.M. Ports. 2-28 Dept - directs starboard shaft be examined Dept - copy of telegram to Ports direct 2/27 examine starboard shaft - 2/27 RB 3:5:19
399398	3:1	Ports	Fyds report on examination of starboard ~~shaft~~ propeller chest Y
8 399871	2:27 3:1	Ports C&R	Tel. port ejecter strut will not require renewal Y Fwd C&R. 3-8

SOUTH DAKOTA: PROPELLERS:

Number.	Date.	From or To—	Subject.	
190380	6-9	To S&A.	Reqt shipment three propeller blades from M. 12 to Pug Sd. Y S&A blades were shipped Pug Sd 3-13 6-10	
190556	6-9	Pac Fleet R	Touched bar on Columbia River; blade port propeller bent; port tail shaft out of line; reqt docking. Y To Pug Sd--Reqt report on examination of 6/12 To P.SD reqt. report on blades removed from 6-26 Pug Sd cannot repair 9-5(?)	
191055	6/14	Pug Sd	No damage to shafting; both propellers bent. Y	
198889	9-5	Pug Sd	Propeller measurements; fwds. D	
222927	4-13	C&R	D. 3: GLACIER JACOB JONES & SOUTH DAK. quotes from hull inspections re propellers. 697	
258386	11-3	To CO	Special engineering material shipped to Canal zone; f.w.s lists.	147-14
259385	11-9	To NY (T)	Installation tachometers main engines auth. Y	
259539	11-9	To S&A	Reqt shipt 3 spare stbd propeller blades from Canal Zone to port or NY. Y	
264547	11/30	CO	Reqt spare propellers be shipped to Ports - Y	

SOUTH DAKOTA: PROPELLERS.

Number.	Date.	From or To—	Subject.
33536	2-18	Boston.	Relative to weight of propellers for. S. 629.
332626	7-3 10:51	To S&A Port	1st shipmt letters from P&S to Ports, Y To Pg Sd Via S&A Re receipt of shipmt of above 8-3 1st shipmt letters from P&S to Ports, Y To Pg Sd Via S&A Re receipt of shipmt of above 8-3 1st shipmt letters from P&S to Ports, Y To Pg Sd Via S&A Re receipt of shipmt of above 8-3
324783	7-10 Phil. mat. l. Recd. 10-18	To S&A Repts reply to 10-21.12-21	1st shipmt letters from P&S to Ports, Y To Pg Sd Via S&A Re receipt of shipmt of above 8-3 1st shipmt letters from P&S to Ports, Y To Pg Sd Via S&A Re receipt of shipmt of above 8-3
342521	8-30	To Boston	1st report on propeller blades on hand Y Boston - 9/5
356592	10:16	Ports	Submits estimate D

SOUTH DATA: PROPELLERS.

1912

Number.	Date.	From or To--	Subject.
76899	8/28	JAG 26283-449-1	Report of the breaking of starboard propeller shaft. Submits for comment as to responsibility, etc. To--A.A.G. 8/31
75740		SEE CARD 2	To J.A. specns changed to read 1/4-inch finished dimensions. 8/29.
76938	8/28	Beth. 201	Propeller shaft; requests copy of recn and print. To--Wda print. 8/30.
77014	8/29	Dept. 5511-194	Report of Board of Investigation on loss of starboard propeller. Ref. rpt. with comment 9/4
77303	9/4	M. Is.	Stern tube shaft broken five feet from forward end; tail shaft 28 feet from forward end; after end went with propeller. Time to complete 45 days. Fwd Dept. 9/5. RE 9-10
78102	9-6	M. Is 8462	Broken shaft; fws photos and makes report on. Fwd Dept. 9/17 RFP 10
78839	9-17	M. Is 8837	Propellers; estimate for supplying; will require use of blades listed as spares for each either or CALIFORNIA. To--authorizes mfr. 9/27 BLBB 10 29 Fwd M. Is. instructions. 10-30 BB 11-14

SOUTH DAKOTA: PROPELLERS: 408-14

Number.	Date.	From or To—	Subject.	
79520	9-25	M. Is 9078	Estimate for work on propellers and stern tubes, and shaft. Y	
86	10/24	Beth	Propeller shaft; reports shipment Oct. 22; gives actual weight.	629
82435	11/12	M. Is. T	Shaft forgings arrived; estimate all repairs completed Dec. 24th. Y Fwd Dept. 11/13. RB 11-16	
82990	11-11	M. Is 10568	Estimate for templet for propeller. Y	
			1913	
92267	3-6	M. Is 2840	Std propeller; reports changes due new blades. D	
96456	4/3 4/28	Mare Is. 3936 M. Is. Comdt	Spare propeller blades; reports on physical test. Requests instructions relative to the use of 100,000 lbs. manganese bronze which does not come up to specifications. Y To M. Is. suspend work on spare blades. 5/6. (1) To M. Is. suspend work. 5/6.	
99119	5-3	M. Is	Spare propeller blades; reports material used in castings failed to meet specs. under physical test; material furnished by Nassau Smelting Co. Y-S	
113748	12-29	Miller, A	Asks diameter of propeller. D To---gives date. 12/30.	

Number.	Date.	From or To—	Subject.
75740	8/13 8/14	Bethlehem Steel Co. Beth. 201	Stern tube shaft; requests minus tolerance of 2% be allowed in bore of shaft. Insp requests instructions re inspection and alignment. (Unsigned: fwd'd by C.A. Malloy.) Beth. 8/15. Contract received to cover shaft. Will direct company to ship by fast freight. To Beth. instructions 8/15
75759	8/7	M.Is. 7465	Requests Bureau purchase new shaft rough machined to within 1/4" finished size. Y
75822	8/15	Union Iron Works T	States have a blank tail shaft in stock which can furnish Govt. Y To- (T) not required 8/15
✓ 75967	8/15 8/17	M.Is. Dept.	Broke starboard tail shaft, losing after part of propeller; 110 miles from San Francisco. Y
/ 75972	8/17	M.Is. T Over	Requires new starboard propeller, tail shaft, and stern tube shaft; propeller blades on hand, hub can be manufactured. Recommends Bureau purchase shafts, and gives dimensions. D
75923	8/16	To Union Iron Wks (T)	To--auth. work & directs mfr of hub, nut, cap 8/21 Requests quote price on tail shaft, hub, nuts and bolts (T) to--Asks if have tailshaft in stock? 8/20.
↓ 76206	8/20	Union Iron Wks T	Shaft in stock not large enough. Offers to furnish hub, studs and nuts for \$800. Y To--tube made at M.Is. 8/22
76270	8/13	M.Is. 7799	Propeller shafting; requests plan. D To--fwd'd 8/22

SOUTH DAKOTA: PROPELLERS. 408--14

1912

Number.	Date.	From or To—	Subject.
✓ 76474	8/23	Midvale Steel Co. T	Propeller shaft; quotes price; shipment in 40 days. Y
	8/23	do.	Confirmation. Y Fwd Dept. 8/23
76479	8/23	Bethlehem Steel Co. T	Propeller shaft; quotes price; shipment in 40 days. Y
			Fwd Dept. with 76474.
76500	8/23	Dept.	Fwds report of Board on the breaking of starboard propeller shaft. Y
			Ref. Dept. 8/27 R & S. Tel. M.I. did tail shaft go overboard 9/4
76499	8/29 8/21	CO Dept.	Reports on the breaking of starboard propeller shaft. Y
75972	8/21	See other side To Midvale Steel Bethlehem Steel Co	Propeller shaft. reqt price. To Bethlehem Co. (T) reqt price 8/21 To Midvale Steel do 8/21
76708	8/26	Beth Steel Co.	Have received drawings and are rushing work on shaft. Y
			To M.I. order placed with Beth. 8/27 Ref. S&A 8/27
76831	8/28	Beth. Steel Co. T	Requests be allowed minus tolerance of 2% in bore of shaft. Y
			(T) to --- Allowed. 8/29.

SOUTH DAKOTA: PROPELLERS:

1912

Number.	Date.	From or To—	Subject.
63657	3-13	Pac.Flt	Reports 2 blades port bent. Y
64997	3/29	TO M.I.S. T	Propeller blades: directs expedite repair. Y
65003	3/30	M.I.s. T	Three port propeller blades shipped to Cavite March 21st. Letter follows. Y
65140	3/13	Pac. Fleet	Report on condition of ships: South Dakota's propellers need repairs, etc 494.
65336	3-16 4-2	Pac.Fleet Dept 26283-385-1	Report of Board on investigation of bending propeller: recommends and sent new blades via ELACIER. Y To Pac.Flt.comments and instructions.4/6.
65452	3-28	M.I.s	Reports shipment of those in store for CALIF and submits estimate for manufacturing additional spares for both vessels. Y To---approves shipment.4/6.
69819	5-28	Asiatic Fleet C	Have requested Olongapo to straighten propeller blades. Y To Dept. Recst. appr. 5/28. RB 6-1 Fwd Pac. Flt for information. 6/1. RB 8-3 To Pac. Flt: Auth. to turn into store appd. Also for CALIFORNIA. 8/5.
71492	5-9 8-11	CO Pac.Flt	Reports on bent propeller, etc. Fwds photos. Y To Dept. recst issue instrns for ship to bring back spare blades. 6/20. RB 11 92 instrns issued.

SOUTH DAKOTA: PROPELLERS. 408--14

Number.	Date.	From or To--	Subject.	
74505	5/27 5/27 7/11	CO Pac.Flt. M.Is.	Gives data covering two propeller blades on board ship.Y	
74760	No date	Pac Flt C	Broken starboard shaft. Y (T) To Honolulu. Asks which shaft broken. 8/2.	
74829	8/2	Pac Flt C	States break inside stern tube three feet forward of stern coupling.Y (T) to Beth Steel Co. & Midvale Steel Co. Request price. 8/3.	
74814	8/2	Dept.	Main shaft; vessel enroute to Are Island; Urgent and necessary repairs authorized.Y	
74905	8/1	Pac.Flt. C	Reports breaking of starboard shaft.Y	
74964	8/3	Beth.Steel Co. T	Stern tube shaft; can ship 30 to 35 days.Y	
75012	8/5	Midvale Steel Co. T	Stern tube shaft; quotes price and date of delivery.Y To---Cont awarded to Beth Steel Co. 8/6.	
75174	8/5 8/6	Pac.Flt. T Dept.	Will need new stern tube shaft. Y (Duplicate recd. via C&R. 8/6). Ref. C&R. 8/7	
75698	7/11	C O.	Readiness for battle, reports defects, propellers, steam winches, to	408--8

SOUTH DAKOTA: PIPING SYSTEM:

Number.	Date.	From or To—	Subject.
520140	9:30	CO T	Request authority to make alterations piping and evaporator room.D To CC (T) not granted 10-5 To CO HURON (T) not granted 11-3
520271	10:29	CO HURON copy	Request authority to make alterations to piping in evaporator rooms.D
533001	12:5	Olongapo copy	Request authority to make minor changes in distilling plant piping.D To-- (T) Authy-a-va 12-6

SOUTH DAKOTA: PIPING SYSTEM.

Number.	Date.	From or To—	Subject.
46522	7/28 8/8	C.O. M.Is 7543	Install 2-1/2" pipe connection from fire room risers to sea stools.D C.O. M.Is. Ins't. I tion Authorized. Fwd C.R. 8/18.
47118	8/17	C.O.	Renew section suction piping for flushing pump. Y
47417	8/17	C.O.	Repairs to suction piping.Y
47500	8/28	Norf. 4647	estimate for double lagging steam & exhaust piping, steering engine near magazine. Y
48923	9/8 9/11	C.O. M.Is 8827	Repair radiators in steam lines to Bath and pantry. Y
68979	3-29	CO	Reports connections from fireroom to bottom aux. injection has given very good results.D
78655	9-10 9-14	CO M.Is 8791	Re-tin copper piping for scuttle butt. Y
109803	11-3	CO	1913 Piping for flushing gun; reqt. changes; submits sketch. Y Fwd C&R 11-10 RB 11-14 Fwd M.Is. app'd. 11/15 RE 124

SOUTH DAKOTA: PIPING SYSTEM. 408--15

Number.	Date.	From or To--	Subject.
112894	10/19 12/4 12/16	CO Mare Is. 12450 C&R	S.E. work in connection with altering exhaust pipe from crew's galley coppers. Y Ret C&R. 12/22.
			1914
140266	11-18	CO	Distiller circulating pump suction line: reqd duplication of SAN DIEGO installation be duplicated without piping in port engine room. Y To M.I.S. Apprs. 11/27
			1917
212735	1/27	C&R	SOUTH DAKOTA: additional reserve feed tanks, piping for, should be of steel on account of proximity to bilge 408-10
			1918
✓ 286273	2/23	CO	Repairs to piping and ash hoist engine - Y
386685	8/7	CO	Atlantic cruiser S/S. Reqs repl com. nt of steam traps -- Y
400631	CO 2-27 Fwd 1.E. Ports. copy to CO. 3-11	CO	Portsmouth 3-6 Alter present steam line to Gally D
			1920

1916

SOUTH DAKOTA: FUEL OIL SYSTEM.

Number.	Date.	From or To—	Subject.	
180730	3/3	CO	Asks if any changes have been made in analyzing fuel oil; last delivery to Phila not handled in accordance with regulations	690-4
563069	5/10	S&A	Copy of letter to NY in connection with holding payment to CR Co for fuel oil heaters for S. DAKOTA & INDIANA in order to expedite delivery of plans - contract 49499-S	49-B-16

Number.	Date.	From or To—	Subject.
✓ 640236	7/22	CO	Report covering receipt of coal from a Chinese Co. Y
651136	10/5	CO HURON	Report on fueling of vessel F

SOUTH DAKOTA: WORK SHOP & FITTINGS:

FILE No.	From or To-- (Dated)	Subject.
✓ 29526 1/9	C.O.	Oil fuel forge and foundry: desires to submit recn. and requests name of manufacturers of Hauck's Burner and Hays Analysis Instrument. To -- Information furnished 1/21.
		1912
66953 3-5 3-16	CO M. Ia 3829	Repairs to armature machine shop motor. Y
		4913
✓ 247901 6/12 9/7	CO OUR	Repair facilities on board ship Y To-- Directs amend allow list in accordance with changes listed: 9-27 Fwd Ordnance- 9-28
✓ 277381 1/28	CO R	Request immediate delivery of six tanks of oxyacetaline tanks - gives capacity 70 Y Fwd 30 Y CO--BB--2/23 wd 2-21 RB 2-11 Y NY - request instrns as to award - 5/11
32973 6/5	To Cincin	Asks if shipt. of drills for So Dakota & Utah has been made. RS 629
740894 5-21	CO	Reports receipt of lathe
32973 9/28	To NY	Asks if machine recd by NY has been delv'd to So Dak

32973

10/17

NY

Drills SOUTH DAKOTA & UTAH -status of receipt 629

370655

11-11

To CO

Re to, internal of 1 the... as if... be... dd/11-11

So. D. fws copy of ref. 11;26 Y

32973

12/5

To USS SO. DAKOTA.

(T) Auto signal for ins/ store War. duty
duty drill press obtained on contr. 629

FILE No.	From or To— (Dated)	Subject	
35011 3/30	To Boston	& WEST VIRGINIA: etc. pumps for forced lubrication to be manufactured at	477--19
✓ 45022 8/5	C.O.	Reqt. repairs to main air.Y	
✓ 46817 8/5 8/14	C.O. M.Is 770 ^w	Repairs to main air pumps.Y To M.Is. dtd 8/23.	
46832 8/12	C.C.	PUMPS: dow. reports on breaking o. steam valve motion. suggests be issued in Confidential Bulletin.	698
46980 8/17	M.Is. 7837	Repairs to main circulating pump engine Y	
		1912	
		1913	
100380 12/8	To CO.	Grants authority to blank off half the auxy feed pumps from salt water connections; the other half from boiler connections; etc.	612-1
✓ 248570 9/11	CO R	Request immediate shipment of water end of Worthington pump To Worthington Co—(T) Ask how soon can make shipment of water end. 9/12	

465602 11:28 00

1920

Request print for Warren duplex type
steam pump.D

To Warren Steam Pump Co- Advise if can
identify pump and if so cost of furnishing
two set of prints. 12-29

Warren Steam Pump Co-submits quotation covering
prints-1;2

To CO- reqst statement that pump duplex be
verified 2/4

CO-4;10-D

To Warren Steam Pump Co-Advise if pumps furnished
for vessels listed in 1908 are as shown on
your standard plans indicated. 4-30

Warren Steam Pump Co-5;4-D

To CO via Union Fwds Blueprints 6-22.

CO HURON-2;14-D

To Asiatic Station via Union Fwds photostats 2/2

SOUTH DAKOTA: VALVES: ETC.

Number.	Date.	From or To—	Subject.	
✓ 50893	10/5	M. Is	Overhaul sea valves. Y 1912	
77267	8/1	C.O.	ALTERATIONS. fit J. Nolan blow valves on all boilers.	408--8
✓ 78078	9-6	M. Is	Overhaul sea valves. Y 1913	
209435	12-15	Pug 3d	Safety valves; fwds plans showing adjusting rings; recommended for. D To--Disarms rec. 12/29 Pug 3d (T) safety valves; valves not satis- to ship; request authority to install raised seats and new adjusting rings 3/21 To Pug 3d--Changes auth. 3/22 Pug 3d (T) safety valves altered as re- quested; result satisfactory; request author- ity to proceed remaining valves. 5/26 To Pug 3d--(T) Auth. 3/27	
PORTS NSA 460 4-9		1919 To Ports	Reqn held pending info. valves for- D	

Huron

SOUNDING: ALLOWANCE:

Number.	Date.	From or To—	Subject.
526620	11-1	To S&A 14	Request shipmt of Prop ^{BLATS} from Boston to Pug Snd 5012 Y RB 2-2/21
584849	8:1	CO	Annual inventory.Y
591000	9/15 9/17	CO Asiatic Fleet	Request condenser for Berling magneto be added to allowance list. Y To Co- Gives Action 10/24
625846	6/2	To CO	Reports of expenditures from naval supply afloat-- Ya CO 7/31 Y CO- Report on expenditures from Navy Supply Account. 8/31 Y
638763	7/13/22	CO	Annual inventory completed Y
638765	7/1/22	CO	Balance sheet Title B equipment quarter ending 6/30 Y

SOUTH DAKOTA: ALLOWANCES

Number.	Date.	From or To--	Subject.
294196	3-29	CO	Electrical allowance - fwds. RA To- Returns lists corrected in red. 4-11 CO - allowance list - gives reasons why additional storage battery lights should be allowed - 4/22 To- your reqt appvd. 5-1 CO To consist reply to reverance 5-26 CO - 9/30
317758	6-19	To C D	Listing amendments to S E Allow List R
336290	8/7	CO	Request special allotment \$55,000 - R Fwd S&A 8-14
363836	10-24	CO	Request special allotment of 5,500 cover- ing repairs to boilers electrical installation etc. RA Fwd S&A 10-31
370507	11-16	CO	Request additional money allotment Fwd S&A, 11-25

408- 21

SO. DAK. ALLOWANCE

Number.	Date.	From or To—	Subject.
378830	12:13	P S	Copy of letter Ports. Fwding allowance list RA
398 ³ 37	2:26	CO	Req. increase in money allotment covering cost of repairs. Fwd S&A. 5-3
414884	4-30	To CO	Fwds allow books for revision. Ya CO 6-15 To CO- Fwds appvd allow list. 6-28 To -ug Snd- gives instrns- rel change in allow list 9/16/22
* 378202	1/2/19	To Co	Fwds allowance book. To CO- Fwds blk k type "B" allow book for revision. 8/5. CO-fwds allow list-22:31 CO-fwds allow books-5:25-Y
467397	11:17	CO	Phanometer.Y
502321	6:29	Pac Flt	Request cross box be furnished as spares for.Y To C-I-C Asiatic Fleet Gives detld inform CC COHURON Cavite Asiatic Fleet-reqt spares be increased at Cavite-6:19-Y Asiatic Fleet-reasons for asking spares for boilers-8:13 Y cross to 10

1911

2

SOUTH DAKOTA: ALLOT A CES.

Number.	Date.	From or To—	Subject.
115211	1-12	CO	Fwds new R. To --- via Pug.Sd.appd.1/17 TO -- Fwds 5-25 To --- changes.7/22
116638	1-20 1-27	CO S&A	Reqt authority to turn in excess stock of NSA stores. R Ret CO via Pug.Sd.appd for title X. 2/6
132259	8/15	To M.Is.	Electrical material. Fans; changes.R rb 2
137942	10-14 10-21	CO S&A	Asks status of quarterly money allotment while in reserve.R Fwd Dept via Ord and Nav-- Recommendations.10/27 Fwd S&A via Ord and Nav-- 11/9
140950	11/21	CO	Reqt authority to turn in cooling coils in excess of allowance.R To via M.Is--Authorized. 12/4
145977	1-23	CO	Reqt in crease in money allotment. 3 To via Pac Res Flt-- For further in- formation. 2/2 CO gives reasons 2-13 To--Submit reon for material for over- haul of port main condenser. 2/25
164693	8-31	Pac Reserve Flt	& SAN DIEGO: MILWAUKEE: ALBANY: money allotments: r'ports vessels have been placed in reserve from July 15. Fwd C&R--Noted. 9/1

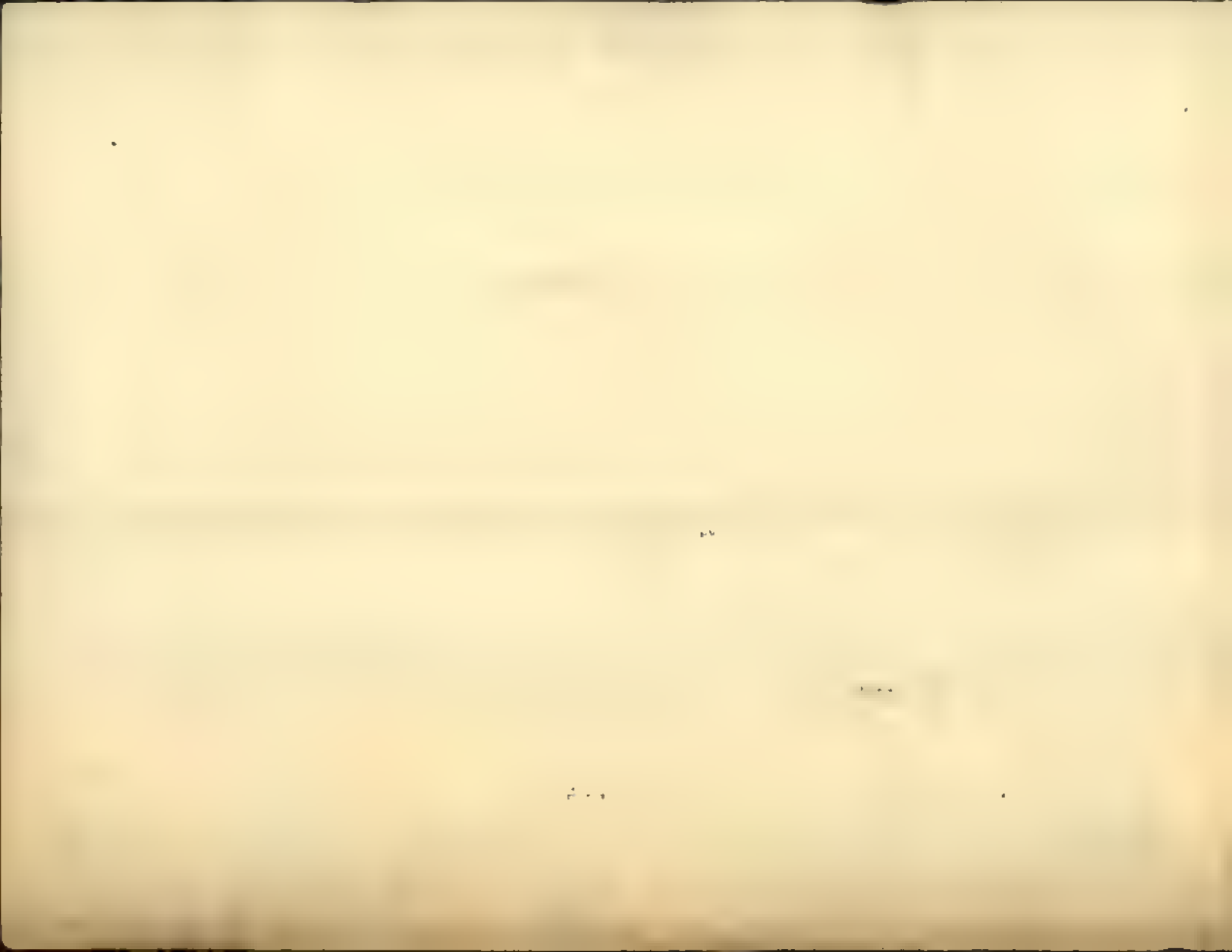
1915

SOUTH DAKOTA: ALLOWANCES: 408-21

Number.	Date.	From or To—	Subject.
179139	1-28	CO	REQUEST authority to turn in misc spares. Y To— 411vbs. 2/16
180495	2-26	CO	Reqt list. R 2a-fwds blanks. 3/4
210537	1/15	To CO	Adds pencil sharpener to allow. R CO req. parts be auth. to issue pencil sharpener auth. in allowance list 3-26
212574	12-31 1-26	CO S&A	States have not received copies of Internaiton Marine Engineering, and Engineering; S&A states not on list. R fwd S&A—1/26
213056	3-14	CO T	Request additional money allowance. R To Pac Reserve—CO should submit urgent repair letter to Comdt. 3/16 Pac Res Force (R) request reconsideration of disapproved quarterly money allowance 3/17 To PUBLO—(T) Pac Sd directed furnish material for repairs. 3/26 To Pac Sd—(T) Instrns. 3/20
228348	5/15	To	
266766	12-15 To— when may expect reply to above letter. 3-5	To CO	Revision of Elec Allow Lists. Fwds one blank copy L-R CO - submits allowance list- L & RA
278334	1-22	CO	Requests material on certain requisitions be expedized.
S&A - fwds copy of action taken on Bureau's indorsement of 2/4 - 2/9			

SOUTH DAKOTA: ALLOWANCES:

FILE No.	From or To-- (Dated)	Subject.	
35837 3/13 4/7	C.O. C&R 21447-E.319	Alterations in storerooms. Y Fwd Deft. Recd appr. 4/11. R.B. Disappd 4/18 Fwd fac. Flt. 4/18.	
51337 10/11	C.O.	Reqt copy of "Practical Marine Engrg."	746
51795 10/18	C.O.	Reamers; recommends change. R To---, S&A, & M. Is. Change made. 11/6. BLE	
68911 4-16	CO	1912 Reqt. copy of Marine & Naval Boilers for reference book. R To---Reference books eliminated from lists. 5/17.	
68978 3-21	CO	Reqt. copy of Barton's Internal Combustion Engines. R To---Reference books eliminated. 5/20.	
93280m 3-7	CO	1913 Reqt. latest edition. R. To--- being revised 3/26.	
110751 11-12	CO	Money allotment: rect. increase in. R Fwd Deft. recd appr. 11/19. R.B. 11/22 To--- appd. 11/22 Fwd SIA. 11/22	
112333 12-4	CO	Reqt. authority to turn in articles in excess of allowance. R To--- appd. 12/13.	



SOUTH DAKOTA: AIR COMPRESSORS.

Number.	Date.	From or To--		Subject.
✓ 95519	3/31	CO		Reports on Westinghouse; in good condition.D
✓ 113277	12-13	M. Is	12839	Corp air compressors; estimate for additional work. Y Fwd Ord. 12/23
124535	5-2	M. Is		1914 Corp air compressors; repairs. Y Fwd Ord by hand 5-11
185011	4-25 4-27	CO Ord	T	Repairs to. Fwd Dept-- Bu knows of no necessity for repairs to. 4/27
✓ 195932	8/7	Work		Condenser; request vandyke.D

[illegible]

SOUTH DAKOTA: INSTRUMENTS.

Number.	Date.	From or To—	Subject.	
47120	8/18	C.O.	Reqt. repairs to indicators. Y	
48049	8/18 8/30	C.O. M.I.	Reqt. repairs to engine indicators. Y	
80645	10/22	To C.O., NY, S&A	1912 G.E. Davis shaft revolution indicator; being mrd. at NY; when completed, to be forwarded to ship.	665-7
✓ 83770	11-27	Norf	& NEBRASKA: VERMONT: NEW HAMPSHIRE: re installation and repairs to Bailey counters; delivered by VLLCHAP; Asks if disposition recommended by At. Plt. is to be followed. D	407-24
87314	1/6	M. Is.	1913 Main engine revolution counters. are all fitted and read continuously ahead with engine running in either direction.	665--8
210243	12-8 12-28	CO Pug Sd	Request overhaul clocks. Y To Pug Sd—Work auth. 1/3	

SOUTH DAKOTA: INSTRUMENTS. 408 - 24

Number.	Date.	From or To--	Subject.
✓ 247359	9/5	CO Copy	Request thermometers R Fwd S&A 9/5 Fwd S&A 9/5.
✓ 254537	10/13	CO	Reqt Hayes gas analysis outfit. Y To Norf-septs that be furnished with above 10-16
295547	4/2	CO	1918 Request repairs to main engine indicators - Y
313282	3/1 4/13	CO Atlantic Cruiser	Reqt repairs to gas analysis of. S-2
335616	7-27 8-7	CO Atlantic Cruiser	Request status of repairs to two auxiliary engine indicators - Y
341125	8/1	CO	Reqt to gas analysis outfit - Y Fwd S&A 8-28 To CO, re repairs to gas analysis outfit 8-28

SOUTH DAKOTA: RECORD OF WORK

Number.	Date.	From or To—	Subject.
✓ 427366	6:18	Ports	4-15-19 to 6-15-19 Y
✓ 430711	7-1	Mare Island	Quarter ending 6/30 - Y
✓ 434511	7:1	CO	Quarter ending June 30.Y
436246	7-31	N Y	8-15-18 to 8-24-18. Y
452485	10-1	Ports.	4/15/18 to 6/15/19. Y
			-1920-
✓ 471110	1/1	Cavita	10/27/19 to 11/24/19 - Y
476861	2:1	Morl	11-24-18 to 12-20-18 Y
476152	2:1	Cavite	10-27-19 to 11-24-19.Y
✓ 562519	4:1	Cavite	Fwds cost of work report.Y Fwd 16 Dist 5/10

Number.	Date.	From or To—	Subject.
616471	2/27	Cavite	1/22/21 to 11/23/21 Y
638598	3/1	BUFFALO	Quarter ending 5/30. Y
345490	10/14	BUFFALO	Quarter ending 9/30.y
651138	11/1	CO	Quarter ending 9/30 Y

1918

✓ 2

SOUTH DAKOTA; RECORD OF WORK

Number.	Date.	From or To—	Subject.	
303618	4:27	Ports.	2/;27 to 4:15 Y	
305223	5-1	Puget Sound	July 14, 1917 to Dec 22, 1917. Y	
318889	5-14 5-18	CO Atl Cruiser	Request repairs to gas analysis of. Y	
328524	7-1	Ports	Feb 27th to April 15th.	
328335	—	CO	Quarter ending 6/30 - Y	407-25
344785	9/1	NY	8/16 to 8/24 - Y	
357109	9-2	Portsmouth	Feb. 27 to Apr 15 Y.	

SO. DAKOTA: RECORD OF WORK

Number.	Date.	From or To--	Subject.	
381691	12; 25	Norf.	11-24 to 12-20 Y	
386759	1:1	CO	Quarter ending 12;23;18 Y	
389623	1:28	Army Piers	1-18-18 to 1-25-18 Y	
391771	1/30	W A Fletcher	1/20 to 1/25 - Y	
412061	4:1	CO	Qtr ending 3;31 Y	
401972	4-17	CO	Plans drawings L	
414266	4-15	CO	12-5-17 to 12-15-17 Y	

SOUTH DAKOTA: RECORD OF WORK.

1914

Number.	Date.	From or To—	Subject.
117760	2-11	M. Is	Oct 27 to Dec 26. Y
118405	2/19	Mare Is.	Oct. 27th to Dec. 26. Y
122911	4-15	Pug. Sd	Eng Mar 31
123641	4-25	Pug. Sd	Dec 30 to Apr 18. Y
124039	4-23	Pug. Sd	ditto
137900	10-22	Pug. Sd	Sept 24 to 29. Y
152564	4-10	Pug. Sd	End Mar 31
162371	none	Pug Sd	April 1st to June 26th. Y
173317	12-2	M. Is	Dec 26, 13 to Jna 13, 15
176926	1-18	M. Is	Dec 26 1913. to July 13. 15
177693	1-25	M. Is	ditto
181391	3-4	M. Is	Dec 26, 13 to Jan 13. 15
182038	3-11	M. Is	Dec 26., 13 to Jan 13, 15

SOUTH DAKOTA: RECORD OF WORK.

Number.	Date.	From or To--	Subject.
✓ 232271	5/26	P Snd	Dec 30/16 to Apr 12/ 17 Y To Eng Sd--Reqt cost of repairing engines and boilers. 6/7 P Snd - gives actual cost 6/26 Y To Eng Sd--Reqt detailed infor as to work done. 7/3 P Snd - 7/18 Y
✓ 233073	6/2	M Is	Jan 3/15 to April 1, 1916 - 3 reports Y
✓ 236781	5/26	End	Quarter ending June 30th Y
✓ 261094	—	CO	Quarter ending Sept 30th - Y
269293	12/24	NY	12/5 to 12/15 - Y
278512	—	Co	Quarter ending 12/31 - Y
427525	6-1	NY	12-5-17 to 12-15-17. Y

~~60000 DAKOTA SURVEYS~~

1921

Number.	Date.	From or To--	Subject.
602529	10/31	Huron 18/22	Bearings, Gear, Carburetor Y
589462	8/31	CO	Wiston Y TO - Gives instrns. 10/14 Y CO - 11/22 Y
		1922	
613818	2/9	Huron 40-22	Propeller Y Two Parts 4/6 BB 4/21 Y
614351	2/16	Huron 37-22	Bucket Y
625742	4/18	Asiatic Fleet 38/22	various material Y

408-27

N.S.E. Form 134.

SOUTH DAKOTA: SURVEYS

1921

Number.	Date.	From or To—		Subject.
542457	12/14	CO	28/21	Foot warmers, Fan, Torch, Iron Y
547339	1/17	CO	41/21	Header Y
547139	1/14	CO	32/21	Gauge testing outfit Y
547190	1/14	CC	40-21	Water meter Y
547133	1/14	CO	39/21	Lide box Y
547140	1/8	CO	33/21	Lola Y
547148	1/7	CC	32/21	Valve resetting machine Y
583948	9/22	To CC		#63-21, on Bosch "armeto of "1st motor Sailer " 9/22 RB 1/3/22 Y
589482- card 2				
593614	9/12		11/22	Gear Y
593611	9/19		7/22	To CC Request number of engine 11/9 Hose Y
594521	10/10		14/22	Thermometers Y
594520	9/30		3/22	Projectors Y
				To CC- Request inform listed 11/17
598115	10/26		16/22	Gauge Y
598118	10/8		13/22	Manifold Y

SOUTH DAKOTA: SURVEYS:

Number.	Date.	From or To—		Subject.
✓ 467350	12;8	CO	14-20	Magnetic testing generators.Y
467397	11;17	CO	10-20	~~Fixin~~ Planimeter.Y
470073	11;20	CO	11-20	Elec material.Y
✓ 471604	12/4	Olongopo	11/20	Elec. apparatus.
✓ 477739	5/24/19	Porta	15/19	Ventilating set-hose and buckets.
✓ 490313	12;30	CO	15/20	Reflector and thermometer.Y
✓ 493952	3;19	CO	16/20	Turbine tube cleaners.Y
✓ 495287	3/3	CO	17-20	Various material - Y
498227	4;13	Asiatic Fleet	15/20	Pulley and steam guage.Y
498226	4;23	Asiatic Fleet	18/20	Jams for B&W boilers/Y

IDAHO

BATTLESHIP #42: CONTRACT: SPECIFICATIONS. 1914

Number.	Date.	From or To--	Subject.	
129232	7/7	C&R	Circular of requirements; fws proposed draft for comment; suggests opening of bids Oct. 3rd; plans to be ready Aug 1st	554-1
137620 137604	10/19 10/20	Dept	Copy of letter to NYS Co giving them award	554-1
139929	11-11	Dept	Fws copy of contract. D Fwd Dept--11/19	
140415	11-24	Solicitor 28513	Copy of contract NYS Co. dated Nov 9. D to NYS--Fws copy contract. 11/27 to Gen Insp-- Fws copy contract. 11/27	
140502	11-25	NYS 3389-3851	Reqt specs and copy of contract be expedited. D	
141692	12-9	NYS	Specs; reqt additional copies. D to-- Fws. 12/11 NYS fws copies 12-28	
142209	12-16	To Inspectors.	Fws copy machinery specifications. D	
142210	12-16	To C&R.	Fws copies of specifications. 12/16 D	
142211	12-16	To Nav Acad.	Fws copies of machinery specifications. D	
142212	12-16	To Yards.	Fws copy of machinery specifications. D	

IDAHO: CONTRACT SPECNS. 563-1

Number.	Date.	From or To—	Subject.
144014	1-4	NYS Co.	Returns signed specs; asks for reduction in air pressure. D To Dept--Gives above modification. 1/9
148717	3-3	NYS Co	Reqt authority to send B&W Co. contractors for boilers, copy of machy specs. D To NYS Auth granted to issue. 3/5 NYS reports delivery of specs No 87 to B&W 3-11.
153527	4/27	N Y S Co	Reqt machy specs for IDAHO be sent Warren Steam Pump Co. contractors for pumps; Insp'r recommends leaflet specs for each type of pump used be furnished in lieu of complete to subcontractors 775-1
154076	5-4	NYS	Specns: Page 10; Line 1; change word "Before" to "after". DR To-- Disappvs; comments on. 5/5 NYS reqt recon iteration 5-24 To-- Appve change. 5/27
158566	6-21	B&W	Specns: reqt. D To-- Fwd. 6/22
163263	8-4 8-12	NYS C&R	Reqt additional copy of detailed specs. D Fwd NYD 8-13 RB 8/17 Fwd C&R 8-18
474110	2;4	Insp'r NYS	Submits report covering disposition of specifications/D

IDaho: TRAILS DIVISION, INC.

Number.	Date.	From or To—	Subject.	
566237	5/26	Inspr NYS	Certified list of decreased cost of changes on-fwds.A	
597437	11/25	Pacif. Fleet Copy	Vessel completed torpedo practice. DL	
537049	8/10	N.Y. on Indiana	Various contracts covering material for battleship SOUTH DAKOTA & INDIANA fws data sheets. G	1214-1
54665	10/5	To Navigation	Authority for rep of B&W to witness trials on IDAHO DB	529

IDANO: TRIALS: PAYMENTS: ETC.

-1920-

Number.	Date.	From or To—	Subject.
487545	4/14	NYS	Fwds contra bills covering items of extra work - K
5 494373	4:2 5:18 To CO NY 4/25 NY 4/25 To Insp NYS 5/3	NY C&R Work chargeable to OVER Insp NYS	Submits report on cost of work chargeable to contractors account. D&K Fwd C&R. L-11. To Insp NYS Gives inform 4/7 Insp NYS-4;21-D Fwds report on matl shipped covering pump cylinder in connection with unfinished and unsatisfactory work at time of final trials. D To CO cc Insp Snd 11-5 To CO Request action of let 11-5 11-5 cc Insp Snd 11-5 CO-11;30-D To CO Gives action 12-14 To Insp NYS Gives detld inform 12-14 Insp NYS-12;16-D
458664		SEE CARD 14	To Pug Snd Instl tel set chargeable to Govt 12-18 D. To Pug Snd Cancellation appvd 2/18
535606	12:17 Insp NYS-3:18pD To CO Ask if shipmt made 3/25 To Insp NL 3/25 Insp NYS-contra reqt clocks be not returned 4:12-D To CO (T) Gives instrns 4/15 CO-4;12-D To CO (T) Gives inform 4/19	Insp NYS	Submits list of unsatis and unfinished work at time of final trial. D To Insp NYS Gives inform 1/28/21 To CO Gives inform re dispn of clock 4/15 CO-T-reqt repeat telegram of April 15-4;18-D

563-2: ID. NO: 721.13: NY 5/26: 1933:

Number.	Date.	From or To—	Subject.
~~552~~ 552730	3:9 3:21	Pug Sd C&R	Report of final and standardization trials by Bd 123 also estimates of work.D&F Fwd C&R 3/26
557136	4:12	C&R	Copy of letter to Pug Sd giving action on estimates of work incident to final and standardization trials.D
494375		SEE OTHER SIDE	To C&R Recommends final settlement D 5/13 To Solicitor Ack receipt of report from NY- Gives extracts-- 5/24 R-6;4-D To Inspr NYS Cost of work chargeable to contr 5/26 To Inspr NYS 6/6 To Inspr NYS 6/10 To Inspr NYS 6/10 To Inspr NYS Fwd carres listed 6/17 To Solicitor- Final report 8/4 F
555100	5:19	Insp NYS	Request copy of certified list of decreased cost of charges.D To Inspr NYS Fwd certified list of decreased cost of charges 5/24
566237	5:26	Insp NYS	Certified list of decreased cost

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[OVER]

IDAHO: TRIALS PAYMENTS: ETC:

Number.	Date.	From or To--	Subject.
459559	11:11 11:22 To Pug Sd of 12-5th. 4-17	Bd I&S Dept Fwds copy of En letter	Submits report of final trial.D To C&R- items pneumercator system under SE and will appv contractors responsibility.12-5 Fwd C&R. 12-15 C&R-12:29 Pug Sd-reqt action taken onpneumercator sys-4;10 areas to 24
461083	12-3	To General Insp'r Phila.	Changes in cost. Reqts expedite action and pass on the 123 changes. Dn copy to NYS Insp'r.
464382	12-19	Gen Insp'r	Fwds report of meeting of board on changes in machinery; have added 25% to supplementary contract covering adjustment of wages; D
464505			To Solicitor 12-24, RB 12-30; 1920
467038	1:3	C&R	Calls attention to various items on report of final and standardization trials.D To- Gives detail comment. 1-17
467037	1:3	C&R	Fwds report of Board on final standardization trials.D
469183	1-15	Fwd Solicitor joint	Change - omission of preliminary contract trials. R B 1/26 To Insp'r NYS- Fwds copy of report of joint Board on Changes, 1-27 Fwd C&R. 1-27

1928

563-2: IDAHO: TRIALS PAYMENTS ETC:

Number.	Date.	From or To	Subject.
✓ 473600	2;2	ASNE	Fwds paper on description and trials of IDAHO by H.B. Gregory-ask if satis to publish. Bwd Navy Intelligence - Bu sees no objection to publication - 2/3 Dept-authorizes publication of article-2;7
477613	2;20	Insp NYS	Fwds copy of letter to Contractors reating in future correspondence be answered promptly in order to avoid any delays. K&D cross to Compla. Ints. NYS Co & Insp NYS To NY Ship Corp 3/9 c copy Insp Mach (rel to procedure of inspection offices.) NYS Corp-3;11
478550	2;27	Insp NYS	Fwds copy of letter to Contrs in connection with items of unfinished and unsatis work. D
459664	4-23	Insp NYS	Request contractors be compelled to be more business like as regards correspondence with inspectors office. 3;4 To CO- Gives detail action and comment 4-23 on items of unfinished and unsatis work. 4-23 NYS - 5/13 - D Co-req action-3;17 To CO- Fwds copy of Bureau letter to Prg Sd giving detail action. of 1-15th-19. 3-27 NYS - submits detailed comments on unfinished and unsatisfactory work - 4/13 - D Fwds contra bills covering items of extra work - R
487544	4/14	NYS	

IDAHO: TRIALS: PAYMENTS ETC.

Number.	Date.	From or To—	Subject.
441501	8:22	Joint Bd on Changes Phila	Contractors entitled to increase in contract prices covering allowance for maintenance and insurance date of completion.D
441789	8:25	Bd I&S NYS reports on inefficient and unsatisfactory work - D 9/10	Request list of items of work under contract specs, etc which will remain un-completed at time of final trial.D To Insp'r Camene- asks if all items work include finished tracings and spare propellers have been completed 8/30 To - All work under SE completed. Fwds list of job orders. 9-9 Finished weight sheets - fwds - D To Insp'r NYS Gives inform 2/8/21 List of final report 2/10-2 sum of final report 2/10-2
443452	9/3	NYS	
444339	9:4	Dept	Appoints board for final trial.D
446215	9/17	NYS	Submits estimate of decreased cost, due to omission of prelim. contract trials - D
44655	9:20	Pag Sd copy	Recommendations concerning trial's.D To Operations- 9:22 RB- 9:23 To Operations- Gives recommendations re trials. 9-22 Operations- copy of telegram- 9:22

IDAHO: TRIALS: PAYMENTS: ETC 563 - 2

Number.	Date.	From or To--	Subject.	
446885	9/22	Bd Insp West Coast Copy	Final trials recd - guns never fired - D	
447415	9/24	Bd Insp San Francisco Copy	States all arrangements made to begin trial on 9/28 - D	
448185	9-28	CO (copy)	Will begin trials 9/29.	D
449014	10;2	CO copy	Telegraphic report of final trials.D	
452816	10-20	Inspr NYS	Submits info re unfinished unsatisfactory work and reservations in conn with final trials.	D
458654	11:15	Bd I&S see card 15	Exds report of final and standardization trials.D	
To Insp NYS	12-15	To CER. 12-15	To Haven: 12-15	
459443	11:18	12-15 copy to IS.NYS)CO- Fug 8d	B.I&S 6 Opd: 12-15	
			Exds summaries of cost of work chargeable to contractors account K&D	

IDAHO: TRIALS: PAYMENTS ETC

Number.	Date.	From or To -	Subject.
417165	4:24	CO	Reqt. standardization forms and tables M To- Fwds blank forms etd. 5-9
417040	5:8	NYS	Monthly report D
418241	5-17	Fwd Solicitor joint	Preliminary settlement.
421129	5:22 5:26	Dept D&R	Directs prepare vouchers in accordance with statement quoted covering payment of balance due under cont. D Fwd C&R. 5-27
421718	5:28	CO	Fwds copy of standardization curves and data also fuel compensation data D

1919

IDAHO: TRIALS PAYMENTS ETC

Number.	Date.	From or To--	Subject.	
424256	6;9	Ins. NYS	Contr. req. report on trial D To CO- Rec'ds fwd two copies of standardization curves to Insp NYS. 6-11 To- Notices of rec'ds for curves to be fwded from CO. 6-11	
426027	6-20	To Supt Constr-Insp Machy NYS and Joint Board on Changes Phila (joint-) Fwd Joint Board on Changes Phila (joint-) copy to Supt Constr NYS- R B 9/9 - D Fwd Solicitor. 9-10 RR-9-24 To Insp NYS-Report of Joint Board on changes 138,907.47 on account of changes. 9-25 428855 6-25 CO	Joint - Allowance for maintenance and insurance from normal date of completion. Insp NYS-joint-fwd bill of NYS Co for maintenance and insurance. General Insp Phila. 8-16 Gen Insp- submits revised estimate 8-29 Fwd C&R. 9-25 Rqst 1 bridge Meggar be added to allow- ance list.	Y
431236	7/7	Insp NYS	Subm contr estimates of decreased cost due to omission of preliminary trials. D To Insp NYS- Gives detail comment on estimates of decreased cost. 7-10	
434327	7-24	Insp Phila	Copy of letter to Erie Forge & Steel Co calling attention to unsafe work on hole in shaft for S.	
435337	7-24	Insp NYS Fwd Solicitor. 7-31 RE-10:16 To Insp NYS- Rec recommendation of Insp also v'd. 10-18	Fwds corres in connection with change in wage rates brought out by wage board- contractors reqt auth to submit supplementary estimate of cost. D Fwd General Insp Phila 10-18	

IDATO: TRIALS: PAYMENTS: 1911.

Number.	Date.	From or To—	Subject.	
404376 40	3/20	C&R	Provide additional voice tubes and install pneumatic dispatch tube between radio room and communication office - request comment.	
404490	3/20	Dept	Copy of dispatch to Phila. authorizing conditional acceptance and commissioning-D	
404813	3:22	Bd IAS C&R	Submits report of Bd on preliminary trial Fwd C&R. 3-25	D
405595	3:25	C&R	Fwd report of Bd on preliminary trial Y	
405803	3:17 3:21	Ins. EYB C&R	Cost Insp. is auditing contr. books in connection with change in cost due to decision of wage adjustment Bd (gross to wage)	
405715	3/26	GO Copy	Request orders for ves. el to proceed to NY for docking, installing propeller, and other authorized work - D	
405815	4-2	Fwd Dept via Ordnance. Fwd C&R via Ord. 4-17	Date of completion-Allow for maintenance and insurance change. concurs in recommendation of C&R. 2b RB 4:12	

N.S.E. Form 134.

IDAHO: TRIALS PAYMENTS ETC

Number.	Date.	From or To—	Subject.
406306	3:26	NY	Necessary to install Burney gear Forbes Log etc. in connection with prospective outfitting at Ey Yd D
409142	4:8	NYS	Monthly report DN
410407	4/11	C&R	Fwds copy of letter from Ordn pertaining to installation of reduced air lines to torpedo rooms, steam heaters in torpedo rooms, etc - in connection with prelim. trial-D
9 410594	4/12	NY	Copy All work contemplated on completed. CO copy sh p sailed to NY 4:13 E NY sh p left yard 4:13 NY - copy - 4/14
413300	4:22 4:23	Ins. EYS Ins. N'S	Allowance for Insurance and maintenance reports on proper date of completion DK To Inspr EYS- Nov. 9th Arrvd by Dept. 4-26
414505	5:21	CO	Req. amendment allowance list to include thermometer listed Y
415727	5-2	NYS	Rqst extension of contract time- D

Number.	Date.	From or To--	Subject.
397224	2:21	NYS	Copy of let. to trial Bd. asking definite information as to unfinished electrical work D&L
397213	2:20	NYS	Copy of letter from Trial Bd reporting inability to make out detail report on electrical work to date D&R
375182	2-26 2:27	SEE CARD Ins. NYS 9	To Inspr NYS- Repts fwd prints for use of trial board. 2-26 Dn
398774	2/26 3/1	Phila Dept	Request instrns be issued relative to commissioning vessel - D
399119	3-4 3:3 3-11 3:17	Fwd Dept via Bd I&S Ins. NYS Dept Ins. NYS	joint- Completion of -- Db RB 3:10 To NYS (T)-Report Bd I&S will be fwded March 13th. 3-11 NYS - joint (2) request copy of report of Bd. 3/10
	3-28	To Inspr NYS- Fw's copy of preliminary trial report. 3-28	To In pr NYS- Fwds copy of report of preliminary trial. 3-13

1919

IDAHO: TRIALS PAYMENTS ETC

Number.	Date.	From or To--	Subject.
401139	3:8	Ins. NYS	Fwds progress report for Feb. DN
401669	3:1	Ins. NYS	Submits list of plans furnished to CO for electric plant 1
402370	YY 3:27	Bd I&S Ins. NYS	Fwds report of Bd of preliminary trial D To Insp NYS- Repts fwd statement showing
To C&R- Prepared to recommend preliminary settle with reservations listed. 4-12 To Insp NYS- Repts furnish contractors 4-12 with copy of your letter of 4-2-19. 4-12 Insp NYS 5/28 Insp NYS 7/3 Insp NYS 8/2 Insp NYS 6/6			Amounts to be reserved for uncompleted work. 3-17 Ins. NYS report of unsatisf. work 4:2 Insp NYS- Repts inform re amount of uncompleted and unsatisf. work. 5-26 copy to CO Insp. I&S 8:17 Insp NYS 6/28
402793	3:13	SoI	Contr. adv. to deliver ship at Phila 3:14 D
403982	3/19	Phila Copy	Ship ready for delivery except for unsatisfactory condition main engine throttle valves - recommends ship be accepted temporarily - D
403959	3:19	Ins. MS (T)	Delivery delayed owing to continuing unsatisf. operation of main engine throttle valve D
414882	5-1 Fwd C&R.	Fwd Dept joint 5-10 To Insp NYS 5-30	Extension of contact date of completion. R3 3:9

Number.	Date.	From or To--	Subject.
✓ 379999	12:21	NY Sh. Bldg. Corp	Gives reasons why req. was made to reinstate
		To-Directs submit estimates of	cont. trials for D
		decreased costs, fwds correspondence	- f d Dept 1/4 R B 1/17
		for information of contractors. 1-20	To NYS- fwds letter action taken- 1/4
		Fwd C&R 1-20 R B 1:25:19	To Inspr NYS- fwds for omission into 1/4
		To NYS- Plans not to be required. 1-21	NYS - gives data in connection with
		Ins. NYS 1:23:19	furnishing of plans - 1/8 - 0
To Solicitor 1:4 R B		from C&R 1:25:19	
380089	12:19 12:24	Dept C&R	Fwds letter from NY Ship Corp relative to proposed preliminary trial instead of dock trial and increase obst covering change K&K Fwd Solicitor- 12-27
✓ 385177	1:11	Ins. NYS	Monthly report of progress DE
✓ 386764	1:18	Ins. NYS	Fwds plans showing location of aux. machinery gauges; etc. d
✓ 389151	1:24 1:27	Outfitting Board Dept	Recommends Bd of I&S inspect and subject ship to dock trials before delivery to Navy ; list items to be given particular attention D Fwd Bd I&S- 1-28 - RB 3:21 CANCELLED Rec. Back) C&R copy of action taken 2:8:19 D Dept - request action - 2/15

563 — 2 IDAHO: TRIALS & PAYMENTS:

Number.	Date.	From or To--	Subject.
366408	1-29	SEE CARD 9	To Bd I&E-- Fwds synopsis of machy and Hull Data. Dn
392833	2:2	Ins. MS	Sol. contractors ready for dock trial 2-17-19 ask if insp. Bd. will conduct same.
393955	2:11 2:17	Bd I&S Ins. NYS	Dock trial of vessel in lieu of preliminary trial will be held 2:17:19 To Insp'r NYS- inform of above; 2-18 To Insp'r NYS- fwd's copy of Dept's precept to Bd of I&S. 2-15
393616	2/7	NYS	NO. 1117 Report -- DN
394598	2/12	Operations	Copy of Instrns to Phila to prepare for commissioning -- D
395392	2:12	Sol	Copy of orders to Bd on dock trials in lieu of preliminary sea trials. D
396560	2:19	NYS	Dock trial began on 2:17:19 D

ID 10: 11:13 1:13:13 E13

Number.	Date.	From or To—	Subject.
357099	10:9	NY	Monthly report
3566408			Report of Insprn Survey of IDAHO- prelim trial- Repts prints showing location of gauges
Card-10			To Inspr. Camden. Re exam. comp. for changing settings of S-131 valves
			1:9 Ins. NY ship cont. protest against Bureau and const. in connection with running preliminary official trials 12:14 D
			Ins. NY ship 12:17
			Ins. Fwd Bd 1&S/12-24 Ins. NYS fwis
			machinery and bull data 1:16:19
369461	11/15	NYS	R B 12:4
			Contrs. Have not prepared any plans showing what is road - ask in order quitting trials will be countermanded - request action at once so that plans may be drawn by contr - D
372881	11/26	Prospec. CO	Request that Department render decision as soon as possible - relative to preliminary trials to be held - D
373759	12-2	Dept.	Directs preliminary trials be held D
375182	12-6	Bd. of Inspr.	Preliminary trial - requests prints showing location of gauges etc. D
			Bd 1&S req prints showing location gauges thermometers etc 1:2
			Ins. NY ship 12:11
			To Inspr Camden- reqst prints for trails be fwd 1/8
			Bd 1&S req print showing location of gauges 2:21 D

Card 11

IDAHO: TRIALS PAYMENTS ETC

Number.	Date.	From or To—	Subject.
✓ 375077	11-20 11-26 12-2	NY S.B. Corp. Dept. C&R	Delay of completion - contractors blame delay on number of changes made Fwd. N. Vol. 1. 1-9 R B 1/10 fwd C&R 1-14
375182	12-9	To Insp. Camden	Re ts. dupli. blueprints showing location of changes.
375991	12-9	C&R	Fwd correspondence in connection with uncompleted condition of contract work on ship
Ins. NYS 1:3 To NYS- asks copy of letter 12/23/18 1/7/19			To Insp. Camden- Asks status of uncompleted work on IDAHO both orig contract and changes 12-11
Ins. NYS status of uncompleted work on 1:9 Fwd C&R. 1-22			fwd Ord 1/2/19 R B 1/10 To NYS- Asks expedite info 1/2/19
376811	12:9	Ins. NY ship	Submits monthly rep on progress D
376558	12/13	To Insp. Camden	Re ts. dupli. blueprints showing location of changes.
Fwd Solicitor 12-20 Fwd C&R. 1-27			C&R fws correspondence in connection with contr. claim for increased cost 12:19
379319	4:9 12:20	Dept C&R	Submits rep on prog and delivery of D Fwd Solicitor- 12-26 R B 1/10 fwd C&R 1-14

Number.	Date.	From or To—	Subject.
305156	5-8	NYS	Monthly report. N
306508	5/13	NYS	45th payment - K
312266	5/31	NYS	Request information in connection with prospective trial of - N To Inspr Camden, Fwd report of trial board, 6-19 NY - report of trial board. N 7-8
314615	6:7	N Y S	47th payment. K
315428	6:8	N Y S	Monthly report fwd. N
315706	6-25	Insp'r NYS	Copy of letter to Cost Insp'r requesting with copies of Co. pay in connection with scale of wages. NYS - 6/25 ✓

563 - 2 12ND: TRIALS: PAYMENTS: ETC.

1918

Number.	Date.	From or To--	Subject.
324580	7-9	Insp NYS	Monthly report. K
332158	7-30	Insp NYS	Copy of letter to contractor - delay an unnecessary expenditure of money due to non coordination of work in connection with progress of. DN
* 336076	8/10	Terry	Relative to completion at contrs works - D Fwd Ord. 8-15 To Sect 8-15 from Unit 8-24 Fwd Ord. 9-10 Fwd Ord. 8-26 Fwd Ord. 9-28
336458	8/9	NYS	Monthly report - fws - DN
337098	8-12	NYS	47th payment - K
347526	9/10	NYS	Monthly report - DN

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IDAHO: TRIALS: PAYMENTS: ETC.

Number.	Date.	From or To—	Subject.
260126	11/10	NYS	41st payment K Fwd Dept - 11-13 Fwd Dept-11-13
264101	11/27	NYS To Fwds tracings. 1-11	Arrangement and details of feed water measuring system for use on trials - fwds prints - N To Action withheld pending decision of the Dept as to whether Apparatus will be installed or not. 12-4 NYS - Fwds print - 12/27 N
265390	12/5	NYS	Fwds contractors bill for items of extra work - X
264874	12-4	To Dept via C&R, I&S	Preliminary trials, omission of. N RE 12-24 To NYS-Fwds copy of Dept's 3rd End. Dec. 17th. 12-35
265447	12-5	NYS	Fwds contractors' bills for extra work. K
265854	12/7	NYS	Monthly report N
266663	12-11	NYS	42nd payment. K
27205248	1/7	NYS	Monthly report. N
280352	2-8	NYS	Monthly report. N.

IDAHO: TRIALS; PAYMENTS; ETC.

Number.	Date.	From or To--	Subject.
281087	2-11	NYS	43rd payment - request. K
287829	3/7	NYS	Monthly report - N
294779	4-2	Inspr NYS	Feed water measuring system for trial trip - request definite decision for eliminating on account of omission of trial. N
296614	4-8	Inspr NYS	Monthly report. N
296634	4/9	NYS	44 th payment request - k

IDAHO: TRIALS.

Number.	Date.	From or To—	Subject.
✓ 232735	6/8	NYS	Monthly report N
233728	6/14	NYS	Propose to launch on June 30th N
✓ 233777	6/30	NYS Corp	launched previous to Dept's authority to have pictures taken I
✓ 237617	7/3	NYS	Monthly report I

IDAHO: TRIALS. 563 - 2

Number.	Date.	From or To—	Subject.
248570	7/7	NYS	Monthly report N To NYS—8/30 Fwd C&R—9/6 RB 9/10
✓ 248571	8/8	NYS	39th payment N
248558	9/10	NYS	Monthly report N
255-17	10/8	NYS	Monthly report - N
254106	10/10	NYS	40th payment N
254702	10/13	NYS	Fwd Dept. 10-13 Fwd Solicitor 10-13 Reports authorizing contractors to weigh one casting; high pressure turbine casting and accept this weight for the second cast- ing—gives reasons. D To— gives weight of machinery under this Bu. 10-17
259576	11/8	NYS	Monthly report - N

IDAMO: TRIALS.

Number.	Date.	From or To--	Subject.
✓ 211416	12-22 1-12	NYS Co CER	& B3 45 and 47; request arrangements be made so that sub-contractors can be given partial payments in same manner boilers were handled.K Fwd Sol--1/16
211908	1-18	NYS	Inspector states no further insurance will be required on boilers.K Fwd Dept--1/19
213930	2-7	NYS	Monthly report.N
214400	2-9	NYS	34th payment.K
217191	3-7	NYS	Monthly report.N
217894	3-13	NYS	Synopsis sheets;reqt.N
✓ 218505	3/19	To NYS	Fwds synopsis of machy and hull data. Detailed instructions to Inspr of Machy re Prelim Trial.N
221654	4-7	NYS	Monthly report.N
221658	4-7	NYS	35th payment.K Fwd Sol--4/10 Fwd Sol--4/10

IDAH0: TRIALS

563 -- 2

Number.	Date.	From or To—	Subject.
✓ 221911	4/10	To NYS	Re t number of men working on machinery at present, and whether a larger number could be employed at same place. H NYS & DOWNES: Fwd report on condition of work and number of men working on machinery 4/19
✓ 224183	4/18	Dept To NYS—Reqt. further info. 5/3 NYS IDAHO & DOWNES: gives number of men employed on 5/4 To Dept—Gives action taken. 5/4 Fwd Dept—5/7 RB 5-10	Requests report on progress of work To NYS—gives info. above letter. Dept submit report. 4/25 NY ship - Idaho & Downes reports on satisfactory co-operation with Navy Ship Co. in expediting work 4/30 H
✓ 224966	4/26	NYS	All work preparatory to launching completed. N
✓ 226627	2/28 5/5	NY Ship Bldg Co CAP	Request extension contract time Fwd 391--5/6 RB 5-14 Fwd C&R--5/15
✓ 227469	5/8	NYS	Monthly report H
✓ 227473	5/9	NYS	36th payment H
✓ 232742	6/8	NYS	37th payment K

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IDAHO: TRIALS.

Number.	Date.	From or To—	Subject.
190887	6-15	NYS	Fwds certificate insurance on boilers.K Fwd Dept—6/16
✓ 191026	6-16	NYS	Boiler insurance; fwds.K Fwd Dept—6/20
✓ 191293	6-20	NYS	Delivery; delay in; on account of strike B&W. N
✓ 192255	6-30	NYS	Boiler insurance; fwds.K Fwd Dept—7/5
192831	7/7	NYS	Fire alarm system; fwds prints.L
192839	7/7	NYS	Monthly report.N
✓ 195559	8/4	NYS	Monthly report.N
✓ 195793	8/7	NYS	Boiler insurance; fwds extension.K Fwd Dept—8/8
✓ 195858	8/8	NYS	30th payment.K
198710	9/7	NYS	Self-recording revolution counters for use on trial; request information re type, etc.N To—Bailey counters will be used. 9/9 NYS notes by instructions to use Smith- Cummings 9-15 To NYS—Smith-Sumplings counters will be used on trials. 9/15

IDAHO: TRIALS. 563-2

Number.	Date.	From or To--	Subject.	
✓ 198852	9-8	NYS	Monthly report.N	
✓ 200948	10-2	NN	Monthly report.N	562-2
201215	10-5	NYS	Monthly report.N	
✓ 201330	10-6	NYS	31st payment.K	
204567	11-3	NYS	Monthly report.N	
205628	11-15	NYS	2nd payment.K	
207630	12-4	NYS	Monthly report.N	
209999	12-22	Dept	Directs vouchers be prepared for NYS Co. Change in name will not affect N Fwd C&R--Noted-1/2	
210283	12-30	NYS	Counters for trial trips; tracing.D Fwd Bd L&S--For comment. 1/9RS 1-15 To--Plan appvd. 1/16	
210940	1-8	NYS	33rd payment; request.K	
210951	1-8	NYS	Monthly report.N	

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IDAHO: TRIALS.

Number.	Date.	From or To—	Subject.
178519	2-8	NYS	Monthly report.N
178612	2-9	NYS	24th payment. N
178612	2-9	NYS	24th payment.N
180903	3-6	NYS	Monthly report.N
180956	3-7	NYS	25th payment.K
184072	4/7	NYS	Monthly report.N
184395	4-10	NYS	26th payment.K
186549	5/1	NYS	Delay in delivery on account of strike, Westinghouse Co.N
186915	5-5	NYS	28th payment. K
186914	5-5	NYS	27th payment.K
187064	5-6	NYS	Monthly report.N
187236	5-4	NYS	Boiler insurance; fwds.K Fwd Dept— 5/16

IDAHO: TRIALS. 563-2

Number.	Date.	From or To—	Subject.
187384	5-10	NYS	Claims delay on account of stike at Worthington.N
187777	5-12	NYS	Contractors claim delay on account of delay inspector inacting on drawings; inspector sub- mits statement on crowded condition of inspectors' office, etc.N To—Comments on: 5/16
✓ 188409	5-19	NYS	Reports strike; will probably delay vessel.N
188769	5-23	NY	Strike started May 16; will delay vessel. N
189184	5/26	NYS	Delay in delivery account of strike conditions Westinghouse Co.N
✓ 189670	6-1	NYS	Delay in delivery on account of strike B&W CO/N
✓ 190112	6-6	NYS	Monthly report
190304	6-8	NYS	Reports insurance on boilers.K Fwd Dept— 6/9
190589	6-9	NYS	29th payment. K

IDAHO: TRIALS.

1915

Number.	Date.	From or To—	Subject.
152570	5-7	NYS	8th payment.K
154571	5-7	NYS	9th payment.K
154572	5-7	NYS	10th payment.K
157134	6-8	NYS	Monthly report.N
157737	6-11	NYS	12th payment
157738	6-11	NYS	11th payment
160192	7/9	NYS	13th payment.K
160193	7/9	NYS	14th payment.K
160282	7/9	NYS	Monthly report.N
162793	8/2	NYS	15th payment.K
162794	8/2	NYS	16th payment.K
162987	8/9	NYS	Monthly report.N
165071	9-4	NYS	Monthly report
165452	9-9	NYS	17th payment.K To Dept.--Fwds Insurance Policy on.9/10

IDAHO: TRIALS. 563-2

Number.	Date.	From or To	Subject.
167755	10-8	NYS	Monthly report
167756	10-8	NYS	19th payment
167757	10-8	NYS	~~Month~~ 18th payment
167778 VOID	10-7	NYS	High lifting sea valves; plan.
168019	10-8	NYS	States additional payment \$11,000 included in 18th payment; covering boilers.
✓ 168111	10-12	NYS	Contractors report there will be a delay in completing ship on a account of strike GE Co. delaying elec installation. N
170657	11-8	NYS	Monthly report. N
170746	11-9	NYS	20th payment. K To Dept--Fws papers rec'd with. 11/11
173425	12-9	NYS	21st payment. N
173426	12-9	NYS	Monthly report. N
175566	1-6	NYS	Monthly report. N
175612	1-7	NYS	22nd payment. K To Dept--Fws payment papers. 1/8 NYS boiler insurance 2-23 Fwd Dept-- 2/25
NYS Fws extended insurance 3-30 To Dept-- Fws. 4/1			

IDAHO: TRIALS: PAYMENTS.

1944

Number.	Date.	From or To—	Subject.	
✓ 137976	10-26	NYS 3125	Contracts propose to purchase 13 carloads of copper for misc purposes/ reqt that they be credited with same on bill; Inspector objects to payment. N Fwd--Should be included in regular payments under Estimate weight and cost. 10/29 re-10 21	
141608	12-7	NYS	Monthly report.N	
141877	12-11	NYS 3556-3851	Contract price; proposed subdivision.N To--do not consider proper. 12/12	
142734	12-22	NYS 3664-3851	Sub-division of cont price; explains figures.N Fwd C&R-- Comments on. 12/22 C&R satis 12-28 To--given division. 12/29	
143851	12/22	NYS Co	Claims delay and damage if change made in boiler argrt in fire rooms	563-10
144025	1-8	NYS	Monthly report.N	
✓ 144953	1-19	NYS 178-3851	Contractors claim extension 6 months to changes in number of boilers, changes in eng room bulkheads.N Fwd Dept via C&R-- 1/20rb 30	
145019	1-19	NYS 185-1851	Sub-division of machy allotment. N To-- Alivs: Form 102 now being print. 1/21 NYS contractors intend to submit reqt for paym nts Feb 6; reqt form be expedited 2-3 To-- Fwds NSE Form 102. 2/19	

IDAHO: TRIALS: PAYMENTS. 563-2

Number.	Date.	From or To	Subject.
145504	1-25	NYS 246-3851	Contractors propose applying for 2 payments Feb 1st; react action on subdivision allotment be expedited.N
145752	1-18 1-28	NYS Co. C&R 23-B-42	Claims extension time due to change in engine room and fire room bulkheads. N Fwd Dept-- Concurs in C&R end. 1/29 Feb 2 11 Fwd C&R-- Noted. 2/12
146791	2-9	NYS	Monthly report.N
147042	2-11	NYS	2nd payment. K
147043	2-11	NYS	3rd payment.K
147047	2-11	NYS	1st payment.
147112	2-12	NYS	5th payment.K
147113	2-12	NYS	4th payment.K
149240	3-9	NYS	Monthly report.N
149542	3-12	NYS	6th payment.K
151824	4/8	NYS	Monthly report.N
151953	4/8	NYS	7th payment.N
154379	5-7	NYS	Monthly report.N

IDAHO: ELEC PLANT GENERATORS:

Number.	Date.	From or To--	Subject.
555243	3:28	Pug Sd	Report covering alterations to fire room emergency circuit. L To Pug Snd Altern appvd cc CO 4/22 To Pug Snd Regt return of corr listed 5/10
558608	4:18	C&R	Copy of letter to Pug Sd submitting recommendations made by Pac Btship Force relative to cancelling install of elec driven blocks-L
574785	7:12	Pug Sd T p	Regt immediate express shipment of impedance coils and telephone jacks. L Fwd Snd cc 1st Snd 7/16 RB from IV-8:2-1 RB-9:20 Pug Sd-impedance coil-regt item be cancelled-8:19-L Fwd Snd cc 1st Snd 9/17 To Pug Snd- 21 Gives Action 9/28
590170	10/19	To Inspr NYS	Ask receipt of plans listed L
597894	12/7	✓ To Purchase Inspcr Schools C&R- Fleet Stations- Yards listed	Fwds cc of Record of Electrical appliances L Ordinance-fwds receipt 12/14 L May. Acad. fwds receipt 12/15 L C&R-fwds receipt 12/14 L Inspcr NYS- Fwds receipts. 1 L

IDAHO: ELEC PLANT GENERATORS:

Number.	Date.	From or To—	Subject.
464470	12:15	Inspr NYS	Change in type of fixtures on account of omission of mine room-fwds estimated increase in cost.D
464486	12:15	Inspr NYS	Change in method of securing electric conductors-fwds estimated increase in cost.D Fwd Solicitor. 12-26 RB-1:2
378832	inded from card 6	Inspr NYS-fwds manuscript for record of elec appliances-4:15-L	RB-8:18-1
	Fwd Insp NYS 9-28	To Insp NYS Regst inform 12-3	To Insp NY-- Returns let. 4/15 for further revision
	To Insp NYS Regst inform 1/8	To Insp NYS-6:11	
	To Insp NYS Ask when manuscript will be returned 1/11 RB 1/26	To Klaxon Co. Regst furnish to Insp many NYS brief description inc of instrns for care and maintenance of two sta loud speaking tel sets C Insp NYS 6-19.	
		Klaxon Co-6:23-L	
		Klaxon Co-fwds print giving wiring diagram of two station system with catalog on 7:16-L	
		Fwd Insp NYS 9-22 RB-9:25	
492600	5/6	GE NYS	Tracings of generators will be fwd to NY Ship Corp about 5/12 - L
507765	7:13	GE IDLHC	Request for authority to use Duracord portable elec cables in the To CO Bu desires that present stock of post card be used instd of making addnl purc of reinforced mat 8-25

563-3: ID. NO. 1220 PLANT: NY 1717-21

Number.	Date.	From or To—	Subject.
525790	10:27	Inspr NYS	Reduction in number and length of shop test on power equipment—test of decreased a.c.t.y.
527467	11:05	To Insp NYS	Record of elec appliances ; adv when recd L
542368		FILE CARD 7	To Insp NYS—Regst inform 1/12/21 L Insp NYS-1:13-L To Insp NYS Gives inform re plans listed 2/9/21 Insp NYS—Fwds list of weights-5:28-L
543279	1:27	Inspr NN	Fwds contrs receipt for record of elec appliances.L
543386	1:26	Inspr NYS	Fwds record of elec appliances with photo- stats sketches and photo graphs.L To Insp NYS Regst cc of record of elec appliances to Fwds 2-1/21 To 1L NY Regst listed plates to fwsd 2/5 21 NY—Fwds print and photographs of elec appliances-2:21-D

IDAHO: ELECT PLANT GENERATORS

1949

Number.	Date.	From or To--	Subject.
417091	5:2	CO	Alterations - relocate truck and screen speed light, outlet for battle tracer install additional red light illuminating outfit, alterations to radio apparatus, additional lights. L
Fwd Operations via Naven and Ord. 5-23 To CO Gives detail action. 6-11RB 6/9			To I.L.Ny
Copy to I.L.Ny			
Fwd Naven and Ordnance. 11 RB 7/2 To I.L.Ny- Work under SE Auth. copy to CO and Naven. 7-5			
418130	5/14	To Womdt Wash	Repair of defective elec material from IDAHO-Reqs make repairs of material listed and returned to vessel as soon as possible. W.
421224	5-26	Inspr N.Y. Ship	Fwds copy of letter giving instructions for marking of ship from electl apparatus. L
424115	6/6	Inspr N.Y.	Omission of line room- subm estimate L To Insp NYS- Change authorized and referred to Bd on changes. 6-14
418728	6-21	To CO	Fwds prints of fixtures installed on. L
431237	7/7	Inspr NYS	Subm estimates for increased cost due to change of method of securing elec inductors. L To Insp NYS- Change authorized and referred to Board on changes. 7-14

563-3 IDAHO; ELEC PLANT GENERATORS.

Number.	Date.	From or To—	Subject.
432557	7:14	Inspr NY Ship	Modification in testing and measuring instruments. Submits estimate of decreased cost. L Fwd Solicitor. 7-24 R B 7-30
435720	8:1	Inspr NYS To Insp NYS- Supplementary estimates showing increased costs subsequent to Nov. Rd are being submitted to Board on Changes. 9-22 To General Insp Phila- Fwds correspondence for information. 9-22	Scale of wages - changes under contract - fws correspondence in connection with revision of estimates of work listed. L Insp NYS- Contractor reqst permission to withdraw letter of 17th. 8:7 Dept- Copy of tel to NY Ship Corp stating unavoidable increase of cost due to wage adjustment will be treated as charges under fix price contract. 8:7 To Insp NYS- No action to be taken in accordance with your recommendations. 8-9 Insp NYS- scale of wages in connection with elec changes. 9:5 Fwds tracings of finished plans - L To- Instructions issued for COLORADO & WASHINGTON TO APPLY TO IDAHO. 9-10 To Insp NYS- Repts tracings. 9-19 Insp NYS- rel to finished elec plans- 9:22 To Insp NYS- Advise progress being made by contractors toward furnishing finished plans. 1-8 To Insp GE- 5-7 Fwd I.M. Ny. L
442368	8/4	NYS Insp NYS- 1-15 To Insp NYS- Gives requirements for finished plans. 1-20 Insp NYS- 1-23 Insp NYS- 3-9 Insp NYS- contrs have not yet recd plans 5-14 Insp GE- 5-10-L 417091 9-29	SEE OVER
458792	11-20	To Insp NYS	Record of Elec. Appliances. completion of. Advise when may expect to receive the manuscript. L Insp N Y S 11-22
463284	12:11	Inspir NYS Fwd Solicitor 11-5 RB-11;10-D	Record of elec appliances fws contrs est of reduced cost covering omission of. L To NYS Co Fwds report re rec elec app 11-11

IDAHO: ELEC PLANT

Number.	Date.	From or To	Subject.	
368979	11-12	Comp. Ed.	Cable fwds NY Ship Co. order RA	
376863	12-10 12:16	Insp. NY. Ship Ins. NY ship	Request Bu. instructions in connection with finished elec. plans	L
2 376868	12-17 12:18	To Insp. Camden Ins. NYS	Repts. that plans be distributed as stated To- Finished plan portfolio satis' 12-26 To- One set of portfolios will be required to contain elec. prints, 3-3 Insp. NYS 10-7 Have extra set of prints.	
To Insp. NYS- Gives instructions for fwd'g vandykes to Eng. Sec. 10-14 To Insp. NYS- 1-22 378882	12-18 1/28 1:10	NY Ins. NYS	List of apparatus for fire control system under Order not included in record of elec. appliances - 1 To Insp. Camden. Re info in re to Articles furnished by Govt. 12-28 To Insp. NYS- Returns record of elec appliance. 3-21 Insp. NYS- Copy of action to centr-3; 24 fwds list of uncompleted work D	
To Insp. NYS- Recommendation satis. 2:12 Insp. NYS- fwds various elec draw- ins. 2-12 Insp. NYS- 3:23 375991	12:23	Ins. NYS 1-27 see card 8 Insp. NYS		
363303	1:7 To Insp. NYS	MS NYS- Plans appvd. 3-4	Relative to repairs and replacement of damage feeder P A 5 L Ins. NYS fwds prints showing method of repairing brake 2:25	

IDAHO: ELEC PLANT

Number.	Date.	From or To—	Subject.
391471	1:31	Ins. NY S	Conversion of Board emergency cabin to navigators office; submita list of alteration necessary .
398345	2:27	Ins. NYS	Ask if Bu. desired inactivities and reproductions of photo in record of electrical appliances L To— Desires one print only of the photographs being made on high gloss surface paper suitable for reproduction in books. 3-19
402676	3:13 3:20	NYS Ins. NYS	Reports furnishing Commanding Officer in Phila. plans listed L To— Repts have contractors expedite the furnishing of the remainder of plans required: To Insp NYS— Fwdg 1 set of 82 blue prints covg 36" searchlights- 4/9 3-19
404278	3:19	Ins. NYS	Plans covering post sys. and Int. Com. S. S. furnished CO L
407105	5/31	C&R To I.M. Ny- Auth to install such additional lighting as is necessary for new communication office. cory to CO and C&R. 4-12	Necessary to build bulk head across fwd part of additional cabin and relocate communication office. Fwd C&R 4/4 R B 4/8 To— Recommends installation of voice tubes as provided for the present communication office. 4-12

1217

IDAHO: ELEC PLANT.

Number.	Date.	From or To—	Subject.
239261	7/17	NYS	Method of securing and arrangement of leads in conning tower tube - fwds prints L NYS - request action 7/30 L
246539	6/29	Pd on Changes NYS	Change in run of leads on 1st platform deck, between frames 55 and 84, necessitated by alterations to boiler room and wiring passages on that vessel. H Fwd Sel—9/1 P B 9/7
258930	11/1	NYK	Method of supporting cables and voice tubes and conning tower tubes - fwds - L
271582	1/4	NYS	Damage to electric cable and method of repairing same - fwds recommendations and prints - L 8- Give comment. 1-10 NYS - Fwds prints. - 1-21 - L
284858	2/26	NYS	Fwds plates for record of elec appliances - X To- Plates not yet received. 3-8 To- 3-14 List One box 28-11 to, rch To- 1 box from NYK To- Lists plates received. Inform which of lists will apply to the record of elec appliances For. 4-11 MSC 5/16 MSC 5-51

IBAHQ: ELEC PLANT. 563 - 3

Number.	Date.	From or To—	Subject.	
> 295012	4/3	NYS	F wds plate of a No 18 Cochran exhaust valve for list in record of elect appliances-L	
✓ 335083	8-7	C&R	Copy letter to constructors NYS directing omit water tight casing for cased and armoured cable in turrets - L	
335133	8-9	To Insp'r NYS	Rest Inform re items furnished for Elec appliances, L Ina. NY 9-18 To Insp'r NYS, f wds pamphlet re elec appliances 9-23 To Nav. Rest. for list for Insp'r NYS 9-23 His 11-8	
✓ 367000	11-6	New York Ship	F wds order covering cable required	L
367001	11-5	To Insp'r	Leads slight of radio apparatus, PHIL. to Insp'r	
367510	11-7	New York Ship	Asks extent of test be required on star armature for generating sets L	
		To Insp'r NYS- advises no further tests necess 1/8	To Insp'r NYS, contains on re above, 1-10 NYS - 12/31	
Ins.	11-15	To Insp'r Command		
NY ship f wds corrected plan 11;26 L				

IDAHO: ELEC PLANT.

1917

Number.	Date.	From or To—	Subject.
✓ 218232	3-15	NYS	Casings for elec conductors; relative to changes to meet report of turret board.L
		To--Chas. under cog SE. 4/4	fwd Dept via C&R--Does not consider necessary. 3/19 3B 4-2 NYS request action be expedited 4/3
✓ 218463	3/16	NYS	Conduit stuffing tubes for 5" protective deck; fws plans.L To--Plan satis with comment. 3/24
220208	3-29	NYS	Wiring in port passage; plan.L
220293	3-30	C&R	Change in casings for elec conductors Copy of instructions issued.L.
221032	4-3	NYS	Arrgt of elec leads and voice tubes in turret wiring trunks; plan.L
✓ 221623	4-5	GE	Wire and cable orders; request authority to slip some on S&A contracts; will not hold up Govt deliveries.L To--Instrs. 4/11
222285	4/16	To NYS	Testing and measuring instruments. List articles revision will include. LN To--Gives satis type of megger. C/16

IDAHO; ELEC PLANT.

Number.	Date.	From or To—	Subject.
228112	5/11	NYS	Electrical installation central line passes - fwds prints L
228111	5/11	NYS	Electrical installation port wiring passes - fwds prints L
231506	5/31	NYS	Electric installation in forward torpedo room - fwds prints L To—Plan 1 pvt with comment. 6/16 NYS - fwds prints 7/24 L
233141	6/11	NYS	Contractors request authority to substitute certain electrical instruments for those called for on allowance list L&R To—atis with exceptions. 6/14 NYS - contractors request reconsideration 6/27 L To—Appvs substitution. 6/28
235342	7/3	To NYS	Reqd blueprint of Plan showing 3rd deck aft. L

1916

IDAHO: ELEC. PLANT.

Number.	Date.	From or To—	Subject.
198472	8/24	NYS	Centre line passage for wiring: fwds plane.L To--Appvs with modl. 9/9
200911	10-2	NYS	Centre line passage; plan showing modified elec installation. L
✓ 201390	10-6	NYS	Port and stbd wiring passage; installation. plan/L
✓ 201558	10-7	NYS	Elec leads in wiring trunks and turret tubes; turrets 1 to 4; plan.L
✓ 202268	10-1 3	NYS	Finished plans; request authority to include 200 in lled 50 prinson portfolio. To--Appvs. 10/19
✓ 202456	10/17	To NYS	Record of elec appliances. Bu desires to increase by 5 the number of. L
✓ 205485	11-11	NYS	Turret wiring trunk arrgt; voice tubes, etc.L

IDAH0: ELEC PLANT. 563-3

Number.	Date.	From or To—	Subject.
206078	11-17	NYS	Boiler rooms and wiring passages; inc cost change in running leads. L. To—Change appvd. 12/5 To Gen Insp. 12/5
206100	11-17	NYS	Inc cost additional Record of Elec Appl. L To—Unless contrs make assurances that cost will be decreased will cancel order for additional copies. 12/6
206101 <i>Void</i>	11-9	NYS	Ships*service telephone system inc cost.L
206099 <i>Void</i>	11-17	NYS	Auxiliary rudder indicator system; inc cost.L
209475	12/22	NYS	Additional record of appliances. Est inc cost. L To—Change appvd. 1/3 To Gen Insp. 1/3 To Phila--Cancels letter 1/3. 4/28
213106	1-31	NYS	Stbd wiring passage details; fws plan.L
215575	2-21	NYS	Elec leads and voice tubes in turret wiring trunks; plan.L To—Leads for turret auxiliary power battery charging should be added to plan.3/13
212629	2-26	TO NN	Watertightness of bulkheads; re running of elec leads. 554-15
217591	3-9	NYS	Elec installation centre line passage; plan:L

1915

IDAHO: ELEC PLANT.

Number.	Date.	From or To—	Subject.	
164730	8-31	NYS	Specs for elec plant; recommends certain changes. L To C&R--Have auth changes in.9/3 To --Auth changes 9/3 To NY-NN--Ditto.9/3	
165205	9-8	NYS	Casing for wire leads in magazines; plan. L To-- Appvs with comment. 9/14	
165751	9-14	NYS	Data for installing plain and leaded and armored cable Prints. L	
NY 474	9-14	N.Y.	CALIF. reqs. to cover purchase of elec. plans	554-3
167232	10/1	C&R	Casing for wire leads in magazines. L Ratd--Satis 10/6	
168832	10/20	To Cramps	Fwds power type plans; arret of control for running and anchor lights; elementary diagram and diagrammatic arret of optical rang finder transmitting system	562-3
169435	10-26	NYS	Casing for wire leads in magazines; plans. L Fed NYS--Appvs as modi. 11/9	
172470	11-26	NYS	Fwds sample of 4 conductor leaded and armored cable. L	
173214	12-6	NYS	Casings for wire leads in magazines; print. L	
167255		Corres with C&R	Compartment and access plans; re location radio room, etc	554-3

1916

IDAHO: ELEC. PLANT. 563 -- 3

Number.	Date.	From or To—	Subject.	
176340	1/15	C&R	Employing unskilled labor and foreigners in connection with fires; no further accidents recommends matter be dropped	522-3
177701	1-31	NYS	Water tight attachment plugs; asks type to be installed.L To--In accordance with drawing 9072. 2/5	
183601	4/3	NYS	Method of securing elec leads and fittings; fws prints and recommendations.L To--Appvs' 4/6	
187440	5-10	C&R	Turret wiring trunks; fws plans.L Retd Via Ord--Appvs with comment. 5/19	RB 6/21
191294	6-19	NYS	Contractors submit proposed arrgt of installation elec leads thru turret wiring trunks.L	
197090	8-18	NYS	Wire leads in magazine casings for; plan.L	
197461	8-22	C&R	Turret wire trunks; arrgt; elec leads voice tubes, etc. L Plans. Fwd C&R via Ord 8/31 ~~10-8-21~~	
197647	8-18	NYS	Passages; elec installation.L To 8/31 NYS fws print showing method of installing cable in voice tubes 9/6 To--Appvs plans with changes. 9/9	

IDAHO: ELEC PLANT.

1915

1V

Number.	Date.	From or To—	Subject.	
✓ 143994	1-8	NYS 32-229	Reqt type plan of light, power and I-O systems.L To--Not yet ready for issue. 1/15	
144058	1-7	C&R 97-1	Elec wire trunks; fwds plans. L. Retd-- Comments. 1/16 To NYS-- Fwds copy above and: reqt Su be furnished with desired information. 1/15 O--Arrangement satis. 3/3	
144568	1/16	To Ord	Asks if any modi have been made in electric auxiliaries	554-3
145366	1/23	C&R	Elec. auxiliaries; revised list	554-3
146062	2-1	NYS 197-296	Proposed arrgt. of wiring trunks.L To-- instructions, 2/4	
146111	2-12	NYS 255-2417	Double feeder junction box for 1-1/2" stuffing tube; plan.L To--Appvs. 2/15	
149133	2-24	NYS	Proposed arrgt. of wiring trunks.L To--instructions. 3/3	
150574	3-22	C&R	14" turret; base castings; fwds.L To--Satis to Su. 3/27	
153454	4-26	C&R	Turret base casting; fwds plan.L	

IDAHO: ELEC PLANT. 563-3

Number.	Date.	From or To—		Subject.	
✓ 154768	5-11	C&R		Fwds request NYS Co. for print showing arrgt turret officers station, instruments and all elec equipment in turrets. L Fwd C&R--Plans fwd to insp. 6/2 C&R reqt plan 6-11 To-- Fwds plan 6/14	
154875	5-12 5-12	C&R Ord		14" turrets; reqt print showing arrgt of elec instruments. L Fwd Ord-- Fwds plan of. 6/2	
156504	6-2	NYS	823-103	Elec cable in vicinity of compasses; armoring of. L To--Instructions. 6/5	
156298	5-29	NYS	813-239	Bus feeder and generator leads; sizes; fwd contractors request to change To--Appvs change with comment. 6/7	
158497	5-19	NYS	906-2027	Method of installing armored cable for voice tubing; plan. L To--Appvs with mod. 6/24	
✓ 158650	6/22	NYS		Forwards correspondence with Supt Constr re armoring of electrical cables in vicinity of magazine compasses. L	522-3
✓ 159204	6-28	NYS		Method of installing armored cable and voice tubes	
162559	8/4	NYS		Fwds print showing installation of plain armored, leaded and armored cable. L	
✓ 163622	8/17	NYS	1259-37	Marking of IC circuits. L	

IDAHO INT COM SYS

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4 33-1

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IDAHO

INT COM SYS

1922

Number.	Date.	From or To—	Subject.
639239	8/17 8/25	Pug.Sd. C&R	Proposed location of torpedo defense stations and Schiffs- fws prints.L Fws C&R 8/29 C&R Copy action to Pug.Sd. 9/6 L
639963	8/30	Pug Sd T	Request approval of anti-aircraft fire control telephone & salvo plan similar to No. 130 L To Comdt Pug Snd- T install salvo and fire control tele anti-aircraft sys per Bu letter 152509-247-1 Nov 23. No plan N Mex instn. 9/1 L
639976	8/21	OO IDAHO	Request install pneumatic dispatch tube signal bridge and communication office C&R. request recommendations as to applicability for other vessels of class. L 768
640151	8/31	Pug Sd T	Request authority to proceed with engineering work in conn with raising & anchoring defence stations & teps L To Comdt Pug Snd T Approved 9/6 L

Number.	Date.	From or To	Subject.
643014	9/22	Pug Sd	Sperry gyro compass & fire control systems. Fwds prints L To rug Snd Lian & upvd with comment 10/28 Pug Snd 12/1 Sperry Fire Control system Fwds prints L To Navign- Fwds print 12/19
643713	9/16 9/27	CO Pac Fleet	Cummings log removed L
645452	10/10	CO.	Copy revolution indicator recommends old be renewed and satis furnished L Fwds rug Snd 10/25
650562	11/22	C&R	Rearrangement of voice tubes in plotting room. Fwds prints L

IDAHO INT COM SYS

1921

Number.	Date.	From or To—	Subject.
522951		SEE EARD 47	To Pug Snd Fire Control board Changes; Appvd 3/11 Y To Pug Snd (T) Gives action 3/11 Pug Sd-fwd's plans and photos-9;7-L
557428	4;13	Navgn	Copy of letter to Pug Sd approving alternates to gyro compass equipment.L
565004	5:19 Fwd C&R 6/22	C&R	Insulation and arrangement of plotting room-fwd's printe.L Fwd Dept via Operns cc C&R 6/8 RD 6-10-1 To Pug Snd Gives Action cc CO-C&R 6/22
566962	5:11 5:31	CO Ord	Recommendations for installn of storage battery for broadside director system To CO Recomdn appvd cc Ordn- Pacific Fleet-C-I-L Pacific Fleet 6/10

563-4

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IDAHO: INT COM SYS

1921

Number.	Date.	From or To	Subject.	
568030	6/10	To Pug Snd	Authorizes instaln of auxiliary current supply for broadside director follow the Pointer system cc CO's WYO. INC ARKANSAS New Mexico MISSISSIPPI IDAHO TENNESSEE C-1-C Atl Fleet X	562-4
596112	9:19	CO T	Reqt immediate shipment of Forbes log transmitter and various parts. To Boston Coast Action cc CO 9/21 Boston-9:29-L To Boston-Reqst Action 10/1 Boston-10:7-L To CO- Gives in arm rel shipmt of log cc Boston 10/8	
-1922-				
539018	11/9 2/9	CO C&R	Request install voice tube from conning tower to battle signal station. C&R Copy action to Pug Snd. 2/24 L	
535836	5/8 8/1	CO C&R	Request install independant voice tube between center engine room and each fire boom. L	

Number.	Date.	From or To—	Subject.
544751	1:27	Ug 3d	To Pug Snd Giv e Inform re work cc ordn C&R CO 2/16
545957	12:27 1:21	CO Pac Flt	Request rearrange motor generator in To CO Alt disappvd cc Comar Pac Fleet- C-I-C Pac Fleet 2/9/21
543256	12:27 1:21	CO Pac Flt	Request relocate voice tube and bell To CO Disappvs alt cc ac Fleet- Comdr Pac Fleet 2/9/21
543953	12:27 1:21	CO Pac Flt	Request relocate shaft revolution trans- To CO Alt appvd cc ac Fleet- C-I-C Pac Fleet- Nagivn 2/5/21
545777	2/15	To C E	Enlargement of Plotting room; Recommended cc cc CO L
547611	2:19	C&R	Copy of letter to Pug Sd authorizing install of voice tubes listed.L
548575	1:19 2:25	CO Pac Flt	Request instal addtl panels for gyro repeater.L Fwd avign 3/2 Fwd rdn 3/9 RB 3/17
548577	1:19 1:25	CO Pac Flt	Request rearrange turret salvo system switchboard.L Fwd Pug Snd 3/9 RB-3:24-L To Pug Snd Appvd cc C-I-C Pac Fleet- CO 4/2

563-4: IDAHO: INT COM SYS:

Number.	Date.	From or To	Subject.
549135	12:22 2:16	CO Pac Flt	Request instal gyro compass repeater on starboard throttle port center engine room.L Fwd Navign 3-5
549135	1:19 2:16	CO Oac Flt	Request instal new Sperry fire control panel.L To CO Gives action cc Pac Fleet 3/18
535291		SEE CARD 42	To Eng Snd Will not instaln loud speaking telephones cc CO 3/9/21 L
550181	3:5	CO T	Request Submarine Signal Co ship spares for Forbes log.L To SO Boston Gives list of spare parts to be shipped cc CO S&A 3/9/21 L Boston-3:30-L Fwd C cc S Boston 4/5 RB-4:26-L

IDAHO: INT COM SYS:

Number.	Date.	From or To	Subject.	
464542	12:15	Insp'r NYS	Omission of contact maker on bridge and the addition of one contact maker at each torpedo defense chief control station fwd estimate increase in cost-D	
464505	12:15	Insp'r NYS	Installation of Blinker signal set on mainmast. Fwd estimate increase in cost. D	
472563	1/30 CO-7:30pL	To CO	Quotes from report of elec plant 1-2-20 Info reqst if alteration overcome defect. LY To CO- 1/30 copy CO CO- 5-4-1 To CO Advise will adv reqn for neccy amt of insul. compound 6-16.	
489194	4:6 4:22	CO Ord	Soft composition insulator of blade carrier and base of snap switches and turrets frequently break-recommends better material be used. L To CO- Reqts fwd sample of defective base and other insulated parts of snap switch. copy to PAC FLT/ 4-28 CO- fws broken parts of snap switches- 5-6-1 To CO Reqst such defects in apparatus be reported to Bd. 5-21.	
498671	6/9	Ordinance	are ordering ships bearing indicators for installation in torpedo rooms from vessels IDAHO TO WORKING class: L	647-1

563-4: IDAHO: INT COM SYS:

Number.	Date.	From or To—	Subject.
238 505328	7:9	Pug Sd	Submits request for information relative to pneumatic tube system. LAW To Pug Sd (T) 7/15
519146	9:20	Pug Sd	Asks what specs and plans to follow for fire control telephone switchboard. L To Pug Sd Gives detlk inform 9-30.
2 521951	9:14	CO	Submits report on deficiencies of fire control telephone switchboard with recommendations. L To CO Fwds Plans 11-8 cc Pug Sd- C-I-C Pac 11-8 To Pug Sd Gives action 2/12/21 cc To CO Fwds Plans 11-8 cc Pug Sd- C-I-C Pac 11-8 To Pug Sd Gives recommendations covering the in case of cables. L Pug Sd--Fwds Photos and prints. 1/25 L Times exception to Co's renewing indicators installed on with a later design. L To Chas Cory & Son- Satisfy 12-3 Pug Sd copy of action to Cory & Son- 1/17-1
530421	11:19	Cory & Sons	
531854	11/29	C&R	Everashed and Chadburn control for IDAHO- MISSISSIPPI-NEW MEXICO & TEXAS- Fwds prints. L
535012	12:8 12:15	Nav Aca Navy	Request drawings and pamphlet of hydrostatic speed lock as fitted on board IDAHO. L To Ammoris Fwds booklet 1/7/21
535299	11:21	CO	Request change location of voice tubes in 655th of 11 barrels. L To C&R 1/12/21 R- 1/10 Request install voice tube from 655th to 656th signal station. L
535291	11:21 12:16	CO Pug Sd	Request copy of action to CO-12/29-1 To Pug Sd Gives inform cc C- 2/12/21 Fwd C&R 2/25-14Y 2/12/21

IDAHO: INT COM SYS:

Number.	Date.	From or To	Subject.
464532	12:15	Insp'r NYS Fwd Solicitor. 12-26	Alterations and additions to plotting rooms-fws estimated increased cost. 9
464531	12:15	Insp'r NYS	Installation of wire for additional multi- ple turret indicator in fire control tower- fws estimated increase in cost. D
464530	12:15	Insp'r NYS Fwd Solicitor. 12-24 RB 12-30:	Addition of fire control telephones JA, JB and 2JD in foretop, and JA and JV and 2JE in maintop-fws estimated increase in cost. D
464528	12:15	Insp'r NYS Fwd Solicitor. 12-24 RB 12-30:	Installation of one ship's service telephone in each fire room-fws estimated increase in cost. D
464526	12:15	Insp'r NYS Fwd Solicitor. 12-26 RB-12:31	Addition of fire control telephone system, 2JK and 3JW-fws estimated increase in cost. D
464536	12:15	Insp'r NYS Fwd Solicitor. 12-24 RB-12:31	Installation of target bearing transmitter in high turrets-fws estimated increase in cost. D
464538	12:15	Insp'r NYS Fwd Solicitor. 12-24 RB 12-30:	Addition of plotting indicators in main- top, foretop and fire control tower. D

563-4: IDAHO: CNT COM SYS;

Number.	Date.	From or To—	Subject.
464539	12:15	Inspr NYS Fwd Solicitor. 12-26 RB-12:31	Changes in the fire control system-fwds estimated decrease in cost.D
464540	12:15	Inspr NYS Fwd Solicitor. 12-24 RB-12:31 RB 12-30;	Change from gun firing system and local turret fire control system to director firing - fwds estimated increase in cost.D
464541	12:15	~~xxxxxx~~ Inspr NYS Fwd Solicitor. 12-24	Addition of plotting indicator in the torpedo room-fwds estimated increase in cost.D
464546	12:15	Inspr NYS Fwd Solicitor. 12-24 RB-12:31	Addition of target turret bearing transmitter in maintop-fwds estimated increase in cost.D
464545	12:15	Inspr NYS Fwd Solicitor. 12-24 RB 12-30;	Installation of torpedo defense salvo system-fwds estimated increase in cost.D
464544	12:15	Inspr NYS Fwd Solicitor. 12-24 RB 12-30;	Installation of ammunition supply telegraph system-fwds estimated increase in cost.D Inspr NYS-2:25
464543	12:15	Inspr NYS	Installation of ships service telephone in radio communication office-fwds estimated increase in cost.D

IDAHO: INT COM SYS:

Number.	Date.	From or To--	Subject.
464603	12:15	Insp NYS	Change in bell and buzzer in fire control tower to a two light indicator and change in size of lead thereto-fwds estimated increase in cost.D
464508	12:15	Insp NYS	Installation of an anti-aircraft fire control telephone system-fwds estimated increase in cost.D Fwd Solicitor. 12-24 RB 12-30;
464507	12:15	Insp NYS	Installation of additional voice tube return call-fwds estimated increase in cost.D
464506	12:15	Insp NYS	Electrical work under this Bureau necessitated by the installation of a plotting indicator in the conning tower-fwds estimated increase in cost.D
464504	12:15	Insp NYS	Installation of a telemotor indicator system-fwds estimated increase in cost.D
464502	12:15	Insp NYS	Installation of auxiliary rudder indicator system-fwds estimated increase in cost.D Fwd Solicitor. 12-24 RB 12-30;
464519	12:15 Fwd Solicitor. 12-24 RB-12:31	Insp NYS	Installation of shaft revolution indicator system-fwds estimated increase in cost.D

563-4: IDAHO: INT COM SYS:

Number.	Date.	From or To—	Subject.
464518	12:15	Inspr NYS	Addition of permanently installation fire control telephone system on torpedo defense system-fwds estimated increase in cost.D Fwd Solicitor. 12-24 RB-12:31
464514	12:15	Inspr NYS Fwd Solicitor. 12-26 RB-12:31	Addition of directorscope correction system-fwds estimated increase in cost.D
464513	12:15	Inspr NYS	Installation of wiring for Forbes log system-fwds estimated increase in cost.D Fwd Solicitor. 12-24 RB 12-30;
464525	12:15	Inspr NYS	Installation of a turret training warning signal system-fwds estimated increase in cost.D
464524	12:15	Inspr NYS Fwd Solicitor. 12-24 RB-12:31	Installation of an auxiliary rudder indicator system-fwds estimated increase in cost.D
464521	12:15	Inspr NYS Fwd Solicitor. 12-24 RB 12-30;	Addition of cable for psy station telephone fwds estimated increase in cost.D
464534	12:15	Inspr NYS	Addition of Forbes range keeper system-fwds estimated increase in cost.D
464533	12:15	Inspr NYS Fwd Solicitor. 12-26 RB-12:31 RB-1:2	Addition of fire control telephones JA & JV in lee of turret No.3 main deck.fwds estimated increase in cost.D

IDAHO: INT COM SYS:

Number.	Date.	From or To—	Subject.
464499	12:15	Insp NYS Fwd Solicitor. 12-26 RB-12:31	Installation of additional ship's service telephones to replace certain omitted voice tubes.D estimated increase in cost.D
464496	12:15	Insp NYS Fwd Solicitor. 12-26 RB-1:2	~~Inspr~~ Addition of portable salvo contact maker in topmast-fwds estimated increase in cost.D
~~464495~~	12:15	Insp NYS	Packing and shipping CN telephones for conversion to UTAH type to be installed fwds estimated increase.D
464494	12:15	Insp NYS	Length of wire on topmast occasioned by the reduction in height of topmast-fwds estimated decrease in cost.D
464493	12:15	Insp NYS Fwd Solicitor. 12-26 RB-1:2	Addition of motor generator sets for current supply for Sperry Fire Control and Director follow-the-pointer systems-fwds estimated increase in cost.D
464491	12:15	Insp NYS	Omission of meggers from electrical testing instrument list-fwds estimated decrease in cost.D
464510	12:15	Insp NYS Fwd Gen. Insp Phila 12-24 RB-12:24	Electrical work necessitated by the fitting of sound proof booths in the firerooms-fwds estimated increase in cost.D

IDAHO: INT COM SYS:

Number.	Date.	From or To—	Subject.
464468	12:15	Insp'r NYS Fwd Solicitor. 12-26 RB-12:31	Addition of fire control telephones in broadside director station-fwds estimated increase in cost.D
464469	12:15	Insp'r NYS Fwd Solicitor. 12-26 RB-1;2	Additions and omission on turret salvo system bells and buzzers-fwds estimated decrease in cost.D
464473	12:15	Insp'r NYS Fwd Solicitor. 12-26 RB-12:31	Addition of metallic stowage boxes for fire control telephones-fwds estimated increase in cost.D
464474	12:15	Insp'r NYS	Addition of voice tube calls between flag radio room and auxiliary radio room-fwds estimated increase in cost.D
464475	12:15	Insp'r NYS Fwd Solicitor. 12-26 RB-12:31	Change from metallic stowage boxes for fire control telephones to leather stowage boxes furnished by the Government-fwds estimated decrease in cost.D
464478	12:15	Insp'r NYS Fwd Solicitor. 12-26 RB-1;2	Addition of Vickers broadside director follow-the-pointer system-fwds estimated increase in cost.D
464472	12:15	Insp'r NYS	Changes in interior communication switchboard-fwds estimated increase in cost.D

563-4: IDAHO INT COM SYS

Number.	Date.	From or To—	Subject.
464479	12:15 Fwd	Insp'r NYS Solicitor. 12-26 RB-12;31	Installation of salvo pilot buzzers on torpedo defense salvo signal system at forward and after torpedo defense platforms in cage mast-fwds estimated increase in cost.D
464480	12:15 Fwd	Insp'r NYS Solicitor. 12-26 RB-12;31	Rearrangement of bridge instrument and wiring for same-fwds estimated increase in cost.D
464481	12:15	Insp'r NYS	Omission of voice tube calls to and from the navigating bridge-fwds estimated decrease in cost.D
464482	12:15 Fwd	Insp'r NYS Solicitor. 12-26 RB-1;2	Changes in voice tube call bell system-fwds estimated decrease in cost.D
464487	12:15 Fwd	Insp'r NYS Solicitor. 12-26 RB-1;2	Change in bridge instruments and fire control telephone system-fwds estimated increase in cost.D
464489	12:15 Fwd	Insp'r NYS Solicitor. 12-26 RB-1;2	Change in testing and measuring instruments-fwds estimated decrease in cost.D
464500	12:15 Fwd	Insp'r NYS Solicitor. 12-24 RB 12-30;	Addition of ship's service and fire control telephones in battle signal stations, port and starboard-estimated increase in cost.D

IDAHO INT. COM. SYSTEM

1712

Number.	Date.	From or To--	Subject.	
44116	6/4	Insp N.Y.S.	Voice tube calls between flag radio room and auxiliary radio room- estimate of increased cost. L.	
			To Insp NYS- Change appvd and referred to Board on changes. 8-16	
425354	6:11	Ins. NYS	Vicker broadside director system increase in cost. L.	
			To- change auth and referred to bd on changes for appvl. 6-19	
425742	6/16	CO (T	Reqst authorize install in of one batt for gun firing and navigational servics. L.	
			To CO(T)- Appvd not to interfere with movements of vessel. 6-17	
425906	6-16	N Y	Voice tube communication to battle signal stations. Fwd prints.	L
			Fwd CO. 7-1	
428403	6/26	CO T	Reqst authority to install gyro compass repeater panel.	
			To NY (T)- Auth grated undertake work under SE connection installation gyro compass repeater panel. 6-26 copy by mail to CO. 6-26	
428027	6-23	Insp NYS	Fwd copy of ltr to contractor in conn w 10 volt battery for gyro compass equipment. L	
435118	7-83	Insp NYS	Change in bridge instruments and fire control telephone system-submits estimate. L	
			Fwd Solicitor. 8-5 -RB 8:11	
			Change appvd and fwded to Board on changes. 8-14	
			To Insp NYS/	

563-4: IDAHO: INT COM SYS

Number.	Date.	From or To--	Subject.
✓ 438775	8:8	Inspr NYS	Modification of testing and measuring instruments--estimate of decreased cost. L
	Inspr NYS-8:16		
	To Insp NYS- Auth of Dept given in Bu letter of 8-14th is correct. 8-20		o Insp NYS- Change auth and referred to Board on Changes. 8-14
438775	8:7	Inspr NYS	Omission of meggers from elec testing instruments--lists estimate of decreased cost. L
			To- Changes appyd and referred to board on changes. 8-14
457412	11/13	TO CAR	Quotes from Report, voice tube defects and request remedy when vessel available. Ly
464428	12:15	Inspr NYS	Rearrangement in the air lock indicator system--was estimated increase in cost. D
464430	12:15	Inspr NYS	Installation of an oil burner control system--was estimated increase in cost. D
			Fwd Solicitor. 12-24 RB 12-30;
464434	12:15	Inspr NYS	Installation of automatic dead reckoning system--was estimated increase in cost. D
			Fwd Solicitor. 12-24 RB 12-30;
			Inspr NYS-2:19

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Number.	Date.	From or To—	Subject.
421195	5-26	Inspr N.Y. Ship	Backing and expressive C-N telephones. Submits estimate of increased cost L To- Change appvd and referred to Bd on Changes. 6-11
421194	5-26	Inspr N.Y. Ship	Additional Laundry Machinery. Submits estimate of increased cost L
421856	5/27	Inspr N.Y. Ship.	Storage boxes for fire control telephones. Submits estimate of increased cost. L. And Solicitor. 6-7 RB 6/12 To Insp'r NYS- change auth and referred to Bd on changes. 6-14
423248	6-4	Inspr N Y Ship.	Change in bell and buzzer in fire control tower to a 2 light indicator- Estimate of increased cost - To Insp'r NYS- change appvd and referred to Bd on changes. 6-7
423247	6-4	Inspr N Y Ship.	Reduction in height of topmast- Estimate of decreased cost - To Insp'r NYS- change appvd and referred to Bd on changes. 6-7
423246	6-4	Inspr N Y Ship.	Directorscope in topmast- Estimate of increased cost - To- Change auth and referred to Bd on changes. 6-12
423251	6-4	Inspr N Y Ship.	Addition of current supply for Sperry fire control and direct follow pointer system - Estimate of increased cost -
To Insp'r NYS- change appvd and referred to Bd on changes. 6-7			L

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IDAHO: INT. COM. SYSTEM.

Number.	Date.	From or To—	Subject.	
423250	6-4	Insp N Y Ship	Additions and omissions on turret Salvo s. stor - Estimate of decreased cost - To - Change auth and referred to Ed on changes. 6-12	L
422737	6-4	To Insp NYS	Director Firing and Director follow-the- pointer systems. Inform as to status of work. Fwd I.M. Ny. 6-14	RB 6/11- L-Y
423581	6-4	Insp NYShip	Torpedo Defense Salvo system- Fwds estimate - L	
Gen. Insp.	To Insp NYS- 6-19	Fwds copy of letter to	To - Change auth and referred to Ed on changes. 6-11 Insp. NYS 6:12	
424123	6-4	Insp NYS	Voice tube calls to and from navigating bridge - Estimate of increased cost To Insp NYS- Change auth and referred to board on changes. 6-18	L
424113	6/5	Insp NYS	Omissions and addition of voice tube calls- Sub. estimate of increased cost. L	
Red Solicitor.	6-19	RB 6:23	To Insp NYS- Change auth and referred to Ed on changes. 6-25	
424118	6/5	Insp NYS	Re-arrangement of board instruments- estimate of increased cost. D.	
To Insp NYS- to board on changes.	6-19	Change auth and referred to	Changes in I.C. switchbd - Estimates of increased cost. L.	
424119	6/5	Insp NYS	To - Change auth and referred to Board on changes. 6-14	

IDAHO: INT. COM. SYSTEM.

Number.	Date.	From or To—	Subject.
416807	5-7	NYS	Addition of fire control phones JA and JV in turret #3 - L To - Change auth and referred to Bd on Changes. 5-13
417314	5-1	NYS	Installation of Ford range keeper Change in cost L To - Change appvd and referred to Bd on Changes. 5-13
417315	5-9	NYS	Installation of directorscope coil system change in cost D To - Change auth and referred to Bd Changes. 5-19
417610	5-12	C&R	Copy of letter to CO forwarding prints cage masts and platforms. L
417316	5-15	Fwd Solicitor	Additional Ship's Service Telephones due to omission of voice tubes. Ln BB 5-22 To Insp'r NYS - change auth and referred to board on changes. 5-26

IDAHO: INT COM SYSTEM

Number.	Date.	From or To--	Subject.
420186	5:21	Ins. NYS	Fwds corrected list of voice tube location L
420763	5:23	C&R	CO req. change voice tube in pointer pits L To- Recommendations of C&R satis. copy to CO and I.M. Ny. 5-29
419040	5-23	To CO	Shaft revolution indicators. Will take steps to have equipment corrected. L copy to I.M. Ny To Chas. Cory & Son- Repts make investigation re trouble with shaft revolution indicators. copy to I.M. Ny and CO. Cory & Son 5/26/ Cory & Son 7/9
420050	5-23	To I.M. Ny	Turret Officer's Selector Switch. Auth mfg of in accordance with plan listed. L-Y NY req. drawing 5:29 L
421196	5-26	Insp N.Y. Ship	Store box for fire control furnace. Estimate of increase cost. L Fwd Solicitor. 6-7 RE 6/12 To Insp NYS- Change auth and referred to Ed on changes. 6-14

1919

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IDAHO: INT. COM SYSTEM

Number.	Date.	From or To—	Subject.
412160	4:18	Ins. NYS	Cease firing sys. for ttdo. defense battery; estimate increased cost. L To— Change appvd and referred to Bd changes. 4-25
412162	4:18	Ins. NYS	Changes in ttdo. room installation: estimate increased cost. L To— Change auth and referred to Bd changes. 5-1
412161	4:18	Ins. NYS	Addition of target turret transmitter in main tube. estimate in increased cost. L To— Change auth and referred to Bd changes. 5-1
412164	5-1	To Inspr NYS	Change from gunfiring system auth and change referred to Bd Changes. L
412162	5-1	To Inspr NYS	Additions of plotting indicators in maintop, foretop, and fire control tower. Change appvd and referred to Bd Changes. L
415701	5-1	NYS	Installn. of wiring for Forbes log system— increased cost. — Y
To Inspr NYS— Change Board on changes.	5-21		Refd Solicitor. — 5-13 RB 5:19

Number.	Date.	From or To—	Subject.
415700	5-2	NYS	Installn of permanently installed fire control phone systems for torpedo defense purposes- increased cost- L Fwd Solicitor. 5-9 To - Change auth and referred to Bd Changes. 5-19
415699	5-2	NYS	Shaft revolution indicator system- Change in cost- Fwd Solicitor. 5-9 To- Change auth and referred to Bd Changes. 5-19
416507	5/5	NYS	Installation of wiring for additional multiple turret indicator in fire control tower - change in cost - L To- Change apvd and referred to Bd on Changes. 5-13
416506	5/5	NYS	Additions to fire control telephone system - 2 J K & 3 J W - change in cost - L To Insp'r NYS- Change auth and referred to Bd Changes. 5-19
416508	5/4	NYS	Alterations and additions to plotting room - change in cost - L To- Change auth and referred to Bd on Changes. 5-13
416509	5/5	NYS	Changes in fire control system due to fire control board - report 1915 - To- Change auth and referred to Bd on Changes. 5-13
416501	5/5	NYS	Addition of fire control telephones in fore top and main top - change in cost. To- Change apvd and referred to Bd on Changes. 5-13
416499	5/5	NYS	Communications to battle signal stations - change in cost - L To Insp'r NYS- Change auth and referred to Board on changes. 5-21
416806	5-7	NYS	Addition of fire control phones in broad side director station- increased cost- L Fwd Solicitor. 5-14 RB 5:19 To- Change auth and referred to Board on changes. 5-21

Number.	Date.	From or To—	Subject.
405872	3:25	NYS	Reports contr. have installed Int. Com. and lighting cables instead of telephone cables on leads and telephones and outlets; req. instructions 1 To— Use of other than telephone cable on branch leads not in excess of 60 ft appvd. 4-1 copy to IRL. My Ins. NYS installation of target bearing transmitter in high turrets submits estimate of increased cost 4-8 L (cross to 563- 4) L
409512	4-8 BB 5:2	Ins. N S Fwd Solicitor via Ordnance. 4-12 To Inspr NYS—Change auth and referred to Bd. Changes. 5-9	Installation of target bearing transmitter in high turrets submits estimate of increased cost 1 To Inspr NYS— change auth and referred to Bd Changes. 4-15
409513	4-8	Ins. NYS	Installation of automatic dead reckoning syst. submits estimate of increased cost 1
409524	4-8 changes. 4-12	Ins. NYS To— Change auth Referred to Bd	Installation of aux. rudder indicating system estimate of increased cost 1
410407	4-11	C&R	Fwds cy of letter from Ordn pertaining to installn of reduced air line to torpedo rooms steam heaters in torp room etc. in conn with preliminar D

1910

IDW0: INT COM SYST.

Number.	Date.	From or To—	Subject.
412182	4:17	Ins. NYS	Addition of plotting indicator in main tube, foretube and fire control tower submits estimate increased cost L
412181	4:8	Ins. NYS	Installation of ships service telephone in aft fire room estimate of increased cost L
To Insp'r NYS- Change appvd and referred to Bd on Changes. 5-13			Ad Solicitor. 5-3 BB 5:10
412180	4:17	Ins. NYS	Installation of ships service telephone in radio communication office ; submits increased cost L
			To- Change appvd and referred to Bd on Changes. 5-26
412175	4:17	Ins. NYS	Addition of ammunition supply telegraphic system ; estimate of increased cost L
			To- Change appvd and referred to Bd on Changes. 4-28
412177	4:17	Ins. NYS	Installation of tpdc. defense salvo system estimate in increased cost L
			NYS ret. let. sent to their office evidently in error 4:30
412164	4:18	Ins. NYS	Change from gun firing system to director firing system ; estimate of increased cost L

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject
387507	1/21 3:4	NYS FYS	Request rheostat from motor generator for interior communication system - L To- Inform as to responsibility of damage to starting panel.
389346	1:25	Ins. NYS	Req. switches for director firing system be fwded as soon as possible L To- Turret Officers switches required for the gun firing and director indicator system will be furnished. after ship is turned over to government. 2-1-19
390144	1-29 3/6 2:21	Ord Nav. Fwd Insp NYS.	Gyro compass repeater panel; recommends additional 1 be installed L Fwd Navgn. 2-1 Ins. FYS ask if additional panel will be installed before ship leaves yard 2:13:19 Fwd Navgn. 2-18 RB 2:25 Copy of letter to NY Yd asking when telephone equipment will be supplied - L To- Gives status of equipment as listed. 2-14
392746	2/6	FYS	
395028	2:11	FYS	Req. loud speaking telephones be shipped immediately W To- Delivery to be at NY yd for installation by ship's force after delivery of vessel to government. 2-26

1919

IDAHO: INT C Y SYS

Number.	Date.	From or To—	Subject.
> 398111	2:6	C&R	Relative to installation Forbes Log. Fwd C&R. 3-14
398354	2:27 3:21	Ins. NYS Ins. NYS	Ask if Bur has any record of omission of alidades for conning tower L
Fwd Insp NYS-	3-24	R B 3/26	wd Naven. 3-6 RB 4:17 Fwd Naven. 3-15 RB 3:21
399784	2:2; 3:4	GO Ord	Alidades for conning tower designed to fit on bulk heads of
400744	3-7	N.Y. SHIP	Relative to making test of voice tube system. L To- Gives detail comment on 3-14 NY 3/21 To- Satisfy for NY Yd to undertake installation of calls for voice tube 263 after the vessel is turned over to government. 3-25 copy to I.M. Ny.
403528	3:10	NYS	Mechanical Int. Com. system fws prt. D
404624	2:21 3:21	GO C&R	Submits req. for additional allowance of pneumatic tubes L Fwd C&R. 3-31 C&R copy of instr. to NY 4-9 D

IDAHO: INT COM SYSTEM.

Number.	Date.	From or To--	Subject.	
248923	11/12	To Inspr NYS	Asks info re ship IDAHO Forbes Log outfit Insp NY Ship 11/29 Idaho asks if Forbes Log will be delivered before delivery to vessel. R.	665-2
378417	12:17	Ins. NY ship	List of voice tubes and prints covering L	
377260	12-16	To Insp. Camden	Fwds. triplicate blue print copies of B. plan Ins. NYS fws wiring diagram 12:30	
378677	12-21	Insp. NYShip	Contractors request disposition of gyro compass intended for flag radio room L	
379677	12-28	Fwd. Bu NAV	For comment by Bu NAV. R B 1:17:19	
384365	1:9	NYS	Ask auth. for omitting mechanical operated range dials. D Fwd. Ordinance. 1-17 RB 1:24:19 To- Concurs in recd mandati n°1-17 To- Fwds copies of correspondence auth omission of mechanical range and deflection dials for transmission to stations. 1-25	

IDAHO: INT COM SYST.

1819

Number.	Date.	From or To—	Subject.
384686	1;11	Ins. NYS	have Have made arrangements to ~~in~~ calibration of Corey generator for shaft. ref. ind. completed before snl. leaves yard I
385208	1;13	Ins. NYS	List of ships service telephones. elementary wiring diagrams - fws prints I
361317	2;18	SEE CARD 24 CAR	Ins. NYS comments on alterations 1;16;19 CAR - fwd. voice tube prints - 7/1
387098	1/17	NY	Loud speaking telephone system - alterations- fws prints.
388242	1;22	Ins. NYS	Int. com. switchboard fws print I

IDAHO: INT COM SYSTEM

Number.	Date.	From or To--	Subject.
349847	11-4 12:31	FROM CARD 32 Ins. NYS	Insp. New York Ship - will submit report in one week L New York Nov. 12 - Request action Insp. NY Ship Nov. 18 - Fwds wiring prints To Insp Camden, Approves alterations re fire control telephone system, 11-26
367414	11-7	NYS	Monthly reprot D
361317 To C&R- 7-3	1-20	Fwd C&R.	Voice tube communication to battle Signal stations. L copy to NYSL Fwd C&R. 3-8 copy to Insp NYS and NY
368962	11-14	New York Ship	Relative to FOB LOG Outfit To Insp NY SB Corp. Re above 11-13 11-13 11-19
371525	11:22	Ins. NY Ship	Constructors req auth. to make relocation of instruments on bridge as listed of Insp Camden, Rearrangement of Bridge, lengthening of Elect leads, 11-26 To NYS- 1/7 approves list of material- 1-11
370485	11-19 11:23	Bu. of Ord. Ord	Request fire control telephone out lets in torpedo room L To Insp Camden, Reqs authority for ships force of installing phone outlets to delay room, 11-26 Insp. NY Ship Dec. 11 NYS - fwds fire control and manouvering telephone prints - 12/30 - L Installation of wiring for additional multiple turret train indicator in fire control tower L To Insp NYS, comments re above, 12-4
372935	11:27	NY ship	

563- 4 IDAHO: INT COM SYSTEM

Number.	Date.	From or To—	Subject.
373058	11;27	Ins. NY ship	Req. speaking telephones fwsd print for wiring diagram L To Inspr NYS, re loud speaking tele sys, 12-7 Ins. NY ship fwsd print of elementary wiring diagram 12;14
248923	11/12	To Inspr NYS	Asks info re ship IDAHO Forces to P.O. that leave at 11/28 Idaho Asks if Corps Log will be delivered before left to vessel. R.
371817	12;4	C&R	Copy of letter to Ports. also auth. work.
375073	12-4	Insp. NY Ship	Storage batteries for fire control telephones - fwsd copy of correspondence L
375279	12-10	To Insp. NYS	Reqst shipmt storage battery Phila to Inspr NYS, L RB 3;15
377194	12-11 12;27	Insp. NY Ship Insp. NYS	Motor generators for interior communications system - submits re status of installation To Inspr NYS - asks re ship motor starter for 2 KV Hobart, Bros motor gen set for 1/4 NYS 5/17
313663	12/13	Insp. NYS	Asks info re ship IDAHO Forces to P.O. that leave at 11/28 Idaho Asks if Corps Log will be delivered before left to vessel. R.

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.
360895	10/21	NYS	Director firing system - fwds prints - L
361317	10/23	C&R <i>C& 36</i> NY To Insr NYS re comm to battle signal station, 12-4 1:9 Ins. NYS as to matters under cognizance of 1-14	Request information as to communications contemplated between title signal station and point from which operations are to be controlled - L To C&R Battle Signal Stations, Communication to, 10-31 C&R 11-9 - Copy of instructions L
361397	10/22	NYS	List of power feeders and mains - fwds distribution power.
362150	10/24	New York Ship	Plotting room alterations and additions - fwds prints. L To Insr and re where sa, schedules 11-1
362087	10/23	Dept.	Copy of letter to C&R stating that flexible voice tubes connection from anti-aircraft guns not required L

Number.	Date.	From or To—	Subject.	
362499	10/24	Inspr. NY	Rwds contractors letter requesting action on approval of asking wiring diagram of lattice transfer system 10-20	
362501	10/21	Inspr. NY Ship	Rwds? contractors letter requesting authority to place snap switches shipped as spares	L
362500	10/24	Inspr. N.Y. Ship	Leads for plotting indicators - request authority to use cable and junction box already installed at 10-20	
363303	10/28	CER	Copy of letter to NYS stating alterations to sky gun voice tubes approved - L	
364116	10-29	Inspr. N.Y. Ship	Additions of plotting indicators in fore-top, main top and fire control tower. Alterations covering approved	
364117	10-27	Ins. NYS	NYS 11-7 turns shipped under of July 1st	L

IDATO IN COM SYSTEM

Number.	Date.	From or To—	Subject.
353054	9-26	NY Ship	Voice tubes request changes in L Fwd CER 10-1 Dept. installation sound proof tubes auth. 10:3
353053	9-26	NY Ship	Extension of voice tubes system 185 L To Insp. N.Y., request disapproval 10-3
353055	9-25	NY	Rep. of fire control storage box L To Insp. N.Y. location of above satisfactory 10-1 Ins. N.Y. ship req. specific approval recomm- ndation S. J. telephone storage expense L To Insp. N.Y., approval location 10-10
353710	9-27	Insp. N. Y. Ships	Water tight telephone storage batteries. Recommendations in connection with.
			This volume of Director firing plans, L
356110	10:4	Ins. NY snail	Alteration plotting room L

IDAHO: INT COM SYS. 563 - 4

Number.	Date.	From or To—	Subject.
357033	10/6	NYS	Target bearing target turret and multiple turret indicator system - fwdg print showing action cut out switchboard - 1
357442	10:4 10:10	Ord Dpt	Submits recommendation of Senior officers in connection with alteration of additional to plotting room L 1-14 B B 10/24 To Insp: NYS approves changes of above 11-4
357143	10:7	3LR	Copy of letter to NY said asking if voice tubes should be delivered as change in cart. L
359176	10:16	2a	Req. inspection of NY map be provided showing loud speaking telephone L 10-111, 10-112's print's loud's cart in telephones 10-111
36003	10:16 10:18	Ins. NY said Ins. BR	Gyro compass reports Installation for ~~carrying~~ L

Number.	Date.	From or To--	Subject.
340004	8-01	Inscr NYS	Dir control telephone system - 2-12 circuit action to install for use in connection with company for use to the R and, re dir control phone system 8-24
341829 ⁶	8/22	NYS Inscr. NY Ship Nov. 29 prints of call bell sys.	Communications provided for engineer office inade- quate - L to CAR, re install of voice tubes, 9-5 to CAR, re voice tubes, 9-5 to CAR, re action taken, 9-12 to CAR, re list of voice tubes, 10-9 Ins. NY fws out line print of voice tubes and call bell status 10:11
346444	9/6	NYS	Director firing system - fws plans - L
347606	9/12	CAR	Modernizing arrangement of bridge instruments-L fwd CAR 9-20
348135	9-10	NYS	Voice tubes fws prints - L -
348910	9-14	CAR	Automatic dispatch system fws print - L fwd CAR 9-24

IDAH0: INT COM SYST 563 - 4

Number.	Date.	From or To—	Subject.	
349847	9-16	Inspr NYS	Fire control telephone system fnds various prints - 1	
Ins. NY Ship Reg. outlay of fire control telephone as located on range fire plate from over bridge, 10-10 3 3 10:16			To Insp. NY Ship Dec. 5 - Request tele cord be expedited - req. \$1099	
351603	9-5 9-11	CO 15th Dist	Request regrind piston rods reshoe cylinders overhaul main feed pump, etc NY Ship Dec. 24	Y
3516415	9-25	SEE CARD #30	To Wash Rest if battery mat'l recd L	
NYS - fnds copy of correspondence 2/28 NY list spare parts 3:17 Fwd S.O. NY- 3-20			To Wash. 9:25 R 3 10:8 L To Insp. NYS, rest if mat'l received, 12-7 Wash. cannot locate strg bat. 12:27 To Washn- gives correct number of 1/3/19	
355804	9-16	CO	Requests installation voice tubes for each To O&N recommending disapproval of above 10-4 And copy of letter to department stating disapproval recommended 1 10:9	
353040	9-24	NY Ship	Ship service telephone system fnds prints 1	
351402	12-13	To NY	Re: rd. that reqd. quantity of cord be shipped 1 med. by exp. to NY Ship Edg. Co.	

IDRHO: INT COM SYS

1910

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Number.	Date.	From or To—	Subject.
327441	7-16	NYS	Voice tele : call bells - 2
328555	7/19	hav-n	Copy of letter to H stating that Insp requests drawings of scullin machines is furnished - 1
329814	7-22	Insp NYS	Interior communication switchboard - fws print. 1
330531	7-22	Insp NYS	Director firing system for turrets - fws prints. 1
331612	7-26	Insp NYS	Elementary wiring diagram directorscope correction system - fws print. 1
331611	7-26	Insp NYS	ditto

IDAHO: INT COM SYS

Number.	Date.	From or To--	Subject.
328520	7-31	To Inspr NYS (T) Fwd I.M. Ny. 3-27 RB 4;2	Letter cancelled will make changes director firing current supply L NYS - fire control switch board - fws plan - 9/6 ins. ship recd instructions 10:1 to Inspr NYS, satisfactory to retain original a rem. ent of current supply 10-8 NY ship fws prints 10:7 L to Inspr NYS, fws print 10-23 6 NYS - reqts turn over circuit to CO for delivery at NY Yard. for installation upon arrival of vessel. 2-6 fws request from NY Ship Corp relative to delivery to connection of roadside director firing material. L fwd C&R 8-5
333171	7-24 8-1	Dept C&R	
335110	8/2		Battle tracer system - fws print - L Fwd Ord. 11-26 RB 11-23 Fwd Ord. 11-26 RB 12;21
335257	8/1	Ord.	Naval War to Ord. at NY - fws print - L of ship to NY to use a connection to To Inspr NYS, fws vandyke of dwg reqstd. 8-15
537510	8-14	Insp. NYS	Request voice tube be installed from engineer's log room to center engineer room - L To Inspr NYS, reqt disapproved, 8-21
539809	8/12 8/21	Lansen Co C&R	Automatic dispatch tube system; fws list of items to be read for; also print showing to Inspr NYS - L fwd C&R 8-26

I have been thinking about you a lot lately.

1918

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Number.	Date.	From or To—	Subject.
313708	6-3	Insp NYS	Field line print showing location of instruments in conning tower, fire control tower and cage A-1. 1
313779	6/5	NYS	Wiring diagram torpedo defense salvo system - this altered plan in connection with omission of five inch guns - 1 To Insp NYS, re plans of torpedo defense salvo system. 6-11
313778	6/4	NYS	Ship's telephone system - fms prints - 1
316415	6-17	To Insp NYS	17/10 sufficient time for delivery - 8/28 To Insp NYS - Ask if Devt can supply a part - 7-10 To Insp NYS - Ask for extension of contract time. 7-10 To Insp NYS, ask for extension approved. 7-10 To Insp NYS, ask for extension approved. 7-10
317114	6-18	To Insp NYS	Re location of fire control telephone stowage boxes, and commenting on same 1 To Insp NYS Locations satisfactory 7-18
319576	6/22	Ord	Fire control and conning tower arrangements and details of periscope - fms prints - 1
320632	6/25	Ord	Fms letter from Insp Ord NYS asking if select switch will be installed on - 1 Fms Ord, 6-29

IDAHO: INT COM SYS. 563 - 4

Number.	Date.	From or To-	Subject.
321310	6/26	NYS	Fire control switchboard - fwds prints - L To Inspr NYS plan approved 7-11
321372	6-28	Insp. NYS	Gyro compass system - fwds contractors letter advising notice of delay and request- ing extension of time.
321471	6-28	Insp. NYS	Target director firing system - fwds con- tractors notice of delay and request extension of contract time.
321519	7-1	To Insp. NYS	Cancelling install range and deflection system L - fwds print - 7/15
327756	7-17	Insp. NYS	ask when free light indicators for target director indicator system will be required To Insp. NYS, re: install director firing sys in target, 7-15
328520	NYS - 3/22 7/18	NYS - director firing system - fwds plan - 6-28 - L To Insp. NYS plan approved, 9-16 INS-11-9 - fwds prints L Insrp. NY Ship 12-3 - battery rec'd - asks what disposition will be made	Target director firing system - fwds print-L To Insp. NYS Plan approved, 7-29 Insrp. NYS - T - Motor generator already installed and connected. 7-30 - 527

OVER 1

Ins NYS 2;3

Number.	Date.	From or To--	Subject.
299782	4-20	Insp'r NYS	Relative to height of instruments on bridge. 1 To- Confirms ap vl to have contractors make alteration and fit lugs. 4-276
301048	4/24	NYS	Reports receipt of fire control telephones converted to the UTAR type - L
302598	4/27	NYS	Detail of electrical installation connecting tower fire control tower and cage raster - fws print - L
302587	4/26	NYS	Insp'r NYS - fws blue prints of broadside tractor L Broadside - S. E. pointer system alterations 6.4 of pipes - fws print - L To- Lists changes desires made. 5-8
302735	4/27 4/30	NYS NYS	Steering telegraph system-request permission to cut in connection box on damaged cable - L To- eqts apvd for contractors to install 20-wire connection box. 5-14
303281	5/2	N Y S	List of storage boxes for fire control TEL L
303901	5-1	Insp'r N. Y. S.	Fws blue print showing voice tube changes L
305053	5-10	To NYS	Range and Deflection Indicator System - Ordnance will furnish two Cory type and S.E. Auth necessary wiring for. L fws prints - 5-23 NYS - Fws prints. 6-10

563 - 4 IDAHO: INT COM SYS

1918

Number.	Date.	From or To—	Subject.
307928	5-16	---	Director scope transmission system - request action. L
308843	5-21	C&R	Fwd's plan showing arrangement for Forbes log. L
309904	5-23	Insp'r NYS	Recommends contractors request for extension to count in a 40 wire connection for be granted. L To --- Approves above req't. L 5/29
311484	5/26	NYS	Reports non-delivery Sperry Fire control apparatus. L Fwd Insp'r NYS 7-23 6-3 7-12 Fwd Order 7-27 7-20
310516	5-31	To NYS	Authorizing installation of fire control L Insp'r NYS - These contractors request for notice of delay and extension of time. L 6-28 To Insp'r NYS - no delay due to extension of time due to fire control charges 7-11

1948

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.
289057	3/13	C&R	Arrangement of instruments in spotters taps - fwds sketch - L Fwd Ord. lco. 3-18 R B 4/13 - L C&R - copy of action taken - L C&R - copy of action taken - L Fwd Ord. 4/16
289327	3/14	C&R	Voice tubes in plotting rooms; rearrangement of - L Fwd C&R 3-19
290270	3-15	Ord	Location of directorscope - broadside director find. L Fwd C&R 3-23
283129	2-21	To NY	Tests of circuit breakers for IDAHO. Instrns in connection with. L. 731-1.
290590	3/18	NYS	Fire control telephone shipped Holser-Cabot not received back - L
291018	3-21	Insp NYS	Electrical installation and bid 8-1 15- Plan approved with modifications: 4-24 17- Fwds prints- 6/4
289 294339 8	4/1	NYS	Forbes log - fwds prints - L C&R - Forbes log - copy of instrns issued 4/13L To - Flg's appr. 4-24 Insp NYS - Understand will not be installed until after delivery. L 5-7 NYS - 5/21 - L Request action - 5/29 - L
NYS - Fwds prints. L 5-21 To Insp NYS, plan approved, 6-28 Insp NYS - Fwds prints on Forbes log, 6-28 To Insp NYS, 1 7-15 To Insp NYS plan approved 7-23		To NYS rest contractors to furnish panel and resistance for installation of Forbes Log, 5-31 Insp NYS - fwds prints. 6-10	

IDAHO: INT COM SYS. 563 - 4

Number.	Date.	From or To--	Subject.
295291	4-1	Inspr NYS	Request authority to shift telephone No 19. L NYS - request action on letter of 4/18 To- Relocation of phone #19 auth. 4-23 4/18
297032	4/10	NYS	Forbes log - fws wiring diagram - L To NYS - Auth install. 4/16 Inspr NYS - Requests action. L 4-18 NYS - Fws print. L 6-14 NYS - Fws revised prints. L 6-22
295781	3-30 4-6	Norff C&R	Location of directoscopes. L Fwd Ord - 4/13 R B 4/24
Norff	wiring installed - 5/13 - L VOID	647-1 SEE	To Boston - Desires that the necessary wiring be done as the vessels become available. 5-4 To Mare Island - ditto above to Boston. 5-4 To Phila ditto. 5-4
286023	4-8	To NYS	Ammunition supply telegraph system. Plans fwded are appvd. L
298343	4-12	Inspr NYS	I C systems - fws plans. L To - Lists changes be made on plans. 5-16 NYS - Fws prints. 6-10 NYS - fws prints - 6/18
299307	4-18	Inspr NYS	

LEADS: IN CO. 1918

1918

Number.	Date.	From or To--	Subject.	
271995	1/16	NYS	To st instrs relative to removal of communications, etc in connection with removal of 2 inch gauge - L	
279456	1/25 2/1	Supt Constr NYS CAR	Flexible voice tube - L fwd CAR 2-5	
279344	2-5	CAR	Pneumatic dispatch tubes fwd prints L.	
279682	2/4	Ordnance	Location of directorscope broadside director firing.	
280023	1-29	Sperry Co	& NEW MEXICO & MISSISSIPPI - dead reckoning system - requests certain information be submitted direct. L	554-4
280119	2-7	NYS	Pneumatic despatch tubes; fwds prints L	
280365	2-7	NYS To- Contractors not allowed to use pierced cable in future	Quotes from a letter from NYS requesting authority to install communication boxes 3-15th damaged cables. recommends against. L.	
280363	2-8	NYS To- Plans appvd. 3-5	Detail of electrical installation coming tower fire controll tower and cage mask. fwd prints L. Insp NYS - Will forward prints in a few days. L 4-20	

IDAHO: INT COM SYS.

Number.	Date.	From or To--	Subject.
✓ 283265	2-19	Inspr NYS	Recommends for wiring in connection with removal of 5 inch guns. L
		Inspr NYS fws interior communication plan. L	INSPR - Request action. L 3-6
		35 ins. 12 plans satisfactory with listed comments. 3-28	20- Dept alive: installation of two tor 40 defense groups per broadside instead of four originally approved. in lieu of 5" guns. 3-20
			NYS L 3-22
			20- Recommendation not appvd. 3-27
✓ 286036	3-1	NYS	Inspr NYS - R. is blue print showing list of marking telephone jacks. L 6-11
			Diagram of communication telegraph system. 215 prints. L
			Inspr NYS - Request action. L 3-15
			To - Give modifications to plans. 7-18
			NYS - Plans plans. - 4/2
			WFO - Plans plans. - 4/11
287061	3-5	NYS	Rearrangement of voice tube in plotting room - Pwd sketch L
			Pwd C&R 3-12 R B 3/22
			To C&R 3/12 - R B 4/2
			Pwd. 3-30
✓ 287204	3-5	Inspr NYS	Pneumatic dispatch tube system. Fws plan. L
9			
287207	3-5	Inspr NYS	To Insp NYS - Request action. 3-27
			1 C switch board - fws plans. L
			To - R. is prints. 3-18
			Inspr NYS - Ask if Bureau will supply part L 4-24
			To Insp NYS - motor generator not shipped from N.Y. 7-15
			Broad side director follow the pointer system - fws prints - L
287832	3/8	NYS	

IDAWO: IET COM SYS.

Number.	Date.	From or To—	Subject.
266596	12/10	NN	Reports fwding 105 21 telephones to N lscr- Cabot Co for conversion - L
267814	12/17	NYS	Interior communication switchboard - fwds print - L
268078	12/14	NYS	Method of securing battle gyre compass repeater - fwds print - Fwd Navn. 12-31 R B 1/12 - L To- Flag ap. vd. 1-16
268456	12/19	NYS	Torpedo defense salvo system - fwds prints - L To- gives modifications for plans. 12-26 NYS - 1/11 - L
269067	12/22	CER	Location of instruments in conning tower, fwds prints. L
270123	12/27	NYS Director firing system	fwds print void void
270123	12/27	NYS	Director Firing system-fwds prints.
270124	12/27	Insp NYS	Torpedo advance salvo system-fwds prints. L To- desires that one permanent and one portable salvo pilot buzzer be installed at each torpedo defense platform 1-16 NYS - fwds prints IDAWO - L - 1-24 NYS - fwds print 1/29 - L

Number.	Date.	From or To—	Subject.
✓ 271144	1/3	NYS	Alterations to plans, due to changes in director firing, sub. signal oscillator and fire control systems - fwds plans - 1 To- Regts fwd copies of plans for files. 1-16 NYS - fwds prints. 1-22 - L
271484	1/3	NYS	Switchboards for broad side director and Sperry fire control system - L To- Plans left Bu Feb. 7th. 2-18 To- Regts copy of letter 2-11 To- Regts copy of letter 2-19 NYS - fwds copy of letter 2-19 of 2-25. L 3-21 To NYS- Shipt order issued for alterations to plans due to addition of broad side directorscope contact makers and director firing system - fwds prints. 1-31
274222	1/14	NYS trans to NY of motor	Alterations to plans due to addition of broad side directorscope contact makers and director firing system - fwds prints. 1-29
✓ 274577	1/17	NYS	Broadside follow the pointer system - fwds prints. L To- Plans apvd with modifications. 1-24
✓ 274680	1/17	NYS	Fire control switchboard - fwds prints. L
274640	1/16	NYS	Method of securing arrangement of leads voice tubes in conning tower tube. L
274904	1/17	NYS	Broad side director follow the pointer switchboard - relative to location - L To- Plans apvd. 2-19 To- Have direct on location of New York Ship. Feb. 7 fwds prints. L
✓ 274998	1-25	To NYS	Approval of 5th class. But confirms understanding. L

1917

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.	
32504	10-31	NYS	Reports shipment of 125 CN telephones for the IDAHO, for conversion to the UTAH type.	629
258929	11/2	NYS	I C switchboards - fws plans - L	
258941	11/1	NYS	Ammunition supply telegraph system - fws plans - L	
32504	11-5	H-C Co.	Reports receipt of telephones for the IDAHO; can all be diverted. L	629
259575	11/8	NYS	stowage Locker for ~~stage~~ of telephone box - fws prints - L	
259608	11/7	NYS	Reports puncture of range and deflection cable by hull vent driller and To- Proposed arrangement satis and appvd.	11-13
259096	11-10	To NYS	Target bearing, target turret, multiple turret indicator system. fws prints. L To- fws prints, 11-17	

IDAHO: INT COM SYS. 563 - 4

Number.	Date.	From or To--	Subject.
261401	11/16	NYS	Voice tube panel - request action on their letter of April 19th - L To- Fwds copy of Bu's 3rd end. May 8th, 1917. 12-6
262965	11/22	NYS	Water tight telephone storage box - fwds prints - L
265306	12/4	NYS	Fire control system - fwds wiring diagram - L
266305	12/4	NYS	Switch panel for ammunition supply system - fwds prints - L To- Plans appvd. 12-11 NYS - fwds prints 12/28 L
266432	12-6	C&R	Voice tube system; fwds print. L
266548	12/11	C&R	Voice tubes between fwd torpedo defense station and plotting room - L fwd-12-18
266577	12/6 12/11	NYS C&R	Voice tube system working wiring diagram - ask if revised reqd - L fwd C&R-12-18

1917

IDAHQ: INT COM SYS.

Number.	Date.	From or To--	Subject.
246540	8/28	Bd on Changes NYS	Alteration of eight engine order telegraph dials so as to make the indication "stop" appear at the top of the dials. N
246594	9/5	To NYS	Bridge instruments. Luminous paint for. Instructions in connection with. L
247428	9/6	To NYS	Target bearing, target turret and multiple turret indicator systems. fwsd blueprints. L
249904	9/18	Ordinance	Director firing system-reqt prints. L To- fwsd blueprints as reqtd. 10-30
249108	9/18	To NYS	Director firing system. Auth install of pilot lamp indicator system in firing circuit of. L Inspr NYS--9/22. L To--Gives action. 9/25
250250	9/19	Inspr NYS	Turret ammunition indicator system-fwsd prints. L To--Plan apprd with modif. 9/25 NYS - fwsd prints 10/2 L. NYS - fwsd prints 11/9 L
250249	9/19	Inspr NYS	Torpedo Defense Salvo system-fwsd prints. L

563-4: IDAHO: INT COM SYS

Number.	Date.	From or To—	Subject.	
✓ 250535	9/21	NYS	Shaft revolution indicator system-fwds prints.L	
✓ 252307	10/1	NYS	Voice tube and call bell stations - outline of, fwds L	
✓ 252722	10/3	NYS	Fire control telephone changes - fwds prints L	
✓ 255128	10/15	NYS	Cease firing system for torpedo defense battery-fwds prints.L	
✓ 255523	10/18	C&R	Rel to changes in portable voice tubes.L C&R instrns to NYS, 10/18.L Fwd C&R-10-26	
255717	10/19	NYS	Relay handle boxes for turret sub-caliber firing-fwds print.L To- Plans appvd with modifications 11-9 NYS - fwds corrected plan 11/16 - L	
32504	10-26	To NY	Conversion of CN telephones to UTAH type. instrns in connection with.	629
257722	10/30	Ordinance Fwd Ordinance- 11-8	Inspr Ordinance NYS reports receipt of target turret transmitters-states are 5 wire instruments and wiring diagram requires 15 wire instruments.L	
✓ 258151	10/30	Inspr NYS	Director firing system-fwds plans.L	
32504	11-8	NYS	Relative to number of phones to be converted to UTAH type for IDAHO. L	629

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.
✓ 246552	8/28	Ed on Changes NYS	Omission of the cruising mechanical engine telegraph system N Fwd Sol-9/1 R B 9/8
✓ 246551	8/28	Bd on Changes NYS	Increasing the lengths of cord on certain fire control telephones and salvo buzzers N
✓ 246550	8/28	Bd on Changes NYS	Change in type of telephone switchboard N
✓ 246545	8/28	Bd on Changes NYS	Addition of a fire control telephone on circuit "JX" in the central station N
✓ 246548	8/28	Bd on Changes NYS	Alterations on ship's service telephone switchboard N
✓ 246547	8/28	Ed on Changes NYS	Change in type of fire control telephone cord N

IDAHO: INT COM SYS. 563 - 4

Number.	Date.	From or To—	Subject.
✓ 246546	8/28	Bd on Changes NYS	Addition of telephone in Chaplain's office N
246545	8/28	Bd on Changes NYS	Change from type "DB" telephones to type "DM" telephones N
246543	8/28	Bd on Changes NYS	Addition of seven type HB telephones N Fwd S 01--9/1 R B 5/7
246544	8/28	Bd on Changes NYS	Omission of mechanical engine telegraph from the canning tower N Fwd S 01--9/1 R B 9/10
✓ 246541	8/28	Bd on Changes NYS	Change in voice tube calls necessitated by the installation of voice tube from the distribution room to centrals in the adjacent rheostat room N
✓ 246542	8/28	Bd on Changes NYS	Fitting spring hooks on type HB telephones N

IDAHO: INTO COM: SYS:

1917

Number.	Date.	From or To—	Subject.
235950	6/28	NYC	Ship's telephone system - boxes for light arresters - fws prints L To—NYC 6/27/5 NY S - fws print 7/26 L
239495	7/18	NYC	Smoke telegraph system - location shown by contractors not considered satisfactory 7/16 L NYC - request action 7/30 L NYC - request action 8/1 To—Disa. NYC rec. 8/4 Ins. NY S. B/ 9-20
241274	7/28	NYC	Torpedo defense salvo system - fws prints L
241571	7/30	NYC	Voice tube system - fws print L
243634	8/10	NYC	Dead reckoning system - fws detailed plans L

IDAHO: INT: COM: SYS. 563 - 4

Number.	Date.	From or To—	Subject.
✓ 244979	8/15	NYS	Alterations - interior communication deck plans fwd's prints L
245209	8/22	NYS	Storage boxes for fire control telephones - fwd's prints L To Appvs plan. 8/30 Insert NYS-fwd's prints. 9/21.L NYS-fwd's prints. 9/21.L
244917	8/22	To NYS	Cease firing system for torpedo defense battery. Auth omission of contact maker on navigating bridge. L NYS-9/7-Nav-9/22-Comments on arrangement of instruments. L Fwd C&R-9/24
✓ 246084	8/21 8/27	GE Co S I A	Telephone cable - asks if it is to be given preference over Navy Dept's orders L & BG Fwd NYS-8/31 R B 9/13 Fwd S&A-10-3
246554	8/26	Bd on Changes NYS	Installation of a Smoke Telegraph system Fwd Sol-9/1 P B 9/7
246553	8/26	Bd on Changes NYS	Change in Interior Communication Systems Fwd Sol-9/1 n = 9/8

1917

IDAHO; IIT COM SYS.

Number.	Date.	From or To—	Subject.
✓ 2326 02	6/6	NYS	Ship revolution indicator system - fwds prints L To--Plan apvd. 6/13
✓ 232729	6/8	NYS	Fwds prints which have been modified by the addition of auxiliary lighting and rudder indicating systems L
✓ 232965	6/7	NYS	Director firing system - fwds prints L
233358	6/12	NYS	Interior Communication generators L To--lane a pvd. 6/15
✓ 233572	6/13	NYS	Voice tube and call bell station at bow - fwds prints L
235430	6-26	To C&R	Recommendations re changes in arret of instruments and voice tubes in plotting room.

562-4

IDAHO: INT COM SYS.

Number.	Date.	From or To	Subject.
234427	6/8	Fwd Dept. (Joint) 8/27 - R B 9/12 C&R.	Fwd C&R - 9/17 Arrangement of instruments on bridge and comming tower L Fwd C&R - 6/22
	6/19	Navgn	Fwd C&R - Plan satis with comment. 7/12 R B 7/18
		Fwd NYS - 7/31 R B 8/8	NYS - recommends change in location 7/18 L
		Fwd C&R via Navgn - 8/7 R B 8/17	Fwd C&R - 7/20 R B via Navgn 8/3
		C&R - 8/16 L	Fwd NYS via C&R - 7/24 R B 7/28
		To C&R - Concurs in rec. 8/23	Supt Constr request voice tube outlets be relocated - Insp recommends retention of present position L
234682	6/19	TYE	To - 8/29
235055	6/22	NYS	Automatic dead reckoning system - fwsd prints L
235109	6/22	C&R	Voice tube system L Fwd C&R - 6/28
235591	6/23	C&R	Voive tubes and instruments in central station. etc - r quest revised print be forwarded to Supt Instr. NYS L To NYS - 7/10

1917

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.
229113	5/17	NYS	Call bell system - changes in date and omission of certain voice tubes - fwds prints L
229791	5/22	C&R	Voice tube and call bell system - fwds print L Fwd C&R--5/14
229756	5/22	NYS	List of interior communication appliances - fwds L
229755	5/21	NYS	Stowage boxes for fire control telephone - fwds prints L To--Re t preliminary ests before taking action on plans. 6/2 NYS - fwds prints 7/25 L To--A. vs. 6/5
230160	5/24	NY	Electrical installation in anchor windlass room - fwds print L
230156	5/24	NYS	Call bell system - fwds print L

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.
✓ 230329	5/22	NYS	Arrangement of instruments on bridge - change in cost L Fwd Sol—Rent auth for omission. 6/1 R B 6/7 L To Gen Insp—6/11 To—Change appvd. 6/11
✓ 231061	5/30	To NYS	Target bearing, target turret and multiple turret indicator systems. Fwds Bu drawing and directs modify plans accordingly. L To—Fwds blueprints of. 6/9 To—Fwds blueprints of turret diagram. 7/5
✓ 231502	5/31	NYS	Turbo defense salvo system - fwds prints L
✓ 231501	5/31	NYS	Voice tube and call bell station at bow - fwds prints L To—Appvs. 6/6
✓ 231500	5/31	NYS	Electrical installation in steering gear room - fwds prints L

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.
✓ 224603	4/23	NY ship	Air lock indicator system - fws estimate change in cost. To—Change appvd. 5/1 To Gen Insp—5/1
224990	4/24	NYS	Interior communication system; fws estimated change in cost, due to changes in type plans and specifications. fws estimate auth for changes. 5/9 RB 5-17 To Gen Insp—5/24 To NYS—Change appvd. 5/24
225072	4/25	Norfolk VOID	& UTAH: Fire control telephone system; fws plans. 1
225072	4/24	NYS	Elec installation in central station, plotting room, etc; fws plans. 1 To—lan appvd. 5/8
✓ 225568	4/28	C&R	Typical voice tube panels; fws print. 1 Fwd C&R—5/8
✓ 225563	4/26	NYS	Additional ship's service telephones, due to omission of voice tubes; fws prints. 1
✓ 226980	5/7	NY Ship	Fire control switch board - fws prints of changes due to installation of directorscope in top 1

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.
227454	5/8	NYS	Smoke Telegraph system - fws change in cost L To--Change auth. 5/17 To Gen Insp--5/17
✓ 227453	5/8	NYS	Arrangement of apparatus in Central Station - Sub-Central, etc L
✓ 228109	5/10	NYS	Smoke telegraph system - fws prints L
✓ 228192	5/11	C&R	Voice tube system - fws prints L Fwd C&R--5/2
✓ 228469	5/14	NYS	Oil burner control system - fws change in cost L To--Change appvd. 5/23 To Gen Insp--5/24
228661	5/16	NY	Electrical installation in central station, plotting room, etc L
✓ 228841	5/16	NYS	Fws change in cost due to omission of engine telegraph in conning tower L To--Change appvd. 5/25 To Gen Insp--5/25

IDAHO: INT COM SYS.

1917

Number.	Date.	From or To	Subject.
217973	3-13	Bd on Changes, FR	Omission of battle tracer system; dec cost.N Fwd Sol--Rec appvl. 3/16 RB 3-23
217974	3-13	ditto	Omission of long base range rinder system; dec cost.N Fwd Sol--Rec appvl. 3/16 RB 3-23
217977	3-13	ditto	Omission of maneuvering telephone calls from this vessel dec cost.N Fwd Sol--Rec appvl. 3/16 RB 3e21
217978	3-13	ditto	Omission of certain calls; dec cost.N Fwd Sol--Rec appvl. 3/16 RB 3-21
217979	3-13	ditto	Omission of the loud speaking telephone sys; dec cost.N Fwd Sol--Rec appvl. 3/16 RB 3-22
217807	3/14	To NYS	Shaft revolution indicator system. Install auth in center engine room of. Will appv install of a one circuit transmitter and one indicator for each set. L NYS takes plans & est will be fwded when completed. 1/13
218527	3/16	NYS	Oil burner control system, elec; fwds wiring diagram L To--Plans appvd. 3/22 NYS fwds plan 3/24
223660	4/18	NYS	Rudder and auxiliary rudder indicator sys- tem; request approval of Cory plan. L To--Plans appvd. 4/24 NYS - fwds print 3/16 L

IDAMO: INT COM SYS. 563-4

Number.	Date.	From or To—	Subject.
✓ 218647	3-17	NYS	Pedestals for bridge instruments; quotes Cory's drawing number to be followed. L.
✓ 219480	3-23	Pitts	Director firing motor generator; inspection reports; fwds. L.
220079	3-27	C&R	Arrgt instruments on bridge and conning tower; fwds plans and comments. L. Add 3d plan, battle plan, 4/7 To NYS—Fwds blue prints. L. 4/17
218157	3/24	To NYS	Add'l ship's service telephones, due to omission of certain voice tubes. L. NYS plans & est will be fwded when completed. 4/13
220209	3-29	NYS	Fire control switchboard; plan. L. To—Plans should be modified by addition of directorscope cut out switches in tops. 4/3
220997	4-4	NYS	Torp defence salvo system; recommends approval of Cory plans with certain changes. L. To—Plan 4, 4, 10
221026	4-3	NYS	Instruments on bridge; arrangement. L. To—Fwds copy of Bu comments on 4/7 To—Fwds copies of plan showing 4/10
✓ 220351	3-30	C&R	Voice tube system; plan. L. Add C&R—4/21
✓ 222043	4-10	NYS	St wage boxes fire control telephone; suggestions for making up; Supt Constr asks if under cog of 3d (Cross Cog) To—Comments n. 4/17

IDAHO: INT COM SYS.

1917

Number.	Date.	From or To—	Subject.
✓ 215135	2-17	NYS	Call bell system; alterations wiring diagram.L
✓ 215081	2/19	To NYS	Fwd blue prints covering install of oil burner control system. LN
✓ 215068	2-23	NYS	Call bell system; plan.L
✓ 215354	2/21	To NYS	Directs certain changes due to installation of directorscopes in tops. LN NYS fws wiring diagram 3/9
✓ 21627	2-26	NYS	Fire alarm system; fws list of thermostats and wiring diagram.L
215964	2-26	TO NYS	Rudder Indicator and auxiliary rudder indicator combined; reqt plans, est, etc. L
216372	3-6	NYS	Automatic dead reckoning system; plan.L Fwd Navgn—For comment. 3/10R3 4-7 Fwd NYS—4/10R3 4-16
✓ 217634	3-10	NYS	Sperry fire control system; request Sperry Co. send representative to confer with contractor. L To—Concurs. 3/19

IDAHO: INT COM SYS. 563-4

Number.	Date.	From or To—	Subject.	
217678	3-9	NYS	Central station, plotting room, sub and I-C ooms; elec installation; fws mod plan.1	
217592	3-9	NYS	Director Firing system; wiring diagram; fws.1	
214393	3/12	To C&R	Voice tube system. Lists changes rec.	554-4
217812	3-10	NYS	I-C and action cut out switchboard; plan.1	
	To—Gives	requirements.4/4	To—Plan appvd. 3/22	3/28
217811	3-9	NYS	NYS rec wiring conform to appd elementary plan.1	
	NYS fws	plan 3/26	Smoke telegraph system; plan.1	
217967	3-13	Bd on Changes, NYS	To—lan appvd with comment. 3/22	
			Omission of certain interior communication systems due to omission of the after torp room. dec cost. N	
			Fwd Sol—Rec appvl.3/16 R3 3-21	
217969	3-13	ditto	Omission of fire alarm annunciators in the fire ex. in. pulser stations, etc. dec cost. N	
			Fwd Sol—Rec appvl. 3/16 R3 3-21	
217974	3-13	ditto	Changing the wire markings on certain interior communication plans. N	
			Fwd Sol—Rec appvl.3/16	
217972	3-13	ditto	Omission of wt door indicator system. Dec. N	
			Fwd Sol—Rec appvl.3/16 R3 3-21	

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.
✓ 212198	1-22	NYS	Maneuvering telephone calls; omission; dec cost.L Fwd NYS--1/29--1-31 Fwd Col--For auth. 2/3 R 2-9 To--Ch nce appv. 2/13 To Gen Insp--2/13
✓ 212353	1-23	NYS	Switch panels for air craft gun telephones. fwd plan.L To--Plan appvd. 1/29
212649	1-26	NYS	Gun firing system; request action on static transformers be expedited.L To--Instrns re proceeding with work. 1/31
212679	1-23	NYS	Stowage boxes fire control telephones; plan.L To--Plan appvd with L.O.L.F. 2/3 NYS fws list of stowage boxes 2/9
212533	1/25	To NYS	Fwd copy of letter from Navgn re automatic dead reckoning tracer system. L
✓ 212896	1-29	NYS	Push buttons in stateroom; fws type plan.L
213447	2-2	NYS To Gen Insp. 2/13	Voice tube calls; estimated Inccost.L Fwd--Rent numbers of plane. 2/7 R 3-10 To--Ch nce appv. 2/13
203448	2-1	NYS	Loud speaking telephones; omission; dec cost.L To Gen Insp--2/10 To--Ch nce appv. 2/10
213450 VCID- Over	2-2	C&R	Instruments on bridge; relative to height of.L

IDAHO: INT COM SYS. 563-4

Number.	Date.	From or To—	Subject.
✓ 213450	2-2	C&R	Instruments on bridge; relative to height of.L Fwd C&R via Navgn--2/8
✓ 213595	2-2	NYS	Omission elec installation on account omission after torp room; est dec cost.L Fwd Col--Reqt auth for change. 2/10RB 2-16 To Gen Insp--2/19 To--Change appvd. 2/19
✓ 213358	2/5	To NYS	Motor generators for. Automatic control panel. Satis. to omit automatic switch from switchboard and locate same on step up motor generator starting panel. L
213851	2-1	NYS To Insp Phil Reqt cost Report. 2/24	Sound proof telephone booths; est inc cost.L Fwd--Directs revised astto cover elec work. 2/10 To--2-19 To--Appvs est. 2/24
213852	2-1	NYS	Fire control telephone system; anti air craft; inc cost.L Fwd--Returns ests for revision. 2/10RB 2-16 To--Change appvd. 2/19 To Gen Insp--2/19
213854	2-1	NYS	Engine room telegraph; inc cost. L To Gen Insp--2/10 To--Change appvd. 2/10
213855	2-1	NYS	Plotting indicator in conning tower; inc. L To Gen Insp--2/10 To--Change appvd. 2/10
213856	2-1	NYS	Markings on I-C plans; inc cost. L To Gen Insp--2/10 To--Change appvd. 2/10
214007	1-31 2-3 2-7	C&R Navgn Ord	Genl arrgt instruments, voice tubes, etc. in central station and plotting room; plan.L Fwd C&R--Fl n satis with comment. 2/10

IDAHO: INT. COM. SYS.

Number.	Date.	From or To—	Subject.
209500	12/22	C&R	Instruments on bridge; copy of instructions to Supt Constr NYS.L
210343	1/3	NYS	Voice tube system for 3, 4, 5 and 6 search-lights; lists what intend to furnish.L By C&R notes; recommendations 1-12 To -- comments 1-12
210681	1-3	NYS	Anti aircraft fire control telephones; plan.L To--Plan appvd. 1/10 NYS fws plans 1/11
211135	1-10	NYS	Typical voice tube panels; plan.L To -- submit thru C&R 1-12
211219	1-11	NYS	Push buttons in stateroom; contractors proposed type 1 seawater tight.L To -- appvd 1/12
211212	1-10	NYS	Voice tube system; fws plan recommends omission of certain tubes to radio room.L Fwd C&R--With rec. 1/25 RB 2-3
211732	1-16	NYS	Call bell system; fws plan.L To--Plans appvd with modifi. 1/25 NYS recommends return calls for voice tube 185. flag radio in auxillary radio rooms 2/8 To--Appvs rec. 2/10

IDAHO: INT COM SYS. 563-4

Number.	Date.	From or To—	Subject.
✓ 211815	1-17	NYS	Voice tube calls; estimated inc cost for tubes from distribution room to rheostat room. L To—Change appvd. 1/26 To Gen Insp--1/26
✓ 211816	1-17	NYS	Call bell system; est dec cost. L Fwd Sol--1/26 3-2-7 To Gen Insp--2/10 To—Change appvd. 2/10
✓ 211817	1-17	NYWS	Inc cost for fitting spring clips on telephones. L To Gen Insp--1/26 To—Change appvd. 1/26
✓ 211432	1/17 To—Appva	To NYS plan. 2/22	Auth install of a permanent system of salvo buzzers for torpedo defense guns, and change in transfer switches. Reqt revised est and plans. L To—Instrns. 2/10 NYS wiring diagram; fwsd revised 2/17 NYS revised wiring diagram; fwsd 3/9 NYS gives no of copy plan 3-17
212092	1-20 NYS fwsd Supt Const's comments on type of stuffing tube proposed by contractors 2/28	NYS	Steering gear room; elec apparatus and voice tubes; fwsd plan. L To—Reqt sketch showing conduit stuffing tube with cast on flange as referred to. 1/30
211946	1/19	To NYS	Fwsd blue prints of plan wiring arret of automatic dead reckoning tracer system. L
212213	1-22 Fwd C&R--With rec. 3/27 RB 4-2 Fwd NYS--4/4 RB 4-6	C&R	Sound booths; voice tubes, and telephones in fire rooms. L Fwd C&R--2/7 NYS (joint) rec. location sound proof booth 3/21
212203	1-22 To—Bu will order leather. 2/19	NYS	Stowage boxes fire control telephones; contractors state will involve inc cost. L To—Comments on. 1/27 NYS contractors request government furnish leather stowage boxes 2/15

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.
206060	11-17	NYS	Fire alarm system; dec cost. L
		To—Change appvd. 12/22	To Sol—Reqd auth for change. 12/6 12-5 To Gen Inspr--12/22
206079	11-17	NYS	Telephone cord; inc length; inc cost. L
			To Gen Inspr--12/6 To—Change appvd. 12/6
206077	11-17	NYS	Telephone switchboard; inc cost. L
			To Gen Inspr--12/6 To—Change appvd. 12/6
206075	11-17	NYS	W-T dorr signal system; dec cost; omission. L
			To Sol—Reqd auth for change. 12/6 12-13 To Gen Inspr--12/22 To—Change appvd. 12/22
206889	11-29	NYS	Telephone system; submits list of stowage boxes, fuse boxes, etc. required. L
			To—Non water-tight leather tele stowage boxes will be provided for fire control tele. 12/6 NYS recommendations for stowage 12/22 To—A. N. S. rec. 1/2
207169	12-2	NYS	Director firing motor generator sets; plans. L
			To—Appvs plan subject to satis test. 12/13
207079	12/4	To NYS	Have appvd addition of spring hook for Western Elec Type HBC telephones to secure the receiver. L
208038	12-8	NYS	Fire control switchboard; wds plans. L
		To NYS fnds copy of letter from Sperry Co with instrns 2/20	To—Plan appvd. 12/19 To—Fnds plan. 12/22 Cramps mod plan 2-5 To Sperry Co—Reqd number of poles reqd for each transfer switch, also whether fuses are required. 2/9 Sperry Co fnds plans and suggestions for arrangement 2/14

IDAH0: INT COM SYS. 563-4

Number.	Date.	From or To—	Subject.
✓ 207631	12-6	NYS	Fire control telephones for anti-craft guns; air Fwds wiring diagrams.L To—Plan appvd. 12/11 NYS 12/12
✓ 207632	12-5	NYS	Changes in torp firing apparatus due to omission of torp room; Fwds wiring plan.L
208277	12/11	C&R	Sound proof booths for voice tubes and telephones in fire rooms and torpedo rooms; Fwds correspondence with NYS Co.L Fwd C&R—With rec. 12/28
✓ 208718	12-14	NYS	Request authority to drawings push buttons.L
✓ 208770	12-15	C&R	Arrgt instruments on bridge.L Fwd C&R—Fwds b/p for comment. 12/19
208769	11-22	NY NEW MEXICO	Sound proof booth for voice tubes; and telephones; est inc cost; C&R recommends telephones; be extended to MISS: IDAH0: TENN: C LIP. 554-4
✓ 209065	12-18	NYS	Elec indicator system for steering telemeter; est inc cost.L To Gen Inscr—12/28 To—C&R—appvd. 12/29
✓ 209211	12-18	NYS	Automatic dead reckoning system; plan.L To—Plan has been appvd. 12/28
✓ 209475	12/22	NYS	Additional record books; submits estimate for inc cost.L

IDAHO: INT COM SYS

Number.	Date.	From or To—	Subject.
202243	10-13	C&R	Contractors request instructions relative to providing for set of portable lead voice tubes: turret barbettes.L Fwd C&R--10/23
202823	10/17	NYS	Fire control switchboards: fws prints.L To--Plan appvd with modifi. 10/24
203406	10-23	NYS	Telephone system: fws plans showing alterations in size connection box on 3 rd deck.L
204013	10/31	To NYS	Reqd certain information concerning voice tube installations on, also plan showing installation. L
204718	11-4	NYS	Smoke indicating system; contractors request print:L To--Disappvs plans. 11/18
204784	11-6	NYS	1-C deck plans; fws.L To--Plans appvd with comment. in detail. 12/9 NYS fws altered plans 1/23 NYS mod plans 3-1
205313	11-1 11-8 11-11	C&R Ord Navgn	Genl arret of instruments, voice tubes, etc in central, sub-central, sub and 1-C stations.L Fwd C&R--Plans satis with comment. 11/17
205567	11-13	NYS	Reports approving Cory type single firing key panels for corp Control stations.L

IDAHO: INT COM SYS*

563 -- 4

Number.	Date.	From or To—	Subject.
206426	11/14	To NN	Fwds b/p of Sperry plan showing proposed wiring for automatic dead reckoning system for plans and ests for installation on. L
205526	11-13	NYS To--Directs 24" pedestals be used for all bridge instruments. 1/18	Instruments on bridge; fwds plan with comments. To NN--Fwds plan for comment and rec. 11/21 NYS see letter of Nov. 13th 12/5 To--Fwds plan of as finally appvd. 12/28 NYS contractors give proposed height of instruments on bridge 1/15
205709	11-13	NYS	Voice tubes; call bell stations; fwds plans L To--Plan satis. 12/6
206101	11-9	NYS To--Change appvd. 12/26	Ships service telephone system/ inc cost. L Fwd Sol--Reqt auth for change. 12/6 12-13
206099	11-17	NYS	Auxiliary rudder indicator system; inc cost. L To--Change appvd. 12/5 To Gen Insp--12/5
206098	11-9	NYS	Ships service telephone system; inc cost. L To Sol--Reqt auth for change. 12/6 12-13 To Gen Insp--12/5
206096	11-17	NYS	Telephone system; inc cost. L To--Change appvd. 12/5 To Gen Insp--12/5
206095	11-9	NYS	Battle tracer system; dec cost; omission. L To--Change appvd. 12/5 To Gen Insp--12/5
206093	11-17	NYS	Telephone in Chaplains office; inc cost. L To--Change appvd. 12/5 To Gen Insp--12/5
206082	11-17	NYS	Long base range finder; omission; dec cost. L To Gen Insp--12/6 To--Change appvd. 12/6

1976

IDAHO: INT COM SYS.

Number.	Date.	From or To--	Subject.	
199471	9-15	NYS	Turret salvo system; fwds wiring diagram.	L
199775	9-11	NYS	Shaft speed indicator; plan.	L
199532	9-15	C&R	Arrgt turret officers station; plan.	L
199821	9-19	NYS	Fire control and maneuvering telephone jacks; list of markings; fwds.	L
			To--Approved subject to corrections 9/27 NYS fwds plans 9-29	
199530	9/16	Ord	& Idaho; range and deflection instruments; fwds revised plan.	L 554-4
200165	9-23	NYS	Gyro compass and fire control systems; fwds modified plans.	L
200229	To--Considered as change. 10/26 9-22 C&R C&R asks if additional voice tubes are change in contract 10/21			
200411	9-25	NYS	Voice tube system; plan.	L
		To C&R--Plans satis to Bu, subject to comment.		10/16
		To NYS--Submits list of voice tubes rec to C&R to be installed.		10/16
		Torp defence and salvo syst em;	plan.	L

IDAHO: INT COM SYS. 563-4

Number.	Date.	From or To—	Subject.
✓ 200558	9-27	NYS	Turret training warning signal system; addition of ; inc cost. L To--Change appvd.10/4 To Gen Insp--10/4
✓ 200559	9-27	NYS	Fire control telephone changes; inc cost. L To Gen Insp--10/4 To-- Change appvd.10/4
200918	10-2	NYS	Telephone system; fwds plan.L
200912	10-2	NYS	Central, sub, plotting and I-C systems; arrgt instruments.L
200914	10-2	NYS	Rudder indicator system; prints.L
✓ 200763	9/30	To NYS	Gives schedule of capacity of gun firing motor generators and transformers.L To--Gives type will appv. 4/2
200664	9/30	To Pitts.	Bu has requested West. Elec. Co. to furnish prints of telephones.L To West Elec Co--Reqt prints be furnished Pitts. 9/30
201389	10-6	NYS	Mechanical I-C deck plans.L
201638	10-9	NYS	Telephone system; contractors entitled to inc cost for if telephones placed in ward room.L To--Modify plans so as to include tele in wardroom. No change in contract. 10/16
		NYS tele sys; altered plan 11-3	

1918

IDAHO: INT. COM. SYS.

Number.	Date.	From or To	
194368	7/22	NYS	NYS - request print 7/18 L To NYS--NY will fwd. 7/20 Director firing system; fwds plans. L
194690	7/25	NYS	To-- Appvs. 7/25 To-- [unclear] showing latest [unclear] 7/25 Omission of gongs; engine rooms; contractors request instructions. L To-- Bu will accept gongs and pulls, same to be delivered at NY. 8/2 NYS contrs directed to deliver NY YD 8/3 Reqd one fire control teleph. one be added in central station on circuit JX
194108	7/21	NYS NY	554-4
✓ 195175	8-1	To NYS.	Interior communication switchboard; fwds plans for guide for preparation of plans. L
✓ 195378	7/25	NYS	Ship's service telephone switchboard; est inc. cost. L To-- Appvs. 8/9 To Gen Insp--8/9
✓ 195713	8/4	C&R	Cage mats; fwds plan. L To-- Plans satis. 8/10
196199	8/10	NYS	Elec steering telemotor indicating system; fwds plans. L Fwd C&R-- for comment. 8/16 BB 8/25 To NYS-- ap: pvd. with minor change 8-29 NYS wiring diagram 8-11
196198	8/10	NYS	List of interior communication appliances; fwds. L
✓ 196295	8/11	NYS	Range and deflection system; fwds wiring diagrams. L
✓ 196306	7/25 7/28	NYS C&R	Arrangement of turret officers' station. L Fwd C&R-- Comments on 8/10

IDAHO: INT. COM. SYS. 563 -- 4

Number.	Date.	From or To—	Subject.
✓ 196513	7/19 8/11	C&R Ord	Arrangement of turret officers' station; fwds prints and comments.L Fwd C&R—Appvs with modi 8/15
✓ 196354	8-12	To NYS.	Makes modification in interior communica- tion systems. L
197091	8-18	NYS	Telephone systems; fwds plans and lists.L To — appd 8-22
197644	N	NYS	Air lock indicator system; plans.L To — appvd. 8-29
197923	8-24	NYS	Change in fire control telephone cord; inc Cost. L To — Change appvd. 9/6 To Gen Insp — 9/6
198440	9/5	NYS NYS mod plan 11-3 To — Contr's plan appvd. 11/11	Length of portable cord for fire control telephones.L To — Directs contr's submit list of various lengths of cord require. 9/14
198478	9/1	NYS	Fire control system; fwds plans.L To — Appvs with modi 9/14 NYS fwds revised print 10-2
199232	9-13	NYS	Air lock indicator system; asks that Navy take surplus contract makers.L To — Appvs taking over by Navy. 9/19
199457	9-14	Sperry Co	Automatic dead reckoning instruments; request detailed information relative to shifts.

562-4

IDAHO: INT COM SYS

1916

Number.	Date.	From or To—	Subject.	
✓ 192143	6-29	NYS	Director firing system; asks type contact maker; also date of delivery of apparatus. L To—Take up with Insp Ordance. 7/6	
✓ 192259	6-30	NYS	Request approval of Cory type plans for telephone motor generator and dynamotor L To—Appvs; 7/6	
✓ 192260	6-30	NYS	Gongs ordered omitted have been practically completed. L To—Turn over to NY for disposition, 7/6	
✓ 192215	6-30	To NYS.	Voice tube system; recd copy of contr's pan 160-487-HI corrected to date. L NYS fws plans 7/6	
192009	6/29	T _a C&R	Arrangements of voice tubes in engine rooms; recommends change in	562-4
192052	6/29	To Western Elec Co	Bu has decided to substitute a black enamel finish for the nickel finish on future orders for ships' service telephone instruments; desires change apply to MISS and IDAHO if practicable	717
191976	6/27	Ord	Arrangement deflector instruments Mark VI; fws plan	554-4
192660	7/6	NYS	Torp defence salvo system; fws prints. L	

IDAHO: INT. COM. SYS. 563 -- 4

Number.	Date.	From or To—	Subject.
192826	7/7	NYS	Changes due to omission of after torp tubes; fws plans.L To— "ppvs as modified. 7/12
193577	7/14	C&R	Voice tubes between shaft alleys.L Retd—Satis to Bu. 7/17
173689	7/14	NYS	Spares for fire control telephones and switchboards for same .L
193688	7/14	NYS	Call bell system; working diagram; fws plan.L
193690	7/14	NYS	Wiring diagram of supply to Pneumercator system; fws plans.L To—Appvs. 7/19
193814	7/17	NYS	Fws plans of IC wiring, port and stbd wiring passages.L To—Appvs with comment. 7/26
194031	7-20,	To NYS.	Ship's service telephone system; lists telephones to be added to. L
194178	7/20	NYS	Request action on gun firing motor generators and transformers be expedited.L To—Fws copy 178642-5631-4 showing action. 7/26
194177	7/20	NYS	IC motor generators; asks confirmation of using automatic starter on panel.L To—Confirms. 7/25
194176	7/20	NY	Arrangement of instruments in central sub plotting room station; request action be expedited. Fwd Ord via C&R-Nav-- 7/25 RB 8/1

IDAHO; INT; COM; SYS;

Number.	Date.	From or To--	Subject.
187213	5-9	To NYS.	Interior communication; fwds drawings of.L
188173	5-17	NYS	Director firing system; fwds wiring diagram.L To-- Appvs with modifications, 5/24
188366	5-18	NYS	Telephone system; mod plans. To--Appvs with modi. 5/23 NYS fwds plans 6-16
189174	5/26	NYS	Telephones; recommends approval of details, Cory type.L TO NYS appvs 6-1
189095	5-26	To NYS.	Directs omission of engine gong pulls. L
190588	6-10	NYS	Salvo system; fwds modified plan.L
190620	6-10	NYS	Fire control telephone system; fwds plans.L To--Appvs with modi. 6/15 NYS fire control switchboards; fwds corrected copy name plate markings 7/25
191052	6/16	NYS	Range and deflection system; wiring plans; fwds.L To--Appvs as modi. 6/20
191051	6/16	NYS	Engine room gongs; omission of; fwds altered plans.L

563 -- 4 IDAHO; INT COM SYS;

Number.	Date.	From or To—	Subject.	
✓ 190966	6-16	To NYS.	Bu Ordnance states it is improbable that battle tracer system will be furnished; rect orders for wire and wiring appliances for be held up. L	
✓ 191288	6-20	NYS	Elec indicator system for steering telemotors; fwds plan.L To--Appvs with modi: 7/1	
191381	6-21	NYS	List of I-C appliances; fwds.L To-- Appvs with modi: 6/22	
191383	6-21	NYS	Director firing system; wiring diagram.L To--fwds prints covering addition. 7/7	
191545	6-22	C&R	Omission of voice tubes after torp room.L Retd. Recommend be retained. 6/29 C&R fwds copy of action 6-29	
191735	6-23	NYS	Instruments and voice tubes in central, sub, plotting and I-C rooms; f de plan. Fwd Ord via C&R-Nav--For comment: 7/3AB 8/15 Fwd C&R via Naven 8-23. BY 12-6 Fwd NYS--Appvs with modi: 5/14-AB 927	
✓ 191836	6-26	H-C Co	Request type of 6" bells for telephone sys.L To-- 6/29	
192103	6/28	GE	Motor generators: I-C panels for; asks if step up type to be used	562-4

IDAHQ: INT COM SYS

Number.	Date.	From or To—	Subject.
180874	3-6	NYS	Changes in fire control; reqt instructions re disposition of apparatus already completed which will have to be replaced. L To--Instructions. 3/9
180981	3-7	NYS	Telephone system; fws wiring dia. ams/L To-- Appvs with mod. 3/13 NYS 3/15 To NYS-- bring to attention of officers assigned 3-20 NYS recommends approval 3-28 To-- Appvs. 4/1 To--Bu will appv type C-154 ship's service tele switchboard for 4/27
182210	3-21	NYS	Range and deflection system; fws wiring plan. L To--Ord--For com.e.t. 3/23 RB 3/28 Fwd NYS--Appvs with mod. 3/30 RB 4/3
182212	3-21	NYS	Call bell system; fws wiring diagram and wire sizes. L To--fws copy of letter sent C&R in regard to change in call bell system. 3/29
180935	3-24	To NYS.	Water-tight box for type HB telephone; Bu will give consideration to housing all telephones on weather decks as change under contract. L
182863	3-27	To NYS.	Director firing system; fws prints showing; alteration in. L
183802	4/5	NYS	Fire control changes and alterations; fws prints. L To-- Appvs as mod. 4/12
184605	4/12	NYS	Shaft speed indicator; fws prints. L

IDAHO: INT. COM. SYS. 563 -- 4

Number.	Date.	From or To--	Subject.
184735	4/13	NYS	Gyro compass and fire control systems;
	To NYS 8/31	Fwd Navgh 8/31	fwds prints.L.
	Sperry Co switches are un-		FWC via Nav--For comment. 4/25 RB 5/22
	necessary 6-8		NYS rect action 5-4
	Fwd NYS--Appvs with comments 6/12	RB 7/31	Fwd Ord Via Nav-- 5/8 RB 5/22
	To Ord-- 6/12		To Sperry Gyroscope Co-- Asks if switches
185918	4-26	NYS	shall be provided for future vessels. 5/25
	Fwd Ord Via Nav--8/1 RB 8/24		Alterations to indicators in engine room tele-
			graphs.L
			To--Appvs alteration in: 4/28
185757	4-26	To NYS.	Lists changes authorized due to omission
			of after tor edg tubes; submit estimates
			covering change. L
186100	4-26	NYS	I-C changes; caused by omission after torp
			tubes.L
			To--Appvs omission: 5/1
			NYS comments on plan 5-9
186408	5-2	To NYS.	Arrangement of current supply interior
			communication switchboard; gives modl in.L
186911	5-2	NYS	Boat hour gong system; corrected plan.L
186604	5-5	To NYS.	Mechanical interior communication; fwds
			copy letter sent C&R. L
			To C&R--Appvs plans with modl: 5/5
			NYS plans 5-16
			To--withhold action for present: 5/25
186921	5-4	C&R	Turret officers station; fwds plans and comments
			To NYS--5/11
			NYS rect copy of turret lighting plan 5-12
			Fwd C&R Via Ord-- Plan satis. 5/12 RB 6/21
			To NYS--Fwds print of. 5/16
			Fwd C&R--Noted. 6/29
			To Ord--fwds print covering changes. 6/29

IDAHO: INT COM SYS:

1916

Number.	Date.	From or To--	Subject.
175497	1-7	To NYS.	Interior communication switchboard; auxiliary lighting battery switches will be installed an. L
175927	12-28	NYS To NYS--Appls with modi. 3/7	Mechanical interior communications systems: fwd plan. L NYS Reqt. action. 1/13 Fwd C&R via Ord--For comment. 1/14 RB 2/16 NYS--Reqt action. 3/3
176120	1-12	C&R	14" turrets; aragt turret officers station: fwd plans and comments. L Retd via Ord--Appls with modi. 1/21 RB 2/16 To NYS--Fwds copy above 1/21 Fwd C&R-- 2/24
175949	1-13	To NYS.	Fire control switchboard; fwd plan of. L
176180	1-13	NYS	Fire control telephones: cord already in stock; if changed will necessitate inc cost. L To--Authorizes change in. 1/17
176189	1-13	NYS	Fire control and gyro compass systems: reqt wiring diagrams for sup ly panels. L Fwd Nav--For comment. 1/17 RB 2/9 To--Fwds print of Sperry plan. 2/14
176502	1-17	C&R	Fire control telephones: trunks for: plan. L Retd--Satis. 1/19 To NYS-- Fwds copy above. 1/19
177451	1-28	NYS	Call bell system: fwd wiring diagram. L To-- Appls with modi. 2/3
177513	1-28	NYS	SUBmits list of detail drawings for fire control telephones; Cory type; reqt approval. D To-- Appls. 2/2

563 -- 4 IDAHO: INT COM SYS:

Number.	Date.	From or To--	Subject.
177888	2-2	To NYS.	Arrangement of instruments in central station, plotting room, etc. fws plans of. L To--Fws prints superseding above. 3/25
178524	2-8	NYS	Secondary revolution counter system; fws plans. L To--Appvs. 2/12
178642	2-9	NYS	Asks definite instructions relative to gun firing motor generator and transformers required. L Fwd C&R--2/12 RB 2/23 Tp--Fws prints of installation. 2/28
178878	2-8	C&R	Voice tubes; fws plans and comments. L Retd--Appvs with modi. 2/24
179111	2-15	To NYS.	Gives modifications authorized in fire control as recommended by Report of Fire Control Board, reqt estimates covering. L
180087	2-25	NYS	Fire control systems; reqt information re switches, etc. L To--Fws plans for use in preparation. 3/3
180469	2-15	C&R	Mechanical interior communication; fws plans & comments. L Fwd C&R--1, 1 vs with modi. 3/7
180642	3/3	NYS	Fire control telephone switchboard; fws prints. L To--Appvs. 3/8
180843	2-27	NYS	I-C and deck plans. L
	To NYS--	Directs modi in. 6/5	To--Lists certain I-C plans not yet submitted. 3/14
180810	3-5	C&R	Fire cont. of voice tubes; asks if additional are being installed. L To--Gives voice tubes required. 3/8

IDAHO: INT COM SYS.

915

Number.	Date.	From or To--	Subject.
✓ 169433	10-26	NYS	Turret salvo firing; wiring diagram.L
✓ 169434	10 26	NYS	Torp firing system; wiring diagram.L
170280	11-4	NYS	Torp firing system; wiring diagram.L
170278	11-4	NYS	Torp defence salvo sys: name plate markings for jacks:
170639	11-8	NYS	Torp firing system; contractors request permission to use 5 amp switch as shown on drawing 2078-L To--Appvs use of switch. 11/10
✓ 170838	11-10	Ord	Voice tubes; fire control; fwds print with comments. L Fwd C&R--11/13
✓ 171543	11-18	To NYS.	Repair stations; fire control. gives appvd location of? K
✓ 171658	11/18	NYS	Fire alarm system; fwds modified plans.L
171657	11/18	NYS	Torpedo firing system; fwds plan.L
171656	11/18	NYS	Steering telegraph system; wiring diagram; fwds modified plan.L
171655	11/18	NYS	Engine revolution telegraph system; fwds modified plan.L

IDAHO: INT. COM. SYS. 563 -- 4

Number.	Date.	From or To—	Subject.	
171725	11/19	NYS	Rudder angle and auxiliary angle transmitters; location of; fwds plan.L	
172249	11-24	C&R	Trunks for fire control telephone; fwds plan.L Retd--Appls with modif. 12/6 To NYS - fwds copy above. 12/6	
172866	12-3	To NYS.	Fire alarm system; recd copy of elementary and working wiring diagrams of. L NYS fwds plans 12-14	
172843	12/1	Western Elec Co	Fwds print showing ship's service telephone which they propose to furnish	562-4
173818	12-14	TO NYS	Long base range finder sys; auth omission.L (172930-554-4)	
173893	12-15	TO NYS	Ship's service telephone system; re omit busses, separate, in switchboard.	
174028	12-14	NYS	Telephone system; wiring diagram; fwds.L	
174430	12-21	To NYS.	Ship's service telephone system; directs change in. L	
174962	12-29	To NYS.	Gyro compass system; fwds plans of for guide in preparation of elementary wiring diagram. L	
175362	1-4	N S	Range and deflection system; recd definite instructions for making wiring diagrams for.L Retd via Ord-- 1/8 RS 1/14	

IDAHO: INT. COM. SYSTEM.

1915

Number.	Date.	From or To—	Subject.
166563	9/23	NYS	Gun firing system; Contra request that change from rotary converters in motor generators be not made. L
166796	9/24	G&R	Cage mast: fwds tracing. L
166852	9/27	NYS	Air lock indicator system: fwds plans. L
166980	9/27	NYS	Fire alarm system: fwds wiring diagram. L
Mis subcontractors wire to hold up work on 10/23			To-- Appva with modi. 10/2
166999	9/29	NYS	To-- Chit fire alarm annunciators: 10/13
			To NYS 10/21
			Torpedo firing system: fwds wiring diagrams. L
			To-- Appvs with modi. 10/4
			NYS returns corrected 10-11
166998	9/29	NYS	Whistle operating system: wiring diagram: fwds. L
			To-- Appvs. 10/4
166869	9-28	To NYS.	Type plan action cut-out switchboard; fwds plan of. L
167106	9/29	NYS	Steering telegraph system wiring diagram: fwds. L
			To-- Appva. 10/4
167139	9/30	NYS	Cease firing gong system: fwds wiring plans. L
			To-- Appva. 10/6
167247	10/1	NN	NYS fwds corrected plan 10-11
167248	10/1	NYS	VOID
			Gun firing system: fwds wiring diagram rotor converter. L
			To-- Disappvs: rent new plant. 10/6

IDAHO: INT COM SYS. 555-4

Number.	Date.	From or To--	Subject.
167352	10-2	NYS	Turret salvo system: wiring diagrams: fwds.L To--NYS. 10/6 NYS returns corrected 10-11
167353	10-2	NYS	Local turret fire control: wiring diagram.L To--Appx Disappvs. 10/6 NYS asks who will supply 10-7 To--Contr'a will furnish. 10/11
167393	10-4	To NYS.	Arrangement of instruments on bridge: direct alterations be made in.L
167552	10-6	NYS	Ships service telephone system: fwds b/p list To--NYS with modif. 10/8 NYS returns corrected 10-12 NYS 10-13
167546	10/6	To GE	Gun firing rotary converters; rotary con- verters will be eliminated owing to new system developed 562-4
167776	10-7	NYS	Torp defence salvo system: fwds wiring plans.L
167910	10-8	NYS	Voice tube system: fwds: recommends additional tube bridge to chart house. Fwd C&R-- Rec appvl. 10/12 RB 10/21 Fwd NYS-- 10/22 RB 10/26
168280	10-13	NYS	Fire alarm sys: wiring diagram.L
168513	10-15	NYS	Fire control system: fwds list of telephones, wires, etc.L To NYS 10/21
168667	10-18	NYS	Torp defence salvo: wiring diagram.L
169388	10/25	C&R	Voice tubes: fwds plans.L Retd--Appvs with modif. 11/9 To NYS--wa copy above and 11/9

IDAHO: INT: COM: SYS.

1915

Number.	Date.	From or To—	Subject.	
163802	8/19	NYS	Air lock indicator system; fwsd plans. L TO -- rect plans 8-20	
163855	8/19	Ord	Optical range finder diagram transmission system; fwsd wiring diagram TO -- App vs. 10/4	554-4
163946	8-20	NYS	Genl alarm gong system; plan. L To -- appvd. with mod. 8-23	
163945	8-20	NYS	Water tight door signal system. Plans. To -- System will be omitted. 9/9	
164103	8-23	C&R	List of voice tubes. L Retd -- App vs. 9/2	
163622	8/17	NYS 1259-37	Marking of I C circuits. L To -- submit estimate 8-23	
164706	8-31	C&R	Mechanical indicators for drainage tanks; omitted L	
164921	9-2	NN	Fire control telephones; changes requested will involve change in cost. L	
165186	9-7	To NYS.	Gun firing system; asks if gun firing rotary transformers have been ordered. L To -- fwsd print for guidance. 12/10	
165375	9-10	To NYS? SEE BELOW	Trunks for portable fire control leads; fwsd copy of letter to C&R giving location of. L NYS rect copy 9-13 To -- 9/20	
165487	9-10	To NYS.	Optical range finder transmitting system; fwsd prints of. L To -- fwsd add prints. 1/4	
165375		SEE ABOVE To NYS -- fwsd prints. 9/24	NYS-Rect prints; calls attention to short- age of office force. 9/21. L NYS-print not recd. 9/29.	

IDAHD: INT COM SYS. 563-4

Number.	Date.	From or To--	Subject.
165610	9-11	C&R	Voice tubes for 5" guns. L Fwd Ord--Comments 9/17
✓ 165818	9-10	NYS	Torp defence salvo system. L To-- Disapps; resubmit plans. 9/20
✓ 166252	9-21	To NYS.	To NYS. Loud speaking telephone system; authorize omission of. L
166400	9/21	Ord	Voice tubes; rec. supplying 5-inch gun mounts with voice tubes attached. L Fwd C&R-- Comments on 9/27 RB 10/4 Fwd Ord-- Noted. 10/7
✓ 166452	9/22	C&R	Drainage tank signal system; states in- stallation of pneumercators under C&R will eliminate elec. signals under S.E. L Retd-- Comments on 10/4 RB 10/14 Fwd C&R-- 10/29
✓ 166526	9/23	NYS	Gen. alarm gong system; wiring diagram; fws. L
166527	9/23	NYS	Marking of I.C. leads; fws prints/ L
166529	9/23	NYS	Rudder indicator system; wiring diagrams. fws. L
✓ 166530	9/23	NYS	Eng. rev. telegraph system; wiring dia- gram; fws. L

Number.	Date.	From or To—	Subject.
341829	9-24	Ins NY Ship	Call bell system fwds prints.
353365	9-27	J&R	Voice tubes for radio station fwds prints L
353960	9-28	Ordnance	Insp. at Cameria r.e. drawing of wiring of diagram of turret gun firing
354227	9-30	NY ship	changes in plotting relative to changes in location of voice tubes instruments etc L
354226	9-30	NY ship	speaking telephone and buzzers signal system for radio construction req. additional information L

IDAHO: INT COM SYS

Number.	Date.	From or To--	Subject.
160803	7-14	NYS	Engine order tel system; wiring diagram. To-- Appva. 7/20
160901	7-16	NYS	Boat hour gong system; fwds plan. L
161049	7-14	NYS 1053-3310	Engine revolution telegraph sys; wiring diagram. L To-- Appva with mod. 7/24
161294	7-20	NYS	Warning signal system; fwds list of howlers wiring diagrams etc. L To-- Appva w th mod. 7/24 NYS reqt further information 7/28 To-- Gives information. 8/4
161329	7-22	NYS	Coby type plan; torp firing key; reqt approval. L To-- Appva. 7/24
161330	7-22	NYS	Portable contact maker for salvo sys; reqt. L To-- Appva subject to operation. 7/24
161360	7-23	To NYS.	Marking of interior communication leads; gives instructions for. L
161439	7-24	To NYS.	Fire control telephone switchboard; fwds plan for guidance in connection with preparation of plans for. L To -- reqt. contra comments re change in cost 8-13 To-- Req't reply. 8/2
162181	7-31	To NYS.	Turret salvo system; fwds plans showing modifications in. L
162561	8/3	NYS	Genl apprt of steering gear and telemotor control. L To Inpt. N.Y.S. under C&R 8-11

563 -- 4 IDAHO: INT COM SYS:

Number.	Date.	From or To--	Subject.
162813	8-4	To NYS.	Turret local fire control and gun firing system; fwsd print for use as guide in connection with preparation of. L
162687	8/4	NYS	Fire room telegraph system; fwsd working wiring diagram. L To--Appvs. 8/9
162868	8/6	NYS	Speed indicator system; fwsd wiring plans. L
162918	8/7	C&R	Voice tubes; fwsd list and plan. L Held-- All vs with mod. 9/2
162990	8/7	NYS	To NYS--fwsd copy above. 9/2 Engine order telegraph system; fwsd wiring plans. L
✓ 163042	8/10	NYS	Steering signals, marking of leads for, fwsd print. L
163202	8-10	NYS	Warning signal system; wiring diagram. L
163185	8-11	NYS	Type of elec candlestands for officers' quarters. L To--type submitted not desired 8/14
✓ 163229	8-12	TO NYS	Maneuvering telephone calls; will omit
✓ 163233	8-12	TO NYS	Marking of interior communication leads; reqt copies of plans. L
163591	8/17	To NYS	Arrgt of instruments on bridge; fwsd plan. L NYS reqt interpretation of extent of change 8/18 TO --instructions 8-20

IDAHO: INT COM SYS.

Number.	Date.	From or To—	Subject.
155389	5-19	To NYS.	Turret voice tubes: gives list of voice tubes required in each turret. L
155628	5/21	H ^Y 8	Battle tracing system: reqt description of. L To-- Refers to Ord Pamphlet #391, 6/6
156471	6-2	To NYS.	Arrangement of instruments in turret officers booth; fwds prints of. L
156743	6-4	To NYS.	Turret local fire control and gun firing system: fwds plan of. L To--Plan above modi: wait receipt of new plan. 6/14
157079	6-7	NYS 849-3216	Fire control maneuvering system: plan. L To-- Appvs. 6/10
157391	6-10	G&R	Voice tubes; torp defence station. L Retd--Comments on. 6/14
158186	6-17	NYS 895-3313	Gun firing rotary generator; fwds list of spare parts for. L To--Appvs: gives list of spare parts required. 6/22
158230	6-12	NYS.	Fire room telegraph system: reqt approval of Gory type plans. To-- Appvs. 6/25
158570	6-21	NYS 1907-37	Reqd approval of Gory type plans misc indicators I-C system. L Tp-- Appvs subject to operation. 6/24
158797	6-23	Ord 29480-109	Turret officers station: fwds print relative to reqt of instruments and shells. L

IDAHO: INT COM SYS

563 - 4

Number.	Date.	From or To--	Subject.	
159204	6/28	NYS	Method of installing armored cable and voice tubes	563-3
159448	6-30	NYS 961-37	Elec and mechanical I-C system; reqt approval of list of standard plans.L To--Appvs with modi. 7/3	
159982	7-8	NYS	Gun firing device; fwds GE list of spares for firing set.L	
160277	7/9	NYS	Fire alarm system; fwds wiring diagram.L To--Appvs with modi. 7/14	
160278	7/9	NYS	Boat hour gong system; fwds wiring diagram.L To--Appvs with modi. 7/14	
160279	7/9	NYS	Call bell system; fwds wiring diagram.L To--Appvs with modi. 7/29	
160236	7/10	NYS TO NYS appvd 8-13	NYS fwds print 7/30 Range and deflection system; reqt data for making wiring diagram.L Fwd Ord--Comments on. 7/14 RB 7/17 To--Lists instruments to be furnished by Bu Ord. 7/21 signal NYS development 8-11	
160349	7-12	NYS	Steering emergency system; fwds wiring diagram.L To--Appvs. 7/14	
160447	7-12	NYS	Speed indicating system; fwds wiring plans.L To--Appvs with modi. 7/17	
160572	7-14	NYS	Fire control telephone switchboard; reqt type plan.L To--Will be issued shortly. 7/17	
160694	7-14	C&R	Usage mast; fwds plan of arrgt.L Retd--Appvs with modi. 7/27	
160696	7-10	NYS 1031	Steering gear; genl arrgt in connection with arrgt instruments in steering station. Fwd Nav--For comment. 7/24 NYS Reqst action 7/27 RB 7/28 Fwd NYS--Comments on plans. 8/4 RB 8/10	

IDAHO: INT COM SYS

1915

Number.	Date.	From or To—	Subject.	
143930	1-7	NYS	Steering telegraph system: plan.L To--Appvs with comment. 1/9	
144015	1-8	NYS	Boat hour song system: plan.L To--Appvs subject to test. 1/9	
143944	1/8	NYS.	Reqt type plan of I-C	563-3
144523	1-14	NYS 3887	Torsionmeters: reqt approval of Cummings type D To-- Appvs. 1/18	
144621	1-15	NYS 77-324	Air lock indicator system: plan.L. To-- Appvs. 1/18	
144622	1-15	NYS 80-334	Salvo system: fws plans.L To-- Appvs. 1/18	
145174	1-21	NYS 111-2221	Indicators, etc. Method of handling and approving Cory pirnts.L To-- Gives procedure. 1/27	
145750	1/28	Cory & Son	I-C specs	562-4
125875	12/8	Cory & Son	Fws tracing for approval as standards; will be followed for I-C system IDAHO & MISS 665	
147109	2-14	NYS	To: ret training warning signals: plan.L To-- Appvs with comment. 2/18	
147465	2/17	To NYS	Auxiliary rudder indicator system; reqt plans and estimates for	522-4

IDAHO: INT COM SYS 563 -- 4

Number.	Date.	From or To—	Subject.	
147642	2-18	NYS 308-3311	Turret training warnin. signals; wiring diagram; plan.L	
149074	3-6	NYS	Typical voice tube panel; print.L	
150232	3-20	NYS 481-3313	Gun firing retray transformer; contractors claim requires departure from specs.L To-- 3/24	
151987	4/10	To O&R via Ord	Type plans of interior communication; plan for comment	554-4
152463	4-16	To NYS.	Type plan of interior communication; fwds plans of. L	
152584	4-17	To NYS.	To-- Omission of general alarm gongs & signals; treat as a development. 7/12 Type plan of interior communication switch-board; fwds plans of. L	
154068	5-4	NYS	Genl alarm gong system; plans.L To-- Appva. 5/8	
154174	5-4	NYS	Boat hour gong system; fwds type plan and list of gongs.L To-- Appva. 5/8	
154382	5-7	O&R	Voice tube system.L Retd--Comments on. 5/11	
154854	5-13	To NYS.	Warning signals; will appva Cory type of recently tested at NY. 5/13 L	

Number.	Date.	From or To—	Subject.
632669	7/6	CO	Report on trouble experienced with turbine rotor of #4 generator L
642905	9/26	Pug. Sd. (T)	Request auth to draw 3 searchlight mirrors from store for replacement To Pug Sd (T) Grant's authority 9/27
USS IDAHO	10/17	To CO via S&A	Run over-speed tripping device for general elec Co- 300 K W turbo-generator L R
644130	10/19	M.I.	Request shipping instructions to ship to IDAHO L 20-X-5

1921

Number.	Date.	From or To—	Subject.
	1:20	Pug 3d	To Pug 5nd grants anthycc CO C&R 2/9/21
548578	1:19	CO	Request instal pilot lights near bell buzzer contact makers in turrets.1 To CO appvd cc Pac Fleet- C-1-C 3-3
550123	3:3 3:5	GE Co Phila	Request authority to instal improved diaphragm in back pressure emergency tripping device.1 To G E Co Will be available for overhaul at Pug 5nd 3/21 cc Phila- Pug 5nd- CO 3/14
563981	4:29	CO	Submits report covering tripping of circuit breakers during 3rd fire.1 To CO Ack receipt of report 6/17 cc Battleships for cc 6/17
590170	10:11	Inspr NYS	Turbine turning motor and controller and rheostats-fwds prints.1
598411	12/2	CO [TF	Request immediate shipt of one worm and wheel for oil pump and main governor drive, GE turbogenerator.1 To CO- Gives date of shipment 1./13

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IDAHO ELEC LIGHT AND POWER

1922



Number.	Date.	From or To--	Subject.	
✓ 610543	2/16	GE Co.	Subm inform rel to cost of packing rings for turbine	
✓ 615549	2/21	Eng Ed	Copy of letter to Insp G.E. acknowledging receipt of revised drawings of 300 KW turbine generator sets L (2 letters)	
✓ 617242	4/5	Norfolk	Copy of letter to Insp G.E. acknowledging receipt of revised drawings of 300 KW turbine generator sets L	
620373	5/8	To USS IDAHO	Fwds prints on replacement of Circuit Breakers on Main Switchboards. L	231-1
✓ 625033	5/12 5/23	M.I. 344	ASK if type H. clear globes may be purchased for L Fwds S&A cc ME- C 6/1	

IDAHO: ELEC LIGHT AND POWER:

Number.	Date.	From or To--	Subject.
464512	12:15	Inspr NYS Fwd Solicitor. 12-26 RB-12:31	Addition of wiring for Franklin life buoy release system-fwds estimated increase in cost.D
464523	12:15	Inspr NYS	Installation of permanent shore connection leads for power and lighting.fwds estimated increase in cost.D Fwd Solicitor. 12-24 RB-12:31
464520	12:15	Inspr NYS	Addition of outlet for sterilizer in forward battle dressing station and the addition of water heater in after battle dressing station-fwds estimated increase in cost.D To Solicitor 12-24. RB 12-30:
464527	12:15	Inspr NYS	Installation of additional wiring for ventilating motors for after battery charging station, and for turret auxiliary power storage battery station.fwds estimated increase in cost.D Fwd Solicitor. 12-24 RB-12:31
464536	12:15	Inspr NYS Fwd Solicitor. 12-24 RB 12-30:	Auxiliary lighting system-fwds estimated increase in cost.D
464537	12:15	Inspr NYS Fwd. Solicitor. 12-24 RB 12-30:	Substitution of two 1000 watt units, four 500 wat units and twelve 250 watt units for the cargo reflectors-fwds estimated increase in cost.D
531854	11/29	CAR	Overshed and Chadburn control for IDAHO 563-4 MISSISSIPPI NEW MEXICO & TEXAS- fwds prints. 1

563 - 5

-1920-

Number.	Date.	From or To--	Subject.
472910	1/21	CO	Submits list of changes of searchlight feeders, distribution boards - L To - Change of searchlight feeders appvd. 2-10 CO-fwd's sketch of connection of searchlight feeders to distribution parts-3;26-L
478582	2:19	CO	Setting of 300 kw generator circuit breakers-submits recommendations covering L To CO- Setting of generator circuit breakers at 2400 amperes appvd. 3-1
P.S. NSA	3-13	To Inap'r Brook	Spare parts for 24" Arma Searchlight Lamp type AA. L
482783	3-22	To H.O. Ny	Fwd's turbine blading plans. D copy to Lt. Reynolds Ny. D
502461	6:30	Pug Sd T	Request immediate shipment of director indicator lights for work on IDANO & MISSISSIPPI To ~~CO~~ Norf (T) Ask if light ready light indicator panels drawing available for shipment 7-8. Norf (T) - Indicator panels recd from Phila. available. 7/3 L To Pug Sd (C) Adviser Norf will supply dir indic. lbr 12-11's as listed 7-6. To Norf 8/24/20
507717	7:26	Inap'r MLL	Fwd's finished plans of 300 kw generating sets KLL
543368	1:18	CO	Calls attention to C&R machy being furnished with 120 volt transformers L Fwd C&R cc CO 2-1/21's L

IDAHO: ELEC LIGHT & POWER:

1919

Number.	Date.	From or To	Subject.
445097	12-6	SEE CARD 23	To Insp'r NYS- Adherrs to decision to have contractors furnish an estimate od decreased cost.L NYS - submits estimate - 1/19 fwd Sol 2/5 RB-2:10 To Insp'r NYS- Change referred to Bd on changes. 2-12 Fwd Soli itor 11-5 RB-11:10-D To NYS Co Fwds report re red in number and length of ship's tests 11-11
464520	12:15	Insp'r NYS Fwd Solicitor. 12-24	Changes in the illuminating outfit-fwds estimated increase in cost.D
464436	12:15	Insp'r NYS	Change in size of wire on lighting mains- fwds estimated decrease in cost.D
464438	12:15	Insp'r NYS Fwd Solicitor. 12-24 RB-12:31	Addition of wiring to supply current for apparatus in dental office-fwds estimated increase in cost.D
464471	12:15	Insp'r NYS Fwd Solicitor. 12-26 RB-12:1:2	Contractors not securing various fittings for illuminating outfit to the ships structure, and not fitting portable sections- fwds estimated decrease in cost.D
464476	12:15	Insp'r NYS	Substitution of a complete man-overboard, breakdown and peak light signalling installation for the flag and peak lights-fwds estimated decrease in cost.D
464477	12:15	Insp'r NYS	Wiring incidental to change in location of boat boom from frame 72 upper deck forward to frame 17 upper deck-est increase in cost.D

563-5: IDAHO; ELEC LIGHT AND POWER:

Number.	Date.	From or To--	Subject.
464477	12;15	Inspr NYS	Addition of power main for ventilating set in laundry-fwds estimated increase in cost.D
464501	12;15	Inspr NYS	addition of wiring for cake machine-fwds estimated increase in cost.D
464498	12;15	Inspr NYS	Change in location of ice cream freezer from ice machine room to potato peeler room-fwds estimated increase in cost.D
464497	12;15	Inspr NYS	Increase in size of power feeder necessitated by the installation of additional laundry machinery-fwds estimated increase in cost.D
464492	12;15	Inspr NYS	Addition of overload time limit device to main switchboard circuit breakers-fwds estimated increase in cost.D
464505	12;15	Inspr NYS	Installation of blinker signal set on mainmast.fwds estimated increase in cost.D
464503	12;15 Fwd Solicitor	Inspr NYS L-26 RB-12;31	Installation of auxiliary turret turning and gun elevating motors and aux power for fwds estimated increase in cost.D
464516	12;15	Inspr NYS	Alterations in mains for elec aux in turrets-fwds estimated increase in cost.D

563-4

IDAHO; ELEC LIGHT & POWER;

1919

Number.	Date.	From or To--	Subject.
421674	6-31	To I.L. Ny	Alterations electrical. Inform authority for making alterations under J.O. 344102. L N Y 6/4- Battery charging panel. Work held up pending instructions on relocation L To C&R- Gives detail current on. con. to I.L. Ny and CC. L C&R 6/12 RB 6-19
421194	6-7	To Insp'r NYS	Additional laundry machinery. Change appvd and referred to Bd on changes. L-n
424117	6/6	Insp'r N.Y.S.	Subm estimate of decreased cost due to contractors not securing various fittings for illuminating bulb for sal's structure. L. To Insp'r NYS- Change auth and referred to Bd. on changes. 6-14
425353	6;13	Ins. NYS	Estimate increase in cost for electrical work in connection with change of boat boom. To- Change appvd and referred to Bd on Changes. 6-19
425352	6;13	Ins. NYS	Lighting system, man overboard estimate increase cost. To Insp'r NYS- Change appvd and referred to Bd on Changes. 6-19

IDAHO: ELECTRIC LIGHT & POWER

Number.	Date.	From or To--	Subject.
426096	6:17	CER	C&R - 11/5 Req. type balloon wench be installed on exactly as recd L
To C-C Atl Flt. Lists work auth. 9-5 copies to PAC FLT NY NORT PUG SD CER AND all vessels listed. Worl-fws print kite balloon winch on OKL-HO cross to OKL-HO 9-25			To I.L. Ny- Lists fire control phone auth for installation. copy to C&R & CO. 7-22 C&R-fws copy instrns for kite balloon winch-8:29
426282	6/24	Inspr N.Y.S.	Fws invoice covering spare parts for portable schlight removed from and fwded to Phila. L.
35357	6/24	Inspr N.Y. Ship	Fws copy of invoice covering starting 629 panel for 2 KW motor generator for I.D.O. L.
438065	8:6	Inspr NYS	Addition of power mains for ventilating set in laundry-fws contrs estimate.D&L cross to 13 To InsNYS Addition of Power Main 19P641 for ventilation set #77 in Laundry. Change appvd and refered to Board on Changes. L-W 8:14
445097	9/11	NYS	Ventilating sets - endurance tests - reduction in length of - L Fwd. C&R. 11-20 RB-12:1
To Inspr NYS- Estimate in change of cost should be submitted 10-15 Inspr NYS- reqd contrs submit est-11:14			Fwd C&R. 9-20 RB-10:2 Inspr NYS 10-7 copy to C&R. To Inspr NYS- Correspondence referred to C&R. 10-14
446-3	4:14 9:16	NY SB Corpn Inspr NYS	Main switch circuit breakers-submits change in cost. To Inspr NYS- Change appvd and referred to Board on Changes. 9-24

IDAHO: LIGHT & POWER

Number.	Date.	From or To—	Subject.
412172	4:17	Ins. NYS	Ventilation for strg. bat. and turret aux. power sys. estimate of increase cost L Fwd CTR 4-24 R B 5/7 To- Change appvd and referred to Bd on Changes. 5-13
412176	4:7	Ins. NYS	Omission of gyro reflector and installation of exterior ammunition sys. estimate of increased cost. L Fwd Collector 4-24 R B 4/30 To- Change auth and referred to Bd Changes. 5-3
412178	4:8	Ins. NYS	Change in size of wire on light mains. estimate increased cost. L Change appvd. referred to Bd Changes. 4-22
412163	4:18	Ins. NYS	Addition of wiring to supply power requirement for dental appliances - estimate in increased cost. L To- Change appvd. referred to Bd Changes. 4-24
413609	4:23	Ins. NYS	Wiring for motors for galley and cake machine. L-29 R B 5/6 To- Installation of cake machine auth by C&R. Estimate for cost of wiring will be fwded in the usual way. Ins. NYS fws contr. estimate 5:14
412780	4:18	CO	Req. Watt meter for motor load to steering gear. Fwd Operations. 5-2 R B 5/6 To- Installation of graphic wattmeter appvd. 5-10

IDAHO: LIGHT & POWER

Number.	Date.	From or To—	Subject.
414713	4:25	NYS	Aux light ng sys. estimated cost due to changes in L To- Change auth and referred to Bd changes. 5-3
416498	5/5	NYS	Installation of portable combination sterilizers and containers - change in cost. To- Change appvd and referred to Bd on changes. 5-13
416809	5-7	NYS	Electrical detaching device for Franklin Life Buoys - increased cost L Ed Solicitor. 5-14 83 5-19 To- Change auth and referred to Board on Changes. 5-21
416810	5-7	NYS	Alterations in mains for electrical aux- liaries in turrets. Increased cost L To- Change appvd and referred to Bd on Changes. 5-13
417317	5:9	NYS	Aux. turret turning motors ; changes in cost L To- Change auth and referred to Bd on Changes. 5-13
421197	5-17	Insp N.Y. Ship To Insp NYS - Change appvd and referred to Bd on changes. 5-2 Insp NYS 6/7	Request location of ice cream freezer and hardening cabinet. Submits estimate increased cost L

IDAHO: LIGHT & POWER

Number.	Date.	From or To—	Subject.
389614	1:28	Ins. NYS	Ask when 24" HP signalling searchlight will be del. to ship 1 To- Gives directions for wiring. Searchlights not to be ready for several months. 2-1-19
390344	1:28	Ins. NYS	Req. add 3 sets of spare leads for after type of air meter installed on ; to allowance list 1 & RA To NYS- Addition of three sets spare ammeters leads disappvd. 2-7
391957	2/4	NYS	Lighting for operation room - changes To- Proposed modification to lighting over operating table not to be made. 2-12
392412	2/6	NYS	Gearing supplied for Light Alidades torpedo defence station - L Fwd Ordname. 2-13 RB 2:15
394881	2:12	Ins. NYS	Fwd print of rail Fwd print of rail in front of switch-board in distribution room in connection with substituting hand rail 1
397519	2:24 3:20	Ins. NYS Ins. NYS	Fwds copy of letter to contr. stating gyro compass strg. bat. should be returned to factory for examination 2-27 To- Repts further information N.Y. Ship 3-7 Relative to repairs to storage batteries. Ins r NYS 6/7
397524	2:24	Ins. NYS	Req. GE Co have installed to ship - 2 signalling shutter for searchlight of 1 To Nava- Fwds correspondence. 11-26
	expedited. 3-1	Ins. NYS 3:15	

IDAHO: LIGHT & POWER

1912

Number.	Date.	From or To—	Subject.	
403776	3/17	Ins. NYS	Fwds contr, let stating lead burning outfit for strg. bat. Will not be included in allowance.	563-21
404395	3:20	Ins. NYS	Lighting system req. fwd prts. - L To- Fwds duplicate prints. 3-25	
⁴ 405392	3:20	Ins. NYS	Calls attention to circuit breaker tripping switch 300 KW turbo generator unit not functioning properly. L To- Recommendations being fwded to proper yds and insprs for guidance. 3-27 To Inspr GE- Fwds copy of letter from inspr re defective functioning of tripping device. 3-28 To Inspr NYS. ditto 3-28	
409761	4:9	NYS	Wiring for 24" searchlight installed by contr. L	
✓410923	4/12	GO	Confirms telephone conversation relative to transfer of 5 storage batteries from NEW MEXICO to IDAHO - L	

IDAHO: LIGHT & POWER, 563 - 5

Number.	Date.	From or To—	Subject.
361653	10/23	Inspr. NY Ship	Request information in connection with apparatus being supplied by Bu. on dental office on Idship To Med. & Surg. Oct. 30 back Nov. 12 Shipment order dated Oct. 30 back Dec. 5 Inspr. NY Ship Dec. 4 - fwds plans showing alterations Ins. NYS main deck fwds lighting - fwds print 1:8 L
367781	11-9	C&R	Inspr. S.E. workin in connection with installing dental office
368062	11-6	Inspr. NY Ship	Chart house and bridge electric connections indicator and radio - fwds plans L
371200	11-21	Inspr. NY Ship	List of power feeders and mains after distribution boards - fwds L

563- 5 IDAHO LIGHT & POWER

Number.	Date.	From or To-	Subject.	
375279	12/10	To Insp	Get shipment at warehouse to tery Hills to Insp.	515-4
3 3961	12/11	To Insp NYS Com	Ins. me 103 of to shi pattern to 33 service Shipment 103 of to shi pattern to 33 service 103 is 103 of to shi pattern to 33 service Board.	507-1
3				
385546	1:14	NYS	Req. prints. 1	
of record	To- Gives	Directions for compilation	To- Fwd's plans for contractors use. 1-24	
	of elec	appliances. 2-8	NYS - 2/4	
383303	3:13	NYS		
	1-15	To Insp NYS	Re approval of proposal of contractors re repair damaged feeder by install of special junction box-	563-3
386461	1:16	Ins. NYS	Req. copies of shipping order covering printing	
	2:3	Ins. NYS	outfit for the feeder Fwd NYS. 1-21 copy to NYS Fwd C&R. 2-8	

IDAF0:

Number.	Date.	From or To--	Subject.	
313853	6-5 Oct. 23 6/5	To Insp. NYS Re weights of electrical material by ship Fwds duplicate weight NYS	Given tabulated list of weights of electrical material for info. 1 NYS 6-21 NYS - copies will submit list of weights in at a week - 8-27 Fwds blue print showing power system and deck aft in connection with cross conn for air compressors.	563-23
315312	6-14	To Insp. Camden	Re turbo generator external oil coolers, and commenting on same, LHM To G E Co (T) coolers will be accepted 8-1	
317334	6:14	NYS	Elec. insulation after, dynamo and distribution room. Fwds prints.	
328489 NYS -	7/16 fws prints - 11/18	NYS	Auxiliary lighting - fws print. To Insp. NYS Listing auxiliary lighting plans 8-1 Ins. of fws plans. 9-15 L NYS - plans now being modified - 10/28	
331656	7-29	NYS	External oil coolers for turbo generator - recommends acceptance of Standard No. 2 commercial coolers offered by Schutte-Koerting Co. 1 To Insp. NYS, re above, 8-5	
322489	no. card	100	To Insp. NYS and attached to have LHM ins. of fws plans. 9-15 L	
316263	12-12	To Insp. Camden	1 bottle lubricant outlets shown on deck plan for LHM plans will be submitted	706 ^d

IDAHO: LIGHT & POWER. 563 - 5

Number.	Date.	From or To—	Subject.
334367	8/5	NYS	Experimental oil coolers for turbo generators - L fws copy of correspondence NYS and
34427	8/8	Ports	25 ampere switches USS IDAHO-reports ship 629
337993	5/15	NY	Ends set of 112 prints cov. 112 t. a NY 8/15 - cancelled.
343959	8/31	NYS	Asks if instantaneous shock proof in lieu of time limit circuit breakers are reqd - L To Inspr NYS re approved time limit device 9-5
✓ 354911	10/2	NYS	Store batteries ask spare parts to be shipped
✓ 359994	10;18	C&R	Copy of instructions to Supt. Const. in connection with Dental Office L

IDAHO : LIGHT & POWER.

1915

Number.	Date.	From or To—	Subject.
287718	3/8	NYS	Detailed turret plans - fwds - L To- Plan appvd with modifications 4-24
288491	3/8	NYS	Name plate markings for forward and after distribution boards - fwds prints - L
291778	3/21	NYS	Lighting system - fwds plans.
294486	4-2	Inspr NYS	Name plate markings for distribution boards. Fwds plans. L
295788	4-1	General Electric Co	Anti-Aircraft searchlight for New Mexico Mississippi and Idaho - reqts extension contract time of delivery 554-5
241	4/11	GE	Searchlights shipped under this contract to Mississippi, Idaho, New Mexico - L 629
300687	4/22	GE	& IDAHO & MISSISSIPPI - 36 inch searchlights request authority to furnish cloth van dykes in lien of tracings 554-5

IDAHO: LIGHT & POWER? 563 - 5

Number.	Date.	From or To--	Subject.
303674	5/7	NYS	Fwds blue print showing list of incandescent lamps - L
305185	5-8	NYS	Lighting fixtures and appliances - fwds prints. L
307037	5-14	Insp r NYS	Fwds blue prints showing diagrammatic of electrical heaters in turbines. L to - re elec heaters in turbines, 5-4 NYS - fwds print - 5/17
309025	5-21	Insp r NYS	Fwds blue print showing cross connection for air compressor panels. L NYS - 5-28
309003	5-23	Insp r NYS	ask if Bureau wishes contractor to order a circuit breaker to replace missing one. L to (T) - Make all effort to obtain circuit breaker 5-28 phone (T) re loss of circuit breaker 5-28 NYS (T) L asside to crate circuit breaker 5/1 L

1917

IDAFO: LIGHT & POWER.

Number.	Date.	From or To—	Subject.	
260543	11/13	NYS	switch panel for auxiliary lighting in fire and mine room - fws print To Plans appvd with modifications. 11-19 NYS - fws print - 11/24 L	
262757	11/22	NYS	Search lights - fws prints L To - Plans appvd. 11-30	
262959	11/23	NYS	Request detailed finished plans of search lights be fws - L To - Plans not on file. Mfg has been rected to expedite delivery of plans. 11-26	
266641	12-10	Brook	Cable: reports on analysis of; recommends acceptance L To - Your action appvd. 12-15	
271654	1/5	NYS	Modification for lighting fixtures and appliances due to omission of mine room - L	
275140	1/19	Phila	Asks type of portable safety lanterns to be supplied. R	563 - 21
277447	1-31	To NYS	Circuit breakers for distribution switchboard. Fws copy of circular letter of 1-29. eqts comment. L To (T) - 2-14 NYS 2/15 - L NYS - switchboards - arrangement of cable 2/23L	

563 - 5 : IDNO: LICH & DOWEN:

Number.	Date.	From or To--	Subject.
255718	2-1	SEE CARD 16	To NYS-Plans apvd with modifications. 2-1 Insr NYS - Requests action. L 3-20
281892	2-3	Insp. New York Ship. To- Plan apvd 4-22	Fwds. list of lamps for. L To- list of lamps for. L with corrections. 3-19 To- Civs of NYS 3-19 To- Civs of NYS. 3-20 NYS - fws prints - 4/11 - L
255718		CARD 16	Inspector NYS-Forwards print. L 2-15 NYS - Request action. L 3-6 To NYS-Letter of March 19th contains action. 3-23
283222	2-21	To NYS	Circuit breakers - Inform when ship of have been made. L
284235	2/23	NYS	Circuit breakers - reports shipped to NY for test - L To- to Mr. J. M. Co. 3-4 NYS - L 3-7
286379	2/4	LVS	Door operated cut out switch for chart house - request confirmation of Insp Action in direction to finish - L Confirms your order. 3-13 Insr NYS - Lighting plans - fws. L 3-25

IDAHO: LIGHT & POWER.

Number.	Date.	From or To--	Subject.
246560	8/28	Bd on Change. NYS	Omission of Wake Light. N
246561	8/28	Bd on Changes NYS	Omission of Semaphore N
246555	8/28	Bd on Changes NYS	Redesign of Searchlight Panels N
246546	9/11	NYS	Electrical installation dynamo and distribution room - feeds print - L
249074	9/13	NYS	Wire sizes, lighting system; contractors request authority to install mains to smaller capacity. L To--Appvs recommendation. 9/17
249780	9/17	Insp'r NYS	Ask number of dark blue globes to be supplied. L To--45. 9/22
250459	9/22	To NYS	Illuminating set. Directs omit portable part of. L NYS - 10/3 L To--Appvs rec. 10/9

IDAHO: LIGHT & POWER. 563 - 5

Number.	Date.	From or To--	Subject.
252305	10/1	NYS	Forward torpedo rooms - fwds print showing details of - L
252425	10/2	NYS	Branch box for illuminating set lights - fwds prints L To Appvs plan. 10/6
252857	10/4	CAR	Arrangement of storage battery room - fwds print - L
255718	10/19	NYS	Lighting system - fwds print showing summary of lighting fixtures and appliances and list of lighting feeders and main. L
CARD 17	12-6	NYS	To - Request check totals. 11-6
		NYS	Lighting system - reports on discrepancies 11/3 - 12-27
256555	10/24	NY	Storage battery panel for auxiliary training and elevating motors - fwds prints L
		To NYS-	Plans should be modified in accordance with marked blueprints returned under cover for Bureau's action. 10-26 (sap)
		To NYS-	Plans & ovd. 12-17
		NYS	Plans & ovd. 12-17
		NYS	Plans & ovd. 12-17
257121	10/26	NYS	Storage batteries for auxiliary turret gun elevating and training motors - fwds prints - L
		To NYS-	Plans & ovd. 11/6 L
		To NYS-	Plans & ovd. 11-14
		NYS	turret detailed plans - fwds prints - 12/3

IDAHO: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
✓ 239494	7/17	NYS	Panels for eliminating outfit - gives location and recommends certain be changed L NYS - request action L To— Approve recommendation. 8/2
✓ 239178	7/20	To NYS	NY S - fwds print 8/20 Reqt ests covering install of elec air heater in pump room. LN NYS - fwds plans with recommendations 8/25 L
✓ 239730	7/20	To NYS	Reqt ests covering install of overload time limit device on circuit breakers of main switchboards. LN NYS fwds corres. 9-13 To— Procedure satis. 9-19
✓ 240385	7/23	NYS	Lighting system - fwds prints L
✓ 240583	7/25	Ordn	14 inch turrets - arrangement of storage battery room L Fwd Ord—7/28 R 8/3 Fwd C&R—8/8
✓ 241217	7/27	NYS	Power system - alterations - fwds plans L

IDAHO: LIGHT & POWER: 563 - 5

Number.	Date.	From or To--	Subject.
✓ 242053	8/2	NYS	A xiliary lighting system - fws plans L
242216	8/3	NYS	Balancing resistance, turbo generator loads - fws prints, etc L To--Plan appvd. 8/13 NYS 8/15
246556	8/28	Bd on Changes NYS	Change in type of berth light fixtures N To Phila--Comments on. 9/4 Gen'l Insp - 2/7 - N
246557	8/28	Bd on Changes NYS	Change in type of single bracket fixtures N
246558	8/28	Bd on Changes NYS	Change in type of bracket fixtures N
246559	8/28	Bd on Changes NYS	Modifications to enable the after generators to be used for anchor windlass motors N Fwd Sol-9/1 F T 2/7

1917

IDAHO: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
✓ 229579	5/21	NYS	Switchboards - fwds list of spare parts L To—Appvs. 5/25
✓ 230857	5/28	NYS	Request addition of portable safety lanterns to allowance list L To—Govt will supply. 5/30
230844	5/28	NYS	Battery charging stations - fwds prints L To C&R—Comments on prints. 6/1 C&R - fwds plans 7/25 L
✓ 232264	6/6	NYS	Vacuum cleaning system for cleaning armatures, etc - fwds cuts Western Electric type L To—Instrns. 6/19 File - relative to installation of vacuum cleaning system 7/2 L NYS - request action 7/25 L To NYS—D is appvs. 8/1
✓ 232966	6/7	NYS	Water tightness of compartments - fwds prints L

IDAHO: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
✓ 234141	6/15	NY	Switchboards - list of spare parts - fwds L To NYS—Appvs list. 6/20
✓ 234374	6/18	NYS	Fwds prints of arrangement of control for running signal lights L To--Plan appvd with modif. 6/29 request prints 7/2 L NYS - fwds print 7/20 L NYS - 9/11 - L
✓ 234472	6/19	NYS	List of lighting fixtures - fwds prints L
✓ 234473	6/19	NYS	Water tightness of compartments, list of lighting feeders, fixtures, etc - fwds prints L To--Plan appvd. 5/30 NYS - fwds print 7/2 L
✓ 235050	6/21	NYS	Auxiliary lighting - fwds prints L

IDAHO; LIGHT & POWER.

Number.	Date.	From or To—	Subject.
✓ 219245	3/24	To NYS	Fwds blueprints of plan showing mechanical control for searchlights. L
✓ 219776	3-24	NYS	Lighting deck plans; fwds.L
220207	3-29	NYS	After dynamo and distribution room; for Elec installation; fwds plan.L
221167	4-4	NYS	Searchlight panels; fwds estimate for inc cost for redesigning.L Fwd NYS -- 4/10 RB 5-16 To -- Change & appvd. 5/14 To Gen Insp -- 5/24
221168	4-5	NYS	Windlass motors; est inc cost for additional feeders.L. Fwd NYS -- 4/11 RB 4-123 To Gen Insp -- 5/4 To NYS -- Change & appvd. 5/4
✓ 221809	4-9	NYS	Battery charging panels; fwds plan.L To -- 4/11 RB 4-123 NYS - fwds print 5/17 L
✓ 221975	4-11	NYS	Lighting; fwds print of summary of fixtures.L
✓ 221990	4/12	To NYS	Electrical estimating for Franklin 1170 Bldg. s. Work auth. Rept plan & est showing wiring. L NYS - Fwds prints 5/3 L NYS - COLORADO & WASHINGTON fwds prints 5/6 L Fwd C&R -- 5/10 RB 5-17 Fwd C&R -- 5/11 RB 5-17 To NYS -- Plan appvd. 5/22 To NN -- Plan appvd. 5/26

L. NO: LINE 1 1077 502 -- 5

Number.	Date.	From or To—	Subject.
✓ 222933	4/17	To NYS	Fwds blueprints showing auxiliary lighting system for MISC & NEW BIVIO. L
✓ 223659	4/18	NYS	auxiliary lighting, 50 amperes, double snap switch; request approval Cury's plan. L To--Aprov. 4/21
✓ 224004	4-19	NYS	Storage batteries; Fwds plans. L
224909	4/26	C&R	Searchlight platforms; fwds plan. L To--Satis. 5/11
225764	4/30	GE	300 kw geared turbo gensets; reports test. S&L To NYS--Fwds copies of test data. 5/4 NYS - 300 KW generating sets - request copy of test report 5/22 L
✓ 225839	5/1	NYS	Lighting System - Fwds print showing list of portable conductors L To--ilan apvds. 5/8 NYS - fwds prints 5/24 L
226962	5/3	NYS	Omissions of semaphore - change in cost L To--Change apvds. 5/15 To Gen Insp. 5/15
227466	5/6	NYS	Wake light - fwds estimate change in cost for omission L To Gen Insp. 5/18 To--Change apvds. 5/18
227466	5/5	NYS	Signalling search lights - change in cost L Fwd NYS--5/18 RB 5-23 Fwd NYS--5/24 P P 6/29 To--7/3

IDAHO: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
214822	2-12	NYS	Steering gear; control leads; plan.L
w1			
214820	2-13	NYS	Alterations to power plans due to installation carpenter shop; fwds plan.L To—Let copy of LY letter. 2/19 NYS gives capacity of motors for carpenter shop tools 2/20
214919	2-14	Pitts	Motor generator; recommends slight variations be waived.3.
		To GE—Waived in this case, but will not be in future.3/15	To approve, with caution 2/20 Pitts motor generator; states information waiv- ing variations from specs was sent to GE at Port Payne instead of 3/10. 3/7 Encasing elec conductors in non-flammable mine rock and workshop rooms. Directs be in no.LN C&R copy of instructions issued 3/1
214854	2/16	To NYS	
		<u>TURRETS</u>	
215083	2/17	To NYS	Lists lighting deck plans. All reqts blue prints of. L
215805	2-23	C&R	Searchlight; request information in connect on with platform.L
		To NYS—Fwds b/p of plans as listed.3/12	GE states information shown on GE plans correct for lots under contract 241 2/26
216079	2-23	NYS	Lighting plans; fwds.L To—Plan appvd with modif.3/29 NYS request copy of letter of Mar 24, not on file 3/31
217017	3-3	NYS	Switchboard; plan of revised.L To—Plans appvd with comment.3/10 NYS switchboards; fwds rearrangement plans 3/29 To—Comments on plan. Rept corrected copy of. 4/7 NYS—fwds contractors reply 5/23 L To—Will accept present arfgt. 5/26

IDAHO: LIGHT & POWER. 563-5

Number.	Date.	From or To—	Subject.
217266	3-8	NYS	Auxy lighting system; plans showing location of batteries.L
217968	3-13	Bd on Changes, NYS	Omission of the night signal sets; dec cost.N
217970	3-13	ditto	Substitution of ten 12" for ten 16" fans. dec cost.N
217975	3-13	ditto	Elec work incidental to the omission of garbage extractor. Dec cost.N
217976	3-13	ditto	Omission of signal lanterns and outlets. Dec.N Fwd Sol--Rec appvl.3/16 Rs 3-23
218129	3-14	NYS	Power leads to I-C switchboard and storage batteries system; plan.L To--Plan appvd with modif. 3/22 NYS - fws plans 5/21 L
218522	3/17	NYS	Turret power distribution panels; fws modified plan.L To--Not satis. 3/24
219083	3-21	GE	Compensators for 300 kw gen sets; inspection report. L To NYS--Fws test reports listed.3/24
219198	3-22	NYS	Storage batteries; plan and data list.L To--Plan appvd. 3/29

1916

ID. NO: LIGHT AND POWER.

Number.	Date.	From or To—	Subject.
209522	12/21	NYS	Arrangement of outlets for and/or stern and wake lights; fwds. plans. L To—Appvs plan. 12/28
209666	12-26	NYS	Power system; alterations; plans. L
209703	12-26	NYS	Diving lanterns; contractors asks number to be supplied. L To—2 are sufficient. 1/5
209067	12/27	Fwd C&R	Location of master switches for engine room ventilation system. L
210374	1/3	NYS	Portable stor batteries for turret auxiliary lighting; fwds prints and specifications. L To—Appvs with comment. 1/8
210493	1-4	NYS	Turret power distribution panels; fwds Cory plans. L To—Plan appvd with comments and modif. 1/9
210855	1-7	NYS	Outlets for attachments for portable boring machines; plan. L
q11028	12-9	NYS	Distribution panels for illuminating outfit; fwds modified plan. L To—Appvs plans. 1/19

IDAHO: LIGHT & POWER. 563-5

Number.	Date.	From or To—	Subject.
211058	1-6	NYS	Auxiliary lighting system; plan.L NYS calls attention to letter of Jan 8th 1/24 To--Fwds 3 blue prints of Contrs plan appvd with modif. 1/27
211214	1-10	NYS	Elec installation for boat crane; fwds plan.L
✓ 211889	1-18	NYS	Storage batteries for auxiliary turret turning and run elevating motors; plan.L To--Plans appvd. 1/24 NYS contractors state Dept has ruled covers need not be furnished 2/15
212086	1-20	NYS	Battery charging panels; fwds Cory plan.L To--Plan should be modified as listed. 2/5
212196	1-22	NYS	Berth light fixtures; est inc cost.L To--Change appvd. 1/29 To Gen Insp--1/29
212442	1-24	NYS	Means of garbage extrac or; est dec elec work.L To Gen Insp--1/29 To--Change appvd. 1/29
212680	1-25	NYS	Bus feeder leads in port and stbd wiring passage; fwds print showing condition of.L
✓ 213853	2-1	NYS	Omission of signal lanterns; dec cost.L To--Change auth. 2/28 Excl Sol--For auth. 2/14 RB2-17 To Gen Insp--2/28
✓ 213857	2-1	NYS	Omission of flag lights and peak lights; dec.L To--Desires to substitute man overboard breakdown and peak-light signal. 1. Reqt revised est. 2/12

To--Fwds b/p of man overboard
breakdown and peak lights. 3/22

IDAHO: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
205742	11-16	NYS	Auxiliary power distribution panels; plan.1
205743	11-16	NYS	List of feeders and mains fwd distribution board/ plan. L To—Contrs plan should be modifi in accord with encl fwded. 11/22
205798	11-15	NYS	Generator and bus feeder leads; plans.1 To—Gives modif which should be made in plan. 11/22 NYS request Bureau check computation; thinks in error 12/4 To—Bus feeders as shown in contrs plan satis to Bu. 12/7
206097	11-17	NYS	Blinker signal set; inc cost.1 Fwd Dept—Rec appvl. 1/26 RS 2-7 To Gen Insp—2/10 To—Change appvd. 2/10
206094	11-17	NYS	Shore connections power and lighting; inc To—Change appvd. 12/6 To Gen Insp. 12/6
206081	11-17	NYS	Night signal sets; omission; dec cost. L To—Change appvd. 12/5 To Gen Insp—12/5
206076	11-17	NYS	Single bracket fixtures; inc cost.1 To—Change appvd. 12/5 To Gen Insp. 12/5
206443	11-21	NYS	Fwds and after dynamo distribution rooms; elec installation; fws prints and comments.1 To—Directs certain changes be made in plans and that they be resubmitted for final appvl. 12/15 FWS fws plan 1-22 To—Plan appvd with modifications. 2/6 NYS fws modified plan 2.9 NYS fws corrected plans 2/23

IDAMO: LIGHT & POWER 563-5

Number.	Date.	From or To—	Subject.
✓ 207683	12-7	NYS	Elimination of Ardois signal set; lists material to be transferred to Navy Yard. L To S&A—Shipt reqt. 12/14
207684	12-7	NYS	Auxiliary lighting system; relay for; request approval of Coty type plan. L To—Appvs. 12/12
207790	12-6	NYS	Illuminating outfit; fwds plan. L
✓ 207895	12-7	NYS	Summary of motors installed. L
✓ 208218	12/8	GE	Turbine turning equipment; fwds motor test records. S To NYS—Fwds copy of test data on motors as listed for use on. 12/19
✓ 209063	12-18	NYS	Generator bus feeder leads; diagram wiring. L
			209064 12-
✓ 209064	12-18 1	NYS	Illuminating; estimate inc cost. L To—Change appvd. 12/27 To Gen Insp. 12/27
✓ 209300	12-19	NYS	Power system; wiring plan. L
✓ 209357	12-20	NN	Est inc cost on account of power wiring. for carpenter shop. L

IDAHO: LIGHT & POWER.

Number.	Date.	From or To—	Subject.	
200557	9-27	NYS	Omission 16" fans; est dec cost.L To— Change appvd 10/4 To Gen Insp--10/4	
	9-28	To NYS.	Wake light will be omitted as change in dec cost. L	732
200773	9-30	C&R	Searchlight platform; fwds plans.L Fwd C&R--Arrgt satis to B u. 10/5	
200989	9-30	C&R	After dynamo room; genl arrgt and foundation plan; fwds.L	
200991	9-30	C&R	Fwds dynamo room; ditto.	
200788	10/2	To NYS	Desires auxiliary lighting system be modified by combining the circuits for engine and fire rooms on one battery, this battery to be in center engine room. Reqt est. LDN NYS reqt instructions 11-3 To—Gives action on. 11/8	
201183	10-4	NYS	Shore connections; fwds plans.L To—Plans appvd with comments. 10/7 NYS fwds prints 10/19	
201347	10-6	NYS	To—Reqt modifi in thickness of connect box. 10/26 Outlet for anchor, stern and wake lights; fwds plan; necessary to change on account of arrgt flag staff.L To—Fwds 3 blue prints of drawing 9-5-Sk-2765-L to follow. 10/17	

IDAHO; LIGHT & POWER.

563 -- 5

Number.	Date.	From or To--	Subject.
201312	10/7	To NYS	Diagram of generator and bus feeders. Reqt plans.L To--Reqt to know when plan reated will be fwded for Bu action- 11/1
✓ 202814	10/18	NYS	Switchboard name plate marking; prints.L To--Plan appvd sub to comment. 10/23
203338	10-23	NYS	Lighting system; fwds list fixtures and appli- ances.L To--Include lighting fixtures for auxiliary lighting in magazines and handling rooms in list. 11/3
203508	10-25	NYS	Main switchboard; reqt action on drawings be expedited.L To--No record of plans. 10/28 NYC fwds plans with contractors and GE recommendations 10-30
203530	10-25	NYS	Illuminating outfit; distribution panels for; print.L To--Appvrs with modifications. 10/30
203692	10-23	NYS	Turret power distribution panels; plan.L To--Plans disappvd. List modif requd. 11/4
204453	10-27	NYS	Power system; plans.L
204564	11-6	C&R	Changes due to connection after generators for use with anchor w ndlass.L To NYS--Comments on: 11/25 To NYS--Change has been auth. 12/1 To C&R--Change auth for end miss. 12/8
204878	11-7	NYS	NYS gives reasons recom disap 11-22 Gen sets; field rheostats; plan.L To--Contrs plan appvd. 11/13
205068	11-8	NYS	Shore connection boxes; plan. D

IDAHO: LIGHT AND POWER.

1919

Number.	Date.	From or To--	Subject.
✓ 195040	7/29	NYS	Lighting arrangement of berth lights in sick bay; fwda plan.L To--Directs berth lights in sick bay be omitted and hooded non water-tight portables be added. 8/2
✓ 195522	8/2	NYS	Lighting system; fwda plans.L To appd subject to comment 8/28 NYS recommendations for exterior lights 9-27 To--Gives location of. 10/16
✓ 196326	8/11	NYS	Request plans of magazine fixtures.L To -- instructions 819
196348	8/8	NYS	Switchboards; fwda plans; list of feeders for, etc.L To - appvd. with comments 8-21 NYS method of connection standing light circuit 9-27
✓ 196267	8-12	To NYS.	Reqt plan of illuminating set. L NYS fwda plan 8-18
197494	8-23	NYS	Storage batteries charging station; plan. L
197919	8-28	NYS	Searchlights; asks if Govt has purchased; reqt plans.L To--Submits plans of. 9/20
198053	8-30	NYS	Berth deck light in sick bay/ plan.L
198441	9/5	NYS	Night signal sets already delivered.L To--Reqt lists of material. 9/14

IDAHO: LIGHT AND POWER. 563 -- 5

Number.	Date.	From or To--	Subject.	
198482	8/30	NYS	Shore connections; ~~fwds~~ plan.L To-- Appvs with mod. 9/12	
199225	9-13	NYS	Anchor and running lights; outlets for; plan. L	
199227	9-13	NYS	Anchor, stern, wake lights; outlets for; ~~fwds~~ plan. L To--Arrangement of outlets on outside not desired. 9/19	
199496	9-19	To NYS. To--Contra plans appvd with comment. 11/3	Anchor windlass motors; recd estimates to install feeders and switch panels to supply current to generators to windlass motors. L-1 To--Recd modifications. 10/19 and inspectors comments 10-20	
200224	9-19	NYS	Name plate markings; for switchboards/Plan.L To--Appvd subject to modifications. 9/27	
200307	9-22	NYS	Power system; plan.L	
200065	9/22	To Dept Via S&A	High power searchlights for; Bu has recd competition be waived and order placed with GE Co. L	708
200338	9-20	NYS	Auxiliary power distribution board; plan.L	
200556	9-27	NYS	Bracket fans; est inc cost for changes.L To-- Change appvd. 10/4 To Gen Insp--10/4	

IDaho: LIGHT & POWER.

1918

Number.	Date.	From or To--	Subject.
190016	6-1	NYS	Location of lights in shell, projectile and handling rooms.L.
189581	6-10	To NYS.	Directs no orders for turret auxiliary lighting, batters be placed pending receipt further information. L-S NYS recd decision be expedited 10-10 To--Fwds blue print of advance sheet R8. 40. 10/18
190587	6-10	NYS	Hand rail around generators; plans.L To--Satis to Bu. 6/17
190917	6-13	Cory & Sons To NYS--Ask when plans showing details of install of stor bat will be fwded. 10/18/17	Battery charging panel; tracings.L To--Action withheld pending Dept's decision 6/20 To--Sends plans for modi. 10/19 To NYS--instrns re install. 12/18 NYS recd 1-12
191287	6-20	NYS	Generator and buss feeder leads; plans.L
191308	6-22	To NYS.	Type plan regular and auxiliary lighting in turrets; fwds print of. L
191881	6-28	To NYS.	Specfns for electric plant; change 2 volt-meter motor-generating sets, type A, to read 2 direct reading ohmmeters. L

IDAHO: LIGHT & POWER. 563-5

Number.	Date.	From or To—	Subject.	
✓ 192144	6-29	NYS	Relative to provisions for stowing spare lamps. L To— Appvs arrangement recommended. 7/6	
193000	7-6	NYS	Illuminating outfit; plan. L	
193691	7/18	NYS	Recommends that representative of inspector's office be detailed to witness test of new design of gen sets conducted by the Gen Elec Co; recommends sending elec draftsman E. S. Frost. L	
✓ 194050	7-24	To NYS.	Type plan, regular and auxiliary lighting in turrets; fwds modified plan of. L	
✓ 194513	7/25	NYS	Distribution panels for power system; fwds plans showing changes in size of feeders. L To— Appvs with modif. 7/27	
194807	7/26	GE	Switchboards; fwds prints for approval	562-5
194985	7/28	NYS	After dynamo room; inspector recommends contractors provide operating gear for valves without additional cost. DR (Cross to 20) To— Not considered necessary to fit the stop valves in question with gear. 8/2	

1916

6

Number.	Date.	From or To—	Subject.
✓ 185237	4-19	C&R	Night signal set; request definite decision relative to location. L Detd--Gives location. 4/21 To NYS--Ditto. 4/21
185468	4-14	C&R	Arrgt of searchlight platforms and cage mast. L On To--Arrangement satis. 4/24
185423	4-24	To NYS.	Electric heaters proposed for torpedo room to after torpedo air compressor motor will not be installed; change dec cost. L
✓ 185879	4-28	To NYS.	Illuminating outfit; directs energize from shore connection lead to save wire and eliminate the illuminating set switch. L
186373	4-28	C&R	Searchlights; stowage; fwds plan. L
186912	5-5	NYS	Turret lighting; request plans be expedited. L To-- Action pending report of Turret Board. 5/17
187559 VOID	5-5	Hyde Windlass Co	Fire room hoists; request approval of use Hyde bronze in lieu of comp G DR
187561	5-10	GE	Gen sets; fwds test sheets. L To-- Ack receipt of. 5/18 To NYS-- Fwds test sheets. 5/18

IDARO: LIGHT & POWER. 563-5

Number.	Date.	From or To--	Subject.
187877	5-13	Navgn	Gyro compass and fire control system: copy of endorsement to Ord commenting on arrgt. L
188098	5-18	To NYS.	Switchboard: directs plans for generator panels be developed in accordance with Bu sketch 40-B-SK-2700. L
188693	5-19	C&R	Size and arrgt of searchlight platforms; rails and working spaces; Contractors request information. L Fwd C&R 6/2
189438	5-29	NYS	Searchlights; request description of. L To--Not yet purchased. 6/3
189129	5-29	TO NYS	Battery charging panel: fws print To-- Fws drawings of, 6/6
189548	5-26	NYS	After dynamo room: arrgt plan; fws. LDR To-- A pvs with modif. 6/8
189619	6-1	NYS	Contractors request authority to add new power feeder for ice cream freezer. L To--Disappva. 6/5
189950	6-5	NYS	Lighting system: outlets for anchor, stern, and wake lights. L Plans. To-- Appvd. 6/7

IDAHO: LIGHT & POWER.

Number.	Date.	From or To-	Subject.
182175	3-20	NYS	Berth light fixtures; type of socket for; fwd's sample.L To--Returns, comments on. 3/25
182228	3-21	NY	Shore connection leads for switchboard.L To NYS--Instructions. 3/24
182471	3-23	To NYS.	New type of magazine fixture now being developed; rec't contr.'s not place their order for magazine fixtures until new type is developed. L NYS recommends retaining present type fixtures on 3-31 To--Appvs retaining. 4/11
182580	3-16	NYS	Turbo generators; fwd's detailed plans.L To--Appvs subject to operation. 4/1
182510	3-24	To NYS.	Battery charging panel; fwd's prints show- ing changes in. L
183236	3-29	NYS	Power wiring system; fwd's 24 plans.L To--proposed method of dividing neutral inter-connecting bus feeders apprvd. 4/1
✓ 183346	3-31	NYS	Asks what feeders are to be used for supplying current to fixtures in 5" magazines.L To--Instructions. 4/11

IDAHO: LIGHT AND POWER SYSTEMS.

563 -- 5

Number.	Date.	From or To—	Subject.
184027	4/7	NYS	Screen speed light; reqt print.L To— Having number in error; correct number 25156-G (alt.3). 4/13
184085	4/5	C&R	Forward battery charging station; fwsd plans.L To— Will be necessary to rearrange shelving. 4/13 To NYS— Lists shelving to be provided for. 4/14 NYS discrepancies in dimensions 4-27 To NYS— Appvs instrs issued. 5/1
184063	4/7	C&R	Combined sterilizers and containers; recom- mendations relative to 529-5
184368	4-12	To NYS.	Electric sterilizers; auth incidental work under SE in connection with. L
184127	4-13	To NYS.	Switchboard; fwsd prints showing omission of searchlight rheostat handles from panels and addition of panel of a shore connection switch. L
184736	4/14	NYS	Switchboard; relative to location.L To— Comments on; refers to 184127-563-5. 4/17
185205	4-19	NYS	Illuminating outfit; fwsd plans.L To— Appvs with modif. 5/1
184653	4/18	To Locks Insulator Co	Asks if the two cage radio insulators sub- mitted as a sample in connection with SE requisition #46 are designed for electrical and mechanical strength specified in reqn 911
VOID			

IDAHO: LIGHT & POWER.

1912

Number.	Date.	From or To—	Subject.
177860	2-1	C&R	Battery charging panel; fwds plan and comments. L Retd--Satis. 2/8
178080	2-3	NYS	Type of outlets for sterilizer; have approved C&R Plan. L To-- Appvs. 2/7
178154	2/4	C&R	Battery charging panel. L To NYS--Gives Bu's action on to C&R. 2/8 Fwd C&R-- Noted. 2/23
178527	2-8	C&R	Elec steering gear will duplicate MISS; gives description of motor generator required. L
178671	2-4	NYS	Location of lights in shell and handling rooms; fwds plans. L To--Appvs with mod. 2/14
178772	2-10	J&R	Searchlight stowage; fwds plan. L Retd--Plans satis. 2/17
179031	2-11	NYS	Lighting system; Joiner plans; L To--Ack receipt of. 2/15
179019	2-12	NYS	Switchboards; fwds plans and comments. L To--Appvs with comment. 2/18
179462	2-19	To NYS.	Switchboard; fwds print showing redesign of searchlight panels; recd estimates covering change in cost. L

IDAHO: LIGHT & POWER: 563-5

Number.	Date.	From or To—	Subject.
180356	2-29	NYS	Lighting system; comments on plans. L
180824	3-4	NYS	Portable ventilating sets; request approval Sturtevant Co. drawing inlets for. L To-- ~~App~~ vs. 3/9
180926	3-6	NYS	Dynamo rooms; location of hot well tank; resubmit tracing. L To-- ~~App~~ vs. 3/11
180699	3-7	To NYS.	Generator leads; rect plans showing gen- erator leads and bus feeders be prepared for approval by Su. L NYS generator leads 3-15 To--Wires will be 400,000 c.m. instead of 500,000 c.m. 3/18
181192	3-9	NYS	Contradictory instructions re storage batteries for auxiliary lighting. L To--Instructions. 3/13
181298	3-10	C&R	After battery charging station; relative to location of. L Retd--Location satis. 3/13
181509	3-15	To NYS.	Illuminating set, advance sheet #36; fwds. L
182123	3-20	NYS	Battery charging and auxiliary lighting; a. parent error in instruction relative to number of trays/etc L To--Voltage inc from 20 to 25 volts. 3/27
181776	3-20	To Inst. NYS	Aux. lighting system - fwds. type plans L

Number.	Date.	From or To	Subject.
169496	10- 26	NYS	Dynamo room: arrgt and details; fwds plan and comments. LDR
169787	10/29	To C&R	To-- A pvs with modif 11/8 Illuminating set; fwds plan showing modifications in 554-5
170211	11-3	NYS	Stowage of searchlights. L Reqt action 11-24 To-- Fwds print of 11/30
170970:	11-11	NYS	Compensators for gen set. L
171131	11-12	C&R	Storage battery charging station: contractors request number of batteries to be installed. L Retd-- lists material to be installed 11/16 To NYS-- Fwds copy above: 11/16
172603	11-30	NYS	Gen sets: compensators for. L
✓ 172829	12-2	NYS	Single bracket fixture; relative to installation individual fixtures; switches. L To-- Auth be accepted and turned over to vessel for survey. 12/10 NYS asks if interpretation correct. 12/21
✓ 173292	12-7	NYS	Gen set; list of spare parts; fwds. L
173500 VOID	12-8	C&R	Dyna mo rooms: arrgt plans. L
173791	12/13	NYS	Stowage of searchlights; fwds contractors' comments relative to. L To C&R inc. copy 12-15 To NN 12-15 To NYS instructions 12-15

IDAHO: LIGHT AND POWER. 563 -- 5

Number.	Date.	From or To--	Subject.	
173797	12/13	NYS	Fwds contractors' reqt for sketch showing lighting in turrets. L To--Will be fwd shortly. 12/20	
173963	12-14	NYS	Reqd authority to use 4 way branch boxes on lighting system. L To--Appvs. 12/16	
174008	12/27	NYS	Berth lights: fwds prints. L To-- Appvs. 12/29	
175582	1-5	NYS	Power wiring plants: fwds with comments. L To--Appvs with comment. 1/15	
175912	1-10	NYS	Arrgt of terminals for gen set: modified plan. L	
176431	1-14	NYS To--2/11 To--2/29	NYS lists plans not on file 6-28/6 To KYS--Appvs plans with comment. 3/6	
176695	1/20	To KYS--Rect plans Joiner. 2/2 To Dept via C&R	Lighting system: fwds 50 plans. L To--Action withheld. 1/22 NYS re delay 2-14 Recommend installation of an after storage battery charging station	554-5
177700	1-31	NYS	Contractors asks type of elec side lamps to be used. L To--Gives type desired. 2/7	
177820	21-1	NYS	GE Co request holding up of night signal set be released and that they be allowed to complete and ship. L To--Authorized. 2/6	
177821	2-1	NYS	Battery charging panel: rect plan covering. L To--Will not be ready for several weeks. 2/3	

IDAHO: LIGHT & POWER.

Number.	Date.	From or To—	Subject.	
163377	8-13	NYS	Blinker light controllers; contractors state should not be required to furnish drawings. L To--8/17	
163414	8-14	C&R	Stowage of searchlights. L Retd--Fwds print 8/19/1	
163623	8/17	NYS	Light signal sets; reqt approval of standard drawings for. L TO -- appvd 8-21	
163957	8-20	NYS	Auxiliary power distribution panels; fwds plans and specs. L To 8/27	
164377	8-26	NYS	Gen sets; fwds print showing arrgt of terminals; recommends approval of 400 CM in lieu of 500 cm cable. L To--Appvs. 9/2	
165183	9-7	To NYS.	Type plan of switchboards; fwds. L	
165368	9-8	NYS	Candle sticks for officers quarters; fwds B&B pencil sketch; suggests substitution of china for celluloid. L To-- Appvs with comment. 9/13	
165296	9-7	GE	MISS ; gen sets; means of supplying oil to bearings	562-5
166165	9-18	C&R	Stowage of searchlights. L Retd-- Comments on. 9/24	
166266	9/20	Insp Phila	Barth light fixtures; have transferred inspection to Pittsburgh district. S	

IDAHO: LIGHT & POWER. 563-5

Number.	Date.	From or To—	Subject.
✓ 166640	9/24	NYS	Arrgt and control of anchor and running lights: contra. reqt plans. L To-- Fwds plans. 9/28
✓ 166922	9/29	NYS NYS-- Reqt action. 11/6 To-- Appvs. 11/6	Fwds sample of proposed oxidized copper finish for ceiling fixtures. L To-- Disappvs type of. 10/1 NYS fwsd samp finish 10-21
167248	10/1	NYS	Illuminating set: fwsd plans. L To-- Reqt copy plan 160-820-A-9. 10/9 NYS Reqt action 10/23
✓ 167158	10-2	To NYS.	To-- Fwds plans of illuminating set. 10/29 Auth installation of shore connection for supplying current to ships' lighting and power system from an outside source. L To-- Direct no modification in above. 4/13
167418	10-4	NYS	Compensators for gen sets: fwsd specs, prints, etc. L To-- Appvs with comment. 10/7
167929	10-5	C&R	Dynamo room: genl arrgt: foundations: plan.
167926	10-5	C&R	Genl arrgt and foundations after dynamo room: fwsd plan. Retd-- Appvs. 10/14 To NYS-- Fwds copy above. 10/14
168113	10-12	NYS	Switchboards: reqt plan showing wire connections. L To-- NY retd to fwd. 10/14 To NY-- 10/14
168281	10-13	NYS	Illuminating set: fwsd plan. L
168995	10-22	To NYS.	Switches for bracket fixtures: change to appvd type as furnished with "berth lights" L

IDAHO: LIGHT & POWER.

1915

Number.	Date.	From or To—	Subject.	
155065	5-1 5-10	NYS C&R	Arrgt of fwd dynamo room and foundations for dynamos; fwds print. L Fwd C&R--Appvs with comment. 5/19	
155595	5-21	To NYS.	Lighting system; fwds type plans of. L	
156581	6-1 To NYS-- 6/18	C&R	After dynamo room; fwds arrgt plan. L To NYS--Reqt inspectors comment on. 6/5 NYS after dynamo room 6-7 Fwd C&R--Comments on. 6/18	
156560	6-5	To NYS.	Turret Power; authorizes change in power wiring for. L	
157174	6-2 6-9	NYS C&R	After dynamo room; arrgt of foundations. L Fwd C&R-- See 156681-563-5. 6/18	
158185	6-17	NYS	Portable ventilating net; fwds specs and list of spares. L To--Appvs subject to operation. 6/22	
158454	6-19	NYS	Reqt approval Cory plan for distribution panel for lighting system. L To--Appvs. 6/28	
158833	6/24	To C&R	After dynamo trunk; change in location of	554-5
158960	6-25	NYS	Type plan switchboard; reqt. L To--Now being prepared. 6/29	
160004	7-9	To NYS.	Main switchboards; fwds prints showing arrangement of. L	

563 -- 5 IDAHO: LIGHT & POWER:

Number.	Date.	From or To--	Subject.	
160649	7-15	To GE.	Generating sets for: asks place of manuf. L GE 300 kw at Schnetzky. I-C at Fort Wayne 7-17	
✓ 160915	7-17	Sturtevant, B.F.Co.	Portable ventilating sets: relative to furnishing vandyke prints and installing iron reducers over intakes. L To--Fwds plan of. 7/21	
✓ 160900	7-17	NYS	Gen sets: fws plans and descriptions. L To--Appvs with modi. 7/22	
✓ 160919	7-17	GE	Gen sets: wate rate test	562-5.
161240	7-21	NYS 1009-2912	Storage batteries for auxiliary lighting in turrets. L To--Desire each turret consist of one 5-cell tray of type B-6-H cells. 7/30	
161421	7-23	NYS	Searchlights: reqt detailed prints. L Tp-- Gives dimensions. 7/28	
162284	7/29	NYS	Portable ventilating set, fws print. L	
162333	8/2	NYS	Fwd dynamo room; genl arrgt of. L	
162377	7/28	C&R	Stowage of searchlight trunks on third deck; fws prints. L Retd-- Comments on 8/7 To NYS-- Fwds copy above encl. 8/7	
163272	8-12	NYS	Berth lights: contractors reqt type. L To 8/17	
163292	8-12	C&R	Fws dynamo rooms; and foundations of dynamos; fws plan. L Fwd C&R 8-18	

IDAHO: LIGHT & POWER.

1914

Number.	Date.	From or To—		Subject.	
138047	10-27	NYS	1672-2016	Reqt specs covering 3-wire gen sets. L To-- Gives information. 10/29	
141688	12-9	NYS		Night signal sets: asks if necessary to supply drawings for. L NYS reqt action 12-29 To--Instructions. 12/29	
142807	12-22	NYS	1960	Bracket fans: reqt approval of certain type. L To--Instructions. 12/29	
143944	1/8	NYS		Reqt type plan of light, power and I-C sys 563-3	
144603	1/15	To C&R		Reqt contract plans for use in connection with preparation of type lighting and power systems	554-5
145173	1-21	NYS	101-2013	Bracket foundations: protests against furnishing except under a. cons. in force Aug 1, 1914. L. To--Instructions 1/29	
146100	1/30	C&R		Fwds deck plans for use location of lights	554-5
148786	3-4	GE Co.	T	Gen set, reqt appt for Mch 6 or 8. L To--(T) Convenient to see. 3/4	
149103	3/5	G E Co		Gen set; fwds outling plans, specs. etc	552-5

IDAHO: LIGHT & POWER. 563 -- 5

Number.	Date.	From or To—	Subject.	
149425	3-11	NYS	Anchor windlass equipment; comments in connection with providing switches on forward distribution board. L To-- Comments on 4/12	
150115	3/18	GE	Gen set; fwds plans	562-5
150224	3/20	GE	* MISSISSIPPI; fwds instruction book and prints; gen set; comments on lub system	562-5
1510 ^W _A 6	3-30	C&R	Elec equipment for anchor windlass: reqt be provided. L	
152371	4-14	NYS	Anchor windlass equipment; re provision for on board. To-- Gives arrangement of 4/21	
15286 0	4/21	TO C&R	Power wiring system; type plans; fwds for comment	554-5
✓ 153711	5-3	TO NYS.	Plans of power system; fwds prints of. L	
154270	5-6	NYS 1336-3904	Dynamo room; genl arrgt. L	
154752	5-10	C&R	Fwd dynamo room; genl arrgt. plans. L. Retd-- See 155055-563-5. 5/19	
154686	5-12	TO NYS.	Illuminating set; fwds print of. L	
151726	5/12	Dept	Method of striking down searchlights or searchlight stowage, approval of	562-5

IDAHO

MAYO

1922

Number.	Date.	From or To—	Subject.
645990	12/13	Ing. Sd.	Gives name late data on radio receiving equipment.
654056	12/11	CO IDAHO	Radio prints listed be furnished W To CO Radio prints 12/22
654981	12/20 12/22	Pac fic Battleship Div. Battle Fleet	And TENNESSEE. Report on inspection of radio work W

[illegible]

1921

13

Number.	Date.	From or To—	Subject.
543513	1/31/21	To S&A	Request shipment of volt loud buzzer from NY to Pug Snd 6128 W. RB 4/6 W.
550086	3/9	To Pug Snd	Installation of radio equipment: Gives instrns W To Pug Snd 4/28 Pug Sd-rwds Magnetization curve for DO gen-5;14 To Pug Snd (T) Gives Inform 5/20 Pug Sd-rwds prints showing arrangement of model equipment-7;25-W
551217	3/17	To S&A	Request shipment of receiver from Washn to Pug Sound 6661 W RB-6;1-W
553244	3;23	CO T	Request Pug Sd issue audion control panel from stock.W To Pug Snd Authd 3/26
602969	1/3	1922 MI (T)	Request immediate shipment of one Dubilier condenser. To S&A Request shipment of Condenser from Phila To CO 5470 1/5/22 RB 4/27/22 W

Number.	Date.	From or To	Subject.
✓ 631335	6/16	CO	"request change in housing of aux antenna W
✓ 631338 6	5/9	CO	Change mesh trunk around antenna W To Eng Snd via C&R alteration of. 7/21 W C&R copy action to CO 8/1 W C&R 9/8 fwrds letter from CO rel to alterations necessary W C&R 9/8 Copy of action to Dept W
✓ 637836	8/10	Pac. Fleet	Fwrds correspondence rel to alteration to auxiliary antenna trunk W. Fwrds Dept via C&R 8/25 RB 9/25 W C&R 9/25 Copy of action to Dept W Fwrds C-1-C Pac Fleet via Eng Snd to CO Comdr Battleship Squad 4- C&R 9/28 RB 10/25 W Eng Snd- 10/16 Estimate covering new auxiliary antenna trunk W To Eng Snd- Arrangement appvd 11/2 Eng Snd 12/1 W
✓ 642694	9/18	CO	Request condenser & vacuum tubes be furnished W To S&A Request shipment of condenser from Italia to CO 11/1 9/30 To CO - gives action taken 10/3 Pac Fleet 10/25 Recommendation cov allow- ance of spare parts for auxiliary set W

IDAHO; RADIO;

1919

Number.	Date.	From or To--	Subject.
453210	10-24	To S&A	Reqd shipment spark gap units from P.S.B. to CO. W
437615	11-19	SEE CARD 11 RB 1/280 Comdt Wash - fwas correspondence for comment and recommendations 12-31 To Weston Elec Co - latter being investigated. 1-31 To Wash - 2/5 - W To Weston Elec. Co - have advised Wash id not necessary to have thermo couples shipped to factory - 2/5-W Weston Elec Ins Co-2;12 NY - 6/2-W	To Weston Elec Instr. Co-Thermo couplings on board ship and in good condition. Advise if necessary to ship to your Co and shipment instructions will be issued. W Weston Elec Instruments Co - submits quotation covering repairs on thermo ameters - 11/20-W Weston Elec Instrument Co-ask if reqn has been made covering repairs 12:6 Weston Elec Instr Co-12;22 NY-2;20
464483	12:15	Insp NYS Fwd Solicitor. 12-26RB-12;31	Battle radio room and interfleet radio room installations-fwds estimated increase in cost.D
464484	12:15	Insp NYS Fwd Solicitor. 12-26RB-12;31	installation of radio ~~intra~~ telephone set in interfleet station-fwds estimated increase in cost.D
464485	12:15	Insp NYS Fwd Solicitor. 12-26RB-12;31	Installation of battle and auxiliary radio apparatus-fwds estimated increase in cost.D
464515	12:15	Insp NYS	Changes in radio installation by omission of superstructure deck radio station-fwds estimated decrease in cost.D

563-6: IDAHO: RADIO:

Number.	Date.	From or To—	Subject.	
466166	12;29	Insp'r NYS	Plans of rigging for wireless installation— Pug Sd requests be furnished with.W	
437615	665	SEE OVER K	To SO Brook Fwds copies of I..L. Let 6/2/20 W.	
511121	8;6	CO	Request be placed on mailing list for month- ly radio report.W To CO. fws 8/17	
524575	10;12 10;13	CO Pac Flt	Request officers be allowed to subscribe for engineering monthly radio report.W To Pac Fleet Gives inform re reports 11-16	
533866	12;9	Pug Sd T	Ask if extensive radio alterations contem- plated will be undertaken during overhaul.W To Pug Snd (T) Gives detld inform 12-13 Pug Sd-1;21- 1921	
540741	1/18	To S&A	Request shipment of tele apt from Washn to Pug Sd-1;21- 1921	
535896	1-4 1-17	CO IDAHO Navigation	fwd S&A 2-1 CRE 3-3 Request publications, listed be furn for radio classes. W	876

IDAHO: RADIO;

1919

Number.	Date.	From or To	Subject.
416428	5-10	To D.N.C.	Reqs for standard plans or requirements for communications office or desk on board each class of ship. W R B 6/6
66 418186 66	5-12	Insp NYS	Nec modifications to Power System due to changes in radio sta- Submits estimate - W-I To Change appvd and referred to Ed Changes. 5-19
418130	5-14	To Comdt Wash	Repair of defective elec material from IDAHO- Reqs make repairs of material listed and returned to vessel as soon as possible. W
419493	5-17	Insp N.Y. Ship	Installation of radio telephone sets in interfleet station. Estimate of increased cost W Insp NYS 6-16 Fwd Solicitor. 6-26 R3 7:1 To Insp NYS- Change appvd and fwd to Bd changes. 7-7
420490	5-20	Insp N.Y. Ship Fwd Solicitor. 6-26 R3 7:1	Battle radio room and interfleet radio room installations estimates of increased cost. W Insp NYS 6-17- Rqst action
4 420591	5-16	Insp N.Y. Ship Fwd Solicitor. 6-26 R3 7:1 To Insp NYS- Change appvd and referred to Bd on changes. 7-9	Battle and Aux radio installations on. Submits estimates of increased cost. W Insp NYS 6-17 Rqst action

563 - 6 IDAHO: RADIO

1919

Number.	Date.	From or To--	Subject.
424349	6-12	To I.M. Ny (T)	Return type CV 1484 radio frequency meters thermo element and leads from IDAHO to Weston for repairs letter follows. 6-12 To I.M. Ny- Repts shipt of frequency ammeters ~~to Weston~~ to Elec Instrument Co for repair. 6-17 To Comdt Wash- Repts shipt of defective thermo elements to Weston Elec Co for repairs. 6-18
425481	6-17	To NY (T)	Issue to IDAHO 12 lowenstein tubular 10 kw quenched gap units from TENNESSEE set in store. These will be replaced latter. W NY (T) gives invoice on which material will be delivered to vessel - 6/18 NY (C) must disregard NY telegram of the 18th - W 6/19
428046	6-25	To S&A	✓ Reqt shipt frequency ammeters. from Wash to CO. W
430374	7/5	CO (T)	Reqt issue radio receivers for use on Southern trip. W.
434119	7/15	Atl Battleship Div 5	& IDAHO Recommends compass and arc sets be removed and a skeleton tower substituted in connection with radio installation. W: 205
437615	8-8	To I.M. Ny To Weston Elec Co- shipment of meters being taken up with Ny and will advise upon receipt of information copy to I.M. Ny- To Ny. SEE CARD 12 NY - 11/8	Repair of radiation ammeters. To be returned to Wash yd for stock upon completion of repairs. NY 8-15 NY 10-21 reqt action Weston Elec Instrument Co 10-24 Asks if thermo couples were recd- W

IDAHO RADIO

Number.	Date.	From or To—	Subject.	
406866	3:27	Phila	Confirms tel. conv. in connection with shipment of matl sets for installation on W	
408055	4/4	CO T 635-4	Request radio draftsman Troegner be ordered to ship to lay out work - also supply necessary information and prints - W	
408458	4:2	Ins. NYS	Extension cables for radio telephone sets fwdg prts To Insp NYS- Approves drawing covg 4/8	
408635	4/7	To Washn	Re modifications of standard title ship receiver, re it applicable models E F G receivers, list matl equip to mgr for	876
409432	4-8	To USS IDAHO (T) by April invoices. 9-16	Expenditure \$500. auth for installn radio app on - W CO-states A. R. money not used-reqt authority to extend 'st quarter '99. 9; '2	
409608	4-10	To Ind Mgr NY (T)	Auth issue nec small matrl in conn w installn radio apparatus - W	
410396	4/12	To CO (T)	Auth transfer 6 radio storage batteries type 30 119 to I. MO. prior her sailing in accordance with telephone conversation with radio officer. W.	554-6

IDAHO RADIO

Number.	Date.	From or To—	Subject.
410926	4-15	CO	Reqt Wash modify design of detectors before m2. W 898
411243	4-17	To S&A	Reqt ship radio storage batteries from Wash to CC. W
411247	4-18	To S&A	Reqt ship frequency ammeter from Wash to CC. W
410918	4-18	CO	Report of working of relay calls attention to errors in drawing of double booth W
413231	4-26	CO	Tele. Work completed W To (7) - When will radio work be completed so that Radio aide Geo. Clark can return Washington. Services urgently required. 4-24

IDAHO: RADIO

Number.	Date.	From or To--	Subject.
> 395105	2:12	Phila	Confirmation telephone conv. Wash. Yd. relative to shipment of radio receivers.
395155	2-17	To SEA	✓ Reqt shipt receivers from Wash to NYS. W
397963	2-27	To Insp NYS (T)	Necessary work in connection moving voice tube panel and mounting motor buzzer in radio room appvd. W
398493	2:26	Ins. NYS	Fwds table ind. circulating in re: radio matl. for installation by contr. W To- Retention on board of excess radio items is appvd. 3-6
398355	2:27	Ins. NYS	Fwds contr. let. submitting list of insulators recd. during Jan and Feb. W
397970	2-28	To SEA	✓ Reqt shipt four Audion ~~xxxx~~ battery charging panels from Wash to NYS. W

1919

563 - 6 IDAHO; RADIO

Number.	Date.	From or To--	Subject.
400652	3-8	To Insp. NYS (T)	Four audion charging panels expressed from March 3rd. W
401391	3:10	Phila	Confirms telephone conv. in connection with ~~radio~~ shipment of radio matl from NY to Phila for W
402990	3:15	Phila	Tel. list matl. required by expert radio; add brochure is sent to W Phila (T) receiver installation will be completed 3:17 -- 3:15 W
403056	3-17	To Comdt Phila	Installation of new type receiving apparatus. W
403687	3-19 4:7	To SEA Ins. NYS	Recd. shipt antenna break key from Wash to CO. W
406421	3/27	Phila	Confirms telephone conversation relative to shipment of 126 meter sets - 7

IDAHO: RADIO

Number.	Date.	From or To—	Subject
387540	1/20	NYS	Copy of letter to Phila relative to size of insulators to be furnished - W
387505	1/21	NYS	Request allowance lists be amended to include one buzzer instrn set - W
To S.O. Phila- apparatus. 3-17		Reqt's acknow rec't of	To S&A - Reqt shipt radi. buzzer trans set. from Wash to Phila. 1-29 RB 4-9 Phila - 3/21
387506	1/21	NYS	Request Bu authorize shipment from Phila of wire rope for radio antenna - W
387512	1/17	Ins. NYS	Req. instructions covering return of 20 large insulators Western Elec. Co. W To - Amended shipt order has been prepare. 1-25
387188	1-24	To S&A	Reqt shipt aux radio trans set from Boston to Chasn. W
To - Reqt's shipt one radio frequency ammeter frp Boston to Chasn. 2-12			Chasn - Replacement of radio frequency meters 2-12
To Chasn - broken instrument should be sent to Phila for survey. 2-15 com to Phila 3-8			to Phila 3-8
388453	1/23	Chas: Sh. Ord. 2-12 RB 3:10 Phila	Confirms telephone conversation in connection with drawing calling for additional wire rope for antenna - 7
387764	1-28	To S&A	Reqt shipt various articles radio from Wash to CO MASSACHUSETTS. To - Reqt's cancell above. 3-13 S&A - 3/24

IDAHO: RADIO

18

Number.	Date.	From or To—	Subject.
390493	1:29 1:30	CO COM	Req. ship be supplied with Western Elec. CO pamphlets entitled "Descriptions and Instructions for operating radio telephones." O NYS- fwd booklets for operations of short range radio telephone set. 2-5
390378	1:28	Phila	Confirms telephone conv. stating contractors ask if Bur. will fwd. plans covering radio installation on W
390516	2-1	To S&A	Reqt ship Interfleet radio key from Wash to Phila. W RB 2:19:19
392188	2:5	Ina. NYS	Recommends spare parts listed be added allowance list W
391901	2-5 2-6th. be cancelled. 3-17	To S&A To S&A- Reqt ship order of	Reqt ship radio material from Wash to Phila. W To- Gives additic. al material to be included in solve reqt. 2-23 To - Gives amendments to shipment order of Feb. 6th Desired. 11-17 Report shipment order 2-5-18 mailed to Supply Officer instead of Insp. mach. covering radio telegraph W
394649	2:12	NYS	

Number.	Date.	From or To—	Subject.
370420	11:18	Phila	Confirms tel. conv. regarding entering ~~xxx~~ insulators for sets on W
370500	11-19	Inspr. NYShip	Radio antennae - contractors prepare rigging - Navy Yard to install Two letters To ~~---~~ in struct. for installation of antennas. 12/3
372623	11:26 12:19	NY ship S&A	Installation of radio apparatus contractors give list of mat'l. required. W
discrepancies. 12-21 To S&A Rect ship order off 12-5 be amended to read 6 connectors. 12-21 Fit. Sup. Base 11:24:19		To ~~---~~ amend made to cover To Insp. NYS re insulators. 12-7 Insp. NYShip Dec. 9 To So. Brook. Adv. to mg fittings. not instock. 1-29 NY - 11/17	
372608	11:26	Phila	Req drawing of radio inter fleet station W Q- ~~xxxx~~ plus re radio to 10 group, 12-2
377195	12-11	Inspir. NY Ship	Asks if rotary copy will be furnished in for use in connection with installation of radio apparatus for battle radio station W To 12-18 & Phila.
75			
357195	12-18 2:14	To NYS- NYS	Radio apparatus - Gives instructions re install- ation ~~---~~ W

563- 6 IDAHO: RADIO

Number.	Date.	From or To—	Subject.
377354	12:13	Phila	Confirms tel. conv. asking if ship will be rec buzzer transmitters before leaving for trial trip W
378780	12:17	Phila	Confirms tel. conv. stating will have break keys by Jan 15, W
345186		FROM CARD 5	Insp. NY Ship Dec. 20 Phila, Dec. 21 - confirms telephone con versation to Insp. NYS- gives location 1/6/19 W NYS req. additional information 2:14:19 W
381195	12:24	Phila	Radio instalation fws prints W
386473	1:17	Ins. NYS	Copy of letter to Phila. listing additional insulators for rigging which will be required W ✓ T. S&A-Reqd shipt 66 small strain insulators from oPhila to NYS. 1-25

IDAHO: RADIO

Number.	Date.	From or To -	Subject.
354601	9/30	C&R	Method of fitting porcelain insulator to rigging - fwds prints - W
345186	10/2	New York Ship	NYS - details of elec. installation on bridge - fwds prints.
NY ship asks if plans of buzzer system is completed 11:27 W			New York Ship Nov. 2
To Inspr Camden, comments re Loud Speaking Telephone system. 11-27			NY ship asks if loud speaking telephones have been shipped
NYS fwds prints 12:26 W			To NYS - Run of leads as shown satis. 2-4-19
NYS radio buzzer signals syst. fwds prts. 1:24; 1:19 W			
356075	10:5	Ins. NY Ship	Request installation of tubes. Plans W
Fwd Inspr NYS- 2-3-19 RB 2:28			To NY, Request date of shipment of insulator mat'l 11-4
			To Inspr NYS re shipment of above 11-4
			To S&A Request ship radio mat'l NY to Inspr NYS 11-4
			NYS - have not recd shipping report - 11/29
			S&A relative to shipment of radio mat'l. 12:16 W
			NYS - 1/7
			To S&A - asks take action re install for 1-13
357195	10:9	Ins. New York Ship	Req action in connection with main and inter fleet radio rooms for
1:15		Ins. NYS	Insp. New York Ship Nov. 13 - list equipment at hand for installation - also additional equipment required
To - Material to be ready 2-1/19.			Insp. NY Ship Nov. 30 - Request early action W
If all material not ready ship great er part so that installation may begin.			
To Phila - Material to be shipped 1-24-19			
by Feb. 1st. 1-25			
357196	10:9	Ins. NY Ship	Insulator for rat-tail tubes need for installation - req. delivery be expedited W
358557	10:11	Phila	Confirms tel. con in connection of plans for inter-fleet radio room arrangements W

563-6 IDAHO RADIO

Number.	Date.	From or To--	Subject.
✓ 8828	10:15	Phila	Req. blue prints book of instruction and Lou & Stine spark transmitter Phila. Nov. 6 Book of instructions not received to Phila. Fwding book-let of spark transmitter, 11-12
359554	10:17	Phila	Rad. installation req. van dyke "W" 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-12-1
360853 T	10:21	Ins. NY ship	Are writing Phila. to supply necessary installation for rigging at once W 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-12-1 To S&A. Repts shipment of radio apparatus, Phila to Camden, 11-13 Fwd Inspr Camden, 11-15 RB 1:31:19
364919	11:1	Ins. NY ship	Req. Phila Ya. be directed to design and construct antenna for W to Phila. Repts shipment of radio telephone set for Inspr. NY Ship Dec. 7- ask if department is approving installation of radio telephone set Request corrected type. Inspr Camden. (T) 13:06 Type SX 3612 transmitter will be supplied for Idaho Ship, being order amended. 11-9 To S&A. Repts shipment of radio apparatus, Phila to CO, 11-13 Shipmt order 11-5 RB 2:19:19
INS - New York Ship Dec. 19 - Fwd prints of radio tel. set To Inspr NYS- asks fwd prints 1/7 NYS - Repts prints - 1/4 / 365424 11/8 NYS To NYS- 1-17			
361236	11-12	To S&A	Repts shipment of radio apparatus, Phila to Camden, W Inspr N.Y.S. 6/24.
36854	11-16	To Inspr Camden	Repts blue-print of receive, W

INDEX: 1010

1918

5

Number.	Date.	From or To -	Subject.
330200	6-22	C&R	Radio - tell tail tube - fwds print. W 7-19 C&R - Copy of letter to Constr NYS authorizing work. 7-22
330400	7-16	Insp. NYS	Radio if radio direction finder ship to be installed on. New York ship 8/3 - next action - W To Insp. NYS installation not approved 8-15
330165	7-24	C&R	Relative to installing radio direction finder. W Fwd C&R 8-10 C&R 8-10 copy of instructions to NYS - W
332452	7-31	C&R	Rearrangement of radio room - fwds prints showing ventilation and 3rd deck between frames. W Fwd C&R 8-3 C&R 8-5 Copy instructions NYS - W Insp. NYS 8/19 - list of cable sketch.
333423	8-1	NYS	Request if station be fitted with 2 kw spark transmitter - W To Insp. NYS will not assign transmitter 8-7
334961	8/6	NYS	Fwds contract proposition in connection with insulators and fittings to be supplied by Government for radio installa- To Insp. New York Ship Spt. 23

IDAHO: RADIO 563 - 6

Number.	Date.	From or To—	Subject.
335153	8-9	To Inspr NYS	Re installation of radio antenna trunks, W
✓ 335119	8/10	CAR	Proposed arrangement of interfleet radio room in connection with four foundations - Phila inspr NYS 8-19 Re stating arrangement satisfactory 8/23
335365	8-8	NYS	Request action
345186	9-6	To Phila	Best list radio apparatus Phila to Inspr NYS W
Ins. NY ship inter fleet rad. room fws plans 10:18 L&W	10:15	Ins. NY ship	Inspr NYS 9-10 re install of loud speaking
345190	9-9	To NYS-12-18	SEE CARD 7 To Inspr NYS re loud speak telephones, 12-4
3-7228	9-9	Ins. NY	Re-arrangements of Radio room W To Inspr NYS comments on above; fws sketch 9-16
351298	9-21	Phila	Request Van Dyke listed W
353693	9/25 9/30	NYS CAR	Completion at Contrs works of antenna trunks - copper wire mesh No 14 being used instead of 18 inch - W Fwd CAR 10-2

Number.	Date.	From or To--	Subject.
292756	3-26	Phila	Switches for battle radio - fws plan. To- fws print. 3-29
293029	3-27	C&R	Battle radio room and main rat tail tube - fws print. W Fwd- 4-1
293908	3/30	NYS	Main antenna tube - fws prints - W To- Appvs details under its cog. 4/13
294002	3/29	Phila	Request copy of all shipment orders covering radio apparatus for - W To- 4/16
297481	4-9	Phila	Requests that yard be authorized to construct antennae. W To- with memo. 4/18 To (T)-- South Carolina plans fwd today 6-11
298945	4-17	Insp NYS	Radio installation - asks if changes shall be made to meet requirements shown to be necessary on battle ships oper- ating abroad. W

IDAHO: RADIO 563 - 6

Number.	Date.	From or To—	Subject.
300361	4/23	C&R	Radio installation - fws correspondence - W C&R 11-4
300252	4/22	NYS	Radio installation - fws plans - W
311300	11-23 5:6	To Inspr Camden Ins. NYS	Desires extension cables for radio telephone set, W Insp. NY Ship Dec. 19 - fws prints showing extension cable for radio tele- phone set NY req. reply 2:17:19
314493	6-11	NYS T	Request action-duplicate print being To (T) - Is this Idaho. Cannot locate reference what material is necessary, 6-10 Insp. NYS - T - fws duplicate drawings of radio installation on. W 6-11 To (T) - Necessary enlarge radio room, 6-14
313574	7/22	C&R	Installation of radio apparatus - fws prints C&R 7-5 C&R - copy of letter to Insp. NYS giving action - 7/11
313575	6/22	C&R	Get tail notes - fws print. C&R 7-5 C&R - copy of letter to NYS authorizing work 7-11

IDAHO: RADIO.

1917

Number.	Date.	From or To—	Subject.
✓ 254358	10/11	NY	Port and starboard auxiliary antenna trunks fwd's prints - W
256353	10/23	C&R T	Installation of pneumatic tubes - fwd's prints - W Fwd C&R- 10-31
✓ 257947	11/1	Insp'r NYS T	Battle radio room-regt plan showing equipment and installation.W
✓ 268193	12/19	C&R	Delay in installation of radio - C&R recommends Rep. from each Bureau visit ship in order to arrive at a decision - W Fwd C&R-12-24 R B 1/4 to NYS- Contractors to install trunk for main antenna. 1-5 Fwd C&R-1-5
274083	1/15	C&R	Relative to bulkhead in radio room.W Fwd- 1-17
✓ 277844	1/25 1/30	Supt Constr NYS C&R	Radio installation - request change be performed after ship has been delivered - W Fwd C&R 2-1

IDAHO: RADIO. 563 - 6

Number.	Date.	From or To—	Subject.
✓ 281998	2/15	C&R	Installation of radio apparatus - fws prints of rat tail tubes - L wd C&R 2-19
288619	3-10	NY	Radio apparatus NYS last date of delivery - To S&A Regt ship radio equipment from have received no instructions. W NY to NYS. 4-20
289118	3/12	NYS	To- List. Radio apparatus filed. granted. 2-18 NY - will complete radio apparatus by May 20th - gives estimate cost. - w 4/8 To NY--A pvc est. 4/18
To NYS-4/18			Trunks for main antenna leads - request lates prints - W To- Installation main antenna should be in accordance with drawing. 2-15 Inscr NYS - Asks if drawings quoted are latest plans for antennae. 3-25
289119	3/12	NYS	Contractors state are ready to proceed with installation of radio apparatus and request skilled workmen be sent - W To- Inform when plans will be fwsd for apv. 3-15 NYS - 3-30
292312	3/22	Phila	Request radio prints showing recommended changes - W
292481	3/25	Phila	Radio installation - request drawings - W

1916

IDAHO: RADIO

Number.	Date.	From or To—	Subject.
192424	7-3	C&R	Flag bridge radio station; request plans. W Retd--Fwds plans. 8/26
196798	8-16	C&R	Flag bridge radio station. W C&R Reqt action. 9/28 C&R request action 10/3 Fwd C&R--Recommendations. 10/4 To C&R--papers referred to in ref (A) Retd with reference (b). 10/7 Fwd C&R--10/23
216634	3-5	NY3 To Secy--Print of 1/25 set. for NY to NIS for. 1/25 To Secy--Print of 1/25 set. for NY to NIS for. 1/25	Asks if Bureau desires contractors to install radio outfit at inc cost... NIS reqt action 3/21 To--Gives action on. 3/22 To--Directs communicate with Phila for any assistance in drawing up plans of radio set for. 3/23
206701	3/22	To NY	Directs have complete radio equipment installed by contractor before delivery of vessel. W 876
✓ 223484	4/17	NY	Idaho; Prints for radio installation will be completed April 20th. W
✓ 223848	4/18	NY	Fwds estimate cost and print for install- ing radio equipment W

IDAHO: RADIO

Number.	Date.	From or To—	Subject.
225304	4/27	NY	Fwd's print of proposed general arrangement of battle radio station. To—Re modification of drawing. 5/18 NY - fws prints 8/13 W
✓ 234371	6/19	To S&A	Reqt shif t of port field set from Wash to NYS for. W
✓ 244042	8/15	NYS	Request information in order to proceed with installation of radio apparatus W
✓ 246827	8/30	NY	Radio installation in battle radio room - fws prints W
249629	9/17	NYS	Installation of radio outfit-reqt plans. W To - fws prints. 11-21 11-21 - 11/3 - W NYS - gives reasons for delay in answering 2/25/27
251676	9-28	To C&R	Radio telegraph - arrange to have pneumatic tubes installed if not already done. W C&R - 10/6 "

1915

IDAHO: RADIO

Number.	Date.	From or To—	Subject.	
158027	6-21	To Dept. via C&R	Battle radio room and aux. sta. location	554-6
161114	7-20	NYS	Reqt rating of sets be supplied; also why feeders are of different ratings. W To--Comments on. 7/24	
163287	8-11	C&R	Battle radio room; fwds prints. W Retd 8/17	
166415	9/20	C&R	Fwds prints showing ventilation arrgts; unable to remove ventilation ducts from room. W Retd--Setls: 9/22	
168939	10-18	C&R	Battle radio room; fwds print. W Retd-- Print setls: 10/23	
170640	11-8	NYS	Reqt confirmation of changes in upper radio stations; ordered by C&R. W To--Change apv'd; submits est for 11/11	
171305	11-15	C&R	Asks if insulators are required in rigging for radio. W Fwd C&R--No insulators required. 11/17	

IDAHO: RADIO 563-6

Number.	Date.	From or To--	Subject.
175918	1-10	C&R	Recommends postponing location of auxiliary radio room until power wiring leads is decided upon. WL Retd--Comments on. 1/12
179861	2-21	NYS	BATTLE radio room: fwds proposed plan. W Fwd C&R--Recommendations: 3/7 RB 3/22 Fwd C&R--3/24 RB 4/6 Fwd NY--4/7 RB 4/12
180516	2-29	NYS	Fwds print showing shunts around turnbuckles on slack guys and insulating radio. W
180935	3-7	To NYS.	Water-tight box for type H5 telephone: Bu will give consideration to housing all telephones on weather decks as change under contract. L 563-4
188354	5-18	C&R	Battle radio room: fwds plans. W Retd--Satis to Bu. 5/24 (2)
189048	5-25	NYS X	Throw over switch for feeders: fwds print of proposed. LW To--Disappva: not necessary: 5/5 NYS has approved Gory's 100 ampere switch 5/12
✓ 190994	6-15	C&R	Flag bridge radio station: reop plan. W Fwd C&R--Have reqtd NY to furnish. 6/20 To NY--Furnish print to NYS. 6/20

IDAHO SUBMARINE SIGNAL APPARATUS

Number.	Date.	From or To--	Subject.
409523	4:8	Insp. NYS	Installation of 1 oscillator type sending and receiving set submits estimate of increased cost 1 To Inspr NYS - Change auth and referred to Bd on Changes. 4-15
464435	12:15 Fwd Solicitor. 12-24 RB-12:31	Insp NYS	Installation of one oscillator type sending and receiving set-fwd estimated increase in cost.D
W 1046	1/21	NYS	All oscillator equipment placed on board vessel before she left Id SW 629
537892	11/21 12/30	CO C&R	192 0 Rqst install submarine signal oscillator. W. from C&R 1/6/21
537947	12:29	Pug 3d	Ask if shall proceed with installation of kiel type oscillator sub To Pug Snd Instln not desired cc C 1/7/21 Pug 3d-1; 17-17 To C&R. Request no further work be under cog of C&R be undertaken in conn with this work 1/21/21 To Pug Snd Gives instrns cc C 1/28/21 To Pug Snd- Gives instrns 2/9

7014

IDAHO: SUBMARINE SIGNAL APPARATUS.

Number.	Date.	From or To--	Subject.
✓ 195041	7/28	NYS	Submarine signal system; wiring diagram; fwd. L To-- Appva 8/2
228731	5/16	NYS	Asks if submarine signal set to be delivered under requisition 196 is for this vessel L To--5/22
228102	5/16	To NYS	Dept has appvd install of oscillator type submarine sending and receiving set on. LW NYS - Request plans and specifications 5/21 L NYS - Request that action be expedited 6/2 L To--5/22 NYS - request plans and specifications 7/14 L
252527	10/1	NYS	Submarine signalling system - fwds print L To--Plan appvd with modif. 10/8 NYS-Fwds print. 10/30 L NYS - gives location of apparatus 11/28 L
253579	10/8	NYS	Sub. signalling leave - relative to repairs to L To--C nfirm permission. 10/11
386912	1:18	C&R	Ask Bu. intention to insta 1 submarine signal set at Norf. or NY L Fwd C&R. 1-29 C&R - co y of letter to NY authorizing work -2/3

IDAHO: SUBMARINE SIGNAL APPARATUS. 563 - 7

Number.	Date.	From or To—	Subject.	
✓ 266569	12/8	Sub Sig Co	Reports shipment of oscillator (submarine) apparatus -	
274148	1/15	NYS	Request type plan of installation of kiel oscillator - L Fwd NY 1-24 To NY 1/27 R. B 3/5	
278941	1-31	Submarine Signal Co	CALIFORNIA MISSISSIPPI IDAHO & NEW MEXICO. Fwds copy of letter to S&A recting amendmt. to contr covering increase in cost \$19.	573-7
280869	2/11	C.R. To Norf- Oscillator set was ordered on Bu contract. Wash. N.P.O 1046. 5-9	Fwds contractors suggestions for intalling Submarine signalling sets. L wd 2-13 R B 3/29 with plan - L Fwd Can 4-6 Norf - Reqt action on 2nd paragraph - 4/7	
1046	1-31 2-9	Submarine Signal Co S&A	Rel to increasing price for submarine signal apparatus for MISSISSIPPI, IDAHO & NEW MEXICO on acct of change in voltage. L&S	629
309905	5-23	Inspr NYS	Fwds blue print showing working wiring diagram of submarine signal system. L	

IDAHO MACHRY PLANT GENERAL

9

← 3281

IDAHO MACHRY PLANT GENERAL

1922

Number.	Date.	From or To—	Subject.
640645	6/30 9/7	CO Ordn.	Subm report on material readiness. Y Fwds Opers 9/29
640905	9/4	CO	Subm list of items of work to be undertaken by Ships force while at yard. Y
641179	8/26 9/12	Pacif. Fleet Ordn.	Subm report of inspection Y Fwds Opers via Navisn. Med. & Surg. Y Maj Gen Comdt Marine Corps 9/25
642392	9/22	Dept	Copy of telegram to Pug. Jd. extending availability of vessel to cover instln of safety latch device on operating levers. Y

Number.	Date.	From or To—	Subject.
/ 645990	10/12	ing. d. VOID See "6"	Gives name plate data on radio receiving equipmt.
/ 645991	10/12	ing. d.	Request duplex pump and boring mill contained for sale be withdrawn and issued to Supt. To ing Snd- procedure appvd 10/26
/ 649248	9/30 11/10	CO Dept	Submits report on material readiness Y Rws Operns via C&R Ordn 11/23
/ 649334	10/13 11/10	CO Dept	Submits report on material readiness Y Rws Operns via C&R Ordn 12/12
/ 649683	11/10	P.S.	Submits special report on status of job orders on departure of vessel Y

1921

Number.	Date.	From or To—	Subject.
540847	1/18	To Washn	Twds Prints listed for permanent file in the storeroom at Navy Head Q.
9 548578	1:18 2:25	CO Pac Flt	Request instal two fire room emergency systems with ??D Fwd Pug Snd 3/7 RP-3,37-L
550672	3:9	C&R	Copy of letter to Pug Sd making vessel available for docking.Y
553836	3:25 3:28	CO Dept	Report on matl readiness.Y Fwd Operns 4/11
554004	3:26	Pug Sd	copy IDAHO undocked FREDERICK follows.A&Y
558311	3:16 4:16	Pac Flt Ord	Report of inspection.Y Fwd Operns via C&R S&A Med & Surg Navign 4/20
579737	8:3	Pug Sd	copy Vessel docked.Y
587309	9:19	Pac Flt	Fwds report of quarterly insp.Y
599378	12/7	Constr.Union	Copy Vessel dockt. Y

1921

Number.	Date.	From or To—	Subject.
599753	12/9	Constr Union	Vessel undockt. Y
608894	1/1 2/9	CO Ordn.	Sum report on materil readiness. Y Fwd Opems via GAR-2;21-Yd
629878	2/17	Pac Fleet	Battle inspection report Fwds Y Fwds Opems 7/15.
630645	6/1	Pac Fleet	Ins report of military inspection. Fwd Opems via Pacific Fleet 7/13 Yd
636888	8/9	Dept	Instructions in conn with holding material inspection. Y To Board 129-Fwds correspondence 8/15 Yd Ed 123- Return correspondence. 12/18. Y
628609	8/4	Marine Isl.	Acknowledges receipt of finished plans for IDAHO. D

IDAHO; MACHY PLANT GENERAL;

1919

Number.	Date.	From or To—	Subject.	
433590	9-24	SEE CARD 5	Lists status of finished plans as given in letter from Worthington Co. Da Insp NYS-Worthington Co should be required to supply satis plans-9;26 Insp NYS 10-24 Rst Worthington Co expedite action. To Worthington Pump Co- Reqts submit statement re supplying proper plans. 10-27 Worthington Co - 10/30 Insp NYS-copy of letter to contractor returning checked vandykes-11;13	
452776	10-16	Insp NYS	Photolithographic booklets and pocket books- Estimate of decreased cost.	D
452786	10-16	Insp NYS	Intact bulkheads below third deck; installations of additional ladders to engine rooms- Estimate of increased cost.	D
464444	12;15	Insp NYS Fwd Solicitor. 12-24 RB 12-30	not furnishing photolithographic booklets and pocket books of machinery plans-fwds estimated decrease in cost.D	
464455	12;15	Insp NYS	Installation of additional ladders to engine room, intact bulkheads below 3rd deck-fwds estimated increase in cost.D	
464426	12;15	Insp NYS VOID see 9	Installation of governor gear on the cruising turbines-fwds estimated increase in cost.D	

IDAHO: MACHY PLANT GENERAL

1920

Number.	Date.	From or To--	Subject.
48821	12/29	San Pedro Sub Base	Mat'l read and delivered to IDAHO + AS 563-9
475567	2:11	Inspr NYS	In connection with shipment of finished machinery plans and booklet of diagramatical booklet plans to Bureau.D To Insp'r NYS Request original tracings of plans listed in 475567-8-13 To Insp'r NYS Fwds tracings 7-13 Insp'r NYS-returns various finished plans-8;6-D
496677	5/30 5/28	OO C&R	Request install addtl exhaust ventilating over scarp in sick bay head, enlarge operating room, etc Fwd Pacific Fleet 6-3. C&R-copy of action to Pug Sd-6;28-D
497583	6-4	To CO	Alterations under cog of SE- Connect make-up feed pump to after dynamo hot-well; Request when alteration completed sketches be fwd CC Pug Snd Pacific Fleet D.
499594	6-16	To Co Via Union	Alterations: Heading coils in relay tanks: when completed drawings should be sub. CC C-in-C Pacific Fleet -Pug Snd
510678	8:9	Inspr NYS	Copy of letter to Contr fwding replacement prints.D

IDAHO: MACHY PLANT.

Number.	Date.	From or To	Subject.	
422235	5/27 5/29	NY C&R	Necessary to repair pneumerators and calibrate fuel oil tanks - Y To Pneumericator CO. Repts send representative aboard and inspect equipment which is out of order. copy to I.M. NY and CO. 6-9	
		Fwd C&R. 6-9 Pneumericator Co 5/12- Comments on faults discovered - D		
✓424718	6/11	CO. Copy	Reqt NY be directed to work overtime to complete job orders as soon as possible - A	A
✓424969	6:11	Dept	Copy of tel to NY auth. overtime work on in order to complete repairs Y	
✓425920	6-16	Department	Copy of telegram to N Y extending date of completion to 6/25.	A.
428035	6/24	Dept.	Copy of tel to N.Y. extending date of completion of work to 7/3. A.	A.
429922	7-2	NY (Copy)	All work contemplated on completed.	A Y

IDAHO: MACHRY PLANT

Number.	Date.	From or To—	Subject.
430662	7/2	Inspr NYS	Copy of letter to CO finding vandykes of finished machry plans. D.
431241	7/8	Inspr NYS	States contractors have delivered descriptive pamphlets on special machry on method of operating. D. NYS - 7/23 To Insp NYS- Gives directions for distribution of pamphlets. 7-25
433590	7-16	Inspr NYS	Reqst expedite delvy of finished plans listed from Worthington Co. D To Insp NYS- Matter of expediting plans should be taken up by NYS CO. 7-21 Insp NYS-9:5 To Worthington Pump Co. Reqts expedite furnishing plans of pumping equipment in order to make final settlement. 9-19 Report of matl condition of vessel on leaving yard. y Fwd Operations via Ordnance. 8-12
438925	7:29 8:6 8:9	NY Dept C&R	
447316	9:24	Pag 8d copy	Docked. A&Y

IDAHO: MACHY PLANT.

Number.	Date.	From or To--	Subject.
387649	1/20	Dept	Home Yd changed from Norf to NY - A
390271	1:24 1:30	NY C&R	Ask probable date of availability of ship for installation of Burney gear. Fwd C&R. 2-6
395110	2-15	To Norf	Outstanding job orders. Lists to be trans- ferred to NY. Yc copy to NY and Pros CO Norf - weekly report - 2/21
398480	2:27	Ins. NYS	Copy of let. to contr. req. list of plans lost or mislaid D
406477	3:20 3:27	Ins. NPN Norf.	Index book for machinery plans ask if Bureau has copy of D
406612	3:28	Dept	Not available at NY until May 15 Y

IDANO: MACHY PLANT

Number.	Date.	From or To—	Subject.	
408404	4:4	Inb. NYS	Req/ copy of finished plan D To Insp'r Camden- Fwdg blueprint- 4/7	
412018	4:18	Guantanamo	Copy ship arrived 4:18 RA	
416448	5:6	NY	Copy of let. NYS complaining of contr. submitting blue prts prior to coils being completed etc (cross to 5-24) D	
417092	5:1	CO	Alterations to averaging counter, voice tube mechanical telegraphic burner 5-29 coprdicator, install gauges, additional valves, forced lubrication for air compressors, change location machinery shop etc D	
copy to Bd I&S and	Td I.L.	NY- Lists items above. CO.	To Bd I&S- Repts comment on alterations when trials are held. copy to CO. 5-21 CO 5/23- Rqst reconsideration	
421194	5/26	Insp'r N.Y. Ship	Additional laundry Machinery. Submits estimate of increased cost L.	563-4

IDAHO: MACHY PLANT

Number.	Date.	From or To—	Subject.	
✓ 215026	2-16	NYS	Photoligo booklets; asks instructions; makes suggestions as to requirements. D To--Appvs rec. 2/27	
217964	3-13	Bd on Changes, NYS	Interchange of prints of ARIZ machy plans for use in preparation of plans for this vessel ~~and~~ cost. N	
245676	8/24	NYS	Omission of forward side ladder D To--Reut est change in cost. 8/27 NYS - fwds prints 9/7 - D	
255136	10-16	NYS	Contractors give their understanding as to method of submitting reot for priority; asks if to be sent directly to War Industries Bd or via Bu; covering material for IDAHO.	793-12
272660	1/8	NYS	Additional equipment for shop's motor driven precision lathe - fwds proposal from the Fairbanks Co - D	
291178	Rwd NYS		Monel metal castings for ordered from Bayonne Casting Co. S	~~500-12~~

IDAHO: MACHY PLANT

563 - 8

Number.	Date.	From or To--	Subject.
291178	3-20	Insp r NYS	Monel Material casings held up awaiting inspection. S Fwd Brook- 3-21 RB 3-27 S NYS - Contractors state work held up due to non-receipt of monel metal casings. S 3-26 Fwd Brook. 3-28 1 B 4/9 To- Material on orders will be inspected and released without any delay. 3-29 To NY Ship 9 B B 4/12 Insp r Brook - Quotes endorsement returning original papers. April 6th. S 4-16
326606	5/27	Lilley	Submits report of status of conditions on board ILAND - DAB
336712	8/13	NY	Was copy of letter to cert's Association of suite co. location of plans as listed -
372237	11/25	Insp r NY Ship.	At P.P. Waller sent for duty in conn with it att of 10-10 652.
			1919
386035	1-15 1-27	Insp. NYS NY	Rea. ant. to ship several sets of vandykes mfg. to ~~NY~~ in specifications for D to SEA-rect ship tracings and vandykes from NYS to various points. 1-16 to NIS-fwd's index books. 1-16 Fwd NYS- 2-1-19 NYS - 2/28
	1-27	Fwd S&A. 10-31 Boston-2;18	

1915

IDAHO: MACHY PLANT

Number.	Date.	From or To--	Subject.
156450	5-28	C&R	Compartment and access plans; fwds. DR Retd--Appvs with modi and comment. 6/21
157685	6-10	C&R	Midship and type sections; plan. DR
✓ 159202	6-29	NYS	Comp nuts for misc use; recd permission to substitute comp G cold process dia form in lieu of comp N-r. To--Appvs recd. 7/7
161161	7-20	NYS	Arrgt machy in engine and fire rooms; tracing. DR To--Appvs. 8/2
165300	9-8	NYS	Joiner plans; distribution board room, dynamo work shops, etc. DR-L Fwd C&R-- Comments on. 9/15
173149	12-4	C&R	Outboard fittings; fwds plans. DR-L To NYS--fwds com reply. 12/10 To--Appvs with comment. 12/11
✓ 173949	12-15	C&R	Powder testing room and chemical laboratory; recd plans of proposed. DR ✓ Fwd Ord-- 12/18 RB 1/20--fwds sketch to cover class. Fwd Ord--Appvs with comment. 1/21
185584	4-22	C&R	Intact bulkheads; DR To NYS--SE work authorized. 4/27 NYS plans and comments 5-9 To NYS-- 5/20

IDAHO: MACHINERY PLANT: GENERAL.

563 — 8

Number.	Date.	From or To—	Subject.	
186511	5/1	C&R	Intact bulkheads; lists location	133-8
188191	5-17	C&R	Intact bulkheads; fwds corres and plans. DR Rtd—Conours in 5/20	
189527	5-31	C&R	Intact bulkheads; fwds access plans. DR	
✓ 189541	6-1	TO NYS	Intact bulkheads; work on auth 6-1	
✓ 191980	6-28	C&R	Intact bulkheads; dead lights. DR Rtd—Comments on 6/30 To NYS—Instructions 6/30	
✓ 193360	7/12	NYS	Air testing various compartments in lieu of water testing dynamo condenser rooms; cannot be tested under service conditions unless gate valves are fitted in vapor pipes. DR Fwd C&R—7/14 C&R desires to conduct test 7/25	
✓ 203050	10/20	Dept	Request report of Inspector NYS relative to delay and defective workmanship. C Rtd NYS—For report. 10/20 RB 10/25 Fwd Dept—10/25	
✓ 203352	10-26	NYS	Wash plans; 11/11/11 relative to scheme of D Rtd—Comments on 10/31 NYS recommends elimination useless sections to keep within 84" 11-9 To—Scheme appvd. 11/11	

IDAHO: MACHY PLANT. 563-8

Number.	Date.	From or To—	Subject.	
142509	12-17	NYS 3610-3864	Proposed arrgt of main and auxiliary machy in engine room; fwds plan.D To C&R-- For comment. 12/30	
		To--(T) Disappvs plan. 1/6	NYS reat tel action 12-31	
		To--Returns plan for revision. 1/6	To--Re fitting wing bulkheads. 1/8	
142498	12-18	C&R	Midship section; fwds.D. To--Comments. 12/28	
142583	12-18	NYS	Reat plan showing arrgt of engine, boiler, and shafting.D	
143612	1-4	C&R 97	Proposed re-arrgt machy.D Reid--Disappvs contr's arrgt. 1/6	
143884	1-9	To NYS.	Torpedo-protection Bulkheads; directs bulkheads be kept clear of steam pipes and fittings that are vital to operation of the ship.	775-1
145221	1-18 1-21	NYS Co: C&R	Additional longitudinal bulkhead in eng room, arrgt shafting and machinery; also additional bulkhead abreast boiler room. D. Fwd Dept--Satisfactory to Su. 1/22 Fwd C&R-- 1/27 also considers for other ships.	
145384	1-21	NYS 201-3865	Proposed arrgt machy and shafting; particularly in reference to new bulkheads and keeping machy off corp bulkheads. D. Fwd C&R-- For comment. 1/29 To-- ppvs with mod. 2/5	
148791	3/4	C&R 87-B-42	Assignment of staterooms; fwds print.D Fwd Dept-- Appvs. 3/11	
150297	3/20	C&R	Assignment of staterooms; plan	562-8

IDAHO: MACHY PLANT.

Number.	Date.	From or To—	Subject.	
137754	10-23	NYS 3111-3864	Contractors reqt authority to order material for forgings and castings, blading, etc. for main propelling machy in advance of approval of plans where certain parts duplicate ARIZONA machy. D To--Authority granted. 11/14	
137838	10-24	NYS 3113-3864	Plans of propelling machy Reqt NY be auth to issue triplicate prints of ARIZONA machy when called for. D To-- Appvs. 10/29 Fwd Dept. Recons authority be given to furnish. 11/28/11 * 11/28/11 To--Instructions. 11/6	BELOW
137976	10/26	NYS	Contracts propose to purchase 3 carloads of copper for misc purposes; reqt that they be credited with same on bill; inspector objects to payment	563-2
137838		ABOVE	NYS: Fwds contrs acceptance of prices for plans. N 11/11 To--Have referred to Bd on Chages. 11/13 To Gen Insp-- 11/13 To NY-- Instructions. 11/13	
139489	11-13	NYS Co. T	Contract signed Nov 9; reqt NY be instructed to furnish drawings. D	
139518	11-8 11-12	NYS NY 464-330-1	Fwds list of drawings desired by contractors. D Fwd NY-- 11/18	
140202	11-21	NY	Reqt instructions re carrying cost of furnishing ARIZONA plans against a Job Order. N To-- Instructions. 11/23	
141110	12-4	TO Dept (N)	Structural changes to provide for protection against underwater attack.	554-8
149103	3/5	G E Co	Gen set; fwds outline plans, specs, etc	562-8

◆—5381

[illegible]

Number.	Date.	From or To—	Subject.	
431241	7-25	To Inspr NYS	Pamphlets descriptive of special machinery and methods of operating. Gives directions for distribution of same. Ds	563-8
464456	12;15	Inspr NYS	Development of turning gear for the four main shafts-fwds estimated increase in cost.D	
452790	10-16	Inspr NYS	Re-design of turning gear for main shafting on account of intact bulkhead. Estimated of increased cost.	D
464426	12;15	Inspr NYS	Installation of governor gear on the cruising turbines-fwds estimated increase in cost.D Fwd Solicitor: 12-24 RB 12-30;	
48821	12/29	San Pedro Sub Base	Lat '1 recd and delivered to IDFO- 23	
405012	1-10	SEE CARD 8 To Pug Snd Gives action 3/14	To Pug Sd-Reqn disappvd . R Pug.sd. Copy of action to CO-1/31 D	
		Pug Sd-arrangement of pumps for draining lp turbine-fwds prints-3;25 D	Pug Sd-proposed arrangement of pumps for draining low pressure turbines-fwds prints-2;24	
482915	3-22	To S.O. M Is	Fwds turbine blading plans. copy to Lt. Drake M Is. D	

IDAHO: MAIN ENGINES

1920

Number	Date	From or To	Subject	
482783	3/22	To S.O. Ny	Fwds turbine blading plans. D	563-5
496462	5-28	To Terry Steam Turbine Co	Advise number of nozzle jets per turbine etc for auxiliary turbines listed. D Terry Co - 6/4 - D	
497062	6-7	To NEW MEXICO	Re location and arrangement of valves connecting auxiliary exhaust. D	562-9
537060	1:37	To Pac Flt	Request list of all main and auxiliary exhausts on examination. Y To C-I-C Pac Fleet not authd cc Opers- Pac Fleet- Pug Snd- CO 2/5/21	
544				
551781	2/13 3/11	CO Pug Sd.	Request correct dynamic balancing of rotors of both cruising turbines. Y Fwd Dept via Opers cc Pac Fleet- Pug Snd- CO 3/21 RB-3:28-Y To Pug Snd Disapprvd cc CO 3/29	
		1922		
635360	7/19 7/25	CO Pac. Fleet	Spare pinion for reduction gear- fwds Photos showing damage to. Y	

IDAHO: MAIN ENGINES.

Number.	Date.	From or To--	Subject.
321207	6/26	NYS	Details of turning gear for main turbines - fwd's drawing - D
336624	8-9	Insp'r NYS	Adjusting block for LB turbine fwd's print - D To Insp'r NYS - 11/24/25, 8-30
362575	10/23	NYS	Copy of letter to Contr in connection with improper methods pursued in making tight unions in lubricating oil system of main engines - D
375518	12:6	C&R	Correspondence refitting portable fuel heater for center engine room D Fwd C&R, 12-10
380828	12-28 1:13:19	To Insp. Camden. Parsons Co	Fwd's copy of ref (a) & blueprint. Ins E.Y. Ship. Fwd's sketch of gauge class LP turbine. 2/6.
382529	1:3	Ins. NYS	Drain holes in HP head and astern rotors fwd's print D To Pearsons Marine Steam Turbine Co Fwd's prints with comments- To Insp'r NYS-Method for draining turbine rotor drums ahead and astern app'd. 1-16 To E.H.B Anderson-Reqts return prints. 1-16 Parsons Co fwd's prints 1:10:19

563- 9 IDAHO: MAIN ENGINES

Number.	Date.	From or To—	Subject.	
395679	2;17	C&R	access to center engine room. Req. comments on changing blower in D To Insp'r NYS- Fwds copy of letter from C&R giving action in which SE concurs. 2-19	
397445	2;21	Ind. NYS	Orders copy of contr. let. req. be relieved or air test required of main and cruising turbine D To - Air test waived. 2-28 NYS (T) request instrns - 2/28 To - (T) - Air test main and cruising turbines waived. 3-1	
405012	3-25	To I.E. Ny <u>BELOW</u> NY - fwds print showing arrangement of drain collector tanks and steam ejectors for low pressure turbines-6/18 To I.M. Ny- Inform status of work on. copy to CO. 6-24 N.Y. - fwds prints showing available space for inst'n of turbine drain pumps 7/5 To CO cc to NY- reqst report 7/12 NY 7-16	Drain collector tank and steam ejector for low pressure turbine drains. Auth for each low pressure turbine. copy to CO. Dn NY req. copy of plan 4-16 To - Small drain collector tanks and steam ejectors to be installed. 6-1 To Insp'r NYS- Lists plans reqts fwd to NY.5-1	
417404	5/9	Ens. C.J.Lamb NY 10-10	Recommends centrifugal separator be installed in vapor line to distillers installed by passing around reducing valves to steam line for steering engine on IDAHO and other recommendations and suggestions - D	709
405012	7-18	SEE ABOVE To I.M. Ny- Fwds copy of Report and rents fwd prints to Pug in connection with installation of pumps, etc. copy to CO to Pugnd. 10-4 copy to CO removal of present drain tanks auth. fwds prints. copy to pac flt-fwds copy of matl list giving specs for pumps-1;3	To I.M. Ny- Reqts report on the suitability of the ejectors for low pressure turbine drains.Db CO-9-24 and Pac 10-10-4 SEE CARD (9)	PAC FLT

1917

IDAHO: MAIN ENGINES: ETC.

Number.	Date.	From or To—	Subject.	
✓ 228847	5/17	NYS	Block cocks for use of force lubrication fwd's plan D To—Plans appvd. 5/23	-
✓ 231432	6/1	NYS	10 inch governor valves for cruising turbine - fwd's prints D To—Plans appvd. 6/8	-
23663	7-3	To NYS	IDAHO: Spare turbine blading, etc. for merchant vessels; with slip of to the Vaterland.	771-2
✓ 246383	8/26	NYS	H P Astern turbines - fwd's prints D To—Plans appvd. 9/1	-
250590	10/8	NYS	Ladders and gratings in engine room - fwd's print showing arrangement and details D	-

IDAHO: MAIN ENGINES; ETC. 563 - 9

Number.	Date.	From or To—	Subject.
267546	12/14	NYS	Reduction gear for H P ahead turbines - fwda prints - D
268140	12/17	NYS	Low pressure turbines - relative to clearances between safety strips - To - Bearings are accepted. 12-22 NYS - 1/1 - D o - Your action appvd. 1-16 NYS 1/17 - D To - Understanding not to detain faulty bearings is correct. Must furnish as per specifications. 1-22 alterations under cognizance Bu S.E. Auth. Y
271617	1-7	to Phila	
276171	1-23	NYS	Low pressure turbines. Unable to install due to ice conditions. D
284878	2-26	Ins NYS	Adjusting turbines - instructions for - fwda. D To - Instructions appvd. 3-2 o - Was appvd. Rating: 3-6
301900	4-30	To NYS	Forced lubrication cut-out valves for costs have been estimated for the inc. ed and expedite estimates for the inc. ed cost involved: D Ins r NY - Request approval of change in valves forced lubrication system. 7-13 To Ins r C. 7-13

IDAHO: MAIN engines ETC.

Number.	Date.	From or To--	Subject.
211527	1-12	NYS	Forced lubrication system; settling and storage tanks for; fws plan. D To--Plan appvd with modif. 1/24
211534	1-12	NYS	Govenor counter gears; operating gear; etc. for turbine control; fws tracing.D To--Plans appvd with comment. 1/24
212303	1-22	NYS	Lub oil stowage tanks; filling pipes; tracing.D To--Plan appvd with modif. 1/29
213249	2-1	NYS	Cruising turbine; emergency trip gear and valve; if install will involve inc cost.D. To--Ests for inc cost will be expedited. 2/5 NYS are waiting on reply from contractors 2/28
217341	3-6 3-8	NYS Pitts	Oil filter; protests against rejection of by inspector.3 To Pitts--Instrns.3/13
217258	3-7	NYS	Re-Arrgt handling gear; plan To--Plans appvd.3/17

IDAHO: MAIN ENGINES; 563-9

Number.	Date.	From or To--	Subject.
220060	3-27	NYS	Connection gear cruising turbines; fws plan and est inc cost.
		To NYS - Chron 1.4/10 To Pwd Insp 4/3	To Dept--Have directed install of overspeed governors. 4/3 RB 4-7
220061	3-27	NYS	Floor plate in engine room; plan.D To--Fws a, pvd tracings. 4/3
220993	4-4	NYS	Operating gear for turbines; arrgt and details; plan.D
224968	4/26	NYS	Forced lubricator system castings - fws plans D
225745	4/30	Chisholm - Moore Manfg Co	Hoists for turbines eye bolts for 1 request waiver deficiency tensile strength S Chisholm Moore Co, fws letter relative to tensile strength 5/1 Fwd Insp -- 5/3 B 5-9
227903	5/11	NYS	Relief valves for discharge from lubricating pumps to bearings and coolers - fws print To--Plan retained. Instrns. 5/18
228481	5/9	NYS	Governor gear on cruising turbine - fws prints - D

IDAHO: MAIN BOILERS: ETC.

Number.	Date.	From or To--	Subject.
✓ 202482	10/13	NYS	Turbine gear; fwds tracings and comments.D To--Plans appvd with comment. 10/20
✓ 202305	10/12	NYS	Handling gear, main engines working platform; fwds tracings with comment.D To--Plans appvd. 10/21
✓ 205212	11-8 11-9	Federal Steel Foundry Co Chester	Steel castings; test coupon too small for specimen; rec'd be accepted.S To Chester--Auth accept. 11/11
205489	11-13	NYS	Lifting gear for main exhaust nozzles; details of trolley and hoist; plan.D To--Prints appvd with comment. 11/23
✓ 205799	11-16	NYS	Forced lubrication system; plan.D To--Plans appvd. 11/29
✓ 206301	11-20	NYS	Arrgt reduction gear and clutches; plan.D To--Plans appvd. 11/29
✓ 206918	11/29	NYS	Wire rope slings for turbine lifting gear; relative to test required.D&S To--No test reqd. Will be tested with balance of lifting gear. 12/2
✓ 206973	11-28	NYS	Main exhaust nozzles; arrgt and details; resubmits plan.D To--Plans appvd. 12/7

IDAHO: MAIN BOILERS. 563-9

Number.	Date.	From or To—	Subject.
✓ 206997	11-29 12-1	Fed Steel Foundry Co Chester	& CORNER & STOCKTON; castings; request waivers; S Fwd Chester--Instrns. 12/2
✓ 206999	11-29	ditto	ditto; large castings; rect waivers. S Fwd Chester--Instrns. 12/2
✓ 208038	12-8	NYS	Working platform in eng room; reubmits tracing. D To--Plan appvd. 12/15
208481	12-12	NYS	Lifting gear for main turbines; plan. D To--Lists appvd plans. 12/20
✓ 208721	12-14	Pitta	Oil filters; rect specs covering; complains of failure to receive specs from Bureau when new are issued (Specs) To--Fwds 2 copies of specs. 12/16
208934	12-15	Chester	Steel castings; fwsd w/ or request. S To--Auth accept. 12/20
✓ 208935	12-15	Chester	ditto To--Auth accept. 12/20
✓ 208937	12-15	Chester	ditto To--Auth accept. 12/19
✓ 208940	12-15	Chester	ditto To--Auth accept. 12/20
✓ 209953	12-26	NYS	Lifting gear for main exhaust nozzles; details of hoists; plan. D To--Plans appvd. 1/5

IDAHO: MAIN BOILERS.

191

Number.	Date.	From or To—	Subject.
189371	5-25	NYS	Lub oil cooler; re submits plan. DR TO — appvd as mod 5-2
190922	6-12	NYS	Flexible couplings; of cruising turbine; tracings. DR To— Appvs. 6/23
191025	6-16	NYS	Forgings for reduction gear; reqt waiver discrepancy. S To Phila—Instructions. 6/19
191626	6-23	NYS	Lub oil coolers; unable to secure Admiralty mixture tubes; request permission to use seamless drawn brass condenser tubes tinned inside and outside. S To—ppva substitution. 6/28
192254	6-29	NYS	Cruising turbine; omission of governor and counter gear; fwds tracing. DR To—Will not be fitted; not required. 7/10
193351	7-11	NYS	Genl arret HP stern turbines; fwds tracing. DR To— Appvs. 7/19
193431	7/11	NYS	Turbines; arrangement plans; fwds tracings. DR To— Appvs. 7/19

DASHO: MAIN ENGINES. 563 -- 9

Number.	Date.	From or To—	Subject.
194132	7/19	Chester	Special casting; Federal Steel Co; request valver in deficiency in elongation and de- duction. 3 Fwd NYS — Asks if casting is acceptable to NYS Co. 7/22 RB 7/31 To — with acceptance 8/1
✓ 194556	7/24	Chisholm-Moore Co	Hoists for turbine handle; now able to furnish tracings in accordance with Bureau's specifications. DR To — Gives instrns governing preparation of tracings for Bu. 7/27
195513	8/2	NYS	Turbine relief valves; fws tracings. D To — Appvs with modi and comment. 8/12
✓ 195509	8/2	NYS	Turning gear for main engines; resubmits plans. D To —, Appvs with modi and comment. 8/15
197011	8-15	NYS	Lifting gear for reduction gear; and main exhaust nozzle argrt; plan. D To — appvd 8-23
198998	9-8	NYS	Turbine throttle valve; fws tracing. D To — appvs with modi. 9/21
201096	10-3	NYS	Lifting gear for main turbines;; fws detailed plans. D To — Plans appvd. 10/11
✓ 202293	10-12	NYS	Turbine throttle valve operating gear; tracing. D To — Plans appvd with modif. 10/20

IDAHO: MAIN ENGINES.

Number.	Date.	From or To--	Subject.
172804	11-30	C&R	Portable plates over eng room: fwds plans. DR Retd--Plans ss dis. 12/10
173848	12-14	NYS	Casings for reduction gear: fwds print. DR To--Appvs. 12/23
173846	12-14	NYS	Fwds plan of cruising turbine casing and modification of blading due to bolts cored DR To--Appvs contr's proposition for correcting defect. 12/27
174831	12/27	NYS	Turbine turning elec equipment: corrects spare part list. 4 To-- 12/30
175181	12-31	NYS	Turbine bearing and bearing pedestal: Inspector has given tentative approval of plans submitted. DR To--Appvs. 1/5
178090	2-3	C&R	1915 Turbine lifting gear: reenforcing plates in wat of: fwds plan. DR Retd--No action pending details. 2/9
180203	2-25	C&R	ENGINE FOUNDATIONS OF MAIN ENGINES. Fwd C&R-- 3/3 Engine foundations: fwds plan with comment. DR Fwd C&R--Appvs with mod. 3/3

IDAHO: MAIN ENGINES. 563-9

Number.	Date.	From or To—	Subject.
181689	3-14	NYS	Defective packing gland bottom; fwds plan and contractors' request to be allowed to chip out spongy places and fill with babbitt metal. DR To--Approvs contr's proposition. 3/22
183309	3-30	NYS	Lagging main turbines; fwds tracing. D To-- Approvs. 4/7
184087	4/4	C&R	Foundations for main engines; fwds prints. DR Retd-- Noted; 4/13
184517	4-12	NYS	Turbine turning equipment; fwds plan of contactor and relay for. E
187335	5-10	C&R	Main turbine lifting gear; DR To--No action at present. 5/11 To NYS--Approvs arrangement of strong-backs on top 3rd deck. 7/22 To NYS--Reqd submission of plans. 5/11 Fwd C&R below 3rd Deck 5-29 To--Outlines scheme. 5/17 NYS reqd decision 7/18
188361	5-16	NYS	Lifting gear for main turbines; genl arrgt Tracings. DR TO NYS ppvd as mod 5-29 NYS contractors protest against carrying hoisting gear for main turbines thru 3rd deck 5-13
189058	5-25	C&R	Main turbine lifting gear. DR Fwd C&R 5-29
189037	5-22 5-24	American Steel Foundries Chester	Thrust shoes; reqd waiver. S Fwd NN--asks if material satisfactory to NN Co 5/27 To Phila-- Auth Acceptance; 6/3

IDAHO: MAIN ENGINES.

1915

Number.	Date.	From or To—	Subject.
164894	8-31	NYS	Oil gaps for bearing blocks; main turbines; Tracing. DR To-- Appvs. 9/10
165463	9-9	NYS	Gear for testing steam glands turbines. Plan. DR To-- Appvs. 9/16
165508	9-9	NYS	Adjusting gear for HP ahead turbine. Tracing. DR To-- Appvs. 9/16
165506	9-9	NYS	Turbine glands; overhauling gear. Tracing To-- Appvs. 9/16
165942	9-13	NYS	Dummy clearances and micrometers for HP turbine; fwd tracing. DR To-- Appvs. 9/20
166243	9-16	C&R	Portable plates over eng rooms; plan. DR To-- Satisfactory. 9/27
166543	9/23	C&R	Stowage of lubr. oils; reqt confirmation of mounts of dyn. no engine oil. DR Fwd NYS--Confirms understanding. 9/28
167213	9/27	C&R	Engine foundations; fwd plans. DR Retd-- Comments on. 10/5
167780	10-7	NYS	Turbine rotors; finger pieces; fwd plan. DR To-- Appvs. 10/14

IDAHO: MAIN ENGINES 563-9

Number.	Date.	From or To--	Subject.
167924	10-8	NYS	Reduction gear: details of and shaft. Tracing. DR To-- Appvs. 10/15
169494	10-26	NYS	Packing blocks and holding down bolts; reduction gear; DR To-- Appvs. 11/5
169548	10-27	NYS	Main turbine exhaust valves; motor operating gear for. Fwds. plans. To-- Appvs with mod. 11/2
169581	10-26	NYS	Blade stops for turbine casings; submits tracing. DR To-- Appvs. 11/5
169790	10/29	NYS	Turbine turning electrical equipment; fwds plans. DR To-- Appvs with comment. 11/4
1712308 171329	11-15	NYS	Turbine turning; elec equipment; fwds specs, prints, etc. DR To-- Appvs with comment. 11/22
171441	11/16	NYS	Turbine turning elec equipment; fwds plans. L&D
172459	11-26	NYS	Reduction gear and turbine shafting; print. DR
172640	11-30	NYS	Turbine exhaust valves; motor equipment for; prints. DC

IDAHO: MAIN ENGINES.

1915

Number.	Date.	From or To—	Subject.	
144826	1-15	NYS 138-3905	Motor wheels: tracing. D To-- Apvs with modi. 1/30	
145264	1-20	NYS 192-3862	Rotor for turbines: fwd tracing. D To-- Apvs with modi. 1/30	
145221	1/25	Dept 28513-23	Authorizes changes to increase protection against mine attack; additional longitudinal bulkhead in engine room; arrangement of shafting and machinery	563-8
145788	1-28	NYS	LP ahead turbine casing: plans. D. To-- Apvs with modi. 2/6	
147337	2-12	NYS 463-3861	LP turbine casing: plan. D To-- Apvs. 2/20	
148791	3-4	C&R 87-B-42;	assignment of staterooms; fwd print. DR	563-8
149469	3-10	NYS 745-3861	Cruising turbine casing: fwd tracing. DR To-- Apvs. 3/19	
149886	3-15	NYS 812-3861	HP astern turbine casing: arrgt and details; tracing. DR To-- Apvs. 3/22	
151411	4-3	NYS 989-3861	Nuts for main engine; reqt print authority to change from mild steel to wrought iron. DR To-- Apvs. 4/6	

IDAHO: MAIN ENGINES. 563-9

Number.	Date.	From or To—		Subject.
152356	4-9	NYS	1095-3861	Turbine blading; fwd tracing.DR To-- Appva. 4/22
156817	6/4	NYS	1618-3865	Main turbine bearing blocks; fwd tracing.DR To-- Appva. 6/11
158134	6-15	NYS		Packing glands for main turbine; tracing.DR To-- Appva. 6/24
158147	6-15	NYS	1227-3865	Braases for turbine bearings; tracing. DR To-- Appva. 6/24
158452	6-18	NYS		Adjusting blocks for main turbine; print.DR To-- Appva. 6/28
158662	6/22	NYS	1787-3865	Securing engines in vessel; method followed changes specs.DR To-- Appva. 6/26
158922	6-23	NYS		Test gear for turbines; tracing. DR To-- Appva. 7/2
159478	7-1	NYS	1889-3894	Lub oil coolers; plan.DR To-- Appva. 7/12
161542	7/25	NYS		Error in drilling bolt hole in high pressure top casing; fwd tracing and reqt acceptance .DR To-- Appva with comment. 8/6
162390	7/30	NYS		Training gear for main engines; fwd arrgt plan.DR To -- Appva 8-18

Number.	Date.	From or To—	Subject.	
634844	9/27	Pac Fleet	Fwds letter from CO IDAHO stating guards for gauge glasses on boilers unsatisfactory	658-5 D
647775	10/20 10/25	CO Pac Fleet	Report covering renewal of furnace brick work on boilers by ship's force Y	
649037	11/17	Dept	Co y letter CO rel to elimination of fuel used Y	
654832	12/18	Pug Snd	Proposed arrangement of low pressure vacuum plant. Fwds plans D To Pug Snd Plan A 1/6/23	

[illegible]

IDAHO: BOILERS

1920

Number.	Date.	From or To—	Subject.	
490072	5-20	To Dept (Operations)	Reuds correspondence in conn with blowers forced draft, maximum safe speed for continuous operation, H.M. IDAHO and MISS. Db copy Pac Fleet To Pac Fle 5/20	766
525190	9:13	CO	Calls attention to fire in cork insulation underneath splinter deck-fwd side of No. 2 boiler room—such material should be non-combustible. Fwd C&R. 11-3	
527229	9:13 11:3	CO C&R	Jamming of fire room blower dampers—report covering. To CO (T) automatic hutters in forced draft blowers or doors at bottom of vent trunks 11-23 Tel—CO IDAHO dampers are automatic shutters—1:24 D Pac Flt-12:4-D	
533858	12:9	CO T	Request coils and ferrules for evaporator be furnished. CO-T-request shipment of coils be made to Panama-12:13- To Ports (T) Please send Forty Coils for Reilly KONG PROTECTS 12-20	
573519	10:22	CO IDAHO	Boiler drums in perfect condition.D	562-10

1922

Number.	Date.	From or To—	Subject.	
615938	6/2	Pacif Fleet	Request nec material for renewing bricks of IDAHO boilers be fur Mars Isl. Y	503
632236	7/19	To Eng Snd	Alterations to Distilling Plant— Bwds Plan- CC Oners- Squad 4- CO- DB Y To Comdt Eng Snd- Fwds inform on alterations 8/31 D.	
637657	8/5 8/9	CO Pacif. Fleet	Recommends experimental combined evaporator feed and brine pumps be not installed. D. Eng. Sd. (T) Request instrns cov install of distilling plant pumps. 8/31 D.	
Eng 353	8/17	To Griseom-Russell Co	order- contract gives inform Dn R	
637357	9/1	To C-I-Q Pac Fleet	Alterations to distilling plant on IDAHO DB Y CO Eng Snd Bat Sqd 4- CO IDAHO DB Y	

IDAHO: BOILERS

Number.	Date.	From or To—	Subject.
✓ 402257	3:13	C&R	Fwds contr. protest against repair of bituminous composition in reserve feed tanks states due to work being performed by Bu. S.E. Fwd C&R. 3-24
445489	9/8 Inspr NYS-9-29 Inspr NYS 10-29	CO	Evaporating plant-unsatisfactory performance- To Eds on - Dy To Insp NYS- Fwds copy of unsatis operation of evaporating plant and reqts bring to attention of contractors. 9-15 To Ed I&S- Fwds copy of CO letter. 9-16 NYS - states will take up with contrs regarding unsatisfactory evaporators -9/24
445846	9/17	CO T	Reqst steam turbine forced draft blower- must turn clockwise. To(T)- Turbine covered by Bureau reqn106 to be shipped from Hartford in two weeks. 9-19 CO-asks if turbine plans shipped-11:11 To- Forced draft blower shipped Nov.5th. 11-21
195124		FROM CARD 4	Sheldon's Ltd. 10-15 Reqst copy of report of test #650.

Number.	Date.	From or To—	Subject.	
452774	10-16	Inspr NYS	Arrangement, Operating and Capacity of Evaporating and Distilling Plant- Estimate of increased cost.	D
454429	12:15	Inspr NYS Fwd Solicitor. 12-24RB 12-30;	Change in fire room arrangement from 12 to 9 boilers-fws estimated increase in cost.D	
464431	12:15	Inspr NYS Fwd Solicitor. 12-24 RB 12-30:	Installation of additional turbo feed pump, providing one feed water heater for each fire room, omission of one auxiliary feed pump with necessary fittings. etc-fws estimated increase in cost.D	
464432	12:15	Inspr NYS	Substitution of "Lagonda" air type for water type boiler tube cleaners-fws estimated increase in cost.D	
464443	12:15	Inspr NYS Fwd Solicitor. 12-26 RB-1:2	Changes in arrangement operation and capacity of evaporating and distilling plant-fws estimated increase in cost.D	
464511	12:15	Inspr NYS Fwd Solicitor. 12-26 RB-12:31	Rearrangement of blower rooms-substitution of nine blowers capacity 26 8000 for twelve 20 000 cubic feet capacity-fws estimated decrease in cost.D	
464437	12:15	Inspr NYS 6-2-27-12-13	Installation electric air heater in pump room-fws estimated increase in cost.D	

565 - 10 ID NO: RUIIERS

1918

Number.	Date.	From or To—	Subject.
309901	5-23	Insp'r NYS	Fnds Terry drawings showing type G steam turbines for forced draft blowers. To—Above approved. D 5/29
313640	6-11	To Insp'r Camden	Approving plans re evaporating & distilling plant, D D 7/25
320232	6-26	To Insp'r Camden,	First print of drain collector chamber B NYS - fnds prints. D 7-8 To Insp'r NYS plan approved 7-15
326172	7-12	NYS	Witness - water sealed - operating tank for evaporating and distilling plant - fnds prints. D To Insp'r Camden, plans approved 7-17
370864	11-20	Ins. NY ship	Submits of poor condition in which valves and evaporators and distillers have been found recently on attempting to inspect. DS
12:19 D NYS - fnds sketch showing cracked shell in defective evaporator - 1/10			Griscolm-Russel Co - 11/27
370815	11-22	Fnd Insp'r Pitts	Comments on evaporators, distillers, condenser and on condition of steam pipes, etc. at distiller To Insp'r. Pitts. Nov. 22 back Dec. 13

IDAHO: BOILERS.

Number.	Date.	From or To—	Subject.
282806	2-18	Inspector NYS	Arrangement of evaporating distilling plant - forwards prints. D To- Plans 2 - vd. 3-13 To Inscr NYS commenting on above plant 8-1
287815	3/8	NYS	Evaporating and distilling plant - request action on be expedited - D Inscr NYS - Request early approval. D 3-12
290588	3/18	NYS	Contract request permission to use boilers for test purposes - D To- Contractor's reqt. appvd. 3-20
295091			5th Dist - (T) have recd no material since 4/7 - request copy of letter signed Mohave- 5/10
304879	5-1	Inscr N. Y. S	Refurnishing m& drums for boilers requested Contractor requested to furnish 4. D
333108	11-16 1:22	To Inscr C mden NYS	authorized safety valve settings for boilers, D To- Directs purchase new safety valve springs for the boiler safety valves. 1-24

IDaho: BOILERS:

Number.	Date.	From or To--	Subject.
220346	4/2	To NYS	Forced draft blower steam control valves; regulation of. Fwds plan showing arrgt of auxiliary steam and exhaust piping in fire rooms. NYS states material was overlooked after reference to Mr. Lovekin 4/3
229732	5/22	NYS	Alterations to boiler furnace linings - change in cost D To--Change appvd. 5/24 To Gen Insp--5/24
246505	8/28	Bd on Changes NYS	Alteration to boiler furnace lining; plugging old holes in casings for brick bolts and drilling new holes N
246742	8/30	NYS	Two additional distillers- asks if spare parts to be reqd for D To--Gives infor reqtd. 9/1
249286	9/14	Inspr NYS	Evaporating and distilling plant - additional distillers - fwds prints. D To--Plan appvd. 9/22

IDAHO: BOILERS: 563 -- 10

Number.	Date.	From or To—	Subject.
✓ 249288	9/14	NYS	Pipe bending slab for workshop - fwds prints. D
263497	11/23	NYS	Force draft blower steam control valves - fwds prints - D
✓ 269130	12/22	NYS	Boilers -- relative to belling of 4 inch circulating tubes and nipples in drums - D To- Omission of belling ap vd. 12-29
270773	12/29	NYS	Feed system - re-arrangement of - fwds estimate change in cost - D To Phila Bd Changes.- 1-8
✓ 270775	12/29	NYS	Change in fire room arrangement from 12-29 to 1 boilers - estimate change in cost - D
✓ 273189	1/10	NYS	Distilling plant, check valves for vapor from evaporators - fwds prints - D To- Fl n appvd. 1-17
✓ 277425	~~1-28~~ 1-28	~~NYS~~ NYS	Prospective engineering officer requests tube cleaners. D. To- Change 4 vd as an amendment. 2-2 NYS - fwds copy of letter to Shaw Insp enclosing copy of changes - 4/29 - N

IDAHO: BOILERS.

1010

Number.	Date.	From or To—	Subject.
206091	11-20	NYS	Evaporating and distilling plant; relative to requiring trap on second effect separator. D To—Above will be changed. 11/24
206442	11-23	NYS	Forced draft blowers; modification; plan. D To—Plan appvd. 12/2
207236	12-4	NYS	Modification internal feed pipes. D To—Perforated pipes will be retained. Est will be modified. 12/6
207494	12-4	NYS	Furnace linings for boilers; arrgt of brickwork, et. Plan. D To—Plan appvd. 12/13
207583	12-1	NYS	Boiler spares for; request instructions re shipping to Norf. D To Norf—Have auth NYS Co to ship spares to Norf. 12/8 To—Directs ship to Norf. 12/8
207714	12-7	NYS	Furnace linings for boilers; company claims necessity to plug up several thousand holes in casing and drill new holes due to Dept changing from 9x9 tiles should involve inc cost \$450. D To—Grants permission to proceed with work. 12/11

IDAHO: BOILERS. 563-10

Number.	Date.	From or To—	Subject.
206690	12-14	NYS	Boil rs; tools and spares; list from B&W 3 To--Appvs list. 12/20
✓ 211324	1-11	NYS	Feed and filter tank; omission of head over feed pump suction; D To--Appvs omission. 1/16
✓ 214549	2-10	NY	Evaporator and distiller plant; arrgt plans; fwds tracings. D To NYS 2/21
✓ 215264	2-16	NYS	Smoke pipe; fwds plan. D. To--Appvs changes. 3/1
217957	3-13	Ed on Changes, NYS	Modification on of runners for forced draft blowers to increase air pressure from 6" to 8"; inc cost. N Fwd Sol--Rec appv 1.3/16 RB 3-28
217960	3-13	ditto	Modification of internal feed pipes in boilers; inc cost. N
219631	3/28	To NYS	Distilling apparatus, auxiliary exhaust connections to second effect evaporator steam heads and air pump for distillers. D To--Gives information. 4/28
219631	3/28	To NYS--Install of 2 add'l distillers on appvd. 7/8	
✓ 220210	3-29	NYS	Evaporating and distiller plant; contractors and inspector state elimination of proposed traps and use of water seals dangerous. D To--Instrns. 4/4

1916

✓ 4

IDAHO: BOILERS.ETC

Number.	Date.	From or To--	Subject.
✓ 192253	6-29	NYS	Modification internal feed pipes boilers/ fwds plan. DR To-- Appvs 7/6 NYS modifications internal feed pipes in boilers; estimate 7/12 To-- Change appvd; 7/17 To Gen Insp--7/17;
193133	7/8	Boat	Evaporators: Hungerford Co state have agree- ment with Bureau permitting brass sheets for evaporator to be Annealed all over 562-10
193272	7-11	B&W	Modification internal feed pipes. boilers. DR To-- Work authorized provided inc cost does not exceed \$800: 7/15
193830	7/17	NYS	Evaporator room: location of coffee urn for night steaming watches. DR To-- Directs be located in center engine Room. 7/20
✓ 195124 TO CARD 8	8-2	To NYS. To C. A. Webster- Fwds copy of report of test conducted on blower. Report Confidential. 1-12	Quotes Exp Sta Test #650 covering forced draft blowers for; will be accepted. D To Annapolis- eqt additional copy of test. 11-27 Exp Sta - fwds data - 12/1 D
✓ 195124	7/31	Exp Sta	TEST 65 0 Forced draft blower; Terry Co; prelim report. D Sheldons Ltd---1/16.D fire tile
198101	8-28	NYS	Special firing tests for boiler fronts; or burners; tracing. To-- Appvs 9/6

IDAHO: BOILERS. 563-10

Number.	Date.	From or To—	Subject.
199798	9-18	NYS	Boilers: arrgt and details floor plates; plans.D To—Plans appvd. 9/28
200474	9-27	Exp Sta TEST 650	Forced draft blower; second prelim report.D To Terry Steam Turbine Co.—Advised this blower was appvd subsequent to 1st preliminary. 9/29
201205	10/5	To NYS—Change appvd. 2/8 To Gen Insp—2/8 To NYS Fwd Dept—10/21 23 1-24 To—(1) Auth changes in forced draft blowers. 10/21 NYS recommends test fan at Exp Sta 11-11 To—Test fan at NYS—11/15	NYS est inc cost 2/13 Forced draft blower air pressure. Bu will require blowers be capable of supplying required amt of air against a pressure of not less than 8" of water. Reqt est inc cost.D NYS have taken up changes f-d blowers with manufacturers 10-12 NYS fws contrs' estimate 10/20
201407	10/5	NYS	Arrangement in detail ladders and gratings for fireroom.D To—Plans appvd. 10/16
201803	10-9	NYS	Farpace lining for boilers; plan.D To—Plan disappvd with comment. 10/17 NYS request copy of certain corres 10/18 To—Fws correspondence. 10/21
204475	11-15	Griscom Russell Co	Evaporator heats; recommends approval of substitution comp G in lieu Nr Brook request action 12, 27
205941	11-15	Exp Sta TEST 650	Forced draft blowers; Terry Co. Fws report.Ds To Terry Co—Fws copy of report on test. 11/23 Terry Co request additional copy 11/29 To Terry Co—Fws copy. 12/13

562-10
12-25

IDARO: BOILERS: ETC.

1916

Number.	Date.	From or To--	Subject.	
178135	2/1 2/4	Terry S. T. Co. Exp Sta	Fwds bill of lading covering shipment of turbine for forced draft blower sets, for test.D	
178358	2-10	NYS	Feed and filter tank; arapt and details: plan.DR To-- Appvs with modi. 2/16	
180823	3-10	Exp Sta	Forced draft blower set; reqt copy of contract covering. D. To-- Fwds copy of order covering. 3/8 Exp Sta returns 3-11	
183796	4/5	NYS	Boilers; care and preservation of; fwds correspondence with contractors, relative to coating of tubes with fuel oil.DR	
184792	4/13	NYS	Hoist in fireroom; arrangement and details; fwds tracing.DR Fwd copy for comment. 4/19 RB 4/29 To-- Appvs with modi. 5/3	
185017	4/17	B&W	CUYAMA; oilfired boilers; B&W Co understand Bureau will adopt standard fire brick; states will necessitate allowance for increased weight; applies also boilers for IDARO, MISSISSIPPI, etc	576-10
185287	4-19	NYS	Forced draft blowers; Keith type; resubmits plan. DR	
185551	4/20	Brook	Evaporators; difficulties in determining quality of hot rolled naval brass sheets for; fwds correspondence	562-10

IDAHO: BOILERS: ETC. 563-10

Number.	Date.	From or To—	Subject.	
186722	5/3	C&R	Rearrangement of fire room access; fwds print .DR	
187107	5-5	NYS	Uptakes in smoke pipes; fwds detailed plans.DR To— Appvs with modl. 5/12	
187110	5-5	NYS	Uptakes above 3rd deck; fwds plan. DR To— Appvs with modl. 5/12	
✓ 187657	5-10 5-12	Worth Bros Phila	Plates for uptakes; request waiver in deficiency in thickness SDR Fwd NYS—Asks if material satis. 5/13 RB 5/17 To Phila— 5/16	
188098	5-18	To NYS.	Switchboard; directs plans for generator panels be developed in accordance with Bu sketch 40-B-SK-2700. L	563-5
188820	5-23	NYS	Arrgt and details; fwds plans.DR TO — appvd 6-2	
189356	5-26	Pitts	Fwds copies of corre relative to flanges for evaporators	562-10
189701	5-31	NYS	Floor plates in fire rooms; tracing. BR To— Appvs. 6/7	
190427	6-10	B&W	Fwds contractors estimated increased weight on account of change in furnace brickwork in oil fired boilers.DR To— Waives inc weight. 6/17 To NYS—Ditto: 6/17	

IDAHO: BOILERS: ETC.

Number.	Date.	From or To—	Subject.	
163128	8/6	C&R	Boiler settings: fwds plans and comments. DR Ref: C&R satisfactory 8-18	
163211	8-11	NYS	Boiler mountings; arrgt tracing. DR TO -- appvd 8-20	
163874	8/19	NYS	Forced draft blowers; detailed plans; fwds. DR To 8/26	
NYS asks if satis 11-9			To 8/26	
163962	8-21	TO NYS	Arrangement of fire brick in boilers: will be modified.	
165459	9-8	NYS	Boilers; arrgt and details: fwds plans. DR To--Appvs. 9/16	
165764	9-14	B&W	Fire brick for boilers; reqt report on trouble on KANAWHA	562-10
166672	9/23	C&R	Fireroom and engine room hatches: fwds revised plan. DR	
✓ 167476	10-5	NYS	Forced draft blowers; reqt auth to substitute glass & cast steel for cast iron in hubs of fans. DR To--Appvs as mod. 10/7	
167777	10-7	NYS	Font plates boilers: fwds arrgt plan. DR To--Appvs. 10/14	
167779	10-7	NYS	Distillers: fwds plans. DR To-- Appvs. 10/14	
168154	10-11	NYS	Evaporator for ~~feed~~ feed water heater: plan. DR TO -- appvd as mod 10-19	

IDAHO: BOILERS. 563-10

Number.	Date.	From or To--	Subject.
168941	10-15	C&R	Boiler foundations: plan.DR
171568	11/17	NYS	Boiler tie rods: arrgt in detail: fwds tracings.DR To-- Appvs 11/26
172304	11-26	NYS	Boiler casings: reports receipt of: part galvanized and part not; recd future specns call for all plates to be galvanized.DR To--11/30
172450	11-26	NYS	Feed water heaters: fwds plan.DR To-- Appvs with modi. 12/8
174466	12/21	NYS	Forced draft blowers; test of at Exp Sta; contractors ask if necessary to have this test made.DR To--Test necessary. 12/24
175618	1-7	NYS	Copy of letter to Insp'r Pitts requesting steel plating and feed and filter tanks be expedited. DR
176999	1-21	NYS	Evaporator room: proposed arrgt of machinery; fwds plan with comments.DR To-- Appvs with modi. 1/28
177853	2-1	NYS	Forced draft blower casings: arrgt automatic dampers, etc: fwds plan. DR To-- Gives Bu file number for 2/8

IDAHO: BOILERS:

Number.	Date.	From or To—	Subject.
142069	12-14	To NYS	Change in fireroom arrangement; substitution of 9 boilers in place of 12, etc. D To--Fwds vandyke of. 12/24 NYS refuses to accept responsibility for boiler performance; also goes on record claiming delay 12-23 To--Comments. 12/29
143073	12-24	NYS 3687-3866	Fire room; hoises arrgt and tools; detail of engine. D To--Appva. 1/6
143851	12-22 1-5	NYS Co. C&R	Clalma delay and damage if change made in boiler arrgt in fire rooms. DR Fwd Dept--Will be informed when matter has been finally determined. 1/9
146904	2-10	NYS 424-3958	Boilers ordered from B&W Co called for 11,000 less heating surface than specified by Bureau letter Dec 24; rect instructions. D To--Satis to Bu as called for be the order. 2/12
147167	2-17	To NYS.	Arrangement of boiler compartments; fwds plan of. D
1-8137	2-24	NYS 493-3851	Arrgt boiler compartments; asks if feed water heaters to be installed. D. To--Instructions. 2/27
149848	3-15 3-16	B&W NYS	Boiler compartments; rect plans. DR To NYS--Have been furnished B&W. 3/18 To B&W--Fwds. 3/18
151563	4-5	NYS 993-3859	Boilers; arrgt and layout of; plan. DR To--Appva. 4/8

IDAHO: BOILERS. 563 — 10

Number.	Date.	From or To--	Subject.
155259	5/14	NYS	Boilers: fwds prints and details.DR To--Appvs. 5/22
155736	5-21	NYS	Forced draft blowers: Terry type plan: fwds.DR To--Appvs. 5/26
155874	5-25	NYS 1493-3869	Forced draft blowers: contract propose 9 in lieu of 12: gives capacity.DR To--Appvs with comment 5/27
155973	5-26	To NYS.	Standard fire tile at fuel oil burners: fwds print on D
✓ 156740	6-4	To NYS.	Forced draft blowers: should be fitted with some means for keeping them at same speed: take up matter in connection with making up specs for. D
✓ 157028	7 6-7	Wallace, W.C. Pe Brook	Keith fans: all future orders mfg by Greene Fuel Economizer Co. Desires to have made by Canadian representative all material inspected in US. DRS To Brook--Appvs reqt. 6/9
✓ 158573	6-21	NYS 1779-3968	Asks if forced draft blowers are to be tested at Exp. Sta. DR To--Test will be required. 6/26
158717	6/17	Seattle	VOID
✓ 158717	6/14	C&R 181	Fire room hatches, vent openings, etc. fwds plans. comment.DR Retd--Satisfactory. 6/29
160355	7-12	B&W	Proposed change in method of riveting and caulking to prevent action by boiler compound

562-10

Number.	Date.	From or To	Subject.	
562427	5/6	C&R	Copy of telegram to Puget Sound asking if Steamer 5435 for New Mexico & Steamer 5436 for IDAHO have been placed on naval supply acct. Y	611-1
Idaho Rgn	5 9/30	To CO	Storage batteries for motor boats starting and lighting. CC Pg. and LR	
599968	12/10	C&R	Copy of telegram to MI authorizing issue 35' motor boat to IDAHO Y	611-12
599569	12/8	CO IDAHO	Copy 35' motor boat 2849 completely wrecked. Request M.I. issue new boat Y	611-12
601840	12/23	C&R	35' motor boat 6224 selected for shipment to CO IDAHO Y	611-12
604683	1/9	CO IDAHO	Report on changes in power boat machy Y	611-12
610041	2/16	JAG	Report cover instruction of motor boat 2349 assigned to IDAHO Y	611-2

563-11

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IDAHO ARMY LIAISON

1922

Number.	Date.	From or To	Subject.	
611E20.	2/24 2/25	JAG 3&E	Report covg destruction of 25' motor boat 2849 on board IDAHO Y	611-12
621178	4/29	CO IDAHO	Order to secure delivery of cylinders for Van Dierck engine from I.I.	611-2
644756	9/25 10/4	CO IDAHO Pac Fleet	Submits report covg fire in motor boat DY	611-2

563-11

IDAHO: AUXILIARY MACHY

1920

Number.	Date.	From or To—	Subject.	
512369	8/18	C&R	Copy of telegram to Puget Sound authorizing 611-2 issue motor sailer 8477 to IDAHO: Y	
523653	10/19	To CO IDAHO	Edw's herinto, covering local fuel line with 611-1 is installed in 50' steamer 5436 which has been assigned to IDAHO. 2.	
526946	11/2		Copy of letter to Gen. King, 11/2/20 611-2 to IDAHO: Y	
526862	11/1	C&R	Copy of letter to Gen. King, 11/1/20 611-2 35' motor life boats to S.O. IDAHO instead of S.O. IDAHO. 1	
527893	11/5 11/6	Coast Guard C&R	Will sail 26' surf boat 1505 to L.O. IDAHO instead of #1584. Y	611-2
532461	12/2	C&R	In conn with 26 ft motor life boats for IDAHO MISSISSIPPI TEXAS & ARIZONA. Y	611-2
535538	12/18	Dept	Copy of tel to M.Y. IS assigning 35' motor boat to IDAHO To CO IDAHO) Gives action. 12/18	6 1-12
554479	3/28	C&R	35' Motor Boat 2849 to CO IDAHO Y	611-12
440-21	4/7	To CO IDAHO	Rel to parts for Kermath engine. Ye R	

1916

IDAHO: AUXILIARY MACHINERY.

Number.	Date.	From or To—	Subject.	
133458	3/30	C&R	Assigns motor boat 2851	611-2
187559	5-5	Hyde Windlass Co	Fire room hoists; request approval of use Hyde bronze in lieu of comp G, DR To Bath—Auth acceptance. 5/16	
199647	9/18	C&R	Motor boat 285k-2 building for Idaho assigned aero Sta. Additional boats 4007-8 ordered built at Ports to replace. Y	611-2
212739	1/20	Ports	Request assignment of motor boat 4007 to Industrial Dept and 4009 be assigned to IDAHO, in list of; requires for L-8 tests and spark plugs, etc	611-2
224948	8-21	C & R	IDAHO: a signment of boats.	611-2
259594	11-8	Phila	Reports receipt of motor boat 3432, Sterling engine 3413 from the IDAHO. Y C&R - directs Phila issue motor boat 3432 to BUSHKELL; motor boat 2100 assigned IDAHO 11/16 -	611-2
334451	7/31	C & R	Copy of shipment order covering 35' L B from Ports to NYSB Co for IDHO	611-2
364508	10/31	C&R	Copy letter to Portsmouth in connection with shipment of motor boat 2100 to 10-16-16 vessel 2100 503 2100. Y	611-1

Number.	Date.	From or To--	Subject.	
371433	11/22	Phil	35' motor boat 7774 assigned to IDHO Y.	611-2
377711	10/10	Phil	40 foot sailer 3148 - assigned to IDHO Y.	611-2
401640	3/11	Phila	40ft motors sailing launch 6997 completed and assigned to IDHO Y	611-2
453387	10/23	To IDAHO	Asks correction be made log quarter engine 6/30 giving engine installed in hull 7027 to be 7028 and engine in hull 7774 No 3887 instead of 3587- Y copy Logs and Recas.	611-2 3887
SE 265	10/29	To OO	Appvl of reqn. Asks if matrl recd with engine if yard made expl of absence of matrl. Rh	
455040	10/30	To IDAHO	Records show engine in hull 3059 to be 7027 Eng. in hull 7774 to be 3887 instead of 3587. Request correction. Y.	611-2
459389	11/22	Mare Is (T)	IDAHO request shipment of one complete Van Blerck engine for motor boat; Y.	611-2
487671	4/13 4/15	Pacific Fleet (L) O&R	Recommends 50' steamer and 2, 35' motor boats be authorized for NEW IDAHO & IDHO; Y	611
511224	8/13	To IDAHO	50' steamer 5436 boiler number Y	611-1

1917

IDAHO; CONDENSERS.

Number.	Date.	From or To—	Subject.
229734	5/22	NYS	Auxiliary condenser air and circulating pumps — decreased cost due to omission — D To Gen Insp—5/24 To—Change appvd. 5/24
246506	6/28	Bd on Changes NYS	Omission of auxiliary condensers, air and circulating pumps, and connecting auxiliary exhaust to the dynamo condensers and first effect evaporator coils N Fwd Sol—9/1 R—9/8
262760	11/22	NYS	Condenser tubes — relative to shipment — D
² / 303957	5/1	Inspr N Y	Main condensers, fwds blue prints showing holes in tube for ferrules improperly drilled D To—Main condensers Accepted with comment. 5-8
304155	5;3	Inspr Bd	Fwds copy of letter from N Y S. Tube sheets improperly drilled in main condensers D

IDAHO: CONDENSERS 563 - 12

Number.	Date.	From or To—	Subject.
5 384505	1/14	NYS	Idaho condenser - fws rate s ovi Specification and location to cracked tubes-D To- Method appvd. 1-17
388694	1:18 1:24	Bridgeport Brass Co. NYS	Condenser tubes waiver of compression test S To Insp Hartford-Reqs that tubes submitted be rejected. 1-28
9 388606	1:28	Ins. NYS	Fws copy of contractors letter reqstg waiver of completion of test on condenser tubes S To(T)-Condenser tubes accepted. 2-4 To Insp Hartford-(T)-Accept condenser tubes for IDAHO NYS order etc. 2-7
425651	6/14	N.Y.	Main condenser details- fws prints. D.
537974	12/31	C&R	Copy of letter to CO IDAHO requesting 611-12 statement of construction, 35' motor boat 1774. 1

IDAHO: CONDENSERS.

1915

Number.	Date.	From or To—	Subject.	
✓ 150821	3-27	NYS 932-3863	Main condensers tube sheets: states unable to secure except from Ganson Co. England. Who will not supply unless accepted before shipment. DR To-- Comments on 3/29	
158761	6-22	NYS 21786	Condensing plant: proposed to install Westinghouse air ejector and condensate pump in lieu of augmentor. DR To-- Action pending result of tryout on MELVILLE. 6/29	
159100	6-25	NYS	Main condenser: fwd tracing. DR To-- Approve with comments 7/5	
✓ 159688	7-6	To NYS.	Auxiliary condensers, air and circulating pumps: directs omission of: dec cost. D	OVER
✓ 163638	8/17	Exp Sta	Condensing plant: rect data concerning air pumps, piping, etc. in connection with Westinghouse air ejectors and augmentor system. D Ref N.Y.S. for data 8-23RB 1/26/16 To NYS-- Rect action. 10/7 NYS data not received 10-8 Fwd Exp Sta-- 1/28 RB 2/2	
186023	4-27	NYS	Fwd plans of Westinghouse air ejectors and condensate pumps for dynamo condensing plant. DR To-- No action at present. 5/5 To NYS appvd as mod 6-1	
195509	8/2	NYS VOID	Turning gear for main engines: resubmits plans. D	

IDAHO; CONDENSERS. 563 — 12

Number.	Date.	From or To—	Subject.
✓ 195494	8/2	NYS	Vacuum augmentor system: arrangement in detail; fwd's tracing.D To— Appvs with comment. 8/15
✓ 196452	8/11	NYS	Westinghouse condensate pump and air ejector; fwd's plan.D TO — appvd 8-23
159688		OVER	To NYS—directs installation of combined pressure and vacuum gauges for auxiliary exhaust pipes in dynamo condenser rooms at inc cost 8/28
196470	8/31	NYS	Augmentor condenser: resubmits tracing.D To— Disappvs. 9/12
203148	10/18	NYS	Augmentor condenser: resubmits tracing; tracing received in damaged condition.D To—Plan appvd with modi and comment. 10/26
✓ 221903	4-9	Westinghouse	Report of inspection of air ejectors; fwd's curves. S To—Accepts plans. 4/14
226214	5/2	NYS	Dynamo condensing outfit, Westinghouse- LeBlanc air ejector; fwd's print.D To—Plans appvd. 5/12

IDaho: HEAT VENT & REFRIG

Number.	Date.	From or To -	Subject.	
421197	5/17	Inspr N.Y. Ship	Request location of ice cream freezer and hardening cabinet. Submits estimate increased cost L.	563-5
438065	8/6	Inscr NYS	Addition of lower mains for ventilating set in laundry. fnds contrs estimate. D	563-5
452779	10-16	Inspr NYS	Refrigerating system. Re-location of ice cream freezer, solidifying tank, brine circulating pump, etc. in potato peeler room- Estimate of increased cost.	D
452815	10-16	Inspr NYS	Air pipe pass from ice boxes to scuttle butt line- Submits estimate of increased cost.	D
454437	12:15	Inspr NYS	Installation of electric air heater in pump room-fnds estimated increase in cost.D	
454449	12:15	Inspr NYS	Relocation of ice cream freezer solidifying tank brine circulating pump etc in potato peeler room-fnds estimated increase in cost.D Fwd Solicitor. 12-26 RB-1;2	

563-13: IDAHO; HEAT VENT REFRIG:

Number.	Date.	From or To--	Subject.
464466	12;15	Inspr NYS	Fitting of by-pass from the ice machine discharge direct to the scuttle butt supply line.fwds estimated increase in cost.D
464517	12;15	Inspr NYS	Installation of portable and fixed type electric air heaters-fwds estimated increase in cost.D Fwd Solicitor. 12-24 RB 12-30;
600903	12/17	1921 CO (T)	Request immediate shipt of one primer and pump with spares for Allen ice machine. Y to RB and CI 12/19 to CO (T) no spare primer on hand at CI P. 12/19 to L. 12/19 complete 12/19 fwds. - pump complete 12/19 for shipt 12/19

ID: AID: IENT: VENT: RETRIC.

Number.	Date.	From or To--	Subject.
300400	4-22	C&R	Ventilation plans for storage battery room - fws plan. D
340061	8-20	NYS	Relocation ice cream freezer etc. fws plan. D To Insp. Con. plans approved, 8-30 Insp. NYS 11-4 fws plans D
300057	10-2	To Insp. NYS	Rest inform re del of spare propellers, 10-2 Y NY. relative to furnishing additional spare propellers in March. 10:16 D To Insp. Con. re del of spare propellers 11-22
355203	10:5	C&R	Ventilation in fire-rooms fws prints D fws con. 10-11
364916	10:21	Ins. NY ship	Drains from laundry economy heaters and steam tables; fws. Contractors letter in connection with proposed changes D To Dept. drains from laundry and steam tables, 11-6 To Insp. Con. Drains from laundry economy heaters and steam tables, 11-6 To Dept. Nov. 6 back Nov. 15 Insp. NY Ship Dec. 11 /
367253	11-14	Fwd C&R	ventilation of fire rooms, D

563- 13 IDAHO: HEAT VENT: REFRG.

Number.	Date.	From or To--	Subject.
377772	12:14	Q&R	Ventilation of radio rooms req. auth. to install portable generating set in D&W
395029	2:13	NYS To- Replacement of heaters to to be taken up with Phila yd. 3-4 Copy to CO and I.M. Ny	Electric air heaters & states those delivered are 120 volts in lieu of 230 volts. I To- Repts the 120 volt heaters be removed and the 230 volt heaters replace same at contrac- tor's expense. 2-25 Ins. NYS Reg. Yd replace heaters. 2:25 To NY- Gives detail instructions for installation of electric heaters. copy to CO 3-4 to Comdt Phila- Has auth removal of heaters from the vessel and returned to Phila Yd. copy to NYS Ed NY. N.Y. Ship 3-6 n
412179	4:7	Ins. NYS	Installing elect. air heater in pump room - estimate of increased cost. I To- Change app'd. Referred to Ed changes. 4-22
415702	5-2	NYS Fwd Solicitor. 5-9 RE 5:14	Installn of portable and fixed type elec air heaters- fwds estimated increased cost- I To- Change auth and referred to Ed changes. 5-19

IDAHO: HEAT: VENT: REFRIG.

1713

Number.	Date.	From or To—	Subject.
190019	6-5	C&R	Ventilation plan; fwds. D R Retd--Arrangement satis. 6/17
190621	6-9	NYS	Heating system; ventilators; heaters; fwds plan. DR
204378	11-2	NYS	Refrig system; arrgt plans.D To--Plan appvd with modifi and comment. 11/10
204952	11-8	NYS	Relative to proposed reduction in cost under SE by reducing endurance test vent sets. D To--Concurs with. 11/10
207266	11-2-8	C&R	Engine room ventilation; fwds plans.D Fwd C&R--Plans satis. 12/8
212512	1-23	NYS	Heating system; arrgt; and details; tracing.D To--Plans appvd with modif and comment. 2/9
214333	2-9	NYS	Elec heaters; omission of; est dec cost..L To--Change a pvd. 2/15 To Gen Insp. 2/15
215846	2-24	C&R	Ventilation of storage batteries; fwds instructions.L
217966	3-13	Bd on Changes, NYS	Omission of elec heaters in the after tarp room; deccost.M

IDAHO: HEAT: VENT REFRIG.

Number.	Date.	From or To--	Subject.	
✓ 140203	11-21	J. & W. Hall Co.	Refrig. machy; req t description. D To-- Cannot furnish to sub-contractrs. 11/23	
148427	2-29	NYS 623-3893	Ice machine; Allen dense air type; reqt approval. DR To-- Appvs with modi. 3/5	
148526	3-1	NYS 366-264	Elec heaters; method of handling drawings. D To-- Instructions. 3/10	
✓ 151422	4-2	Raelker, H.B.	Ice machine; reqt authority to use 5 castings now hand and class E in stead of D for certain other. DR To-- NYS-- For comment. 4/5, RB 4/16 To Brook-- Instructions. 4/17	
159981	7-8	NYS	Elec air heaters; fws GE specs. ... To-- Appvs. 7/12	
162283	7/30	NYS	Heating system ventilation heaters; fws prints. DR To-- Appvs with comment. 8/9	
162389	7/31	C&R	Drainage system; fws print. DR	
162564	8/3	C&R	Ventilation; heater boxes for. DR Retd-- See 162069-562-13. 8/9	
166000	9-16	C&R	Req comment on proposed cooling of magazine by forcing air over heated cooled pipes	700-2

IDAHO: HEAT: VENT REFRIG. 563-13

Number.	Date.	From or To--	Subject.
168068	10-5 10-12	NYS C&R	Ventilation heater boxes: DR. To--Change satis. 10/14
171378	11/16	NYS	Heating system; lagging and covering for pipes; fwsd contractors letter requesting change in specifications. DR To--Appvs. 11/18
172782	12-2	C&R	Ventilation heaters. DR To--NYS recd comments 12-15 Fwd C&R--Comments on. 12/22
174192	12/17	NYS	Heating system, ventilation heaters for; resubmits plans and specifications. DR To-- Appvs with modif. 12/22
177510	1-27	NYS	1011 Recd complete set of drawings Allen Dense air ice machine. DR To--Fwsd. 2/8
179592	2-18	C&R	Ventilation plans; fwsd DR Retd-- Appvs with comment. 3/2
179764	2-21	NYS	Ventilation heaters; request authority to furnish semi steel in lieu of class B. DR To--Appvs. 2/24
182455	3-22	C&R	Null ventilation; fwsd plans and comments/ Retd--Plans satis. 3/22
184964	4-13	C&R	Ventilation; fwsd plans. DR
187718 VOID	5-12	C&R	Co

Number.	Date.	From or To--	Subject.
417316	5:9	MS	Additional changes - service telephone due to omission of voice tubes ; increased cost L
419434	5-20	to S.O. Ny	Propellers. Gives information re pitch etc. Yh N.Y. 5-24
464433	12:17 Fwd Solicitor. 12-24	Insp'r NYS RE-12:31	Furnishing two additional spare propeller wheels-fwds estimated increase in cost.D
503809	6:10	M IS	Propeller report.Y
514469	8:25	Pug 34	Propeller data-fwds.Y
506817	1/20	MI	Propeller report, Y

563-14

Number.	Date.	From or To—	Subject.
645623	10/11	Fng Sd	Propeller report Y

1917

IDAHO: PROPELLERS.

Number.	Date.	From or To--	Subject.
228314	5/14	Phila	Comments on photomicrographics of propeller shafts. S Fwd NYS--5/15 RB 5-19
262718	11/21	NYS	Contractors have returned template of bore of hub for propellers - D
280313	2-7	NYS	Propeller fws. print. D.
300057	4-23	To Dept	Urgently recommended two additional spare propellers be provided at an additional cost not to exceed \$20,000; reqs action to include MISSISSIPPI. D To Insp. Camden. Directs manuf. of 2 add. spare propellers. D 5/4 To Dept 4:25 received back 5:1 L To Insp. Camden. re Propellers two additional spares. 5-25 To Insp. Phila. Approving cost re two additional propellers, 5-25
540001	12:28	NYS NYS	Propeller measurements - fws prints - D To Insp. Camden- Fws forms 4 1/4 Ins. NYS fws propeller measurements 1:16; 19

ID/HO: FROM LERS 563 - 14

Number.	Date.	From or To—	Subject.	
540062	8-21	Insp'r NYS	Wds propeller measurements — LR	
300057	10/2	To Insp'r NYS	Reqst info re del of spare propellers 10/2 Y	563-B
384297	1/9	NYS	Wds memo shipment covering propeller patterns to Phils Yd - D	
396064	2:17	Ins. NYS	Submits report on capacity of temporary cast iron propellers To- Directs that speed of 12 knots be not exceeded. 2-25	
405599	3:25	Ins. NYS	Copy of let. to NY advising of shipment of manganese bronze propeller wheels for Del	
407233	3:31	Dept	Copy of tel. to NY making ship available for dry docking and installation of propellers Y To Ind Mgr N Y - Reqstd installn be made while vessel is in dry dock- 4/5	

1813

IDAHO: PROPELLERS:

Number.	Date.	From or To—	Subject.
178880	2-9	C&R	Foundations for shaft bearings; fwds plan. DR Fwd C&R--Comments op. 2/23
180486	3-1	C&R	Foundations for shaft bearings. DR Retd--Noted. 3/6
181641	3-13	C&R	Foundations for shaft bearings; fwds plan. DR Retd--Satis except as to liners. 3/22
182456	3-22	NYS Arrgt for	handling propellers; fwds plan. DR Fwd C&R--Approve arrangement. 3/31
190912	6-12	NYS	Fwds tracings showing location of torsion meter on shafts. DR To-- Approvs: 6/23 To Ed IAS-- Fwds copy print. 6/23
192558	6-15	NYS	Casings for stern tube shafts; est inc cost. DR
192736	6/26 6/28	Midvale Steel Co Pitts	Coupling hub forgings; request defects be waived. 3 To Phila--Auth to make shipment subject to being satis to NYS. 7/8

1917

IDAHO: PROPELLERS. 563-14

Number.	Date.	From or To—	Subject.	
211733	1-15	New Londo		
211734	1-16	NYS	Shaft alleys; floor plating, hand rails; fwd tracing... To--Plan appvd. 1/24	
214218	2/7	ARIZONA	Request propellers bechanged while turbine work is going on; suggests substitution of IDAHO'S	529-14
217965	3-13	Bd on Changes, NYS	Fitting casing for stern tube shafts; inc cost Fwd Sol--Rec appvl. 3/16 RB3-28	
218135	3-14	NYS	Floor plate, and hand rails; in shaft alleys; contractors request permission to omit inboard hand rail in each inboard shaft alley.D. To--Appvs contrs reqt.3/16	
223199	4-17	NYS	Shaft calibration of; fwd. D Fwd Phila--4/21 RB 4-28 Fwd 3rd etc--5/1 RB 5-12 To Phila--Instrns re making photomicrographs. 5/1	
✓ 224479	5/11	Wap Sta ~~TRIST 838~~	Propeller shaft 3	

IDAHO (NEW) PROPELLERS:

Number.	Date.	From or To—	Subject.	
✓ 142496	12-19	To NYS	Propellers; re substituting four blade for three blades; take up with contr's for their consideration. D NYS agrees 12-24	
142495	12-19	TO NM	MISSISSIPPI; re substituting four blades in lieu of 3.	552-14
144699	1-19	TO NYS	Directs bodies of stern tube shaft be covered with composition watertight casing. D	
145549	1-26	To NYS.	Shafting, material of; specfns to be changed in order to agree with the nickel steel designation. D	
✓ 146246	2-1	NYS	Casing for stern tube shafts, estimate for inc cost. D. Recommendations. 2/6 Fwd Dept. 2/11--appd; applies also to MISSISSIPPI and CALIFORNIA. to Gen Insp-- 2/12	
146917	2-10	NYS 434-3855	Steel forgings for shafting; relative to designation of nickel steel. D NYS have instructed contractors 2-14	
148474	2-27	NYS 614-3855	Shafting; arrgt of; fwds tracing. DR To-- Apprs. 3/8	
157690	6-10	C&R 197	Shaft tubes; fwds print. DR Retd-- Satisfactory. 6/19	
157689	6-10	C R ✓ CROSS to COG	C&R Agrees flarwaters under cog RE 5-26 Shaft struts; plans. DR Retd-- Satisfactory. 6/19	

IDAHO: PROPELLERS: 563-14

Number.	Date.	From or To—	Subject.
157759	6-11	NYS 1684-3855	Shaftings: fwds tracings showing details. DR To-- Appva with modi. 6/19
159169	6-28	C&R	Shaft tubes: fwds plan. DR To--Plans satisfactory. 7/9
167081	9/30	Bd Changes	Fitting casing for stern tube shafts: inc cost. R Fwd Dept--10/5 RB 10/13 To NYS--10/14
156725	10-8	NYS	Clutch couplings: arrgt and details: DR To-- Appvs. 10/15
159497	10-26	NYS	Clutch couplings: arrgt and detail of operating gear. DR To-- Appvs. 11/5
170965	11-10	NYS	Propeller: fwds plans and comments. DR To-- ~~Appva~~ Returns with comment. 11/17
171526	11/17	NYS	Casing for stern tube shafts. DR Fwd Dept--Req appvl. 11/19 RB 11/27 To Appvs. 11/29 To Gen Insp--11/29
173924	12-14	NYS	Propeller: fwds tracing. DR To--Appvs. 12/20 To NY--Furnish NYS templates for. 12/20 To S&A--Rect for shipment. 12/20
177514	1-25	NYS	Arrgt of handling propellers: fwds plans. DR Fwd C&R--Comments on. 2/4

Number.	Date.	From or To--	Subject.
464522	12;15	Inspr NYS	Installation of independent sea chests for boiler blows-fwds estimated increase in cost.D
464447	12;15	Inspr NYS Void see 16	Installation of drip pans under fuel oil burners at boiler fronts-fwds estimated increase in cost.D Fwd Solicitor. 12-26

IDAHO: PIPING SYSTEM.

Number.	Date.	From or To--	Subject.	
452787	10-16	Inspr NYS	Fitting Steam and exhaust piping to additional steam proofer in bakery. Estimate of increased cost.	D
452788	10-16	Inspr NYS	Steam and exhaust to water heater in chart house. Estimate of increased cost.	D
452789	10-16	Inspr NYS	Installation of piping for steam table in C.P.O. Mess-room. Estimate of increased cost.	D
452791	10-16	Inspr NYS	Addition to Laundry, installing "YY" press, and 42" x 60" tumbler. Estimate of increased cost.	D
454440	12;15 Fwd Solicitor. 12-26 RB-1;2	Inspr NYS	Installation of drains from water heaters and steam tables, run to trap in engine room-fwds estimated increase in cost.D	
454448	12;15 Fwd Solicitor. 12-26 RB-1;2	Inspr NYS	Installation of steam piping for fire extinguishers-fwds estimated increase in cost.D	

563-15: IDAHO: PIPING SYSTEM:

Number.	Date.	From or To—	Subject.
464454	12;15	Inspr NYS	Using rough in lieu of polished brass fittings on the water service system in engine rooms and shaft alleys-fwds estimated decrease in cost.D
464457	12;15	Inspr NYS	Installation of piping for steam table in Chief Petty Officer's Mess Room-fwds estimated increase in cost.D
464458	12;15	Inspr NYS	Fitting steam and exhaust to water heater in chart house-fwds estimated increase in cost.D
464459	12;15	Inspr NYS	Fitting steam and exhaust piping to addtl steam boiler in bakery-fwds estimated increase in cost.D
464460	12;15	Inspr NYS Fwd Solicitor. 12-25 RB-1;2	Installation of "YY" press and tumbler in laundry-fwds estimated increase in cost.D
464462	12;15	Inspr NYS	Fitting steam and exhaust to water heater in dental office-fwds estimated increase in cost.D
464463	12;15	Inspr NYS Fwd Solicitor. 12-26 RB-1;2	Fitting of drains from cylinders of auxiliary machinery-fwds estimated increase in cost.D
464465	12;15	Inspr NYS Fwd Solicitor. 12-24 RB-12;31	Fitting by-pass connections for main feed pumps-fwds estimated increase in cost.D

1918

IDAHO:PIPING SYSTEM.

Number.	Date.	From or To—	Subject.
359843	8/10	INS	Arrangement of incinerator and piping - fws
369E78	11:15	Ins. NY ship	Fws copy of contractors letter reporting order for tubing sublet to Chase Metal Wks. req instr. as to inspection Be issued S&R Ref. Hartford 11:20 back 11:26 L
375039	12/5	Insor NY Ship.	Invoice covering pipes. D. To Insor NYS, (T), approves above, 12-7
377772	12-24	Fwd C&R	Ventilation of radio rooms. L
398203	2:26	Ins. NYS	Omission of counter on main circulating and main feed pumps req. instr. in connection with D To- Omission of counter on main circulating pump and main feed pumps a pvd. 3-3

Number.	Date.	From or To—	Subject.	
452780	10-16	Inspr NYS	Steam piping for Fire-Extinguisher- Estimate of increased cost.	D
452796	10-16	Inspr NYS	By-Pass connections for Main Feed Pumps- Estimate of increased cost.	D
452771	10-16	Inspr NYS	Drains from water heaters and steam tables run to trap in engine room- Estimate of increased cost.	D
452793	10-16	Inspr NYS	Steam and exhaust to water heater in dental office- Estimate of increased cost.	D
452794	10-16	Inspr NYS	Drains from cylinders of auxiliary machinery- Estimate of increased cost.	D
452785	10-16	Inspr NYS	Estimate of reduced cost due to using rough in lieu of polished brass fittings on the water service system in the engine rooms and shaft alleys.	D

IDAHO: PIPING SYSTEM.

Number.	Date.	From or To—	Subject.
282356	2-16	NYS	Copper piping - Randolph Clowes Co state cannot make shipment until May 1st. D
289720	3-15	NYS	10 inch barred extension joint for main steam piping - modification - fws print. D To- Plans & Lvd. 3-20
303676	5-3	Insp. N. Y. S	Strainer Body main steam engine calls attention to irregular proceeds on part of contractor. D To- Gives directions for rejection of any material which is defective but inferior in workmanship. 5-13
304360	5-8	To NYS	Main Feed Discharge Piping - To be fitted on main feed discharge cutout valves. D NYS - recommends approval of drawings listed - 5/26 To Insp. Cassien, plans approved, 7-3
308036	5-17	NYS	Brass and copper tubes and piping - Bridgeport Brass Co. gives list of orders which are urgently required. SG 5-17 To Insp. Hartford, Re. Miscel. Material 5-21 Insp. Hartford - 5-27 To NYS, Re material covered in reference, 6-1

563 - 15 IDAHO PIPING SYSTEM

1918

Number.	Date.	From or To—	Subject.	
312698	6-1	NYS	Trains from cylinders of auxiliary machinery - contractors protest against installation. To Insp'r Camden, Recommending installation of drains from cylinders 6-12 Ins - Fwd's centre letter directing that drains from cylinders of auxiliary machinery be installed as recommended - 6/2 To Insp'r Camden, Recommending installation of drains from cylinders 7-2 To Insp'r, Portland, 7-2 RE 7-23	
331522	7-29	Insp'r NYS	Copy of letter to contractor in connection with delivery of magnesia - Elret Magnesia Co. S	
332503	7-30	Insp'r NYS Copy	Magnesia blocks Elret Co protesting against method of handling material and failure to notify inspector of arrival (Cross to Complaints)	
359073	8-15	NYS	Fwd's letter from centre explaining of matter of workers employed by Jones Burville and the clothing and logging of pipes - D To Insp'r CM, Post Inform re complaint 8-27 Jones Burville Co 8-28 CM Co 8-4	

IDAH0: PIPING SYSTEM.

Number.	Date.	From or To—	Subject.
217962	3-13	Bd on Changes. NYS	Installation of dynamo hotwell pump discharge connections to the feed and filter tanks; inc Fwd Sol—Rec appv1.3/16 RA 3-28
217963	3-13	ditto	Fitting of safety sluice gates in the injection and outboard delivery pipes, fwd and after dynamo plants; inc cost. D
225297	4/28	NYS	Water service in engine rooms and shaft alleys, arrangement of; fwd plans D To—Plans appv. 5/7 NYS - Reports of tracings not received D
226466	5/5	NYS	Expansion joints for auxiliary steam line; print. D
227966	5/11	NYS	Steam and turbine flanges and drains - arrangement of - Appv. plan D To—Plans appv. 5/21
239024	7/17	NYS	Foam fire extinguisher D

563--15: IDAHO: PIPING SYSTEM.

Number.	Date.	From or To—	Subject.
239221	7-19	To NYS p	Foam fire extinguishers for engine and fire rooms. Installation of auth. D
239527	7-19	NYS	Drains in engine and fire rooms; fwd's print's. D To— Gives action. 8/1
250030	9/18	NYS	Drains in engine and fire room - arrangement of relative to location of inspection tank. D To— Gives arrangement of tanks and operations. 10-1 NYS - reqst action 10/2 D
257441	11-1	To NYS	garbage Incinerator; Directs contractors to provide independent steam line of 35 lbs working pressure for the galley ranges. D wd C&R- Notifies of above. 11-1
257441	10/29	C&R	Garbage incinerator and galley apparatus - connections for supplying steam D
261860	2-14 To—	C&R Plans satis. 2-21	Foam Fire Extinguisher arrange piping for fwd's. plans. D.

IDAHO: PIPING SYSTEMS.

Number.	Date.	From or To--	Subject.
201403	10/6	NYS	Castings for main steam line; fwsd plans.N To--Plans appvd. 10/16
205125	11-8	NYS	Expansion joint main steam line; defects in; recommends be waived.D To--Accept auth. 11/13
206919	11/29	NYS	Revised estimate inc cost for dynamo hot wall pump discharge.D
207446	12-4	NYS	Pipe lagging; error in forwarding orders for inspection; will make inspection after delivery. Y
207936	12/9	To C&R	Reqd 3 sea chest be provided for boiler blows. D To NYS--Fwsd copy of above letter and reqts ests of inc cost be submitted. 12/9 C&R sea chests for boiler blows; approval of change will result in increased cost; gives estimate; reqd for NM & MISS 12/27 Contractors request that auxiliary feed suction main be not reduced from 12 to 11".D To--Appvs req est. 12/16
208689	12-14	NYS	Reqd 3 sea chest be provided for boiler blows. D To NYS--Fwsd copy of above letter and reqts ests of inc cost be submitted. 12/9 C&R sea chests for boiler blows; approval of change will result in increased cost; gives estimate; reqd for NM & MISS 12/27 Contractors request that auxiliary feed suction main be not reduced from 12 to 11".D To--Appvs req est. 12/16
208944	12-16	NYS	Independent sea chest for boiler blow; plan.D To Gen Inspr--12/22 To--Change appvd. 12/22

IDAHO: PIPING SYSTEMS. 563-15

Number.	Date.	From or To—	Subject.
✓ 209046	12-18	NYS	Feed water pumping system; arrgt of piping; asks if changes are to be made at change in cost. D To—Type plan 50-R-40 will not apply to. 12/20
211307	1-10	NYS	Independent sea chest for boiler blows; prints. D To—Plan appvd. 1/16
✓ 211436	1-12	C&R	Additional sea chests for boiler blows; fws plan. D Fwd C&R—Appvs plan. 1/16
✓ 211959	1-18	NYS	Auxiliary steam and exhaust piping; in eng room; arrgt plan; fws tracinh. D To—Plans appvd with modif and comment. 2/1
212264	1-18	NYS	Auxiliary exhaust steam piping; strainers for; fws plan. D To—Plan appvd. 1/27
212629	1-26	C&R NEW MEXICO	& IDAHO: MISSISSIPPI water tightness of compartments; directs all piping leads be carried down forward of armored bulkhead and thence below 3rd deck; to apply all future construction.
✓ 213009	1-30	C&R	Fresh and salt water systems; request comment water supply for dynamo service. D Fwd C&R—2/3

554-15

IDAHO: PIPING SYSTE.

Number.	Date.	From or To--	Subject.
172319	11-24	C'R	CO-2 system: fws prints. DR Retd-- Satis. 12/1
172914	12-3	NYS	Contractors request permission to use copper for 11 auxiliary piping, exhaust and escape, above 6". DR To--Comments on. 12/7
173145	11-24	C&R	Drainage plans: fws. D.R. Retd-- Plans satis. 12/6
174599	12/20	C&R	Pumping and drainage systems; fws prints. DR Retd-- Plans satis. 12/31
181665	3-14	NY	Request authority to substitute seamless steel for drawn copper for main auxiliary feed system. DR To NYS--Disappvs. 3/17
182873	3-25	NYS	Water piping in fire room; fws arret plan. DR To-- Appvs with mod and comment. 4/5
183308	3-30	NYS	Main exhaust nozzles; fws tracing/ DR To-- Appvs. 4/7
✓184737	4/14	NYS	Dynamo hot well pump discharge to feed and filter tanks; est change in cost. DC To--Change appvd. 4/19 To Gen Insp --1/19

IDAHO: PIPING SYSTEMS. 563-15

Number.	Date.	From or To—	Subject.
186205	4-27	NYS	Arrgt piping in dynamo and auxiliary condenser room; resubmits plans.DR To— Appvs with modi. 5/6 To—Appvs arrangement. 5/8
186608	5-19	NYS	Sluice gates and dynamo connections to condenser.DR TO — appvd & Genl Inspr 5-29
19D924	6-13	NYS	Main steam in engine and fire rooms; rearrgt plan To— Appvs with modi and comment. 6/24 Inspr Ins - fws print showing various supporting brackets for steam strainer. D 6;5 To Inspr Camden, Plan approved. 6-12
✓ 192355	7-1	NYS	Elec heaters; fws print proposed name plate.L
195150	7/25	C&R	Salt and fresh water systems; fws plans.DR Retd—Comments on. 8/7
196155	8/9	NYS	Auxiliary steam and exhaust piping in fire-rooms; fws plans.D To—appd with comment 8/18
197277	8-17	NYS	Main steam piping in engine and fire rooms; resubmits plans. D To appd with mod and comment 8/28
198697	9/5	NYS	Main steam line; details; fws tracing.B To— Appvs. 9/14
199379	9-13	NYS	Water pipes in eng room; arrgt plans.B To— Appvs with modi. 9/26 NYS - by pass connections for main feed pumps - fws correspondence from sent. 10/4

To Inspr Camden, re by-pass connections for main feed pumps. 10-11

IDAHO: PIPING SYSTEMS.

Number.	Date.	From or To—	Subject.
163136	7/9	C&R	Equalizing pipes in engine rooms; fws plans and comments (held for plans, not received) DR Ret C&R 8-18
163388	8-12	C&R	Aux sea chest; fws prints DR Fwd C&R 8-21
163502	8-7	C&R	Auxiliary sea chest; print. DR Ret -- 8-21
163608	8/17	C&R 82	Aux sea chests; fws corres. DR Ret -- 8-21
163782 ³	8/18	NYS	Proposed drainage in way of fire rooms. DR To -- alpd. 8-25
165346	9-8	~~C&R~~ C&R	Drainage in way of fire rooms; plan. DR Fwd C&R -- plan satis. 9/20
166249	9-18	C&R	Piping for fire system; plan Retd -- Comments on. 9/25
167782	10-7	NYS	22" gate valve; fws plan. DR To -- Appvs. 10/14
168163	10-12	C&R	Sea chest; fwd dynamo room; fws plans. DR Fwd C&R 10/21
168770	10-19	C&R	Sea chest; fwd dynamo room. DR Retd 10/21

IDAHO: PIPING SYSTEMS. 563-15

Number.	Date.	From or To—	Subject.
169095	10-21	NYS	Main steam line; castings for; print.DR To-- Appva. 10/29
169489	10-21	NYS	Main steam line; expansion joint; plan.DR To-- Appva. 11/6
169619	10-27	C&R	Drainage piping; relative to location of valves and operating seat under cog of C&R.DR Retd- Comments on. 10/30
170597	11/2	C&R	Sea chests in after dynamo room, fws plan.DR Retd-- Satis. 11/12
170683	11-8	NYS	Sea chest after dynamo rooms; plans.DR To-- Appva. 11/12
171379	11/16	NYS	Magnesia lagging for steam and exhaust piping; relative to thickness of.DR To-- Appva. 11/18 NYS asks if Bu considered increased weight; no inc in cost involved 11/19
171422	11/16	NYS	Pipe lagging; hose duck for; fws samples and contractor's request to substitute.DR To-- Appva. 11/18
171740	11/18	NYS	Composition flanges for copper pipes; fws tracing.DR To-- Appva. 12/2
172307	11-26	NYS	Thickness of lagging for steam and exhaust pipes; unable to est inc weights owing to plans not being developed.DR To-- Procedure satisfactory. 11/30

IDAHO: (NEW) PIPING SYSTEMS.

Number.	Date.	From or To—	Subject.	
✓ 141814	12-10	NYS 3541-3867	Standard zinc boxes: reqt approval. D To-- Appvs. 12/12	
143146	12-21	NYS	Steel flanges for pipes 100# to 300# pressure: plan. D To-- Appvs. 1/6	
143143	12-21	NYS 3656-3881	Flanges for copper pipes: pressures from 0# up to 300# D To-- Appvs plans for 1/6	
1915				
145208	1-21	NYS	Magnesia covering: substitution of annealed iron for copper binding wire. D To-- Appvs. 1/25	
146298	2-3	NYS	FWds sample of wire netting proposed for fastening lagging. D. To-- Appvs with comments. 2/6	
144639	2/24	Dept	Rearrangement of fire and flushing main; inc cost; appd	130-15
/ 153083	4-21	NYS 181-3867	Main injection and overboard disch rge connection; tracing. DR To-- Appvs with comment. 4/27	
153999	5-1	C&R 82-B-42	22" main circulating suction sea chest. b/p Retd-- Satia. 5/6	

IDAHO: PIPING SYSTEM. 563-15

Number.	Date.	From or To—	Subject.	
154846	5-11	NYS 1387-1884	Main outboard delivery sea chest; arrgt and details; plan DR To—ppv's, 6/16	
156228	5-27	C&R	Main outboard delivery sea chest; plans.DR Retd-- Plan satis. 6/4	
157969	6-14	NY	Arrgt water and oil piping in fire rooms; plan.DR	
159095	6-26	C&R	9" injection sea chest; fwds print.DR	563-15
160312	7/10	C&R	Equalizing pipes in engine room.DR Retd-- Satis. 7/16	
161150	7-20	NYS	Receiver pipes bellows pieces; fwds tracing.DR Now Appvd with comment 8/2 NYS will show drain on later plan 8-11	
162552	8/4	C&R	Sea chests.DR Retd--Noted. 8/10	
162695	8/4	C&R	Sea chests; fwds prints .DR Retd--Plans satisfactory.8/10	
162786	8/5	NYS	Aux sea chests in engine rooms; prints.DR To appd 8/17 To NYS appvd certain plans 8-20 NYS will assume Bu's approval 8/16	
162792	8/5	NYS	Aux sea chests; prints.DR To appd 8/17 NYS will assume Bu's appvl 8/18	
162913	8/6	NYS 2160-3867	Main steam and exhaust piping in fire rooms; arrgt plans; fwds.DR To -- appvd as mod 8-21 NYS dec cost 8-24	
162058	8-10	To NYS.	Auxiliary sea chests; returns plans appvd.	
162389	8-18	FWD C&R	Drainage system:	

IDAHO FUEL OIL SYSTEM:

6

4-8881

IDMHO: FUEL OIL SYSTEM:

Number.	Date.	From or To—	Subject.
✓ 581277	8:17	B&W Co	To Babcock and Wilcox Co- Sprayer painted desired 8/19 Db
✓ 582028	8:22	Inscr B&W	Reqt with to use non standard brick D To Inscr B&W- Satisfy furnish special shaped oil burner tiles of the "Woodland" brand- 8/25
588317	9:26	Pug Snd	Ask if contract with B&W Co covering oil burners and registers provides for services of Company's erector D&Y To Pug Snd Give inform rel contract 10/5 To Pug Snd- Work at Hd cc CC- Pacific Fleet- 10/28
✓ 618358	4/21	To Pug Snd	Fuel Oil System Gear For Operating Valves from Deck Installation of cc CC E-1-C Pacific Fleet- Battleship Squad 4 Db
✓ 617198	4/26	To Pug Snd	Centrifugal Separators for Fuel Oil System Installation of valves inform rel Db L LEXICO- Ctl L Pacific Fleet- Squad 4 NEW To Pug Snd- Notify to ins'all small tank. 6/30 Db cc IDMHO Pac Fleet NEW LEX.

1922

Number.	Date.	From or To—	Subject.	
640635	9/7	CO (T)	Request material listed be added to new fuel oil burning equip. B. To CO- Gives change in allowance of EOSO Yard- vessel 9/12	
64592	9/2	B & W Co T	Assts authority for Company's representative to be on board vessel during trial of fuel oil burners W	
54665	10/25	To CO IDAHO	Oil burner instaln. test of on board ship- Rqsts inform Dn S	629
54665	11/8 11/15	CO IDAHO Fac Fleet	Oil burner installation completed. Submits comments on trials of SD	629

IDAHO: FUEL OIL SYSTEM.

Number.	Date.	From or To—	Subject.
582291	1:2	Ins. NYS	Modified air impeller for fuel oil air register. Fwds prints for comment. To Insp NYS-- returns tracing-1/7/19
399079	2:27	^{per} Fuel Oil Testing Plant	Bowser fuel oil meter fwds report on test D
400780	12/5 3/7	WC Ins NYS	Req amend allowance list to include gas analysis outfit and fuel oil testing outfit Y CEE-21
426759	5:19	Dept	Copy of tol t. Co auth fill all emergency fuel oil tanks pending cruise A
451640	10:7	Pac Flt	Submarine data in connection with oil burning equipment installed on D To PAC FLT via OPERATIONS. 10-22 Pacific Flt - 10/31

1919

Number.	Date.	From or To—	Subject.	
452778	10-16	Inspr NYS	Drip pans under fuel oil burners at boiler fronts- Estimate of increased cost.	D
452784	10-16	Inspr NYS	Providing connections for draining fuel oil pipes above the 3d deck. Estimate of increased cost.	D
162222	11/13 12/2	CC	Altera report on fuel oil service lines- fwd sketch showing.D	90
162218	11/13 12/2	Pacific Fty	Altera report on fuel oil service lines- fwd sketch showing.D	90
454447	12:15	Inspr NYS Fed Solicitor. 12-26RB-1;2	Installation of drip pans under fuel oil burners at boiler fronts-fwd estimated increase in cost.D	
454452	12:15	Inspr NYS	Providing connections for draining fuel oil pipes above the third deck-fwd estimated increase in cost.D	
500653	6:15	CC	Alterations made to fuel oil service lines- fwd sketch showing.D	
565707	8:14 8:25	CC Pac Fty	Prevention of smoke from fuel oil heaters- fwd sketch showing.D	
To B&W- rel install of fuel oil burners on boiler fronts fwd prints 7/1		Is CO via Union Gives inform to Pac Fleet- C-1-C Pac Fleet 7/1		
B. 12-7:11-D		B. 12-7:11-D		

IDAHO: FUEL OIL SYSTEM.

Number.	Date.	From or To	Subject.
222356	4/11	NYS	Oil fuel apparatus, bracket for spindle on air register, fws print.D
226354	5/5	To NYS	Fuel oil piping to motor boats, launchers, galley, etc.D NYS - contractors request change be treated as increased cost D To--Auth.6/9
246500	6/28	Bd on Changes NYS	Installation of air chamber on fuel oil service pipe at each boiler front, with air connections N Fwd Sol-9/1 E B 3/7
293514	3/27	NYS	Attachment f r blowing out oil burners- fws plan - DE
291178	Fwd NYS		Monel metal castings for. ordered from Bayonne Casting Co.S
303346	5/4	To Insp. Camden	To direct contr. to provide means in each fire-room for blowing out the oil burners. D. 5/4
burners	satis. 5-11	To- Attachment for blowing out oil	Insp NYS - Attachment for blowing out oil burner. 5-6

563 - 16 IDAHO : FUEL OIL SYSTEM

Number.	Date.	From or To--	Subject.
304477	5-6	Inspr NYS CANCELLED SEE 303346	Attachment for blowing out oil burner. D 563 - 16
305946	5-10	Inspector NYS	Fwds blueprint showing steam coil and lubricating oil settling tanks on--Als a blueprint showing automatic pressure -- regulator 563-20
327561	7/16	NYS	Changes in fuel oil system - fwds recom- mendations - D To Inspr NYS changes in oil fuel system considered desirable 7-23
349887	9-17	Inspr NYS	Installation of steam connections to fuel oil tanks for steaming out purposes absolutely necessary - D To Inspr NYS re steam connections to fuel oil tanks for steaming out, 9-10 Ins. NY Ship will submit plans DA
350362	9-25	C & R	Fuel oil stowage system connections for steaming out tanks/ Submits comments D and specifications Fwd C&R 10-1
355269	10;3	Ins. NY ship	Fuel oil system pans recommended and furnished at increase cost D To Inspr NYS re ship plans for fuel oil system 10-9

IDAHO: FUEL OIL SYSTEM.

1912

Number.	Date.	From or To—	Subject.
185958	4-26	C&R	Oil fuel filling system. DR To— Plans satis. 4/29
189779	6-1	NYS	Fuel oil supply system; operating gear, etc Fwds tracing s. DR To— Appvs. 6/7
190458	6-7	NYS	Fuel oil service system; fwds fire room Fwds tracing s. DR To— Appvs with modi. 6/20
190457	6-7 To— 8/9	NYS	Fuel oil supply system; arrangement of discharge from ships' side to motor boats, launches, etc: Fwds plan. DR To— Appvs as modi. 6/20 NYS 11 air chambers fitted in boiler fronts result in inc cost: will allow dec for automatic valves removed 8/7
190528	6-9	NYS	Fuel oil pipes filling pipes; air escapes, pipes, sounding tubes; fwds plan. DR To— Appvs. 6/20
190955	6-15	NYS	Fuel oil apparatus: detailed plans of burners; air register, etc. DR To— Appvs with modi and comment: 6/23
192645	7/5	NYS	Fuel oil supply system, steam piping and heating coils. DR To— Appvs with modi and comment. 7/11

IDAHO: FUEL OIL SYSTEM. 563 — 16

Number.	Date.	From or To--	Subject.
✓ 202484	10/13	NYS	Burner connections; fwds detailed plans .D To--Plan appvd with modif. 10/18
✓ 203161	10/19	NYS	Relief valves for steam and to coils in fuel oil tanks; fwds prints.D So--Plan appvd. 10/26
✓ 207789	12-7	NYS	Coils in fuel oil tanks; and traps; for; fwds plan.D To--Plan appvd. 12/13
✓ 209299	12-19	NYS	Fuel oil service system; in middle and after fire rooms; tracing. D To--Plans & pvd with colif and comment. 12/29
✓ 209434	12-18	NYS	Fuel oil supply system; operating gear, plan.D To--Plan & pvd. 1/18 NYS operating gear, fwds tracing 1-11 To--Comments on. 1/18
210017	12-29	NYS	Request that burners and air registers be tested at Fuel oil plant.D To--Special test not necessary. 1/5
216318	2-28	NYS	Air chambers on fuel oil piping; est inc cost.D And Sol---Rest pvd. 2/28 RB 3-9 To Gen Insp--3/12 To--Change appvd. 3/13

IDAHO: FUEL OIL SYSTEM

1015

Number.	Date.	From or To—	Subject.	
147583	2-16	NYS 507-3868	Oil fuel system; heaters for: fws plan for S&K type.D To-- Appvs with comment. 2/27	
150291	3-19	NYS 862-3868	Suction from fuel oil tanks; fws tracing. To-- Appvs with modl. 3/27	DR
151796	4-10	NYS 1013-3868	Fuel oil tanks; swive of suction from. To-- Appvs tanks be of 3-1/2" in lieu of 4-1/2" as directed. 4/9	DR
153327	4-26	NYS 1238	Lap welded steel casing for; Nat Tube Co. appeal against pressure test. To-- Directance of. 4/27	
154940	5-11	NYS 1389-3868	Heaters for fuel oil system; plan S&K type. To-- Appvs. 5/16	DR
154953	5-12	NYS 1394-3868	Heaters for fuel oil system; plan S&K type. To-- Appvs. 5/16	DR
155514	5/20	NYS	Reqt decision on Acceptance of piping supplied by National Tube Co; deficient under hydraulic test; comes up on IDAHO; fuel oil piping	695-2
156042	6-25	NYS 1487-3868	Detailed plans.DR To-- Appvs with modl. 6/4	

IDAHO: FUEL OIL SYS. 563-16

Number.	Date.	From or To--	Subject.
160750	7-15	NYS	Fuel oil supply system; fwsd prelim plans. DR To-- Appva. 7/23
2 163215	8-11	NYS	Fuel oil supply system; detail steam flanges; plan. DR To -- appvd 8-20
167427	10-1	NYS	Fuel oil supply system; manifolds for: fwsd plans. DR To--(C) Appvs. 10/9
168678	10-15	NYS	Fuel oil apparatus; arrgt and details of burners; registers, etc. DR To--Appvs with modi. 10/ 26
172520	11-29	NYS	Fuel oil supply system; arrgt; final submission of plans. DR To-- Appvs with modi. 12/9
NY contrs claim changes can only be made at an increased cost 7/18 To NYS--Sub estimates for change.			8/20--Directs valves be fitted with emergency gear operated from thrud deck, 7/20/16
172913	12-3	NYS	Relative to test pressure of lap welded casing fuel oil supply system. DR To--Appvs test at 750 lbs. 12/7
174467	12/21	NYS	Fuel oil supply system; arrangement of: relative to placing of certain valves on R To-- Appvs omission of Gate valves. 12/23
175087	12-30	NYS	Fuel oil piping; rect use of paper or card- board gaskets be permitted in suction lines and valve bonnets to make same oil tight under test. DR To-- Appvs. 1/4

IDAHO MACHINE TOOLS

[illegible]

Number.	Date.	From or To—	Subject.	
✓ 333086	8-7	C&R	Copy letter to Constructor NYS author- izing construction of ventilation for coppersmith forge in general work shop -	D
355307	10-3	Ins. NY ship	General work job re. recommendation of machines. Edw. sketch. D To Inspr Camden, re relocation of machy 10-17	
✓ 375029	12-5	Inspr. NY Ship 15	Invoice covering pipes	D
412174	4-17	Ins. NYS	Wiring for additional work shop machinery estimate in increased cost 1 for Change appva. referred to Ed Changes.	4-24

Number.	Date.	From or To—	Subject.	
452783	10-16	Inspr NYS	Additional equipment for general workshop, and pipe and coppersmith shop- Estimate of increased cost.	D
464439	12:15	Inspr NYS	Wiring for additional workshop machinery- fws estimated increase in cost.D	
464453	12:16	Inspr FR Fwd Solicitor. 12-26 RB-1:2	Furnishing additional equipment for general work shop and pipe and copper smith shop-fws estimated increase in cost.D	
481180	3/10	C&R	Directs shipment of twist drills from Aircraft Pty Phila to San Diego for IDAHO. DA 494	
481181	3/10	C&R	Directs shipment of flat nose pliers, tool chest and C. S. and dies from A IS to San Diego for IDAHO: DA 494	
488354	4/12	TO IDAHO	Fws sample of u.s. fish back saw blade manu by Burrows Tool Co. - CH 718-2	

IDAHO: MACHINE TOOLS.

Number.	Date.	From or To--	Subject.
212550	1-25	NYS	Hydraulic bolt forcer; fwds print Watson-Stillman type, D To--Plan appvd. 1/27
215697	2-21	NYS	Pipe and copper smith ~~ex~~ tools; location of; tracing D To--Plan appvd. 3/2
217259	3-7	NYS	Foundry and blacksmith shop; arrgt plan; fwds D To--Plan appvd. 3/15
217959	3-13	Bd on Changes. NYS	Substitution of oil burning for coal burning; forge for use in blacksmith shop; inc cost. N
220981	5/7	NYS	Current shop machinery - fwds change in cost D To--Change appvd. 5/15 To Gen Insprs--5/15
227544	7/11	To NYS	List add'l equipment with for machine shop. D NYS - contractors request authority to locate additional equipment of top of movable plates on deck for taking turbines out 7/25 D To NYS--Appvs contrs proposition. 7/25

IDAHO: MACHINE TOOLS. 563 - 18

Number.	Date.	From or To—	Subject.
✓ 246562	8/28	Bd on Changes NYS	Installation of feeders for the Carpenter Shop tool motors N
✓ 248996	9/13	NYS	Additional equipment for workshops - fwds specifications, cuts, etc - D To—Appvs with modif and comment. 9/25 To— Gives recommendations of mfg's. 10-23
272660	1-11	To NYS	Additional equipment for workshops Motor-Driven motor-Driven precision lathe. D
276204	1-23	NYS	Summary of motors for machine shop tools fwds prints. D
278211	1/30	NYS	Additional work shop equipment - fwds prints -D

IDAHO: MACHINE TOOLS.

Number.	Date.	From or To—	Subject.
✓ 178585	2-8	C&R	Dynamo workshop; fwds plans. DR Retd--Satis. 2/16 To NYS-- Fwds copy above. 2/16
179071	2-14	NYS	Work shop tools; recommends oil in lieu of coal burning forge. DR To--Submits estimate socvering. 2/17
181644	3-11	Mass	Work shop tools; sub-contractors. GE Co request authority to ship motor for with split covers with understanding will replace if unsatis- factory. DR-L To--Authorizes acceptance, 3/16
183628	4/3	NYS	Elec workshop; change in location; fwds sketch. L To--appvs. 4/11
184606	4/13	NYS	Workshop tools; fwds prints. DR
190076	6-5	GE	Work shop tools; fwds reports on motors for. S
✓ 190036	6-10	To NYS.	Fwds data on inspection of control appliances for workshop tools. L-S
✓ 192191	6-27	NYS	Elec repair shop; fwds plans. L

IDAHO: MACHINE TOOLS. 563 -- 18

Number.	Date.	From or To--	Subject.
✓ 194795	7/27	NYS	Substitution of oil burning for coal burning, blacksmith s. forge; Est inc.DR To--Change a pyd. 7/31 To Gen Insp-7/31 To S&A--Recd shipment coal-buring forge from NYS to Phila. 7/31
197754	8-25	NYS	Coal burning forge; memo of shipment to Phila. D
✓ 199387	9-13	NYS	Work shop machinery; arrgt plans.D To--Appvs. 9/21
✓ 205617	11-15	NYS	Hauok oil burning forge; fwsd bulletin and outline sketch. D To--Appvs No 5 Hauok Oil burning forge. 11/20
✓ 206093	11-20	NYS	Location of foundry, coppersmith sop, and blacksmith shops.D. To--Instructions. 11/24 NYS contrs request loan of plan 11/29. To--Plans not available at present. 12/5
206980	11-27	NYS	Work shop arrgt machy plan.D
207490	12-5	C&R	Blacksmith shop; proposed location; plan.1 Fwd C&R--Satis with comment. 12/14
✓ 208173	12/9	NYS	Outlets for portable boring machine.L To--Appvs comments. Plans should be modif and submitted. 12/19
		NYS will reply later 1/3	

IDAHO: MACHINE TOOLS.

Number.	Date.	From or To--	Subject.
147061	12-18	NYS 3646-3894	Foundry equipment: crucible equipment. Plan.D To-- Appvs. 1/6
143993	1-8	NYS	Proposed forge motor.D To-- Satisfactory to Su. 1/18
145856	1-29	NYS 291-3894	Pipe and copper smith shops: cut vs. cast teeth: for tools. Y To--Comments on 2/2
155985	5-26	NYS	Tools for copper smith shop tinner slip roll framing machine: fwsd print and description. R To--Appvs subject to operation 5/28
156140	5-27	NYS	Workshop tools: fwsd plans and specs. DR NYS Rect action: 7/21 To--Appvs with mod and comment. 7/28
156601	6-3	NYS	Forges and anvils for blacksmith shop: fwsd cuts and catalogs. DR To--Appvs tools proposed. 6/7
156602	5-3	NYS	Molders tools for foundry; ditto To-- Appvs. 6/7
156603	6-3	NYS	Pipe cutting and threading machine: ditto To-- Appvs. 6/7
156604	6-3	NYS	Misc tools for pipe and copper smith shop, ditto To-- Appvs. 6/7

IDAHO: MACHINE TOOLS. 563-18

Number.	Date.	From or To—	Subject.
✓ 168371	10-14	NYS	Work shop tools: fwda specns. cuts of elec equip. etc. DR NYS Co (T) reqt action 10-18 To GE instructions 10-19 To NYS--appd with comment 10/20 GE type of controllers proposed for machine shop motors 10/22 NYS item 10 recommends 120 volt (T) 10-28 To--Disappvs. 10/30 NYS gives reasons for recom 120 volt in lieu of 220 11-1 To NY--voltage should be 230 volts. 11/1 To--ditto. 11/5 NYS contractors seriously delayed on account of Bu failure to act on reverse motor 11-12 To--advise contr's motor required for milling machine. 11/17 To--Desires Vandyke print of drawing as soon as possible. 11/3/16 To--Reqt data on simplifying the purchase and unifying types of motors on ships. 11/23
172504	11-29	NYS	Work shop tools: M&M reqt waiving factory inspection. S To--Appvs. 12/1
170915	10-30	NYS	Elec equipment for portable cyl boring bar. DR
✓ 174649	12/13 12/23	NYS Co C&R	Reqt decision on use of coal burning or oil burning forges for blacksmith's shop. DR To NYS--Reqt oil burning be supplied. 12/30
177162	1-25	NYS	Work shop tools: substitution of No 2 Rockford and No 2 Hendee-Norton milling machine. DR NYS reqt action 2/3 To--Appvs with mod. 2/5

Number.	Date.	From or To—	Subject.
543231	see card 4		Fwds Disbursing office Dn 8/25
590914	9/7	Pug Sd	Wiring diagram submersible salvage pump 696 sys for IDAHO. Submits print with estimates LY
620497	from card 5		To Pug Snd (T) complete instrln authd 10/5 i.S. 11/14 pipe connections for motor. driven pump. Submits prints D To Pug Snd - Given action taken- Fwds prints cc cc CO- C-I-C fac Fleet- Comdr battleship Squad 4 fac Fleet- ckr 12/28
454610	10/18	Pug Snd	Fuel oil operating plan. Fwds plan D

1922

[illegible]

IDAHO: PULPS:

Number.	Date.	From or To	Subject.
535655		fwdd from card 4	Inspr NYS-fwds copy of Notice of rejected ratl 7-1-33 Insp NYS-fwds copies of corres re-10:4 To Insp NYSReqst Inform 10/14 Insp NYS-fwds bill cov oil cylinders 11/23 K-D.
En Eng 353-1922 DN	5/6	Fwas Dept	Rqn. Cont with Griscom-Bussell Co- Fwds cc Letter of Company 4/16 DN R
Rqn. 353	5/16	JAG	Requisition cannot be amended to provide payment to contractor of \$5200 - give. was ans. why. DR

1922

Number.	Date.	From or To—	Subject.
620407	5/27	To Pug Snd	Motor Driven feed pump for port use- Storage battery for auxiliary power supply Instln of gives Action taken cc CC C-1-C Pacific Fleet- Squad 4- CAR PBL To Pug Snd Pwds prints cc CO 6/9 To cc Sd Pwds prints 7/12 D card 6
			Pug Sd. Battery storage for feed and fuel oil pumps D 8/25 To Pug Snd (r) plan satisfy cc can 9/14 Pug Sd 10/2 To status of storage battery stowage L To Pug Snd (r) Request status of instln 9/28
620610	5/27	To Pug Snd	Motor Driven fuel oil svc pump for port use- Instln of gives Action taken cc CO C-1-C Pacific Fleet- Squad 4- CAR PBL
629759	6/9	Pac Fleet	turbine drain pumps meter operating are not water-tight. Request new. DL To C-1-C Pac Fleet Turbine drain pumps will be removed 7/1 DO cc IDAHO Squad 4 RE. MEXICO.

Number.	Date.	From or To—	Subject.
524593	10/20	Inspz NYS	Trans report on satrl shiped covering 563-2 pump deliver in connection with unsatisfactory work at time of trial.
527731	11/5	Griscom Russel Co.	Fwds copy of test on combined feed and brine pump for. D.
		~~CANCELLED~~ see 523683-563-19	
523683	11-24	To Pug Snd OTHER SIDE	Instln of a p combined eva feed and brine pump; Fwds 11-24 cc CO D.
		Pug Sd-proposed arrangement of experimental brine feed pump-fwds print-2;14	To Griscom Russell Co. Plan as per field no 11 28
		To SO 4 Pug Snd Ask if shipment recd 3/7/21	To Pug Snd 11-24 cc CO 3-0-3 Pug Snd 11-22
		To Pug Snd Gives form re instln of pumps	cc CO-C-I-C Pac- Griscom Rus Co 3/25
535675	12:13	CO	Addtl cracks have developed in oil end in number one 11-24 cc CO 11-23
		Inspz NYS-4;14-D	sketch requesting two addtl ends be furnished. D
		To Inspz NYS Reqs report from IDAHO 4/21	Inspz NYS copy of letter to Contrs fwding prints 12:23 cc CO 11-23
		To CO Ask status of material 4/21	cc via 11-24 cc CO 11-23
		To Inspz NYS Gives inform 5/18	Inspz NYS-req instrs re shipment-11-23
		CO 5:2-D	11-23 cc CO 11-23
		CO 5:2-D	11-23 cc CO 11-23
		Pug Snd 6/24	11-23 cc CO 11-23
543231		Fwds Inspz NYS 7/8	To Inspz NYS Gives action 2-2/21
		card 6	fwd Disb office 1/26/21 re Certification of public bill 3380 in favor of the Griscom-Russel Co under Departmt cont 2840 D.
548934	2:23	Pug Sd	Disbursing Off- Request Griscom Russell Co. be advised regarding charges 8/21 D.
			Estimate covering installation of submersible pump control system. Del
			To Pug Snd Instln authd cc CO 3/11

563-19: IDAHO; PUMPS :

Number,	Date.	From or To—	Subject.
✓ 551764	3:15	Griscom Russel Co	Combined feed and brine pump returns prints with recommendations covering arrangement D. To— Fwds Plans 3/25 Griscom Russel Co-3:28-D Griscom Russel Co-4:7-D
523683		SEE OTHER SIDE	To Pug Snd Instn of experimental combined feed and brine pumps for distilling plant Fwds Enclosures listed for Information D 4/11 Pac Fit-copy of action to Pug 9d-4;20-D W. D. - Experimental brine feed pumps- Fwds prints D. 8/25 To Pug Snd Plans listed appvd cc C-I-C Pacific Fleet 8/14 ✓ Griscom-Russell Co 3/30/ Request payment of account D 1/22
✓ 560235	4:25	Inspr Milw	Fwds test report of control of appliances for pump control. L&D

N.S.E. Form 134.

IDAHO: PUMPS.

Number.	Date.	From or To—	Subject.	
452781	10-16	Insp'r NYS	Additional reserve feed water pump and piping in engine room- Estimate of increased cost.	D
453568	10:22	Westinghouse E&M Co To Westinghouse Co- 1-10 To CO via PAC FLT. 1-10 Pac Flt-fwd's report on dynamic condensate pump- 1-10 To Westinghouse Co. Quotes from from Pac Flt-fwd's report on cost of standard pump- 2-23 West E&M Co-ask if can substitute MELVILLE pumps for IDAHO- 3-24	Asks if condensate pumps installed on are operating satisfactory.D To- Co has been req'd to submit report on condensate pumps and by 11, send copy as soon as received. 10-27 To CO via PAC FLT-fwd's submit report on condensate pumps and air ejector equipment. 10-27 Pac Flt-fwd's report of CO-12,2 To- Submits recommendations from CO. 12-19 Westinghouse E&M Co-submits comment- 1,7	10-27
455032	10/29	Warren Steam Pump Co	Returns standard tracings - D	
464450	12:15	Insp'r NYS Fwd Solicitor. 12-26 RB-1;2	Installation of additional reserve feed water pump and piping in center engine room.D fwd's estimated increase in cost.D	
472798	1;28	Kinney Mfg Co	10-27 Fwd's copy of letter to S&M in connection with proposal for plunger electrically operated pumps for.D	
378756	3-25	To Griscom Russell Co	Fwd copies of contract, for construction of expr combined feed and brine pump to be on IDAHO X	instal 698

Number.	Date.	From or To--	Subject.	
488071	4/17	Solicitor	Fwds copy of contract 2840 with T.R. Co for experimental combined feed and brine pumps to be installed and tested on board E.S.C. SK	698
493337	5-19	Fwd Dept.	Connect feed pumps with cut-out valves.	554-8
515440	8:31	Inspr Boston	Fuel oil pump cylinder-request instrns re shipping under government bill lading. S&D Fwd Insp'r Boston 9-8	
516039	9-9	To Insp'r Westinghouse	Advise has no inform co o replacement of condensate pumps D.	
516454	9:10	Griscom Russel Co	Pumps on Dept contract 2840 will be ready for inspection September 22. S&D To Insp'r Pitts Reest witness of tests on pumps and submit comp report to Bu 9-13 RB-with report 8:25 To Griscom Russel Co-- Advises Capt Offley stationed in Pittsburgh will conduct Insp'n and witness tests on pumps 9-13 Griscom Russel Co-9:14-S&D Insp'r Pitts-details E.M. Muncy to make test-9:16S&D	
523643	10:16	Griscom Russel Co	Pug Sd ask if present pumps should be removed and experimental pumps installed-12:15 To Griscom Russel Co- Given inform To P&G Snd via P&C Fleet-Union- Gives inform 11-16 Griscom Russel Co-11:19-D Griscom Russel Co-fwds prints-11:32 NY-main engine clutch details fwds	
			Fwds copy of test on combined feed and brine pumps Griscom Russel Co-fwds copy of test on combined feed and brine pump for-11:3-D To P&G Snd via P&C Fleet-Union- Gives inform 11-16 Insp'r Pitts-copy of action to Griscom Russel Co-11:19-v&D Griscom Russel Co-11:3-D	

IDANO: PUMPS.

1917

Number.	Date.	From or To—	Subject.
213645	2-1	NYS	governors Pump connections; resubmits plans. D
256268	10-23	Phone NYS	To—Plans. 2/15 Turbine driven boiler feed pumps. Information asked whether have any that have not been installed. To— In view of fact that pumps are installed in the vessel desire no further steps be taken in the matter. 10-26
297744	4-15	To S&A	Reattach one vertical simplex pump from Boston to NYS. D To NYS—Has directed shipt of pump for installation. 4-15 NYS - 4/15 - R To NYS—Fwds print showing reserve feed pump for. 4/18 To NYS— Fwds. prints. 4-19 Shipment order April 15th - RE 5-23
313640	5/4	NYS	Fwds plan showing vertical simplex featherweight air pump also list of spare parts and special wrenches for- EC3-21
356248	10/10	Ins. New Yk. Ship	Reserve feed pump in center engine room Req. Boston furnish metallic packing for D Bost - 10/22 To NYS - 10/22, re ship pump and

IDAHO: PUMPS

Number.	Date.	From or To	Subject.
365375	1:13	Ina NPN	Evaporating and distilling plant installation of experimental Brien feed pumps contractors furnished with plans of D
✓ 369381	1:27 2:1	Ina. NYS Griscorn-Russel Co	Evaporating and distilling plant installation of experimental of Brien and feed pumps req. instructions D To R- Auth installation of experimental feed and brine pumps. 1-30 To- Experimental feed and brine pumps not necessary that they be installed at the works of the NYS Corp. 1-30 ✓ o Griscorn-Russel Co- Directs delivery of the feed and brine pumps to be made at NY yd instead of at the NYS Corp. 1-30 copy to NY
433390	7/16	Inaptr NYS	Fast expedite delivry of finished plans listed 363-8 from Worthington Co. D.
✓ 434369	7:19	NY	Submersible pump system-fwds print.D To I.M. Ny- Fwds prints. 8-1 NY-will submit plans in one week. 9:13 NY-fwds plans of submersible pump system-9/24 To I.M. Ny- Lists plans arriv. 10-10 NY - general arrangement of motor generator spaces for submersible pump system - fwds prints - 11/5 To NY- approval of Drawing reqst more details be shown 11/8 B B 12/1 with prints showing general arrangement of motor generator spaces.

1914

IDAHO: PUMPS

Number.	Date.	From or To--	Subject.	
✓ 143059	12-18	NYS 3647-3868	Hand pressure pumps for fuel oil system; plan. D To-- Appvs. 1/6	
145265	1-21	NYS	Pumps: setting plans for Warren type; fwds.D To--Appvs subject to appvl details: 2/1	
✓ 147865	2-10	Warren Steam Pump Co.	Fwds pump tracings for approval.D	698
153674	4-28	C&R	Main drainage pumps: fwds plans and comments.DR Retd--Comments on: 5/4	
155970	5-21	NYS 1450-3877	Worthington Volute pump: fwds plans.DR To-- App vs with comment: 6/2 To-- Gives add changes in: 7/9	
✓ 156716	5-29 6-2	Supplee Biddle H & Co Phila	Monel metal rods for pump: reqt waiver of deficiency elastic limit: 8 To Phila--Waives deficiency. 6/5	
158814	6-23	C&R 3129	Main drainage pumps: fwds plan.DR To-- Satisfactory: 6/29	
158923	6-24	NYS	Turbine for pumps: prints. DR To-- Appvs with modi: 7/3	
159201	6-29	NYS 1861-3851	Turbine driven centrifugal pumps; Worthington contractor reqt complete machy specs.D To-- Auth. granted to furnish specs: 7/1 NYS 7/27	

IDAHO: PUMPS. 563-19

Number.	Date.	From or To--	Subject.
159480	6-30	NYS 1865-3877	Terry turbines for circulating pump; plan. DR To--Appvs with comment. 7/9
160806	7-1	NYS	Pumps; Warren type; DR To--Appvs. 7/21 To--Fwd prints of. 7/26
163125	8/10	NYS 2189-3877	Feed setting plan for distiller and dynamo condenser pumps. D To -- appvd 8-20.
✓ 169198	10/23	Terry Co	Turbine driven circ pumps; order cut from 6 to 4; reqt authority to reduce spares. DR To--Take up with shipbuilder. 10/26
190231	6-6	NYS	Elec driven centrifugal pumps for draining main engine room; comments on and forwards plan. DR
190490	6-10	To Brook.	Centrifugal feed pumps for; reqt data on performance of. S-D Brook; gives data on 6-22
✓ 191909	6-27	Warren Steam Pump Co	Pumps; request decision as to metallic packing being fitted on pumps from 1" or 1" and over. DR To-- "Over one inch diameter". 6/29
✓ 199386	9-13	NYS	Pump governors; plan. D To--Plans of Foster Eng. Co. appvd with modifications. 9/28 NYS recom approval subject to satis test after installation 11-6 To--Cannot appv until satis tested. 11/9 To--Are now ready to appv governors of Foster type. 12/7

IDAHO: VALVES:

Number	Date	From or To--	Subject
464441	12:15	Inspr NYS	Furnishing new springs for boiler safety valves-fwds estimated increase in cost.D
464445	12:15	Inspr NYS	Installation of cut-out valves in main feed discharge branches to the boilers-fwds estimated increase in cost.D
464446	12:15	Inspr NYS Fwd Solicitor. 12-26 RB-1:2	Installation of operating gear for one-inch valves, steam to fuel oil heaters-fwds estimated increase in cost.D
464451	12:15	Inspr NYS Fwd Solicitor. 12-26 RB-1:2	Installation of cutout valves for forced lubrication system-fwds estimated increase in cost.D
464509	12:15	Inspr NYS	Installation of deck operating gear for fuel oil cutout valves-frames 102 to 103 center engine room-fwds estimated increase in cost.D
464464	12:15	Inspr NYS Fwd Solicitor. 12-26 RB-1:2	Installation of swing check valves in main feed pump discharge lines-fwds estimated increase in cost.D
464442	12:16	Inspr NYS Fwd Solicitor. 12-26	V O I D Compressed air system

563-20: IDAHO; VALVES:

Number	Date	From or To	Subject
464896	12:22	Inspr NYS to main condensers-fwds or ints.D	8 inch balanced relief valve for aux exhaust To- Plan appvd. 12-30
470623	1:20	Inspr NYS VOID SEE 45-B-20	1920 Section and discharge sea chests valves for evaporating and distilling plant-fwds prints.D
480232	3:6	Foster Engineer Co	Asks location of vessel in connection with reducing valves furnished.D & Y Foster Engineering Co-asks where IDAHO is at present-3:9 To- address IDAHO. with PAC FLT. 3-10 To- dtt 3-10 Foster Engng Co-3:11
507493	7:27	Phila	Lower an relief valve for main condenser- request print.D To EC Phila Twis Plan 8-3
523582	9:35 10:16	CO Gunbery Exercises	Request authorize setting of relief valve on cruising turbine at 225 lbs. max Fwd Dept 10-31

IDAHO: VALVES

Number.	Date.	From or To—	Subject.
✓ 370154	11-18	New York Ship	Copy of letter to contractors accept- ing valve bodies deficient under elongation
✓ 374617	12;3	Ins. NY ship	Fwds copy of contractors letter requesting analytical inspection of relief valve for humidity control air tank and fitting be waived S&D
3 374672	12-7 12:24 1:8	To Inspr NYS NYS Ins. NYS	Comments re relief valve for humidity control air tank & fitting, S Ins. NY ship fwds copy of order covering relief valves 12:10 To Inspr NYS- reqst contracts be advised that analytical and physical tests on order 212222 will not be waived- 1/6
> 389398	1:27	Ins. Pitts.	Copy of letter to Ins. Harrisburg fwding copies of correspondence for to be used in inspection of steam traps S&D
✓ 402298	1:3;3	NYS	Copy of let. NYS Co complaining of carelessly manner in which test of bridge bilge suction valve were conducted 5

Number.	Date.	From or To-	Subject.	
✓ 452777	10-16	Inspr NYS	Operating Gear for 1" valves- Steam to fuel oil heaters- Estimate of increased cost.	D
452795	10-16	Inspr NYS	Installation of swing check valves in main feed pump discharge lines- Estimate of increased cost.	D
452775	10-16	Inspr NYS	Cut-out valves in main feed discharge piping- cost incident to installing 3-1/2" by 4-1/2". Estimate of increased cost.	D
452773	10-16	Inspr NYS	New springs for boiler safety valves- Estimate of ~~xxx~~ increased cost.	D
✓ 464425	12;15	Inspr NYS	Extension of operating gear for bilge injection valves in engine rooms to high up in center engine room-fws estimated increase in cost.D	
✓ 464427	12;15	Inspr NYS Fwd Solicitor. 12-24 RB 12-30:	Installation of cut-out valves in bilge injection line and operating gear for same, also main injection valves.fws estimated increase in cost.D	

1918

9 ✓

IDAHO: VALVES

Number.	Date.	From or To—	Subject.
293338	3-27	Inspr NYS	One inch relief valves - fwds plan. D
293244	3-27	Inspr NYS	Automatic pressure regulator for air to crews galley - fwds plan. D
295738	4-6	Inspr NYS	Schutte-Koerting closing emergency shutout valves for main steam line urgently required. NYS--reqt S&K valves be expedited. 4/8 To Schutte & Koerting--Inform present state of orders for NYS. 4-9 NYS - 4/11 - D Schutte-Koerting Co. - expect to make shipment of valves within 2 weeks. To NYS--Gives action being taken 4/13 To S&K Co--Ask if cannot better delivery. 4/13 Schutte-Koerting Co. - Will complete valves April 27th. SC 4-17 S&K Co--T-states working overtime to complete valves. 4/20 To S&K--insist valves be shipped at once. Evident indifference in keeping numerous promises seriously delaying ships completion. Wire answer today. 4-19 To S&K working Saturdays Sundays and nights in order to complete valves. 4-22 Schutte-Koerting Co - reports on shipment of valves - 4/29

IDAHO: VALVES. 563 - 20

Number.	Date.	From or To—	Subject.
302266	4/29	Phila	High pressure valves Schutte-Koerting Co - reports auth rizing shipment - complete test to be made at Works of NYS - D To - No objection to the tests being conducted at Works of NYS. 5-2
305946	5-10	Inspr NYS	Fwds blue print showing steam coils and lubricating oil settling tanks on. Also blue print showing automatic pressure regulator. 5-11
314866	6:8	NYS	Additional Gear valves for main feed discharge piping. Repts Chapman Co be directed to supply same. D To Chapman Valve Mfg Co., supply valves as per order 5-10 Chapman Valve Mfg Co - Status of work on valves. D 6-11 To (2) - re shpt composition gate valves, 6-17 Inspr NYS - T - Contractors prefer 4 1/2 inch valves. D 6-18 To Chapman Valve Mfg Co., T, Valves not acceptable, 6-20 Chapman Valve Co - states have never made 4 1/2 inch valves before - are proceeding w th order - 6-21 D To Inspr Camden enclosing copy of Chapman Valve Mfg Co's letter 6-20

IDAH0: VALVES.

1017

Number.	Date.	From or To—	Subject.
✓ 254330	10-29	To NYS	Main feed pump discharge valves and governor valves, type of former and method of piping latter to pump discharge. Commentson plans. D NYS - states valves should be considered an extra - 11/20 - D To - Re expedition of fitting of check valves. 11-28
✓ 259220	11/6	NYS	Valve body - request Penn Sea Bd Corp be directed to expedite material to Schutte-Koerting SC To Penn Seaboard Steel Co. - Repts expedition of castings to Schutte-Koerting Co. 11-9 Penn Sea Bd Steel Casting Co 11/12 SC
259219	11/6	NYS	Valve body - request Penn Sea Bd Corp be directed to expedite material SC G To Penn Seaboard Steel Corp - Repts expedition of castings for NYS. 11-9 Penn Sea Bd Steel Casting Co - 11/12 SC
259497	11/8	NYS	To - Penn S O Co. reports casting ready for inspection on the 11th. 11-12 Steel castings for valve bodies and bonnets submits list of steel castings ordered from the Federal Steel Foundry Co urgently needed SC To Phila and NYS - fws letter re castings. 11-9 insp Phila - 11/13 SC
✓ 264678	12/1	NYS	Fws letter from contractors reporting delay in delivery of steel castings for valves from the Federal Steel Foundry Co - SC To Fed Steel Foundry Co. - Directs inform. By reason for shipt of only 2 castings last week. 12-3 Federal Steel Foundry Co - gives date when expect to make delivery of forgings - 12/5 SC To - Quotes letter from Fed Steel Co / 12-8 NYS - fws copy of letter from contractors reporting castings still due - SC To Fed Steel Castings Co. - Repts expedite delivery to NYS of castings 12-27
OVER			Federal Steel Fdy Co. protest against criticism. 1/2 To - Quoted information from Fed Steel Co. 1-5 NYS - Delivery by Schutte-Koerting unsatisfactory - 1/10 SC To 381 1/10 S-K - 1/18 SC To 1-23 Schutte & Koerting Co - Reqt reply SC. 2-19 To Penn Seaboard Steel Co - Advise shipt to S-K co. 2-23

IDAHO: VALVES.

Number.	Date.	From or To—	Subject.
281958	2-	Insp. NYS	Fwds. plans proposing swing check valves on main feed discharge from pumps. D.
254678		OTHER SIDE	Penn Seaport Steam Corp. Will have material ready for inspection March 4th. SG -26
288881	3-12	NYS	Trap for incinerator drain - fwds print. D
291783	3/21	NYS	State valve for water service in engine room and shaft alley were ordered rough instead of polished - DR
		To- Requirements for brass fittings is waived. 3-27	

1917

IDAHO: VALVES.

Number.	Date.	From or To—	Subject.
✓ 231433	6/1	NYS	Distant control for steam stop valves - increase cost D To—Change as pvd. 6/4 To Gen Insp—6/4
233916	6/15	NYS	Non-return valve for turbine drains - Dwdc prints D
✓ 234512	6/19	NY.	Steam trap for drains over turbine glands - Dwdc prints D
234645	6/19	NYS	Manifolds for steam to glands and turbine drains D

✓ Number.	Date.	From or To—	Subject.
	7/17		Relief valves for steam to crews galley To—Plan appvd. 7/17
240094	7/23	NYS	Relief valve for steam to crews galley D
246502	8/26	Bd on Changes NYS	Omission of automatic self-closing valves on fuel oil service system R Fwd Sol—9/1 R B 9/10
226503	8/28	Bd on Changes NYS	Fitting distant control for steam stop valves on fuel oil service and booster pumps II Fwd Sol—9/1 R B 9/7
255135	10/15	NYS	Fwds copy of letter from Shipbldg Co reporting steel castings for valve on order Federal Steel Fdy Co are urgently needed. SG Fwd Phila—10/18 R B 10/26 with detailed report of the Federal Steel Foundry Co - SG To— Encloses letter from Federal Steel Foundry Co. giving proposed date of shipmt of steel castings for. Please return to files of bu. 10-26 NYS 10-26

IDAHO VALVES.

Number.	Date.	From or To—	Subject.
✓ 21244	1-24	NYS	Deck operating gear for cutout valves in fuel oil lines; fws estimated increased cost.D To Gen Insp—1/27 To Change Appvd. 1/27
212837	1-26	NYS	Distant control for steam stop valves, fuel oil service and booster pumps; tracing; To—Plans Appvd with comment. 2/10
212834	1-25	NYS	Steam throw stop valves and operating gear; tracing; To—Plans Appvd. 2/2 NYS - fws print 12/24 - D
✓ 216139	2-27	NYS	Extension of operating gear for Bilge Injection valves; est. inc cost.D. To—Change Appvd. 5/1 To Gen Insp—5/1
✓ 216319	2-20	NYS	Omission automatic self closing valves; dec cost.D Est Sol—Rec Appvl. 3/2 RB 3-8 To—Change Appvd. 3/10 To Gen Insp—3/10
217457	3-8	Union Water Meter Co	Chronometer valves; request specs covering D To—Fws specs. 3/10
✓ 221802	4-9	NYS	Vance steam traps; plan.D.
✓ 222508	3/20	NYS	Throttle and emergency governor valves for in steam line; arrangement in detail; fws prints D To—Plans Appvd. 3/24 NYS lists plans that will be eliminated due to omission of 5/4 To—5/7

IDAHO VALVES.

Number.	Date.	From or To—	Subject.
✓ 223968	4/16	Insp. Phila	Momel metal castings - fwds results of physical tests 3 To Pitts—Waives deficiency. 4/21
✓ 224967	4/26	NYS	Steam and exhaust valves in engine rooms, operating gear for - fwds plans D
226210	5/2	NYS	Installation of cut out valves in bilge injection line - change in cost D To Con Instr--5/7 To--Change appvd. 5/7
226135	5/11	NYS	Operating gear for boiler stop valve - fwds contractors comments on Bureau instr- uctions for reducing number of beveled gears D To--Appvs. 5/15
✓ 226546	5/15	NYS	Distant control for steam stop valve arrangement and details - fwds print D
230025	5/23	NYS	Steam traps - fwds plans D

1916

IDAHO: VALVES.

Number.	Date.	From or To -	Subject.
✓ 208095	12/9	Exp Sta	Copy of letter to Consolidated Safety Valve Co., stating SE will furnish copy of report of test.D
✓ 208253	12/11	Consolidated Safety Valve Co	Safety valves; request authority- copy of Exp Sta's report.D To--When received will fwd copy. 12/12 Co ack 12/13
✓ 208806	12-15	Exp Sta Test 758;	Safety valves; Consolidated Co. Reports.D To Consolidated Safety Valve Co--Fwds copy of report of test. 12/16 To NYS--Test satis; directs inform contrs. 12/16 To--Will furnish info for the valves of any particular vessel when so reqtd. 1/24
✓ 208962	12/22	To NY	Directs stop valves in at 11:15pm to fuel oil. 12/22 NYS have requested contractors to expedite reply 1/17
✓ 209960	12-27	NYS	Overflow valve from feed and filter tanks; fws tracing changes table of relief valves.D To--Disappvd plan. 1/3

IDAHO: VALVES. 563-20

Number.	Date.	From or To--	Subject.
210941	1-8	NYS	Valves; metallic packing for.D To--Plan appvd. 1-12
211074	1-8	NYS	Operating gear for stop valves; fwd tracing.D To NYS--Plans appvd. 1/16
211133	1-10	NYS	Safety valves; copy of letter to exp sta forwarding quotation from letter of B&W Co probably due to misinterpretation of Govt Formula.D To--Plan appvd. 1/19 NYS reports change in number of plan 2. 23
211187	1-8	NYS	Operating gear for valves on main steam lines; first plans; tracing.D To--Plans appvd with comment. 1/16
211333	1-11	NYS	Relief valve after auxiliary exhaust main and dynamo condensers; fwd tracing with comments.D
211743	1-15	NYS	Operating gear for main bilge injection valves; tracing.D To--Plans appvd. 1/24
212175	1-22	NYS	Relief valves for steam piping to ice machine and evaporators; fwd plan for comment.D To--Plan appvd. 1/27

IDAHO: VALVE.

Number.	Date.	From or To—	Subject.	
190910	6-14	NYS	Relief valves for auxiliary exhaust to dynamo condenser; fws plans DR To-- ~~App~~ Disappvs. does not conform to specifications. 6/22	
191471	6/22	To NY	ARIZONA; relief valve for auxiliary exhaust connection to condenser; rect plan of be fwd to NYS for use on IDAHO and copy to Bu	529-20
193350	7-12	NYS	Cannot test compartments unless gate valves are fitted in vapor pipes	563-8
194400	7-25	To Gramps.	Handwheels for valves; auth acceptance of.	9
✓ 195514	8/2	NYS	Miscellaneous relief valves; fws plans D To--Appvs. 8/12	
✓ 195509	8/2	NYS	Bilge and valves in engine rooms; fws tracings D To-- Appvs with modi and comment. 8/12	
✓ 195813	8/4	NYS	Deck operating gear for boiler stop valves; fws tracings D To-- Appvs with modi and comment. 8/15	
✓ 196364	8/12	C&R	Handwheel; boiler safety valve easing gear; recommends moving closer to bulkhead D Retd--Comments on. 8/14	

IDAHO: VALVES. 563 — 20

Number.	Date.	From or To--	Subject.
✓ 196429	8/9	NYS	Easing gear, boiler safety valves; arrangement and detail plans; fwds; objects to moving walls closer to bulkhead. D To--appd with modification 8/18
197009	8-15	NYS	Relief valves; plan. D To -- appvd 8-23
200867	9-28	NYS	Self closing valves for use between cruising turbines and ahead turbines; fwds tracing D To--Plans appvd with modification and comment. 10/11 NYS reqt reconsideration 10/20 To--Reconsiders and appvs plan as originally submitted. 10/24
✓ 205054	11-9	NYS	Monarch gate valves; request loan of Bureau tracings for making finished plan. D To--Fwds prints reqtd. 11/11 NYS fwds plans 11-14
✓ 206285	11-22	NYS	Operating gear for bilge injection valves; question of cognizance between C&R and SE. D To--All work under SE. 12/1
✓ 207003	11-26	Pug Sd	H-1; calibration of; fwds W
✓ 207002	12-1	Exp Sta TEST 758	Safety valves; replim report. D
207002	12/2	To B&W	Exp. Sta report on Test #858. Accept of safety valves appvd. Directs bring quotation from report to attention of manuf's. D
✓ To--Directs disposition of. 12/9		advise Exp Sta as to of. 12/9	To NYS--Ditto. 12/2 Exp Sta asks what disposition is to be made of valves; recommends acceptance with reservation 12/5

IDAHO: VALVES.

Number.	Date.	From or To	Subject.
168164	10-12	NYS	Standard 12" cast steel valves: plan. DR To -- appvd as mod 10-19
171266	11-8	NYS	Cast steel valves 14-1/2" Tracing. DC To -- Llys. 11/24 NYS tracing received bearing Bu's approval stamp; letter of transmittal not received 11/27 To -- Fwd copy letter 11/27. 11/30
172463	11-27	NYS	Gate valves for receiver pipes: operating gear for: plan. DR To -- Appva 12/8
177008	1-21	NYS	Bilge injection valve for engine room comaa under SE: fws tracing. DR To -- Appvs with comment. 1/27
177000	1-21	NYS	Lockin device for main injection valve: details: fws plan. DR To -- Appvs 1/27
✓ 177061	1-24	NYS	Bilge injection valves for engine room: question of cognizance. DR Fwd C&R--Comments on: 1/27 RB 2/3 To -- Comments on: 2/5
177699	1-31	NYS	Contractors request approval of Lonergan type relief valves for piping to gen set. DR To -- Appva. 2/1
178149	2/2 2/4	Hart NYS	Valves, bolts for, passed satis test.S Fwd Hart Via NYS--Auth acceptance. 2/10

563 -- 20 IDAHO: VALVES:

Number.	Date.	From or To—	Subject.
178071	2-4	To Cramps.	Valve parts; Co's order 159589; Bureau waves the slight excess of lead in. 3
179590	2-18	NYS	Relief valves for suction piping to reserve feed tank; fws plan. DR To-- Appvs with modi. 2/26
179594	2-18	NYS	Reducing valve for steam to dynamo; Foster type; fws plan. DR To-- Appvs. 2/26
179596	2-18	NYS	Relief valves; fuel oil booster pump discharge; fws plan. DR To-- Appvs with modi. 2/26
182905	3-25	C&R	Fit gate valves on bilge and injection piping. DR Fwd NYS--No action pending further information from C&R. 3/30 RB 4/1
		Fwd C&R--4/4 RB 4/12	To--Com. on. 3/30
		To NYS--Gives arrangement. 4/15	To Dept--Rec appl. add valves. 5/31 RB 4/13
182725	3-27	To Cramps. (3)	NYS orders for certain material; valves deficiency; auth acceptance. 3/27
184845	4-15	To Cramps.	NYS Co's order 167270; handwheels; auth acceptance of. 3 NYS inspector recommends acceptance 4-24
189117	5-24	NYS	Location of hand wheels for emergency boiler stop and safety valve easing gear. DR To -- appvd 6-2
189532	5-26	NYS	Suction and discharge manifold in fire rooms; fws plans. DR To--Appvs. 6/6

IDAHO: (NEW) VALVES.

1014

Number.	Date.	From or To—	Subject.
141813	12-10	NYS 3140-3881	Standard valves and hand wheels; reqt approval. D To-- Appvs. 12/12
148104	2-23	NYS 572-3881	Gate valve for overboard discharge; plan.D To-- Appvs. 5/2
148142	2-23	NYS 573-3881	22" main injection valve; tracing.D To-- Appvs. 5/2
152628X	4-14	NYS	18" gate valve on dynamo turbine exhaust; plan.DR
152705	4-14	NYS 1112-388	Sea valves 9"; fwds tracing. DR To-- Appvs. 4/22
153289	4-23	NYS 1205-3884	Main circulating pump suction sea chest; fwds plan showing injection valve, etc. DR To-- Appvs. 4/28
156044	5-25	NYS 1494-3859	Safety valves for boilers; Consolidation Co. Fwds print. DR To-- Appvs with comment 6/4
156820	6/4	NYS 1617-3884	22" safety sluice gate valves; fwds tracing. DR To-- Appvs. 6/11
158450	6-18	NYS	10" exhaust valve dynamo turbines; plan.DR To-- Appvs. 6/25

563 -- 20 IDAHO: (NEW) VALVES:

Number.	Date.	From or To—	Subject.
✓ 160067	7-9	To NYS.	Automatic self-closing control valves for fuel oil service; directs omission of. N
160948	7-16	NYS	Valves for boilers; combined main and auxiliary: fwsd plan. DR To--Appvs. 8/2
163129	8/10	NYS 2188-3881	Miscellaneous gate valves; fwsd plans. DR To -- appvd 1-20
164893	9-1	NYS	8-1/2" high pressure valves; tracings. DR To-- appvs. 9/9
165344	9-20	NYS	Standard 3-1/2" high lift valves; fwsd plan. DR To--Appvs. 9/15
✓ 166247	9-17	NYS	Governor valves for main feed pumps; Ideal type; plans. DR To-- Appvs. 9/27
✓ 166492	9/22	NYS	Misc. gate valves, Monarch type; fwsd list. DR To-- Appvs. 10/2
✓ 167063	9/29	NYS	Gate valves for receiver piping; fwsd print. DR To-- Appvs. 10/6
167778	10-7	NYS	High lift sec valves; plan. To--Appvs. 10/14
168162	10-12	NYS	Standard comp 7" valves; fwsd plans. DR To -- appvd as mod 10-19

IDAHO: ALLOWANCES

1922

Number.	Date.	From or To—	Subject.	
✓ 638248	8/23	To CO	Ship's rqn No 191 estimates cost of crank	Ya
✓ 639768	8/31	To CO USS IDAHO	Change in allowance list on USS IDAHO Ya To Comdt Pug Snd- Change in allow list 9/1 Ya CO 9/13 Y To CO- Requests amendment of changes of EO SO vessel- Pug Snd- Mgr- SO 18/18	
✓ 639766	9/1	To CO USS MISSISSIPPI	Change in allow list on. Ya To Pug Snd Change in list 9/1 Ya To CO Requests amendments be made co EO vessel CO Vessel- Pug Snd Mgr- SO Ya	10/18
✓ 644849	10/12	To USS IDAHO	Changes in allowance lists. Ya co CO Pug Snd.	

IDAH0 :ALLOWANCES

1920

Number.	Date.	From or To—	Subject.
555777	12-20	To CC	Gives list of changes in allow list cc CC SO ves To CC Gives action 12-20 To CC Addnl allotment authd cc S&A 2-1/21
555361	4/5	To CC	Gives Changes in allow list cc E060 Ves E SO Pug Snd Y
555587	5:23 5:25	CC Plac Btlship Force	Request allowance list of elec fans be increased by 5.Y 3/21 CC Gives Change in allow cc CC SO SO EQ Pug Snd
555210	5:31	CC	Approved in statement of 1/1/21
598706	12/6	To CC	Quarterly money allotments Recast inform rel ex- penditures of 12 CC 12/29 Y
552226	12/23	CC IDAH0	Last addtl money allotment to made cov to CC Allotment authd 1/1/22

563-21

N. Eng. 134

IDAMC ALLOWANCES

19

Number.	Date.	From or To--	Subject.
608163	1/8	To CC	Gives amendment of allowance cc BU SC Vessel-Current-1/8 and 7/8 CO 12/17- Allowance list amended. 2/17 Y To CO CHANGE #4-corrects allow-list-2;24-Y
631276	6/30	CO	Annual inventory Y
631868	7/15	To CO	Gives change in allowance cc BU SO yard- Vessel L
633324	7/1	CO	Fwd's balance sheet title B equipt. quarter ending 6/30.Y

N.S.E Form 134.

ID HO: ALLOWANCES

Number.	Date.	From or To-	Subject.	
✓ 523601	6-5	CO	Regt stud drivers be added to allowance list. To CO- Gives additions for allow lists. E.O. Vesela and E.O. & S.O. Ny. 6-9	Y copy to
4 3855	6/25	CO	Regt 1 bridge legger be added to allow- To CO- list. To obtain the Bridge Legger.	563-2 7-3
✓ 457126	11/8	NYS	Copy of letter to NY regsting disposition of spare parts not carried on board - 1	
457272	11/4	CO	Regt amendment of allowance list covering oil cooler tubes - 1 To- Gives amend ents to allow lists. copies to E.O. S.O. Of vessel. and E.O. & S.O. Pug Bd. 11-14	
1920				
469358	1-15-20	To CO	Fwd Blank allow lists. Y	
To CO Fwds a Pug Bd-11:30-Y		vd Allow list 9-13	To Pug Bd- Regt be notified of receipt of allow lists 9-13	
474651	2-9	To CO	Pug Bd-12:9-Y Gives changes for elec lists. copy to E.O. & S.O. Vessel and Pug Bd. L	

563-21: IDAHO; ALLOWANCES;

Number.	Date.	From or To--	Subject.
479613	no date 2:27	CO Pac Flt	Request thermometers listed be added to allowance list.Y
		To PAC FLT-Changes in allow lists made.3-27 To CO- Directs prepare reqn for necessary thermometers. copy to PAC FLT. 3-29	To CO- Gives additions for allow lists. copy to E.O. & S.O. vessel & Pug Sd. PAC FLT. 3-27
483373	3:17	CO	Request SE allowance list be amended to include gauges listed.Y Fwd PAC FLT. 3-27 RB-4:27-D&Y To CO- Gives additions to allow lists. copies to E.O. & S.O. vessel and Pug Sd. 5-3
489577	4/17	CO To CO-- Gives list of material aded to Elec allow CC SO IDAHO EO Pug Sd SO Pug Sd 5-29 To CO Regst detld inform re bearing. 6-16.	Recommendations covering amendment to allowance list - Y To CO- Gives changes for elec allow. copy to E.O. & S.O. vessel and Pug Sd. 4-30 To CO- Gives additions to allow lists. Copy to E.O. & S.O. vessel and Pug Sd. 5-5 CO - states what bearings are reqd for - 5/19-Y
494525	5:6	CO IDAHO	Request one computer slotting tool and one hundred slotting saws be added to allow list.Y to--disappvd 5-24.
✓ 503233	6:22 8:30	CO Pug Sd	Request information re shipment of spare parts for turbines, propellers and rollers Y To C-I-C Pacific Fleet Gives detld inform CC C-I-C Alt Fleet-CC PENN - IDAHO 7-8
506732	7:10 7:21	CO C-I	Request special allotment covering matl listed.Y Fwd SCA. via C&R. 7-26
506377	12		Fwd 1-16 Y CO-fwd expenditure voucher-1:11-Y

IDAHO: ALLOWANCES

1919
DUPLICATE

4 ✓

Number.	Date.	From or To—	Subject.
373317	1.13.19 3.15	Ins. NYS Phila	NYS CO req. amend allowance to call for imp- allers 1/5/19 RA To Inspr NYS amendment of SR allowance 1-10
389616	1.28 2.12 2.13	Ins. NYS NYS	Req. copies of allowance report be fwded RA To- Fwds 4 copies latest type Elec lists. 2-8 Ins. NYS tel. allowance books urgently needed 2-10-19 RA To Inspr NYS- 2-20
392188	2/5	Ins NY	Recommends spare parts listed be added all- lowance list W 563-6
378868	12/17	Ins. NYS	Req. all Sperry publications be supplied to IDAHO. 754
400780	3.5 3.7	CO Ins. NYS	Req. amend allowance list to include gas analysis outfit and fuel oil testing outfit To- Lists amendments for allow lists. 3-14 copy to S.O. and S.O. E.O. Home Id.
403310	3.15 3.21 3.24 3.25	NY NYS NYS NYS	Fwds contr. let. relative to omission of set of armature coils for turbo generators from allowance To Inspr NYS- Directs omission of one set of armature coils etc. copies to E.O.&S.C. NY and E.O. S.O. Vessel. 3-22
Allowance list turbo generators.			
403776	3.17	Ins. NYS	Fwds contr. let stating lead shipping outfit for strg. bat. will not be included in allowance To Inspr NYS- Binding material and insulation will be omitted with the Armature coils previously dropped from Allowance. 3-29
To- Omit one lead burner outfit for storage battery from page 12. copies to E.O. & S.O. IDAHO AND E.O. & S.O. NY 3-24			

N.S.E. Form 134.

IDAHO: ALLOWANCES

Number.	Date.	SEE BELOW From or To	Subject.
405347 ⁶	3-24	Inspr N.Y. Ship	Recommendations for modification of allowance list covering spare parts for general alarm going motor generator Y&R
"P" will be finished. 4-1		To - Inform when new elec list type	To Auth cancellation of all spare parts Yd. 1 sted under General Alarm motor generators
To - Fw. elec list	3-16	SEE BELOW	Req. add 3 sets of boiler makers tools to allowance list Y
406882	3:29	CO	To CO- Lists changes for lists. 4-1 copy to E.O. & S.O. NY
406955	3:21	Ins. NYS	Spare parts stores and tools fwds list of D&Y
414551	4:21	CO	Req. air hose be added allowance list Y
414505	4:21	CO	Req. amendment allowance list to include thermometer listed Y 563-2
			To CO- Lists amendments for allow lists. copy to E.O & S.O. of vessel and NY yd.
405346	5-9	SEE ABOVE	To Inspr NYS- Repts delivery of books be expedited. 5-9
	To CO- Fwds all yd lists. 5-27		To Inspr NYS- Lists change in allow to be made. 5-24
	CO- 8:17	and CO 8/29	

IDAID: ALLOWANCE

1918

Number.	Date.	From or To--	Subject.
288581	3-9	Phila	Allowance, mill cutters, etc. Asks where catalog numbers were obtained. RA Wd Phila. 3-14
299546	4-17	Phila	Asks catalog referred to in allowance list. RA To -- Repts copy so let 3-9-18 4-23 RB 5/1 To - Numbers of mill cutters are taken from Brown & Sharp catalog 5-2
299598	4-23	To CO, SO's and Yds	Change SE elec allowance in accord with approved lamp list as listed 4-23 LR
305862	5/2 5/8	NYS Phila	Change in allowance list covering boring bars -RA
313640	6/1	NYS	Reqs plan showing vertical simplex featherweight air pump & also list of spare parts and special wrenches for - D
348456	9-27	NY ship Ins.	Req. tube gears be supplied for government

Number.	Date.	From or To—	Subject.	
316497	6:13	Inspr NYS	Fwds spare transmitter weights distilling air pumps	
343165 Inspr. New York Ship Oct. 28 - Will fwd revised book within few days	6-28	NYS	Recommends changes in electrical allowance list - RA To Ord. Re S & E Elec allow list 9-16 To Insp. NYS Re S & E Elec allow list 9-23	
347237	9-9	Ins NY	Allowance list. rec. blank. To Insp. NYS Fwds allow books. 9-21	
347258	9-9	In. NY	Storage battery testing satisfactory. additional to allowance. L To Insp. NYS change S & E Elec allow list 9-17	
354911 1	10/2	NYS	Store batteries asks spare parts to be shipped	563-5
357562	10:10	Ins. NY Sn	Rec. allowance list for increase to include additional set of thrust rings for each size of adjusting block for variation of RA and minor changes in S & E Elec allow list	
370153	11-18	New York Ship	Request authority to amend S&E allowance list	RA

IDAHO: ALLOWANCE.

1947

Number.	Date.	From or To—	Subject.
259168	11/7	NYS	Electrical allowance - recommends changes in parts for indicators - RA & L To- and Eng Off-Phila-Supply Off Phila- Lists changes for allow books. 11-14
259814	11/9	NYS	Request instrns re number spare flanges to be furnished - RA To- lists spare flanges needed. 11-13
261072	11/15	NYS	Contractors state all items under titles B of allowance lists have been ordered RA
261073	11/15	NYS	Recommend changes in allowance list - RA To- lists amendments for allow lists. 11-20 NYS - fws allowance 12/12 R To- Acknowledges receipt of allow book. 12-15
263191	11-27	To NYS	Allow books-pages for. fws and copy of page 27 and 4 copies of page 81. 11-27 R
265574	12/5	Phila	Request copy of allowance list - RA To NYS - aqt fwd above copy. 12-8
265702	12/6	NYS	States allowance books have been changed to call for target fuel and equipment. R To- 150 dry cells will be furnished Grether lanterns by the government. 12-11

IDAHO: ALLOWANCE. 563 - 21

Number.	Date.	From or To-	Subject.
266923	12/12	NYS	Calls attention to error in allowance book calling for testing apparatus of four separate shunts - To- Your assumption correct. 12-17
273222	1/11	NYS	Recommends omission of armature grinding tools from allowance - R To- Gives changes for. 1-17
275140	1/19	Phila	Asks type of portable safety lanterns to be supplied. R (Cross to 683--5) To- Allow calls for 30 float type and 50 Grethor portable elec lanterns with all spare parts to be furnished by government. 1226
280156	2-6	Phila	Request addition of certain items not in standard stock catalog; asks if stock to be maintained. R (689-15) wd. 2-14
280993	2-11	NYS	Recommends addition of truck light controller to allowance list. R To- Gives changes for allowances. 2-20

I O: LIO LBS:

Number.	Date.	From or To--	Subject.
~~10134~~	~~2-26~~	~~---~~	~~elec. allowance 2/29 prepar---~~
192785	7/7	C&R	Location of elec stowage repair shop and elec supplies and issuing room. L Retd-- Comments on: 7/10
205880	11/20	To NYS	Fwds 2 copies of SE and 2 copies of SE Elec allowance blanks. R
207685	12-7	NYS	Elec allowance list; fwds. R NYS fwds elec allowance 1/6
214929	2-15	NYS	Spare parts; fwds list of those disputed by contractors. D To--Gives action on. 2/17
216005	2-26	NYS	Request loan of ARIZONA list as guide in making up. R To--Fwds Bu copy. 3/20 NYS request additional blanks 3/21 To--Fwds blank allow. 3/28 NYS returns ARIZONA'S 4/2
223200	4-16	NYS	Allowance list elec; submits proposed changes. R Fwd--Gives action on. 5/2 R B 7/16 NYS - Allowance list not received 5/22 L To--7/21

IDAMO: ALLOWANCES.

Number.	Date.	From or To—	Subject.
223047	5/7	C&P Fwd S&A via Ordnance- 10-13— ~~S&A~~ Fwd C&R-11-13	RB-11/2 permits proposed for allowance titles. Y-R Fwd C&R via Ord S&A--5/18-RB-10/10 with To NYS--Fwds allow.5/23 gen suggestions and to method of determining actual weights for new vessels-NDL (Cross to Weight card)
241775	8/3	To IIS	Gives changes to make in allow. LR
247435	9/5	To NYS	Reqt submit allow list. R NYS will forward by the 22nd 9-13
248289	9-13	To My Ship.	Change of SE electrical allowance books. 9-13 NYS--9/19. To--Gives change to make in allow.9/22
248456	9-13	To My Ship	Reqt that contractor submit list of spare parts and tools for approval. 9-13 NYS - fwds allowance book - 9/27 R To- Returns allow lists. 10-22 NYS - 10/25 R
252728	10/3	NYS	To- Fwds copies of allow lists. One page which was omitted. 10-31 Recommends changes in allowance list - R To--CO Phila--Gives changes to make in. 10/10

IDAHO: WHISTLES.

Number.	Date.	From or To—	Subject.	
✓ 208738	12-13	NYS	Steam siren; twds plan D To—Plan appvd. 12/20	
✓ 209433	12-20	NYS	10" whistle: plan D To—Plan appvd with modif. 12/28	
313162	6/22	Insp'r NY S	List Whistle control for Idaho. L	730
✓ 452077	10:9	CO	C&R Reqn 115 - Klaxon horns - hand operated - disapproved - recommends whistles or sirens for motors in place of.	

IDAHO: AIR COMPRESSORS.

Number.	Date.	From or To	Subject.
198488	9/5	C&R	Gas ejecting system; fwds plan. D Retd-- Plan satis. 9/8
217956	3-13	Bd on Changes, NYS	Purchase from NYS Co. air compressors; inc cost.
253826	10/9	C&R	Loc desks - asks if to be installed only in main air compressor room - D Fwd C&R--10/11
287781	3-8	NYS	Gas ejector system - have directed NYS to parallel motors to avoid overloading of either machine - similar work done on MISSISSIPPI D NYS - Parallel motors auth. 3-13 NYS - fwds print. 1 3-29 To- Plan apvd. 4-2
315852	6/5	YS	Fwds also print showing power system 3rd deck aft in connection with cross connection for air compressors - L (Cross to 5)
414509	4:21	CO	Blake & Knowles air compressor submits report of unsatis. condition of and ask if Company will replace parts D&Y To- fwds copy of Worthington letter. 5-7th. 5-10
To Worthing Pump Co- Reqs supply new parts for pump. Fwds letter from CO. 5-1 copy to CO. Worthington Pump Co 5:7			

Number.	Date.	From or To—	Subject.	
452772	10-16	Inspr NYS	Compressed air system; connections to evaporator room and electrical steering gear room - from. Estimate of increased cost.	D
464442	12-16	Inspr NYS	Compressed air system-connections to evaporator room and electrical steering gear room- from	
	Fwd Solicitor. 12-26	RB-1;2	estimated increase in cost.D	

IDAHO: AIR COMPRESSORS:

Number.	Date.	From or To--	Subject.	
135350	1-5	To NYS.	Desires specifications be changed to provide for two additional compressors. Rect estimates on.	554-1
149794	3-12	NYS 780-M-3894	Air compressor. Blake, vertical, tandem, 2 stage, electric driven; fwsd plans of D To--Appvs with modie and comment. 3/20 NYS have renewed request on contrs for estimate 3-22	
151643	3-31	NYS 972-3834	Estimate for inc cost for 2 additional air compressors. Y To-- Change auth. 4/7 To Gen Insp-- 4/7 To--Add air compressors not required. 6/3 To Gen Insp-- Change in 6/24	
151246	4/16	C&R	Asks if installation of additional air compressor and rearrangement of compressor room will be required	562-23 554
153693	4-27	NYS 651-265	Air compressor: fwsd plan of motor controll' rs, etc. for operating. L To--Appvs with comment. 5/5	
155116	5/20	NYS	Air compressor: states ample room to remove generator. L To-- Appvs. 5/25	
155984	5-26	NYS	Spares for: fwsd list. BR To-- Appvs. 5/28	
157817	6-14	NYS	Additional air compressor: cancellation of order; sub-contractor states work well advanced fwsd NY--For comment. 6/17 RB 6/23 To NY--Auth installation 4 compressors on CALIFORNIA. 6/24 To--Auth purchase of 6/24 To--Compressors will be furnished by contr's as change in cost. 6/7	

TO NYS-- Compressors should be charged against CALIFORNIA. 1/13
 To NY--Re submission of reqn. 1/13
 To Gen Insp--1/13

IDAHO: AIR COMPRESSORS. 563-23

Number.	Date.	From or To—	Subject.
158760	6-22	NYS	Air compressor; additional; reqt early decision. DR
166269	9/20	NYS	Additional air compressors; Blake & Knowles instructed to ship to New York Yd. DR To--Instructions re marking. 9/23
175316	1-4	C&R	Gas ejecting system; test pressure 200# satis. R Repl--Satis. 1/5
183743	4/4	GE	Blake & Knowles air compressors; fwds test of elec equipment. S To-NYS--Fwdg copy test data; prelim acceptance. 4/8
186131	4-27	GEP	Air compressors; reports on elec equipment for. S. To CO-- Gives test data on. 5/5
187718	5-12	C'R	Compressors; gas ejecting system; and torpedo air cross connection plan. DR Fwd Ord--Plans satis. 5/26
188986	5-23	NYS	Arrgt air compressors, piping, in compressor room; tracings with comments. DR To -- app d as mod 6-2
198102	8-28	NYS	Compressed air system; genl arrgt; tracing. D To-- Appvs. 9/8

N.S.E. Form 134.

IDAHO: GUAGES.

Number.	Date.	From or To—	Subject.	
452770	10-16	Insp NYS	Port Shaft counter and guage board extension- Estimate of increased cost.	D
452792	10-16	Insp NYS	Installation of guage glass, forward end of center engine room, for main feed tanks- Estimate of increased cost.	D
464461	12:16	Insp NYS	Installation of gauge glass forward end of center engine room for main feed tanks- estimated increase in cost. D	
464467	12:15	Insp NYS Fwd Solicitor. 12-26 RB-1:2	Installation of port shaft counter and gauge board extension-fwds estimated increase in cost. D	
482353	3:18	Brown Ins Co	Asks where vessel is located in connection with adjustment of connecting thermometers on stacks. D&V to take up with CO when practicable for representative to visit. 2-20	
459559	4:10	Png 3d	Request action taken on pneumaticator system.	563-2
515210	8:26	CO	Request addtl thermometers for evaporators-fwds sketch. D	

563-24: IDAHO: GUARDS:

Number.	Date.	From or To—	Subject.
543955	1;17	CO	Request to have torsion meters from Un.2 and 4 shipped. To C-I-C Pacific Fleet. Request inform re removal of torsion meters cc Pac Fleet Pug Snd CO 2/4/21
598237	11/23	CO	Request detailed drawings of Bowzer oil meters D To CO-2 Pug Prints 12/8
621614	4/22 4/27	CO Pac Fleet	Report covg condition of torsion meters upon being removed. D To C-I-C Pacific Fleet approved cc Pug Snd 5/12
634844	9/27	Pac Fleet	Fwds letter from CO IDAHO stating guard 658-5 for gauge glasses on boilers unsatisfactory D

1918

Number.	Date.	From or To—	Subject.
379634	12:14 12:21	NY C&R	Request drawings of supplementary cont. to pneum. Co covering equipment required for 2 additional fuel oil tanks for indicating and annunciating systems on D
379708	12-18	Inspr. NYShip	Fwds copy contractors letter stating pressure gauge have been awaiting inspection since Nov. 27
✓ 380368	12:24	NYS	Unsatisf. pressure gauges furnished by Ashcroft Mfg. Co., fwds rep on D
379780	12-26	Fwd Inspr Hartford	Pressure gauges for inspection of. Repts insp Oct at once. S R B 12:30 Fwd NYS 1/2/19 R B 1:6
✓ 406160	3:26	Ins. NYS	Traction meters in connection with rubber pads for D To Insp NYS- Bur approves omission of rubber for card holders 4/4

IDAHO: GAUGES

Number.	Date.	From or To--	Subject.
419375	5:17	NY	Cummings stop clock in engine room. not giving satisfaction D To Cummings Ship Instrument Co- Reqs put instruments in proper order. 5-20 Cummings Instrument Wks. 5:22 to CO- Reqs ship instruments to Cummings CO for overhaul. copy to Cummings Co. 5-28 60 copy of letter to CUMMINGS and g clocks for overhaul 6:11 D
✓ 427362	6:20	C&R	Memo of telephone conv. with Pneumacator Co in connection with urgent repairs to pneum. sys V To C&R- 6-26
432557	7/14	Insp NY Ship	Notification in testing of C&R S. 7-14 instruments. Sub's estimate of decreased cost. And Solicitor/ 7/24 7-31
✓ 440370	8:18	Inspr NYS	Copy of letter to NY in connection with overhauling and repairing numeracator system on board.D
✓ 447555	9:29	CO	Request alterations to torsion meters installed to main shafts.Y

IDAHO: GAUGES

Number.	Date.	From or To—	Subject.
✓ 223844	4/19	Insp. N.Y ship	Indicator thermometer for uptakes-fwds To NYS— ~~7/27~~ 7/27
✓ 225679	4/30	NYS	Fuel oil service system; Bowser meters; fwds prints. D
✓ 238146	7/12	NYS	Fuel oil service system - Bowser oil meters - fwds prints D
✓ 239041	7/16	NYS	Arrangement of pneumaticators and connections for fuel oil tank - fwds prints and copy of correspondence D
239041	7-26	To NYs	Plan showing argt of pneumaticators and connections for fuel oil tanks appvd. D NYS—7/27D To NYS--7/30

IDAHO: GAUGES:

1915

Number.	Date.	From or To—	Subject.
149229	3-9	NYS	Pneumazator system: DR To-- Instructions. 3/12
161945	7/28	NYS	Counters and indicating devices for main engine; rect approval of DR To-- Appvs. 8/3
✓ 179060	2-12	Harrison Safety Boiler	Wks. Re installing Cochran Precision meter for measuring water. D To NYS-- Rect conf's submit estimate for installation. 2/15
✓ 190787	6-14	NYS	Cochran precision meter for distilling plant; estimated increased cost. DR Fwd Dept-- Rec installation be made. 6/22 RE 5/26 To-- Change appvd. 6/28 To Gen Insp-- 6/28
191329	6-19	NYS	Stowage space for fuel oil and gas analysis apparatus; water testing outfit, etc. fwd print. DR To-- Appvs. 6/27
✓ 199800	9-19	NYS	Cochran distiller meter; fws plan. D To-- Appvs with comment. 9/25
✓ 202807	10/18	NYS	Gauges for aligning shafts; prints. D To-- Plan appvd. 10/26

IDAHO: GAUGES: 563-24

Number.	Date.	From or To—	Subject.
206092	11-20	NYS	Pressure and vacuum gages; specs and requirements for; asks if must be forwarded to NY for test.D. To—Instrms. 11/25
211309	1-9	NYS	List of gages; fws tracing.D To—List appvd with modifs and comment. 1/18 His fws mod list. 2-1 To—NYS list. 2/10
211306	1-10	NYS	List of ~~term~~ thermometers and plans.Fwd.D To—Appvs list. 1/17 NYS request action 1/27 To—Fws list and also print. 1/30 NYS request additional plans 1/31 To—Fws appvd thermometer list. 2/5
213346	2-2	NYS	Substitution of single for duplex gages fuel oil meters and heaters. To Gen Insp--2/5 To—Change appvd. 2/5
215787	2o20	NYS	Substitution of 1-1/2" fuel oil meters on in lieu of 4"; plan and estimate.D NYS (T) request immediate action 3/6 To—(T) install referred to Dept for vl. 3/7 To—Dept. Avl urgently rec. 3/7 3-14 NYS asks disposition to make of 3-14
217958	3-13	NYS Fws memor. num of shipment Bd on Changes. NYS	Substitution of 4-1/2" single for 6" duplex gages for feed water heaters. inc cost.N
217961	3-13	ditto	Installation of Cochrane precisionmeter for measuring the condensate from the distilling plant; inc cost. N Fwd Sol--Rec appv1.3/16 78 3-23

IDAHO: RECORD OF WORK:

Number.	Date.	From or To--	Subject.
✓ 422327	8:1	CO	Quarter ending June 30.Y
✓ 450665	10-1	Puget Sound	Quarter ending 6/30. Y
452047	10-1	CO Vestal	Quarter ending 9/30. Y
✓ 469750	1:1	USS VESTAL	Quarter ending December 31st.Y
✓ 489037	4/1	VESTAL	Quarter ending 3/31 - Y
✓ 489782	4:1	CO	Quarter ending March 31st.Y
507629	7:1	CO VESTAL	Quarter ending June 30th.Y
✓ 507651	7:1	CO VESTAL	Quarter ending June 30th.Y
✓ 523961	10:1	CO VESTAL	Quarter ending Sept 30th.Y

IDAHO RECORD OF WORK

1921

Number.	Date.	From or To	Subject.
542288	1-3	CO VESTAL	Quarter ending 2/31 Y
557605	3;31	CO VESTAL	Quarter ending 3;31.Y
560218	4;1	CO	Quarter ending 3;31.Y
575643	7/1	CO VESTAL	Quarter ending 6/30 Y
590665	10/1	CO VESTAL	Quarter ending 9/30. Y
592727	10/1	CO	Quarter ending 9/30 Y
605757	1;1	CO VESTAL 1922	Quarter ending Dec 31st/Y
606483	1/1	CO	Quarter ending 12/31.Y
619253	3/31	CO	Quarterly inspection report.Y
632430	7/1	CO	Quarter ending 6/30. Y

Number.	Date.	From or To—	Subject.
644830	7/3	97	Cylinder block Y
642689	9/19	Pug Snd 157	Mirrors Y To Pug Snd - survey appvd cc NY 10/5

Number.	Date.	From or To—	Subject.
532024	3/18	PS 18/12	Gen. r. Cylinder, Piston Y
534484	6/17	MI 137	Storage battery L
576095		<u>SEE CARD 3</u>	To Van Blerck Motor Co. Request inform re reverse gear type of 9/27 Ye Van Blerck Co-submits list of Bureau numbers engine numbers and type shipped-9;29-Y X to 611-2 ✓ Re-request inform 10/8 Van Blerck Co-submits quotations-10;11-Y Van Blerck Motor Service Co.- 60 days required to get material together-12/1 Y To Van Blerck Motor Svc Co-ack receipt of inform 12/8
588457	9/21	Comdr 30	Cam shaft Y To CO Request serial number of engine 10/7 CO 11/23 Y
593615	9/8	34	Searchlight Mirror L
595723	10:28	CO PENNSYLVANIA 47	Cylinder block, piston, crankshaft, etc. Y

563-27

N. Eng. 134

IDAHO SURVEYS

1921

Number.	Date.	From or To—	Subject.
597742	11/8	48	Engine Bearings Y
597743	11/10	CO 50	Batteries, Telescope Y
601230	12/1	Pennsylvania 54	Bearing, Connecting rod Y To CC Regt. Dist. A. 1/1/22 CO 2/15 Y
612356	2/20	NEW MEXICO 71	Gauge Y
612358	2/20	NEW MEXICO 65	To CC Regt. Inform rel to listed material 3/15 CO IDAHO 4/8 Further information rel to surveys Y
612533	2/25	New Mexico 80	Mirrors Y
613458	3/4	New Mexico 74	Knifoid, Reverse gear Y
614787	2/2	IDAHO 75-22	power boats engine material Y

Number.	Date.	From or To—		Subject.
~~554254~~	3/24	PS	143	Bulb Y
554257	3/24	PS	128p	Noise, Y
554258	3/24	PS	129	Pump plunger, Circulating pump Y
554261	3/24	PS	131	Hammer, Torches, Piston rod y
554260	3/24	PS	117	Electric steam insulator, Transmitting cond Y
554339	3/25	PS	134 ⁶	Stove, Gears Y
554340	3/24	PS	129	Gauges, Y
554341	3/24	PS	119	Chain hoise, Manifold Y
554337	3/25	PS	142	Buzzer set, Vacuum tubes Y
554342	3/24	PS	118	Telephone Condenser Y
554343	3/24	PS	130	Thermometer Y
569250	5/3	Sandt	365	Oil pumps Y
569243	5/7	CO	164	motion picture machine Y

IDAHO; SURVEYS

1921

Number.	Date.	From or To—	Subject.
572134	6/21	MI 166	Coils Y
578098	7/26	PS 15	Vine Y
578095	7/26	PS 1	Clutch Y
578097	7/27	PS CARD 4 4	Propeller, Piston, Wrist pins Y
578663	7/29	PS 13	Engine, Cylinder Y
578662	7/28	PS 18/22	Propellers, Gauges Y
579526	8/1	PL 22/22	Armature, Y
579529	8/1	PS 21/22	Ball bearing, Propeller, Ammeter Y
579533	8/1	PS 2	Tubes, Spark gap units Y
581782	8/16	PS 27	Circulating pump Y

Number.	Date.	From or To—		Subject.
510917	8/6	CO	7/27	Vacuum tube, Head set. - Y
510916	8/6	CO	7/31	Hauck kerosene, torch, Hose, Bearings- Y
511731	8:9	Pug Sd	51	Flexible hose.Y
511732	8:9	Pug Sd	48	Piston and cylinder block.Y
511951	8:12	Pug Sd	9	Bulbs.Y
511950	8:12	Pug Sd	32	1000 pounds calcium chloride.Y
511949	8:12	Pug Sd	19	Emery wheel torches milling cutter etc
511948	8:12	Pug Sd	10	Thermometer.Y
511947	8:12	Pug Sd	8	Vise.Y
511945	8:12	Pug Sd	37	Coils.Y
511946	8:12	Pug Sd	16	Propellers.Y

563-27: IDAHO: SURVEYS:

Number.	Date.	From or To—	Subject.
511944	8;12	Pug Sd 34	Gauges and indicator.Y
511943	8;12	Pug Sd 43	Tuning up buzzer radio blinker set,etc.Y
511942	8;12	Pug Sd 41	Storage battery.Y
511952	8;12	Pug Sd 17	Cork floats and propeller.Y
511919	8;11	Pug Sd 19	Motor boat engine material.Y
511921	8;12	Pug Sd 39	Motor boat engine material.Y
511920	8;11	Pug Sd 54	Clutch brake and gear.Y
512398	8/13	Pug.Sd. 60	KK engine Y
512990	8-17	Pug Sd. 69	To Pugst Sd. reqst report 8/24 RB-9;30-Y Coils, exhaust valves; Y
542965	12/21	NEW MEXICO 88	Propeller Y
554263	3/24	Pug Sd 132	Saw Y
554264	3/24	Pug Sd 141	Starting gear, Gauges Y

1919

16

IDAHO: SURVEYS:

Number:	Date.	From or To—		Subject.
468581	10:28	CO	22	Audion bulbs.
468580	6:24	CO	19	KK Engine pistons and connecting rods.Y
468579	9:20	CO	13	Gauges.
468578	9:12	CO	11	Gauges.
470205	1:9	CO	44	Audion bulbs and transmitter bulb.
476739	2:5	Pac Flt	50	Valve rod.Y
476738	2:7	Pac Flt	57	Engine spares.Y
476740	2:5	Pac Flt	52	Connecting rods, eccentric strap.Y
476741	2:5	Pac Flt	49	Coils.Y
476742	2:5	Pac Flt	48	Precision thermometer.Y
476717	2:5	Pac Flt	53	Gland for use on Terry blower.Y

1920

563-27; IDAHO: SURVEYS:

Number.	Date.	From or To—	Subject.
481169	2:5	NEW MEXICO 51/SE	Ball bearing.Y
481170	2:23	NEW MEXICO 62/SE	Metal slitting sawsmt.Y
481171	2:26	CO 70/SE	Vise.Y
481172	2:28	CO 73/SE	Thermometer.Y
481173	2:23	NEW MEXICO 61/SE	Flexible coupling shaft.Y
482795	3:10	CO 72	Piston for KK engine.Y
484857	3:23	Pac Flt p 77	Hose.Y
497166	5/21	NEW MEXICO 93	Pistons Y
498599	5:27	Pac Flt 96	Engine parts.Y
503323	6:15	Pac ~~Flt~~ Flt 97	starting motor for Sterling engine.Y To -- Request Report to be submitted as work 7-10. RB-8:12-Y
510462	7:30	CO	Propeller sailing launch.Y

IDAHO: RADIO.

1911

Number.	Date.	From or To—	Subject.	
116203	1/28	To Phila. & S&A.	5-kw set; contract 133; request shipment from NY to Phila. W	
✓ 116255	1-29	NY R	Wireless Spec set now under test; MARYLAND set will be shipped Feb 23. W	
116197	1/29	To S&A	Request shipment from IDAHO to PRESTON of receiving set. W	362-6
✓ 116830	2-4	Phila 538-357	Estimate for W Fwd Dept. rec appr. 2/5 To S&A. recd. 2/9. To S&A. request shipment of 5-kw set from Phila. to N. 2/9 Phila no opportunity to transfer 12-7-15	
117083	2/10	To CO via Phila.	Expedite shipment of radio receiver to PRESTON.	402-6
✓ 126632 Phila	6-6 12/18	To Phila.	Directs that new receivers be removed and old substituted if vessel is sold W To -- Asks action taken. 12/3. TO -- recd information 12-15 re MASS set, ex	
✓ 130145	7/17	Phila. T	Installation of 5-kw set completed Apr. 25th. W TO Wireless Spec Co. (T) 7-17	

Number.	Date.	From or To	Subject.	
✓ 44735	7/2	Dept 28004-1-78	Report B, engrg. trials. N&Y Fwd Dept. 8/25.	
49297	9/25	TO CO C.Dorn & Nav. Head	Re test of Dorn trap valve on. 9/25	719
			1912	
✓ 84170	12-3	Dept 280084-1-391	Eng. Comp. report "A": fws. F To Chila. Requests examine to see if caps of main engine bearings are tight. 12/6. Ret---12/9. Caps are tight: no side motion but think bearing too narrow. 12-13	
			1913	
101851	7/19	Dept	Engrg Comp. Report B.	755
✓ 108453	10-22	Dept	Eng. Report A: fws. F Ret---10/23.	
109499	10-20	Dept	Umpires report: fws. F Ret---11/5	
			1914	
114246	1/6	Dept	Naval Academy Prac. Squadron, assigns to	754

OLD

IDAHO: TRIALS: MOVEMENTS: ETC. 237 — 2

Number.	Date.	From or To—	Subject.	
128233	6/24	Dept	Fwds proposal of Greek Naval Attaché giving terms for purchase	291-2
128425	6/26	Dept.	Quotes proposed draft of cablegram to Midshipmen Practice Squadron re sale of R.Y.	
128259	6/25	Dept	Fwds copy of amendment to Naval appropriation bill passed by House, not yet passed by Senate, authorizing sale of to Greece	291-2
✓128770	6-24	Fowler, Hon H.R.	A MISSISSIPPI: asks speed at present time and date of delivery. To---gives data. 7/2.	
129007	7/3	To Phila	Directs transfer of stores, patterns, spare parts, etc., from yard to ship	291-2
129144	7/6	To CO MISSISSIPPI	Fwds photolithographic machy plans to be delivered with vessel to Govt of Greece.	291-2
139672	11-16	To Wash.	Fwds records of Engineer Department; hold for further instructions. M Washn ack 11-16	
112532	12-11 12-19	NYS C&R	99 Division contract price: fwds from NYS	

IDAHO: ELECTRIC PLANT:

Number.	Date.	From or To—	Subject.
62037	2-14 2-23	C.O. Phila 536-145-5	Repairs to call bells, annunciators, searchlight armatures, dynamotor for call bell circuits, etc. L. Ret Phila. work auth. 2/27. 44-3-8
62641	2-29 3-4	Phila 536-383-5 Dept	Estimate for elec. work in connection with installing tube hoists for 12 and 8" turrets; will necessitate shifting all elec. wires in turret base and install larger feeders; elec. work held up pending decision on Corv. app. pro. L. Ret Dept. Est. exceed rec. cost; new est. will be rectified. 3/16. To Phila. Estimates excessive--not appd. 3/18. Fwd Ord. 3/25.
63809	3-15	Phila 536-383-5	Tube ammunition hoist; will submit new estimate; rect. vandyke type plans. L. To---no plans available; should inspect KANJAS'S installation. 3/18.
64133	3/20.	Phila. 536-383-5	12 and 8 inch hoists; submits detail estimates. L. Fwd Dept. rec app. 3/21. 44-3-8. Fwd CTR. via Ord. 3/23. 44-4-1
64230	3-21	Phila 581-383-5	Amended estimates for elec. work in connection with 12" and 8" tube hoists. L.
68633	5-11	C&R 27908-E.20	8 and 12" ammunition hoist; fwds print showing arr. elec fittings for comment. L. To---plans satisfactory; as commented upon. 5/15.

IDAHO: ELECTRIC PLANT. 237---3

Number.	Date.	From or To—	Subject.
69611	5/23	Phila. 536-383-5	Revision of estimates for work in connection with 12 and 8" tube hoists. Fwd Dept via Ord. rec appr. 5/25. BB 5 818 ppd To---appd. 6/1.
✓ 71753	5-20	CO	Reqt. bridge megger. L. To---Motor Generator testing set ordered in lieu of megger. 6/24.
413728	5-14	CO	1213 Requ prints L

IDAHO: INT.COM.SYSTEM.

1913

Number.	Date.	From or To—	Subject.
✓ No #	8/19	To Sub-Target Gun Co.	Fire room timing device; request prices for spare parts for repair of. (Ship's reqn 34) L-R
✓ 104268	8-23	Sub-target Gun Co.	Time firing device; estimate for repairs.L
104956	9-1	CO	Fire room timing device; has operated satis; repairs not exceeding \$10. L
114149	1/6	To Phila.	Gyro compass set not to be installed; directs cancel all work auth orized. 407-4
		1911	
116829	2-4	Phila 536-334	Lists work in connection with installation of additional annunciators.L To---cancel item (6a); item (2a) appd.2/6
124179	4-30 5-5	CO Phila	Reqt authority to turn in fire control storage box.L To CO via Phila.appd.5/6.
✓ 133038	8-17 8-20 8-26	Phila S.A Dept	Tachometer purchased on contract 72; Elec Tachometer Co. Company reqt final payment of 20 %. Instrument was removed before vessel turned over to Greek Govn. L Pwd S&A via Dept-- 9/4/13 appd Pwd S&A-- 9/11

OLD

IDAHO: INT COM SYS. 237-4

Number.	Date.	From or To	Subject.	
✓ 135496	9-26	NY	Revolution counters; reports turning by MAINE. LY To-- Call survey on: 9/29	
205526	11-13	NYS	Instruments on bridge; fwds plan with comments. L	563-4
32800	10/24	NY Shin	IDAHO- Contractors claim non receipt of storage batteries for fire control tele.	L. 629
419040	5-17	New York	Submits report of unsatisfactory condition and operation of elec speed indicators recommends be removed and elec revolution indicator be installed.	

IDAHO: INT.COM.SYS.

1912

Number.	Date.	From or To—	Subject.	
79137	9-30	TO Phila	Submits estimate actual cost work on new conning and fire control towers. L Phila reports 10-3	
79303	102	TO Phila	Furnish all charges in connection installation new conning tower and fire control. L Phila 10-12	
79356	10-8	Phila	Shaft revolution indicator; reqt. wiring diagram. L Elec. Speedometer Co. reqt. copies wiring diagram. 10-15 TO Phila has requested. 10-15 Phila renews reqt. for prints. 11-6	
✓ 80881	10-23	Elec. Speedometer Co	Req. resistance for bridge indicator. L TO CO for information. 10-26 Req. action. 11-23 To---Will be fwd when received. 11/29.	
/ 81885	11-6	Elec. Speedometer Co	Shaft revolution indicators. Fwds wiring diagram. L To Phila. Fwds plans. 11/9.	
72	11/26	Phila	Elec. Speedometer , extended 30 days.	629
✓ 83739	11-27	CO	Elec. shaft revolution indicator; gives data in connection with making connection. L TO Elec. Speedometer Co. gives data. 11/29.	

1913

1913

Number.	Date.	From or To—	Subject.	
72	1/9	Phila	Shaft revolution indicator. extends cont. 90 days	629
91946	3-5	Phila 536-340	Fire control system; prints.L	
94719	3/31	Nav.	& S. CAROLINA: reqt work in connection with installing Gyro compass be auth. to include target bearing transmitter in fore top and plotting indicator in sub-central To-Phila authd. 4/18	407--4
✓ 97574	5-9 5-15	Elec. Tachometer Co. Phila	Shaft revolution indicator; will have app ready for inspection end of week; reqt. submerging test be waived.L-S To Phila. submergence test waived. 5/20.	
99460	6-4 6-10	Elec. Tachometer Co Phila 1280	Tachometer; re making test at place of mfg. D To Phila. PO Request 2 copies contract be sent Phila. 6/17. Ret Phila. directs test. 6/17. RE 6-10	
101417	7-8	CO	Reqd. new Cory type bells and buzzers.L Ret---appd. 7/18	
101986	7-16	CO	Reqd. repairs to fire room timing device.L To---directs submit reqn for material desired. 8/7	

Number.	Date.	From or To—	Subject.	
62037	2/14	C.O.	Repairs: to call bells, annunciators, dynamotor for call bell circuits, etc	237--3
62353	2-28	C&R 22447-E.510	Recommends work in connection with conning and fire control towers and ammunit on tube hoists be ~~not~~ undertaken during present repair period at Phila. L To--- request print, 3/1 To Phila. fws drawing 1944-L for guidance in preparing plans of new location. 3/4.	
62419	2/24	C&R, Ord, Dept	Combined fire control, conning towers, and torp. firing station, recommends installation be undertaken on:	647--11
63588	3/13	Dept	FIRE CONTROL TOWER Combined with conning tower & tor. Sta. proposed elec. work incidental to installation	647--11
65030	3-26	Phila 536-340	Fws print showing re-arrangement of instruments in fire control and conning tower: revised estimate. L Ord Dept. rec appr. 4/4. RE 4-6a ppd	
64841	5/6	Phila.	Recst action. L To--- appd. L/28.	
64841	3-28	C&R 27908-E.7	Proposed arr. fir control and conning tower: fws b/p. L	
66008	3-15	CO	Change lead gun firing circuits. L	
	4-8	Phila 536-320-6	To Phila. authorized. 4/12.	
66037	4/9	Phila	& MISSISSIPPI: fire control, fws finished plans	291--4
66337	4/12	Dept	Combined fire control and conning tower and bridges, changes,	647--10

Idaho 237-4 ^{OLD}

Number.	Date.	From or To—	Subject.	
67459	4/26	Phila	& Miss. fire control system, fwds vandykes	647
✓ 70612	6-5 6-7	CO Phila	Ship is without elec. revolution indicator since trial of Elec. Speedometer instrument; asks if will be returned or new type installed. L To C.O.W. 11 order set for ship. 6/18.	
✓ 71061	4-11 6-7 6-12	CO Dept Ord	26244-47 25029-37 & MISSISSIPPI: re location of 3", 9 and 10 to top of 8" turrets; authorizes incidental pipe work. L To Phila. Instructions. 6/17 Fwd C&R. 6/17	
✓ 73983	2/19	Phila	530-342 & MISSISSIPPI: fwds sketches showing arr. of instruments, fire control conning tower, and combination fire control conning tower; also installation of torpedo director in conning tower. L Fwd Ord re:st comments. 7/24/ RB 8-2 Fwd Phila via C&R satisfactory 8/10 RB 8-26	
75067	8/1	Phila	536-400-4 & MISSISSIPPI: Submits estimates for fire control work in connection with re-locating 3" guns. L	
76634	6/22	Phila	536-1074 Fire control voice tube system; fwds plan. L	
77028	8/30	Dept	Combined fire control and conning tower re:st detailed statement of cost for installation.	647-11
79200	9/28	S&A	TOWERS, combined fire control and conning, fwds statement of cost for installation	647-11

Number.	Date.	From or To—	Subject.	
✓ 39456	5/23	Phila	Voice tubes: states report of Board will be fowd during present week: delay due to illness of Draftsman. L	
39909	5/29	TO C.O.	Directs further test and report on voice tubes from substations and handling room. L	
40373	6/1	C.O.	Gears for fireroom timing device: reqt. be bought from Sub-target Gun Co. instead of manufactured at Phila Yd. L - The reqt. material be purchased by the C.O. and order to WPA at Phila be canceled. f/L.	
37713	6/12	Dept.	& MISSISSIPPI: Dept auth. voice tubes for torpedo defense station.	291--4
41403	6/12	Phila 536-38	Reqs information relative to fire control system. L	
✓ 41851	6/20	C.O.	Makes further report on test of voice tubes. L	
41951	6/23	To Dept	FIRE CONTROL: reqt auth. to proceed with alterations	847

IDAHO: INT:COM:SYS: 237-4

Number.	Date.	From or To—	Subject.	
✓ 42632	6/12 7/1	Phila C&R	536-15 22447-E.457	Submits estimate for rewiring main salvo system. L Fwd Dent via Ord. Rec. disapproval. 7/6. RB 7-81 D. Ref. Phila. 6/1. RB 8-2
46849	8/15	Phila	E-C-VOICE TUBES: recommends installation from searchlights to searchlight control station, vaa Tor. Defence station	647--10
✓ 48127	9/5	Phila	536-38	Asks if nav. telephone switchboard, fire control, has be n ordered by Bureau: if not regt. be manufactured at Id. L
✓ 49073	9/18	Phila	526-15	Installation of soprtters correction system from fire control tower to sub-central sta: asks if instruments will be furnished in time to allow work during present repair period. L Ref. Ord. 9/22 RB 10-4 Fwd--10/5.
✓ 50242	9/11 9/29 10/4	C.O. Phila C&R		Rect. speaking tube from stbd engine room be enlarged by 3" tube. L Ref. Ord. 9/22 RB 10-4 Fwd--10/5.
J 56425	12/18 12/18	Hottizer-Cabot Elec. Co. Phila.	2018-291-5	MINNESOTA: Telephone head sets: will make shipment in approximately ten days. Delay due to re-jection of conductor cord. L Fwd Pass-Rect Inapn. expedited. 12/23. B 10-7
59557	1/25	To Phila		MISSISSIPPI: alterations of torpedo defense stations 1, 2, 3 & 4. asks if estimates for work chargeable to Equip. of vessels were included in General survey. 291--4

FILE No.	From or To (Dated)	Subject.	
32987 1/14	C.O.	Reqt repairs to fire control, main engines.	237-- 8
33680 3/13	TO Phila	Central, sub-central and sub-stations; reqt. plan showing general arrangement of instruments. L.	291-4
✓ 36557 4/2	C.O.	Battle practice; states all voice tubes for day and night control should be re-installed. L. To Phila Yd. Recst be tested and report made. See below. 4/19. To Phila: Recst inform re voice tube installation. 5/19. R.B. copy of R.L. with report in duplicate. 5/26	
✓ 37190 4/22	C.O.	Reqt. description of time firing device mfgd. by Sub-target Gun Co. L. To Sub-target Gun Co. request for description. 4/26. Fwd Phila Yd. Copy fwd. 5/17.	
✓ 37680 5/1	Sub-target Gun Co	States will furnish 10 copies of fire room ~~steekst~~ stoker timing system installed. L	
✓ 38829 5/12	Sub-target Gun Co	fwd's prints covering fire room timing device. L	
✓ 39105 5/10 5/17	Phila 11-15 Dept	Installation of experimental 12' ammunition hoist in after turret; will be allowed 6 days at Phila for installation. L. To Phila. Advising. - Not Dept Noted. 5/13.	
39106 1/14 5/2 5/10	C.O. Phila 536-13 Ord 53255-40	Installation of experimental ammunition hoist. L. Fwd Dept. Item 1C. rec no action pending report from ship. 5/22. R.B. 6-6 Ret Ord. 6/6.	
36557	See above.	Fwd Dept via Ord & CER. Rec certain work be auth. 6/2. To Phila. quotes Dept's approval. 6/16. R.B. 6-20a ppc Fwd Phila via Ord. 6/21. R.B. 8-17	



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OLD
IDAHO: LIGHT & POWER SYSTEMS.

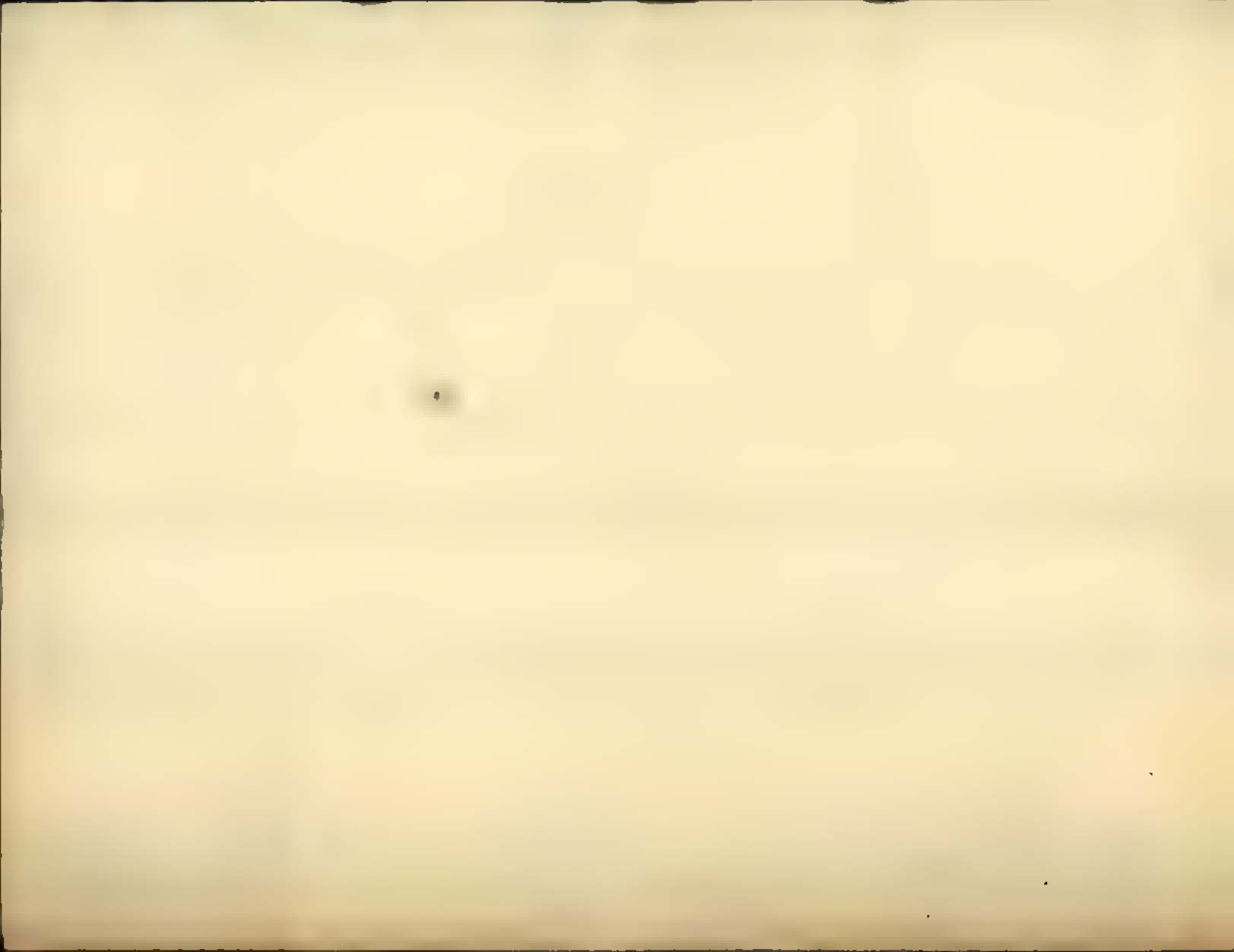
Number.	Date.	From or To	Subject	
55690	10/14 12/5	C.O. Phila. 546-73-2	Circuit breakers: requests be replaced. L To via Phila-Reqst complete report on. 12/11.	
57670	12/18 12/29	C.O. Phila 536-105	Reports on defective circuit breakers. L. Fwd. NY. 1/5. RLB 1-9	
62037	2/14	C.O.	REFERRS: searchlight armatures, etc	237--3
68411	5/8	Phila. 536-383-5	8 and 12' ammunition hoists: fails prints or location of electrical appliances. L To---appd as commented. 5/14.	
69059	5/17	C&R	& MISSISSIPPI: recommends installation of elec. steering gear.	291-5
70746	6-7	Phila. 536-383-5	Estimate for fitting power feeder panels in 8 and 12" ammunition hoises. L To---Plans appd. 6/13.	
71746	6-19	Phila 536-383-5	Revised estimates for Distribution panels 12" turrets. L. To---panels need not be enclosed provid- ed location is name-proof. 6/24.	
76426	8/20	Phila.	& MISSISSIPPI: Electric steering gear; gives reasons for delay in submitting est.	291-5

IDAHO: LIGHT & POWE 237-5

Number.	Date.	From or To	Subject.	
72617	6-7 6-27	CO Phila	Install elec. lights and fittings in presentation Silver Cabinet.L To Phila. appd.7/5. Fwd C&R.7/5.	
73044	7-8	Phila 536-351-6	Install silk wound pilot motor coil for searchlight. Estimate.L.	
77677	8/28	Phila	* MISS; elec. steering gear, estimates and prints of proposed wiring 1912	291--5
94739	4:7	C.O.	Alterations, gem.set	237--8
97563	5/15	Phila	SIGNALS, night, reports receipt of keyboards for, From GE Co. modified, reqt shipping instructions.	711--1
✓ 106579	10/23	To S&A	Searchlight mirror, request shipment of one 36" parabolic from NY to Phila., for installation.L	
108546	10/22	To	36" searchlight mirror, directs transfer to Wyoming.	488--5

IDAH: LIGHT & POWER SYSTEMS:

FILE No.	From or To— (Dated)	Subject	
✓ 32535 2/20	TO C.O.	Fans; directs no further purchases of spare parts; use parts from old fans and submit recn. for new. L A.B.3/24	
✓ 36115 4/13	Phila 536-16	Estimate's for running power feeders to motors for flushing pump. L. Fwd De't via C&R Rec appr 4/20, BR 4-26 app'd To -- appr'd 4/27. To -- appr'd 4/29.	
40364 1/14	C.O.	IDAH0: rec't fitting of voice tubes in tor. defence towers; searchlight control stations, cage mast, etc; also repairs to boat cranes, larger motors for sanitary pumps, fit Macomb strainers on sanitary pumps.	237--8
51667 10/20	Phila	& MISS. Illuminating sets; modifications; have issued orders for additional pad eyes, and recommends rigging for sets be added to C&R allowance.	291-5
52661 11/1	Phila	Motor generators, reports on those in store and required for.	561
53365 11/10	Phila 536-16-5	Motors for flushing pump; est. for elec. work. L	
53854 10/27	C.O.	Rec't order changed from dynamo commutators to mercurial storage elec. resistance thermometers and install switch for same	237--8
53826 11/15	Phila	& MISS. modification to illuminating set	291--5



OLD
IDAHO: WIRELESS TELEGRAPH SYSTEM.

FILE No.	From or To-- (Dated)	Subject.	
34560 2/26	To C.O.	Air compressor for wireless condenser; directs requisition for, be submitted. W	237-23
✓ 38689 5/4 5/9	C.O. Phila 536-1056	Reqt. repairs to air compressor wireless. W Ret Phila apnd. 5/17. BB 8-22	
✓ No # 7/8	To C.O.	Reqn. 158: One compressed air condenser is on board the USS. 11/13: If suitable for IDARC, transfer will be directed.	
53064 12/8	To At.Flt.	REC. SETS: reat numbers of receivers on.	898
✓ 65248 3-29	CO	1912 Tect. authority to turn in un-used wireless material. W To---, Washn. J&A. request shipment of variable condenser to Washn radio sta. 4/5.	
81593 10-23	CO	Reqt. complete new telefunken set. W. Ret--- via NY yard and At. Flt. Reqt be supplied from NY yard with oscillation transformer and wave meter. 11/5. BB 11-18 Ewd NY. Fwds description of radio plant. 11/13. BB 12-11	
97825 4-5 5-15	CO At. Flt	1913 Change in battle equipmnt of radio sta. W 15-1	



237-7

J.D.

IDAHO: SIGNALS.

Number.	Date.	From or To—	Subject.
✓ 42394	6/28	TO C.O.	Directs that Submarine Signal Company be given opportunity to test out and place apparatus in working order. L
✓ 44935	7/26	C.O.	Reports satisfactory test of L To S&A. Final payments rec. 8/2.
✓ 45841	8/9	Sub. Sig. Co. F.E. Chapin.	Understands test satisfactory: recd. payment. L To --- final payment has been rec. 8/10.
			1912
			1913
			1918
1046	1-31 2-9	Submarine Signal Co S&A (VOID WRONG CARD)	Rel to increasing price for submarine signal apparatus for MISSISSIPPI, IDAHO & NEW MEXICO on acct of change in voltage. L&S

629

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IDAHO: MACHY PLANT.

1913

Number.	Date.	From or To—	Subject.	
✓ 107386	10-7	Bd. I&S 1680	Inspection report; fwds. Y	
✓ 109217	10-25	Phila 536-467-5	Report of bd survey and estimates. Y To Dept via ORN recommendations 11-6 Fwd Dept via C&R & ORN 11-6 To instructions 12/12.	RE MAC
✓ 109518	10-22	CO	Report of new CO. Y	
111588	11/21	Dept		
✓ 115019	1/14	Phila	List of work to boilers, etc. required before cruising.	754
115460	1-17	CO	Reqt Yard force overhaul engine indicators, bore out engine valve chest, and repair air pumps. Y Fwd Phila. for est and rec. 1/22. Fwd Dept. with rec. 2/6. RB 210 To Phila. appd. 2/10.	
119481	3/9	Dept.	Repair limit May 1st.	292-8
✓ 126352	6/3	Dept.	& MISSISSIPPI: Possible sale of; requests suggestions and recommendations as to articles to be omitted in the delivery of, etc. C To Mat. nothing 6-6	
169363	10/25	Nav Intle	Greek Legation reqt plans	291-8

IDAHO: MACHINERY PLANT: GENERAL. 237 — 8

Number.	Date.	From or To--	Subject.	
128191	6/24	Dept	Requests statement of any stores; equipment, etc which should be left on board when vessel is sold	291-8
128622	7/1	Dept	Directs MAINE be prepared for duty as IDAHO relief	274-8
149103 VOID	3/5	G E Co	Gen set; fwds outlining plans, specs, etc	562-8
151294	3/25	Nav Intel	Greek Legation reqt complete set of machy and elec plans	291-8
163725	8/17	Nav Intel	Greek Govt reqt certain plans	291-8
359994	10/18	CAR.	Copy of instructions to Supt. Const. in conn with Dental Office. L.	563-5
405715	3/26	CO Copy	Request orders for vessel to proceed to NY for docking, installation, etc.	563-2
482763	3/22	To S.O. NY	Fwds turbine blading plans. D copy to Lt. Reynolds NY. D	563-5
496677	5-3	Fwd Pacific Fleet	Reqst for alterations D.	563-8

IDAHO: MACHY PLANT:

1912

Number.	Date.	From or To—	Subject.
✓ 62190	2-27	Dept	Fixes June 15th for completion of repairs. Y
62234	2-27	Dept	Date of completion repairs June 15th. Y
✓ 62596	3-2	C.O.	Reqt. authority to turn in cooling coils for ice machines, and evaporator tubes; also machines for which intended have been replaced. Y To---via Phila. appd. 3/26.
64223	2-14 3-19	CO Phila 536-140-6	Estimate for repairs to main engines, aux. compressor, blower, ice machine, etc Y To -- appvd. 5-24
64415	3-9 3-21	CO Phila 5.6-140-6	Estimates for repairs to ice machine, main engine, and distillers. Y To -- appvd. 5-24
✓ 70541	6-6	Dept	& VERMONT; SOUTH CAROLINA; MINNESOTA, change in date of completion. Y
✓ 70505	5-28 5-6	Phila Dept	& MISSISSIPPI: impossible to complete work including fire control tower in time allowed; Dept changes dates. Y Ret Dept via Ord and CER. 6/7.
✓ 74262	7/18 7/25	Phila Dept. 536-451	Date of completion changed to Aug. 21st. Y Fwd CER via Ord. 7/26.
✓ 74264	7/25	Dept.	Date of completion changed to Aug. 21st. Y

OLD
IDAHO: MACHY PLANT: 237-8

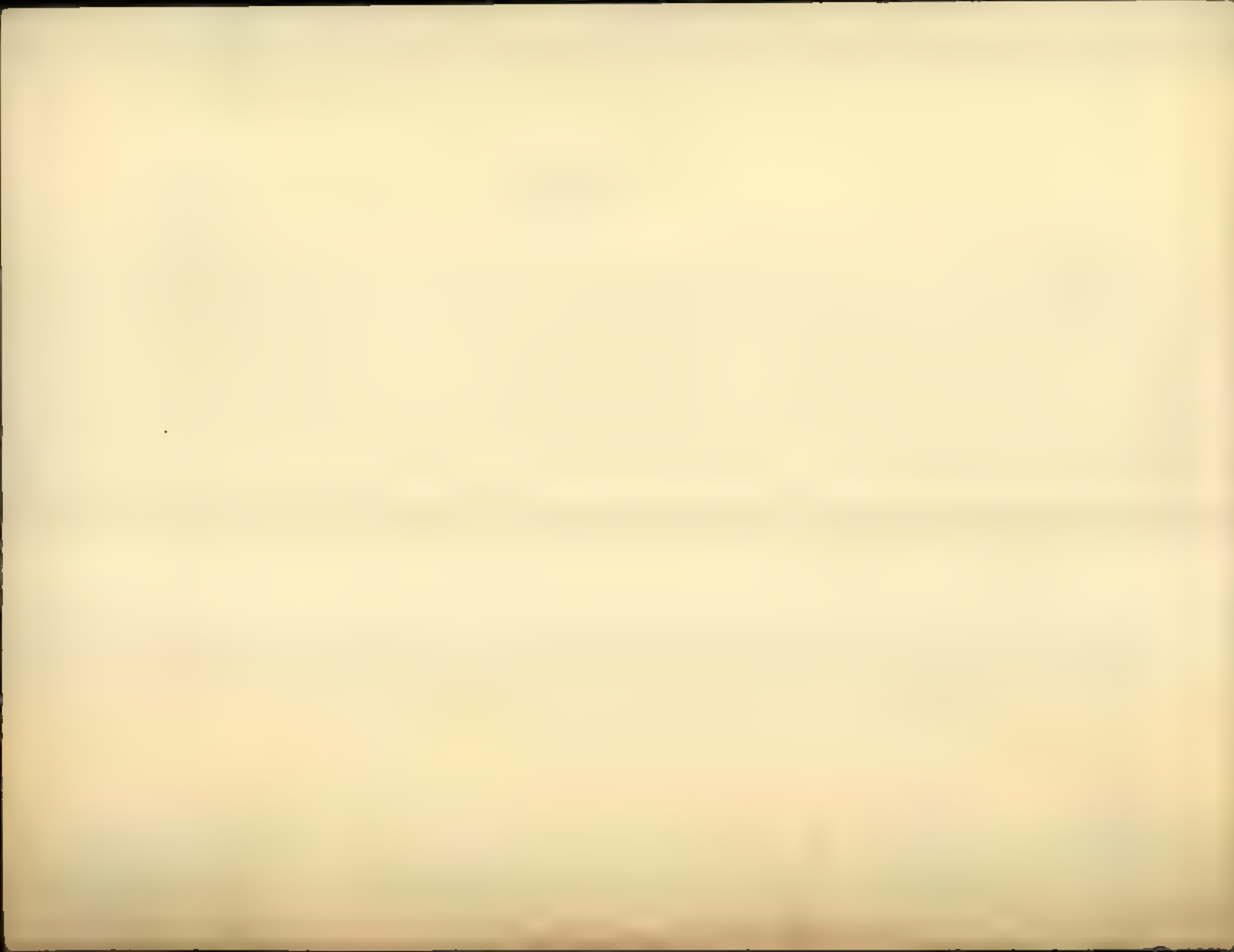
Number.	Date.	From or To--	Subject.	
✓ 83971	11-27	CO	& engine Rect. fire room plates be covered with Bitumastic solution and enamel. Y Fwd Phila. 12/3.	
J 83973	11-27	CO	Rect. repairs to valves, steering engine, circulating pumps, piping, ice machines. Fwd Phila. 12/3. 12/3	to.Y
J 94513	4-4 4-9	At. Flt Dept	1913 Recommends be withdrawn from fleet in lieu of OHIO when TEXAS is commissioned; is unable to steam with fleet without constantly using 7 of the 8 boilers. Y Fwd C&R via Ord. Bu concurs. 4/14. RB 4-24 Fwd Dept 4-24	
✓ 94739	4-7	CO	Alterations: valves, piping, gen sets. D Fwd Phila recommendations. 4-24 RB 5-8 Fwd Dept. with rec. 6/14. RB 5-17 To--Phila- authorized 5/19	
94739	5/19	To Phila		
101661	6-17 7-14	CO Phila	536-140-6 Repairs to main engines, piping, evaporators, ice machine, shafts, boilers, etc. Y	
102500	7-19	CO	Report of new CO. Y Fwd C&R via Ord. 7/30.	
102581	7-24 7-26	Bd. I&S Dept	1246 Report of inspection. Y Ret Dept via S&A. 8/18	
103318	8/8	Dept	Directs inspection	774
103884	9-17	Bd. I&S	Rect. repair papers. Y To-Bd- fwsd Corres. 9/18 RB 10 18	

Number.	Date.	From or To--	Subject.
✓ 42479	6/26 6/29	C.O. Dept	Repairs to loco machine, and re-wire lighting circuits in fire rooms. Fwd Phila. for appropriate action. 7/1. B.H. To C.O. forwards prints. 7/1.
✓ 43911	5/25	Dept 26244-40	Reports inspection held F.B.C and Mar. 9.Y Fwd J&A. Noted. 8/5.
✓ 45457	6/29 6/25 8/4	C.O. Phila C&R 536-48 22447-E-463	Incidental work on heating, piping, elec. wiring, etc., in connection with C&R alterations.Y Not C&R. Noted. 8/7.
✓ 45707	8/1 8/2	Phila C&R 536-44 22447-D.464	Repairs to deck winch, capstan, in connection with C&R repairs.Y Not C&R. Estimates noted and appd. 8/9.
✓ 46945	8/17	C.O.	Alterations to refrigerating plant. Install new propeller, separators in aux. exhaust line, and exhaust lines from dynamo room.Y&D
✓ 47049	8/16	C.O.	Repairs to shaft bearings, stern tubes, renew liners main feed pump, renew bottom blow line from evaporator, floor plates, in engine room, etc.Y
✓ 48710	8/17 9/12	C.O. Phila 536-1015	Rect. alterations to cold storage piping, new manifolds for same/ install new propeller blades, change lead exhaust line after dynamo room, etc.Y-D Fwd Dept. Appd. except Item 5.9/21 Fwd Phila. 10/4 (adv copy). Fwd Phila. 10/5.

IDAHO: MACHINERY PLANT: 237-8

Number.	Date.	From or To—	Subject.
✓ 49267	8/16 9/19	C.O. Phila 536-53	Repairs to propeller bearings, main feed feed pump, floor plates in engine room. Y Phila. work app'd. 10/10.
✓ 50290	8/25 9/23	C.O. Phila	Chief Petty Officer quarters; alterations; est. for elec. and S.E. work. Y Issued. 10/9.
✓ 50382	9/20 10/3	C.O. Phila 536-64	Repairs to ash ejector wearing bands & rings of h.p. piston. Y Phila. work app'd. 10/10.
✓ 53535	11/8 11/14	Phila Spt 536-125 26244-35	ate of completion, Dec. 15th Y Pw'd C&R. Poted. 11/15.
53854	10/17 10/27	C.O. Phila 536-77-5	Reqt. order
✓ 53854	10/17 10/27	C.O. Phila. 536-77-6	Reqt. order changed from dynamo commutators to mercurial storage elec. resistance thermometers and install switch for same. D-L Pw'd ext. rec. 11/21. RB. 1.2. app'd To Phila. Auth. certain items. 11/23.
55143	11/29	Phila. 536-48	Submits estimate for work in connection with changes in Chief Petty Officer's quarter. Y To App. manf. of new radiator. 12/5.
✓ 55686	11/22 12/7	C.O. Phila. 536-91-3	Repairs to ice machine; renew inswinging doors, main boilers; and relag steam and exhaust piping in fire and engine room. Y 1912

FILE No.	From or To— (Dated)	Subject.	
✓ 31832 2/18	C&R 22447-E.407	repairs and alterations: recommends installation of lockers in engine and log rooms Ref. Dept. 2/21. R.B. 2/27 Ret -- 2/28.	
✓ 32987 1/14 2/27	C.O. At. Flt	reqt. repairs to fire control, main engines, etc. Y To Ord. & C&R. Items under cog. of 3/18. To At. Flt. Fwd Phila Yd. Instructions 3/20. R.B. 3/22. Fwd Phila. 3/23 B.L. to C&R R.B. 4/4 Fwd C&R. 4/4. R.B. 4/11	
37347 4/24	Phila	& MISSISSIPPI: reqt machy plans.	291--8
✓ 38923 4/29 5/16	Phila 536-33 C&R 22447-E.445	Work in connection with removing interference in boradside battery. Y Fwd Dept. Rec appr. 5/18. BB 5-100 pppd To Phila. Apprd 5/22. Ret C&R. 5/22.	
✓ 40364 1/14 5/12 C&R	C.O. Phila 536-11 5/29 22447-E.35	Reqd. fitting of voice tubes in torp. defence towers, searchlight control stations, cage mast, etc. Also repairs to boat cranes, larger motors for sanitary pumps, fit Macomb strainers on sanitary pumps, etc. Y Fwd Dept via Ord. Rec some appr., some disappr. 6/14. Ret 7-25 Fwd C&R. 7/26.	
42427 6/23	Phila 536-27	Repairs to ice machine, distiller circulating pumps, etc. Y	



IDAHO: MAIN ENGINES: ETC.

1912

Number.	Date.	From or To—	Subject.	
75431	8/12	To-Dept.	Re broken crank shaft	493
357	8/12	Mun	Crank shaft, estimate five weeks, etc	629
75724	8/15	To Erie Forge Co.	Crank shaft, to be used on MISSISSIPPI: cont. 357, steps taken to amend.	291-9
357	8/14	To S&A	Crank shaft; requests amendment of contract and reqn	629
74298		SEE CARD 2	TO Nav. Acad reqt. further information.	9-13
✓ 78430	9-18	Exp. Sta 222	Broken main bearing bolts and crank web; inaccurate measurements in elongation in test due to inexperience of Lt. Daniels. S. To-If test pieces now available Bu. desires that they be measured 9/25 Exp. Sta reports on punch marking specimens.	1-28
79147	9-23 9-26	JO At. Flt	Reports on inspection main engine. Y Fwd C&R 10-2 A.B 1-16	
80617	10-21	TO Phila & S&A	Caps for main bearings; direct manufacture. Y	
80712	10-22	TO Phila	Fwds drawing spare l.p. crank shaft. D	
84170	12/6	To Phila.	Requests examine to see if caps or main engine bearings are tight, when ship returns to yard.	237-2

1913

IDAHO: MAIN ENGINES: 237-9

Number.	Date.	From or To—	Subject.
87586	1-9 1-15	Phila C&R	536-197 27908-E.29
			& MISSISSIPPI: vibration main bearings; submits report re means taken to stiffen.D. Fwd Dept.1/16. C&R recd.return.2-14 To C&R papers have been fwd to Dept.2/21. Fwd Dept.2/21
87758	1-16	C&R	Additional stiffening in wake of crank shaft bearings, has been completed.D.
✓ 108378	10-18	CO	Fwds broken nut for holding down belt of stbd engine. B To Mr. Sta. directs microphotographic examination. 10/23 ✓ Expr. Sta. 11/25 test No.387: reports. Fwd Chester. fwd: copy of report of tests. 12/3. RR 1-3

IDAWC: MAIN ENGINES: ETC.

1912

Number.	Date.	From or To—	Subject.
63324	3/11	To Mun.	Crank shaft: request opinion as to ability of Erie Forge Co. to furnish: reon. 364.S
63373	3-12	Mun T	Shaft: believes Erie Forge Co. equipped for making S Dup. report.
✓ No "	3/12	To S&A	Crank-shafts. Bu. reqn. #264: bids.
63998	3-18	Phila	Thrust shaft: rect. vandyke. D To --- Fwds vandyke. 3/21.
65572	4-4	CO	Rect. port main engine be lined up. Y F. A. Phila. for rec. report and estimates. E/22. R.B. 8-1 To Phila. appd. 6/1.
65836	4-6	Phila 536-161-6	Std l.p. broken crankshaft: fws photo. Y
66539	4-15	Phila 536-161	Fws sketch showing change in alignment of thrust bearing. S. D To C.C. Fws print and copy of Phila's letter. 4/20.
67370	None	Midvale Steel Co.	Port and starboard shaft. Gives test of one which broke. S
68170	5-9	CO	No f. dist. on be taken on lining up port engine. Y

IDAHO: MAIN ENGINES: 237-9

Number.	Date.	From or To—	Subject.	
✓ 70264	6-3	Phila 536-140-2	Gives price of spare crank shaft. Y	
70941	6-8 6-8	GO Phila 536-140-2	Repairs to thrust shaft. Y Two Phila. reest. shd. have been submitted before this. C/L. To Phila. appd. 6/12.	
72195	6-17 6-19	GO Phila 536-160-6	Repair mainbearings. Y	
✓ 74298	7/25	Expr. Sta. 222 Test No. 209 SEE CARD 2.	Reports on micro inspection of specimens from broken main bearing bolts and broken web. D Ltr. Sta. 7/27. Two photos and prints. D Ltr. Phila. 7/26. To D. Acad. Asks as to determination of elongation in tests. 8/28	
✓ 74368	7/27	To Erie Forge Co. T	Expr. Sta. 9/4. Sends corrected talbes elongation. 3 Crank shaft, contract 357; asks when shipment can be made. D Ltr. from Co. 7/29. Ready for shipment 8 to 12 days. Y	
✓ 74603	7/29	Mun 2832	Crank shafts, contract 357, will be ready in 8 to 10 days for inspection. 3	
✓ 74366	7/29	To Dept & Phila	re status of cont. 357, 2 crank shafts for Idaho. (re use on MISSISSIPPI)	291--9
75606	7/8 8/9	GO Phila. 536-160-6	Submits est. for assisting crew in fitting thrust in main bearing. Y	

IDAHO: MAIN ENGINES: ETC.

Number.	Date.	From or To--	Subject.	
43040	7/7	C.O.	Reqt. repairs to bearing studs.Y	
44572	7/7 7/24	C.O. Phila 526-44	Repairs to bearing studs main engine.Y To C.O. Irmit returned. 8/15.	
50640	10/9	Morris. Metallic Pack	PACKING: rect privilege of testing metallic packing on piston rod of.	693
56427	12/8 12/13	C.O. Phila. 536-95-2	Re-metal and machine starboard H.P. slipper main engine.Y	
59905	1/20	At. Flt T	1912 Starboard engine L.P. crank pin web broken.Y To Dept. Spare crank shaft at Phila. 1/30. EB 2-1	
60170	2/1	Key West opt	Has had accident to crank shaft; repairs not deemed advisable at Key West.Y Fwd Phila. 2/2. EB 2-1	
y60667	2-6	Phila 1695-15-2	Eccentric and straps for main engines; reqt. vandykes.D	
60745	1-31 2-1 2-8	C.O. At. Flt Dept	Reports in detail on broken crank shaft; vessel ordered to Phila; tugs to meet at Breakwater; repairs authorized in advance estimates. Fwd CEB. Recast foundations under bearings 5 and 6 be strengthened. 2/9. EB 2-1 To CEB. Directs similar work on MISSISSIPPI/-- Fwd Phila. Instructions. 2/14. EB 2-2 To Phila. Recast test pieces be sent to N. Acad. --- To N. Acad. Directs test. 2/21.	

IDAHO: MAIN ENGINES: 237-9

Number.	Date.	From or To—	Subject.
60953	2-10	Dept	Fwds report of Board on investigation breaking crank shaft. Ref Phila. Enc. with 6074E. 2/14. 7
61936	2-21	Phila 536-140	Reports on examination stbd engine: will require 90 days repair crank and thrust shafts. (1) to Direct: proceed with necessary work. 2/24. Fwd Dept. reqst appr. 2/26. RB 2-28
62065	2-24	Phila 536-140-1	Stbd thrust shaft: fws sketch showing 1-2" out of line: doubtful if can be straightened: reqt. instructions. To Midvale Stl and Beth. Stl. Co. Reqst bid. 2/27. To---advising 2/27. To---Contract placed with Midvale Co. 2/29.
62076	2-23	Phila 642-161	MISSISSIPPI: new bearings: bolts: fws print: will take 25 days to secure: recommend be deferred unless material can be expedited. D To---design appd. 2/27.
62260	2-28	Midvale Steel Co T	Shaft: turbine: asks if shall forge rough turned or machine finished. (1) to---to be rough turned. 2/28.
62285	2-27	Midvale Steel Co T	Quotes on and gives time of delivery. stbd thrust shaft. Confirms by letter 2-28. (1) to. Award of cont. has been rec. 2/29.
62286	2-28	Bethlehem Steel Co T	Ditto
62176	3-5	Phila 536-161	Strengthen engine foundations: SE work involved. Fwd CEN. 3/26.
63352	3-11	Phila 114	Thrust shaft forging: fws copy of contract has been inspected and ready for shipment: reqt. instructions. Fwd Washn PC via S&A. Reqst copies of cont. re fwd. to Phila. 3/12.

OLD

1912

ID:HQ: BOILERS, ETC.

Number.	Date.	From or To—	Subject.	
67839	5-2	CO	Reqt. small motor working flexible shaft be fitted for brushing out dynamo tubes; also allowance tube cleaners be increased.D-R	
68925	5/29	To G.O. via Phila. To E.F. Watson Co.	Asbestos metallic boiler gaskets: test directed.	656
82321	10/31 11/8	CO Norf. 257-41	Expenditure invoice covering boiler tubes turned into store to be replaced by regulation. Asks if Bureau approves manner of turning in, as same results in loss to appropriation. Ret Norf. disapp. turning into store with Comat's Auth. 11/14. RB 12 2	
93229	3-15 3-16	CO At. Flt	Reqt. new try cocks and nipples for main boilers. FL Fwd Phila appvd. 3-25 RB 4-7 Fwd CO. 4/7.	
94513	4/4	At. Flt.	Recommends be withdrawn from fleet in lieu of Ohio when TEXAS is commissioned, is unable to steam with fleet without constantly using 7 of the 8 boilers.	237-8
101991	7-16	CO	Internal feed pipes; recommends be placed in bottom of deep water tight trough covered with baffles to prevent priming.D To---question of arr. is under consideration. 8/1.	

IDAHO: BOILERS:ETC. 237-10

Number.	Date.	From or To—	Subject.	
✓ 102731	7-17 7-30	CO Dept	Safety valve settings; reported as 277 and 278; gages in error should have been 280 and 281. D Ret Dept. 8/8	
✓ 112959	12-15 12-17	CO Dept	Repair outer casing uptakes. Y Ret CO directs submit request to Phila yard via At. Res. Flt. 12/18. EB 118 Fwd Dept. rec appr. 1/16. EB 2. appd To Phila. appd. 1/20.	
✓ 114626	1-8	CO	States mine corps force cannot make alterations to pipes and fittings, boiler drums. Y Fwd Phila. 1/12	
1914				
115019	1/14	Phila	List of work to boilers, etc	754
72021	1/14	To Phila.	Difference in cost of work installing internal feed piping, etc. MINNESOTA and IDAHO. Request special report.	612
✓ 115727	1-15 1-21	Phila S&A	Floor plates for fire rooms; reqt. BU decision re using plates 5-16" thick in order to take those from excess stock Boats. Y Ret S&A. appd. 1/24.	
✓ 116150	1-8 1-19	CO Phila	536-151 Boilers; examine all channel bars, and boiler supports; renew ash pans. Y Fwd Dept. rec appr. 1/28. EB 121 To Phila. appd. 1/31.	

237 -- 10 OLD
IDAHO: BOILERS: ETC.

11

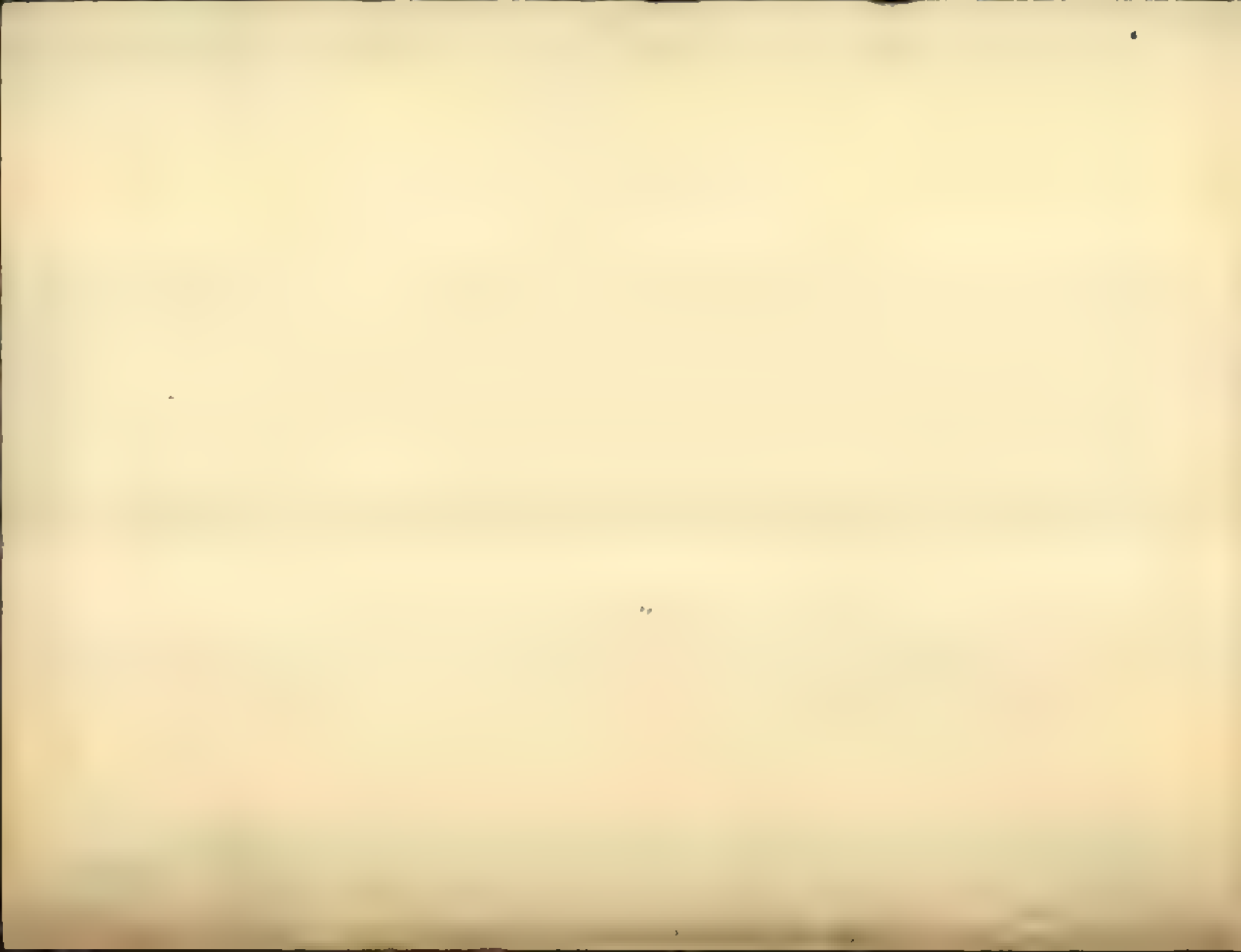
FILE No.	From or To— (Dated)	Subject	
✓ 30271 1/28	Phila.	AND MISSISSIPPI: Reqt. print covering fire bricks for D. To Phila. Yd. print fwd 2/1.	
✓ 46083 8/12	TO C.O.	Feed water heaters: reqt. report if those manufactured by FAIRBANKS involve change in design. Y RB 8-25 to Phila. No salt water feed heaters are connected as referred to. 8/31.	
48883 9/8 9/18	C.O. At. Flt	Feed heaters; evaporator; reqt. removal and placing in store; have been of little service. Y-D Ret. via Phila. authorized 9/25 RB 10-5	
504 ^u 3 9/19 10/5	C.O. Phila 536-621	Repairs to ash ejector casting. Y	
55686 11/22	C.O.	Repairs to boilers, inswinging doors, etc	237--8
58249 1/9	Phila	1912 * MISSISSIPPI: fws prints showing changes made in grate bars boilers. recommends allowance list covering spares be modified.	291--10
64415 3/9	C.O.	Estimate for repairs to distillers, etc	237--8
62211 3/26	To Metten J.F.	Gives data on See type of ash ejectors.	182-10
✓ 67338 4/26	At. Flt.	Reports on inspection of boilers. Y	

Number.	Date.	From or To—	Subject.	
86781	1/6	G.O.	Recommends boat be furnished MAINE and exchanged when vessels are in company	611--1
Survey	1/9	To Phila	Type E-3 engine 779 and Ward G-1 round boiler 1600, with other machy. re disposition	
87270	1/11	W&R	40-ft steamer 607 ordered shipped from NY to Phila. for Maine. Will exchange for steamer 1070 now on Idaho.	611--1
95513	4/15	Idaho	Reports receipt of steamer 607, engine 431 from Maine, and transfer of steamer 1070, engine 906 to.	611--2
95644	4/17	Idaho	Steamer 607, engine 431, boiler 1571, no spare parts supplied.	611--1
119712	3/10	Phila.	Reports receipt of gasoline engine GC 2205 for launch 1380.	611-2
123274	4/23	C&R	PANTHER; motor sailing launch 1380 assigned in place of 1310; latter assigned IDAHO	611-2
124452	5/8	Phila	Engine 2205 installed in 1380	611-2
151542	4/5	C&R	Motor sailing launch 1380, ex IDAHO; is on board MAINE	611-2

1917

[OVER.]

FILE No.	From or To— (Dated)	Subject.	
36792 4/20	C.O.	BOATS: #763: previously surveyed has been repaired by ships force and reqt to be allowed to retain on board.	611-2
51381 10/14	Phila	40' cutter 623; temporary loan authorized.	611-1
		1912	
No # 4/4	To Phila	Survey Feb. 29th, Ward G-1 Reboiler #1600 Ex cutter 274, assigned to cutter 703	611--1
66586 4/18	To Idaho	BOATS: steam log lists motor sailing launch 969 with Buffalo eng. type D-703. Bu's record is launch 979, eng. 3085.	611--2
69224 5/20	To At.Flt	Reqm 180 received ~~and~~ for type E-3 engine, to replace E-3 903, transferred to Chio. Req't transfers be made only in case of emergency.	611--1
69225 5/20	To C.O.	E-8 engine 900 assigned as spare	611--1
70024 5/29	Phila	Reports issue of engine 900 to	611--1
70518 6/5	Phila	BOATS: 900 issued to	611--1
77370 9/5	To	Log, omission of data, engine #900, boiler 646, engine 7505 or 705	611--1
85260 12/17	To	1912 Ward G-1 boiler 1662, asks as to dis- position.	611--1
86405 1/2	C&R	40' steamer 607 assigned to be shipped Guantanamo.	611--1



IDAHO: MAIN CONDENSERS: ETC.

Number.	Date.	From or To—	Subject.	
✓ 47150	8/23	Norf 4586	Manufacture ferrules.Y	
			1912	
64223	2/14	C.O.	Estimate for repairs to main engine. aux. condenser, etc	237--8
			1912	

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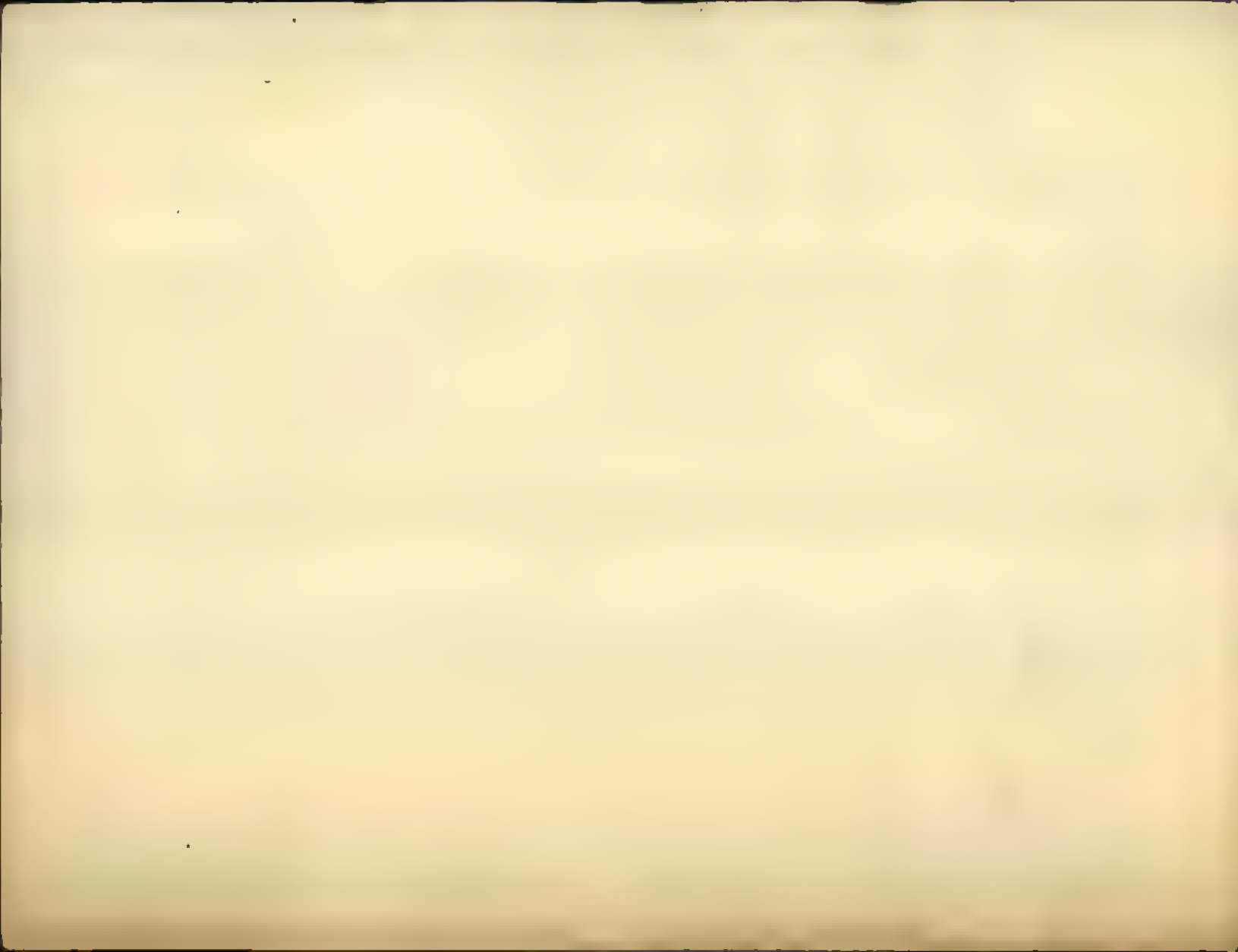
IDAHO: HEATING: VENTILATING: REFRIGERATION SYSTEMS.

Number.	Date.	From or To--	Subject.	
✓ 54427	11/23	Phila. 566-77-5	Relative to installation of electrical thermometers in cold storage rooms: requests telegraphic authority. Y To--Disappd. 11/29.	
✓ 55170	12/2	Phila. 536-77-7	Requests instructions re registering of temperatures in cold storage rooms: installation of electric thermometers has been disapproved. 12/2 To--No change from system formerly used will be auth. 12/5.	
55686	11/22	C.O.	Repairs to ice machine, etc	237--8
56024	12/12	Phila. 536-52-7	Re argt of cold storage room; submits estimate and plan. Y & D Fwd Dept-Rec. app. additional estimate, and for moving exhaust line of after dynamo room. 12/23 To--Appd. 12/26. Corrects Bu. impression: states revised est. only. 1/2	
62596	3/2	C.O.	IDHO; reqt auth. to turn in cooling coils for ice machine, etc	237--8
64223	2/14	C.O.	Estimate for repairs to ice machine, etc	237--8
64415	3/9	C.O.	Estimates for repairs to ice machine, etc	237--8
70263	5-20 6-1	CO Phila 536-274-6	Repair main bearing Allen ice machine. Y TO -- appvd. 6-5	

IDAHO: HEATING: VENTILATING: REFRIGERATION SYSTEMS. 237---13

Number.	Date.	From or To—	Subject.	
73397	7/3 7/1	CO Phila. 536-274	Repair main shaft of ice machine.Y	
83973	11/27	C.O.	Reqt repairs to valves, ice machines, etc	237--8
1914				
123257	4/23 4/23	CO Phila.	Requests expander cylinder for ice machine.Y TO Phila (T) remove from mach in store 4-24 To Phila. instructions.6/25.	
123651	4-27	Phila 536-274	Recommends ice machine cylinder issued as spare be not replaced.Y	
134498	9-14	MAINE	Expander cylinder for ice machine; removed from vessel; copy of letter Phila notifying of shipment. Y To Phila.-- Rec survey on. 9/26	

FILE No.	From or To— (Dated)	Subject	
29133 1/11	Renolds I.M.Co.	& MISSISSIPPI: Reqt final payment	291--13
30968 2/6	At.Flt	& MISSISSIPPI: rReynolds ice machine fairly satisfactory: suggest awaiting written report as they differ	291--13
31472 2/6	At.Flt	& MISSISSIPPI: fwds reports on Reynolds Ice Machine: invites attention to conflicting points there in	291--13
31580 2/5	C.O.	Reports on Reynolds ice machine. Y	
34488 3/21	At.Flt.	MISSISSIPPI & fwds reports of competitive test of Allen & Reynolds ice machines.	291--13
41081 6/8	C.O.	Reqt. repairs to Reynolds ice machine.Y	
42959 6 7/6	C.O.	Repairs to ice machine rocker arm.Y	
43544 7/5	Brown, W.F. Trustee (W.D.Forbes Co)	& MISSISSIPPI: states understands rejected an ice machines property of Company are at Phila.	291--13
45208 7/6 8/1	C.O. Phila 536-49	Reqt regrinding of rocker arm valve gear of ice machine. Y	
45338 6/8 8/1	C.O. Phila 536-36	Reynolds ice machine: reqt. new fly wheel. Y	
46845 8/17	C.O.	Alterations to refrigerating plant, et	237--8
48710 8/17	C.O.	Reqt alterations to cold storage piping, new manifolds for same, install new propeller, etc	237--8



IDAHO: ^{LD} PROPELLERS: SHAFTING.

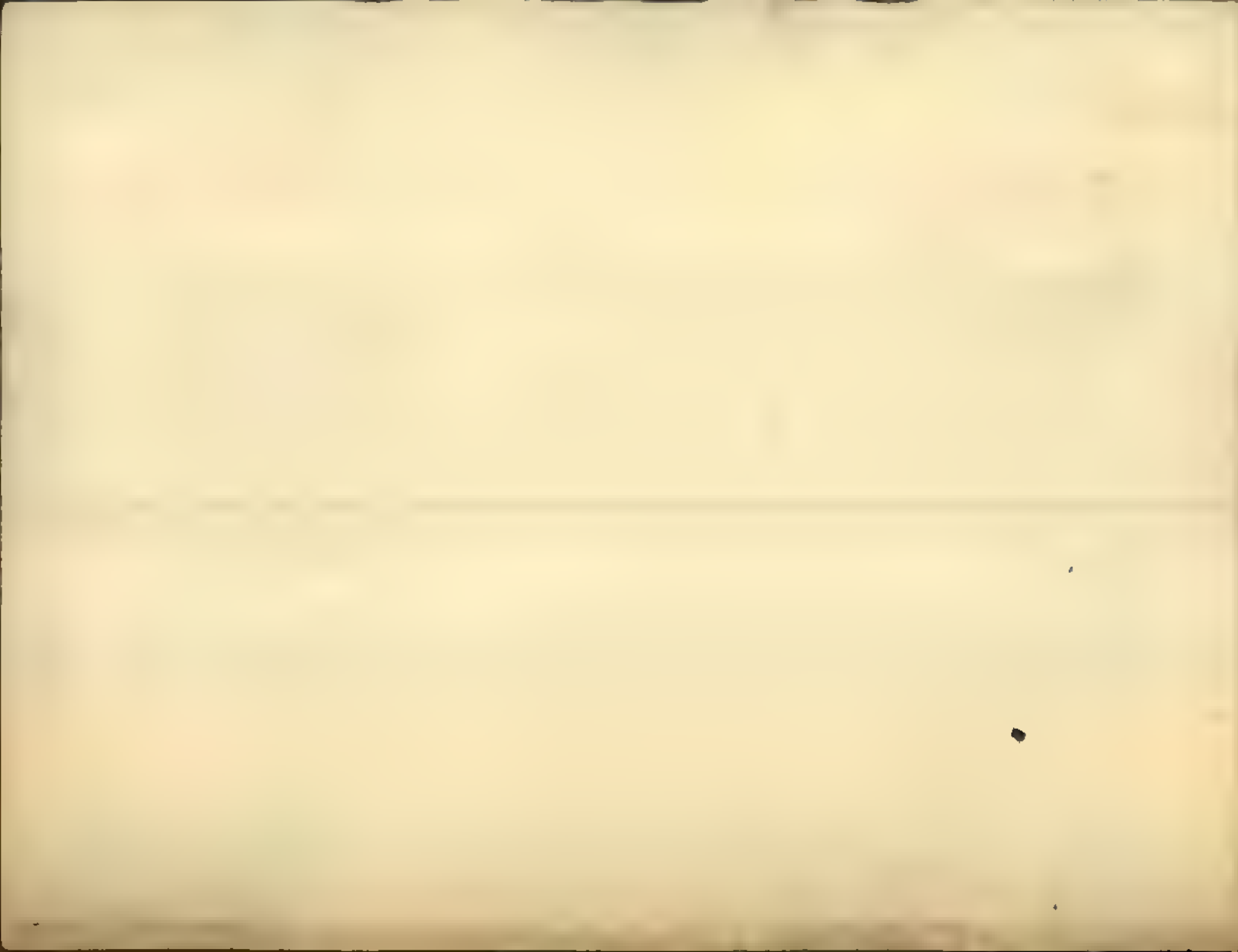
1912

Number.	Date.	From or To--	Subject.
✓ 71479	6/18	To Phila.	New propellers: request estimates for manufacturing; forwards print.D To--- Est should include set of spare blades. 7/23.
74589	7/29	Phila. 536-164	Estimate for manufacturing new propellers. Y Ref-Dept. recom.appd. 7/31 To- appd 8/5.
101406	7-10	Ports 2463	1913 Lignum Vitae bearings; unable to examine while in dry dock due to lack of time.L.
✓ 110561	11-13	Phila 536-164	Propeller measurements; fwls D.
121683	4-5	Phila 536-467	1914 Shaft clearances; reports. Y-D To--- rewooding of outboard bearings unnecessary. 4/7.

[illegible]

IDAHO: PROPELLERS: SHAFTING.

FILE No.	From or To— (Dated)	Subject.	
✓ 36776 4/14 4/18	C.O. Phila 536-113	Reqt. propellers be measured while vessel is in dry dock.D To C.O. none received. -To Cramps. request for measurements. 4/22. To C.O. Prints fwd. 4/27.	
✓ 37100 4/25	Cramps 1483	Fwds propeller measurements.D	
37336 4/26	Phila	PROPELLERS: reports test made of bolts: States shipped was docked before receipt of letter directing examination of bolts.	697
46845 8/17	C.O.	Install new propeller, etc	237--8
47049 8/16	C.O.	IDAHO: repairs: shaft bearings, stern tube, etc	237--8
47858 8/24 9/2	Phila C&R 17740-E.18	Reqt. propellers be not changed until after completion of rolling test with bilge keels removed. Ref. Dept. disapproved 9/5 RB 9-10 Fwd C&R noted. 9/18	
48710 8/17	C.O.	Reqt alterations to storage piping, install new propeller blades, etc	237--8
49267 8/16	C.O.	Repairs to propeller bearings, etc	237--8
50454 10/4	Phila	& MISSISSIPPI: fwds measurements. 1912	291--14



IDAHO: PIPING SYSTEMS:

OLD

Number.	Date.	From or To—	Subject.	
39182	4/20 5/16	C.O. Phila 536-30	Repairs to one section of copper piping, main injection port, y To Phila. Appd. 5/22.	
46845	8/17	C.O.	Install separators in aux. exhaust line, exhaust lines from dynamo room	237--8
48710	8/17	C.O.	Reqd alterations, change in line, exha st. etc Cold storage piping.	237--8
56024	12/23	To Dept	IDAHO: rec. app. additional estimate for moving exhaust line of after dynamo room.	237--13
1912				
65577	4-2 4-5	Phila 536-316 CO	Dynamo exhaust line: Yard recommends against changes owing excessive cost. C.O. offers sub estimate for changes originally recd. D Est. Phila. for estimate and rec. 4/6. RB 4-20 To Phila. change authorized. 4/22.	
69728	5-25	Phila 536-316	Dynamo exhaust line. Revised estimates, y To -- Mfr and installation of new dynamo R.F. valves authorized. 5/28.	
83970	11-27	CO	Reqd. nipple connections steam and exhaust line to anchor engine and ice machine D. Fwd Phila. for estimate. 12/4. RB 12-12 To Phila. appd. 12/12.	

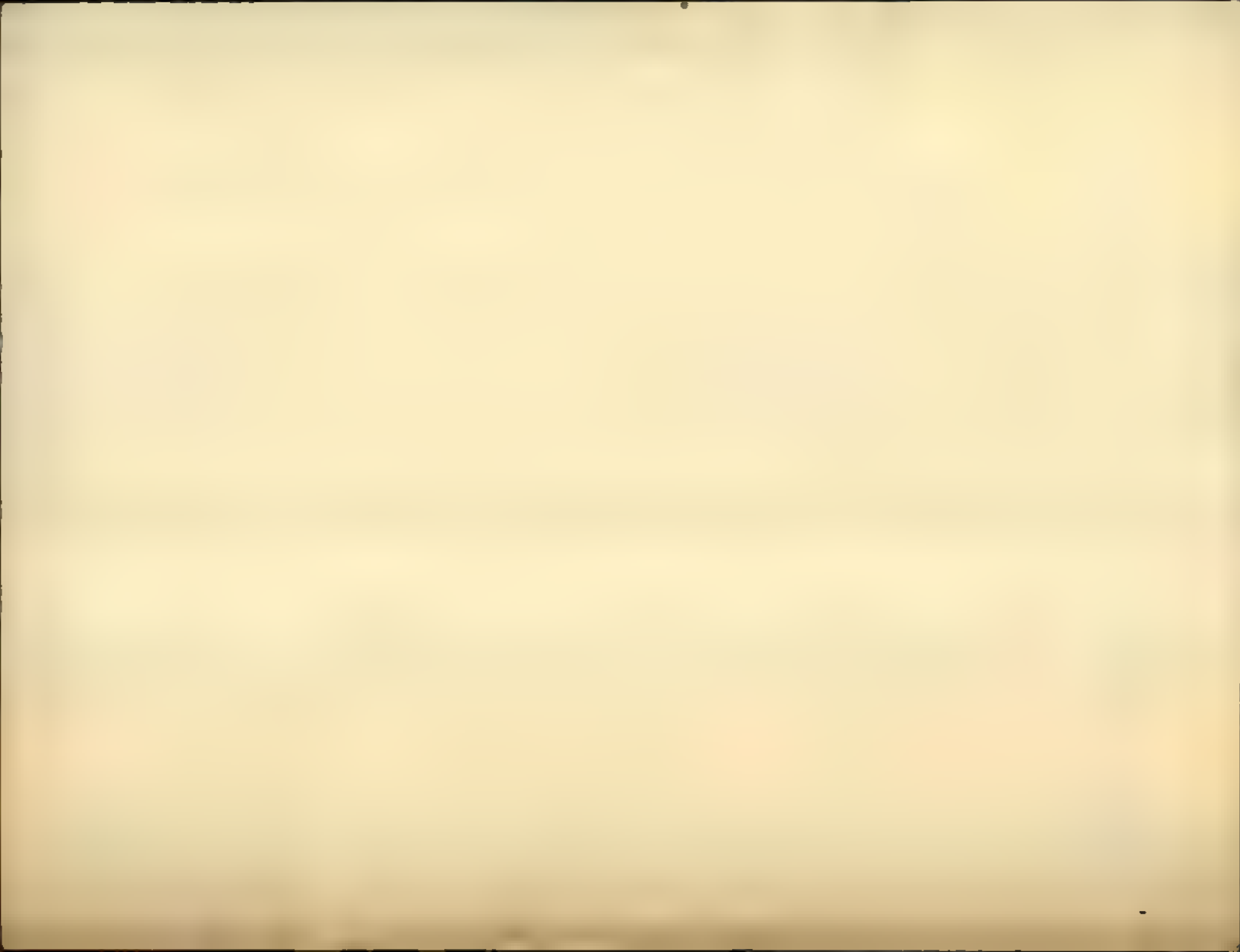
1913

1914

FILE No.	From or To— (Dated)	Subject.
✓ 34286 3/20	TO Mass	Engine lathe: reqt. return of contract. R
✓ 34286 3/29	Mass	Lathe: returns contract; understands inspection orders cancelled. S
		1912
74681 7/30	CO.	Recommends installation of 18-in. lathe to replace present 14-in. in machine shop. D Fwd Dept. red disappr. 8/2 R E To Phila. disappd. 8/5
78344 9-11 9-14	Niles Bement & Pond CO	Company offers to exchange band rest for tool base of lathe on board without expense to Govn. Y Fwd. CO -- Disapproved 9/20
81391 10-28	CO	36" lathe: reqt. repairs. Y Ret---10/31.
		1913
		1918

IDAHO: PUMPS: GENERAL:

FILE No.	From or To— (Dated)	Subject.	
✓ 32985 10/22/10 3/4 Phila C&R		& MISSISSIPPI: Elec. motors for flushing pumps. D Fwd Dept. rec. S.E. work be auth. 3/8. R.E. Appd. 3/9. Ret C&R 3/10.	
35957 4/10 Phila		& MISSISSIPPI: distiller circulating pump: reqt print	291--19
55689 10/18 12/5 C.O. Phila. 536-76-2		Main air pumps: requests valves be renewed.Y	
73401 6/30 7/9 CO Phila. 536-210-6		1912 Repair distiller circulating pump.Y	
83973 11/27 C.O.		Reqt repairs to valves, circulating pumps.	237--8
115460 1/17		Reqt yard force overhaul air pumps	237--9
		1913	
		1914	
115460 1/17 C.O.		Reqt yard force overhaul air pumps	237--9



IDAHO: VALVES.

~~1912~~ 1913

Number.	Date.	From or To—	Subject.	
93228	3-14 3-16	CO At. Flt.	Reqt. new boiler blow valves. Y Fwd Phila appvd. 3-25 E.B. 4-5 To Phila. appd. 4/7.	
94739	4/7	C.O.	Alterations, valves, etc 1914	237--8
154	3/17	Phila	Bottom blow valves; error occurred thru Lt. Kolley taking up inspection work after partially completed by Connell.	629

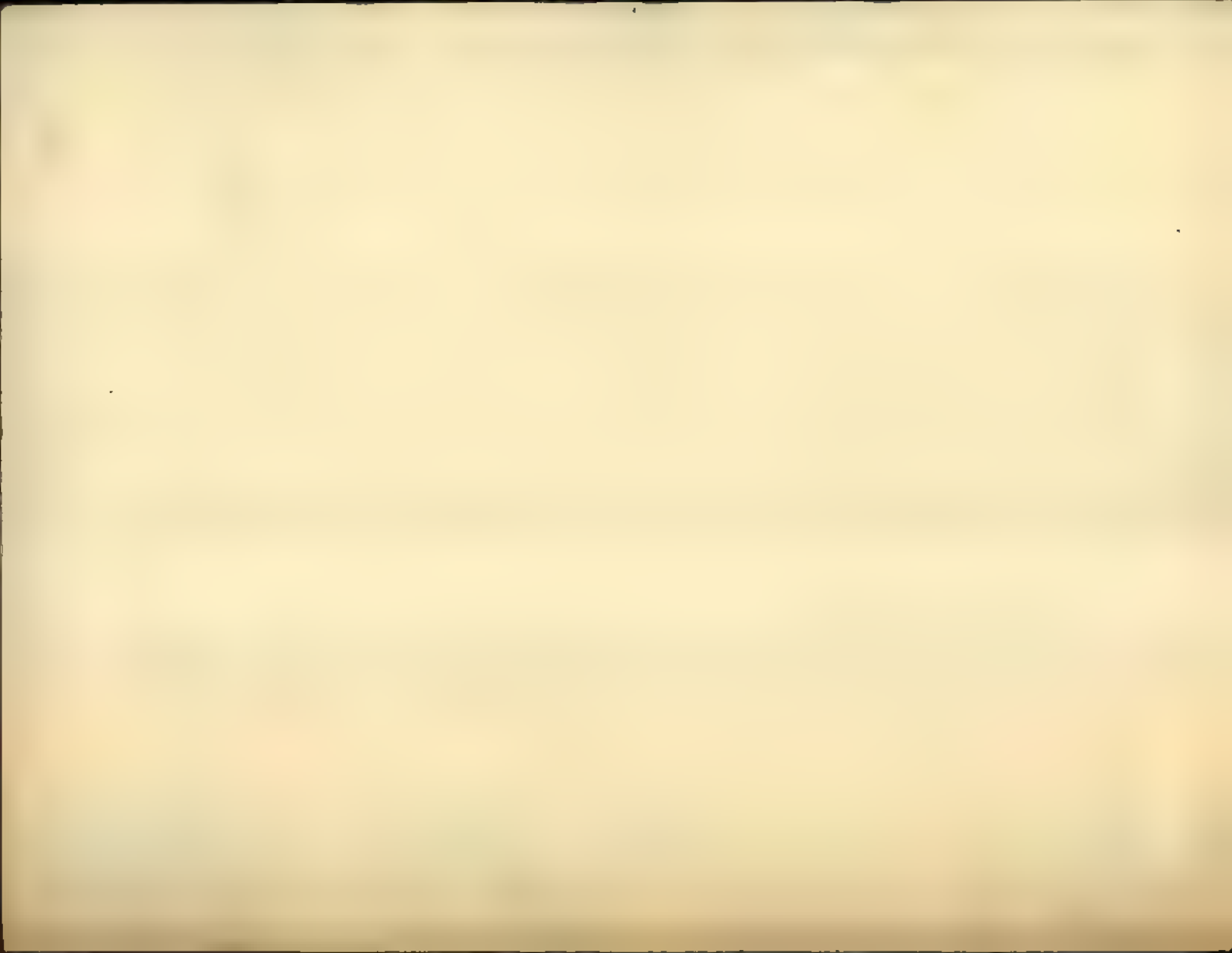
IDAHO: ALLOWANCE.

1912

Number.	Date.	From or To—	Subject.
83958	11-30	CO	Reqt. increase in money allotment Enfy.R To---Not appd. 12/3.
			1912
97388	5/5	CO	Requests increase \$1000 in money allotment.R Fwd Dept. rec. appr. 5/17. BB 5-31 To---appd. 6/2.
106038	9-18	CO	Re t. permission to turn in excess stores. 8 To - turn in and submit explanation. 9-24 BB 10-2. To Phila. changes. 1/22.
405246	5-1	Insper NYS	Fwds elec allowances book.

OLD
IDAHO: ALLOWANCES:

FILE No.	From or To— (Dated)	Subject.	
✓ 35374 3/27 3/31	C.O. S&A 58239	Reqt. M. To C.O. via S&A Fwds blank copy to be filled in from copies on board. 4/8. Fwd Nav No 78. ply received to 19590-R of Aug. 1, 1910. 4/8.	
✓ 42995 6/21	C.O.	Reqt. authority to turn in unnecessary stores wireless supplies, and misc. elec. articles. R Ret -- approved. 7/12. R. L. 8 5	
54319 12/11	To C.O.	ALLOWANCE: will consider specific application for increase of equipage and spare parts.	603
56756 12/22	To Nav.	At. FLT: rec. re increase of complement.	493
		1912	
58249 1/20	To Phila.	& MISSISSIPPI: amendments re grate bars. 291-10	
67839 5/2	C.O.	Reqt allowance tube cleaners be increased	238--10
67839 5/7	To Phila via S&A	Tube cleaners; directs amendment. R	
74734 7/30	C.O.	Reqt permission to turn into store 6 traps. R Ret-8/10 appd.	
✓ 82353 10/16 10/30 11/11	CO S&A 112570 C&R	Reports on excess stub requisitions on board ship, and gives understand- ing of Gen. Order No. 78. R Fwd Ord. 11/13. R 24-17 Fwd Dept. 4/14.	



237 -- 23 OLD
IDAHO: AIR COMPRESSORS:

1

FILE No.	From or To— (Dated)	Subject.	
34560 3/24	TO C.O.	Reqt. report on possibility of repairing W BB 4-17 Ret C.O. Directs reqn. be submitted for air compressor for wireless condenser. 4/26.	
		1912	
		1913	

OLD
IDAHO: INSTRUMENTS & GAUGES.

Number.	Date.	From or To -	Subject.	
75793	8/12 8/13	CO Phila 536-339-6	Kaiser tachometer: requests mfr of cross and brackets for and fitting of same. D Ref Dept. rec. disp. 8/15 E 8 17 Ref Phila. reqt information 8/17 RB 8-20 To Phila rejoin. 10-22	
			1913	
		1914		
72	12/12 1/3	Elec. Speedometer Co. S&A	Reqd payment for shaft revolution indicator set for IDAHO.	629
134099	9-4	At Fleet	Counters, chronometers, etc: Asks disposition made of. To Phila-- Req information. 9/14 Phila gives price of Bailey Rec counter: reports on dates of shipment 8-17 To NY-- Req information re. 9/19	
✓ 135966	9-30	NY	Reports receipt of measuring instruments set from NORTH DAKOTA.	

IDAHO: RECORD OF WORK

1913

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[illegible]

FILE No.	From or To— (Dated)	Subject.
9937	1-31 At.Flt(T)	Reynolds ice machines; asks if satisfactory. Wire reply.
25386	2/2 Elec.Speedometer	Co; Hopkins tachometer; copy C.O.report fwd.
9937	2/6 Fwd S&A	Reynolds ice machines; Rec final payments.

FILE No.	From or To-- (Date)	Subject
9937 10-25	10-25 Phila Reynolds Ice M. Co.	recooler Co; Ice Mach.moisture separator; Price
22626 10-27	C.O.	Boiler tubes; re turning in extra to Phila.Yd.
25386 10-29	C.O.	Tachometers; Rec.report on operation.
9937 10-30	C.O.	Ice Machine; spare parts not received; wants to retain old parts.
25519 10-31	11-3 Dept C&R	Rolling and speed of: Papers re experiments to determine effect of bilge keels.
25519 11-1	11-3 Dept C&R	Rolling and speed tests; reports completion.
24391 11-2	11-2 At.Flt	Tub.Hg. GUTTIT; No test.
25170 11-2	11-3 Phila. S&A Phila	Main bearings; Mr. Jof 4 studs; Rec.Oct.31. Payment
25194 11-2	11-7 C&R Dept Phila.	Repairs to voice tubes, searchlight controller stowage, etc. List of dated Aug.17.
24071 11-5	C.O.	Elec.Plant, quarterly report; Bu. as's write of 6th and 12th Hg. Cans.
26176 11-14	Phila	Propeller hub; report of physical test.
17877 11-10	C.O.	Fibre valves (Arm Fibre Co); submit's report on
9937 12-2	12-6 Phila Reynolds	Ice Machines rejected; Asks re disposition.
9937 12-9	12-10 Reynolds Co-Phila	Ice machines; reqsts to be granted a few days grace in removal of at Phila.Yd.
24391 11-26	C.O.	Sug.Signals; Has had no opportunity to test new installation
9937 12-12	12-23 Forbes, N.D. S&A	Reynolds ice machines; states spare parts were not shipped via Culgoa.
9937 12-23	At.Flt	Reynolds ice machines Nos.112 and 111; req.report on performance.
9937 12-23	12-23 S&A S&A	Ice Machines; Reynolds Co.reqst paymt of balance.12-28 S&A
24871 12-5	C.O.	Desk fans; reports giving poor satisfaction.
25386 12-3	12-27 C.O. C.O.	Hopkins Elec.Tachometer unsatisfactory.
9937 12-29	1-3 Reynolds Co.	States Spare Parts will fit latest machines and directs that they be retained.



FILE No.	From or To— (Dated)	Subject.	
22332	9-22	Sub. Sig. Co.	Submarine testing outfit, rel test of:
23772	9-13	10-1 C.O. Dept; ihila	Feed water heater. Repairs to: "No. 9-17-10" 10-3 ihila ice machine, etc. do 17-13 At. Mt
24026	9-26	10-1 C.O. MA	reqn 1. boiler tubes on. reqt cancellation.
24038	9-22	10-16 C.O. Dept	Launch 343; wants gaso. eng. installed. Launch 979 has proved of great value. 12-18 C&R
9937	10-4	10-1 In Hart InHart	Ice machine; Shop test reports
24321	10-3	10-5 C&R ihila	36' cutter 606 assigned in place of 468.
9937	10-5	10-6 ihila ihila	Reynolds Ice Mach; Not received.
9937	10-7	10-12 InHart ihila	Reynolds ice machine; Shipment Oct. 10th.
9937	10-7	10-11 InHart ihila	Ice machines; Re shipment. 10-21 C.O. Miss
24105	10-10	C.O.	Sailing launches with gaso. engines; Report on
24051	10-10	ihila.	Ward boiler 6-3; 7" pipe for and one "ol head for distiller, reqd Oct. 3.
9937	10-12	ihila.	Ice machine; Returns papers re date of del.
9937	10-14	10-17 S&A S&A	Ice machine; 10-17 S&A if reqd by 18th, in- struction can be finished by 20th.
24775	10-4	10-13 C.O. C.O.	Ice railing box; Req. auth. to turn in one
22939	10-15	10-15 Ord. Dept	Repairs; Finance; Req. 1. t. 7 10-16 ihila 12-28 Ord
24071	10-17	C&R	Elec. Plant; Forwarding quart. report for information called for on report.
9937	10-7	InHart	Ice machines; Re shipment about shipment (Tel)
9937	10-16	ihila	Reynolds ice machine; Asks for tested machine
9937	10-15	ihila	Ice machines; Final payment.
25025	10-19	ihila	Port engine; stud for main bearing; req. Oct. 14-
25025	10-19	ihila	Starbd engine; studs for main bearing.
9937	10-20	10-25 C.O. Reynolds	Recooler and mixture separator of ice machine; (Tel) wants to retain on board.



FILE No.		From or To— (Dated)	Subject.	
21501	8-5	C.O.	comments on new steam log forms.	
21564	8-17	8-22 Phila Phila	generating set, #8. estimate for repairs to	
21157		8-15 B&W Co	boiler header & twelve back.	
21157		8-16 AtlanticFl	Headers & tubes	
21717	8-19	8-23 Atlantic Ft S&A	reports tests of submarine signaling apparatus	
9937		8-22 Phila	Ice machine	
9937		8-22 Reynolds	Ice machine	
9937		8-22 Atl.Fl	Ice machine	
20572	8-19	C.O.	Ice making box Repairs	
22111	8-26	8-30 InHart Reynolds	Ice machines Test of	
22203	8-29	N.Y.	Boiler tubes being prepared for	
22378	8-11	9-2 C.O. C.O.	Lytton traps for steam heater drains	
22387	8-24	92 C.O. Phila	Fire control system Repairs	
22216	8-26	8-31 Dept	Air chambers on feed heaters	
22217	7-27	8-31 Phila	Ammunition hoists Starting panels	
20646	8-28	C.O.	Search light Defects in	
22332	8-29	9-6 C.O. Sub.S.Co	Submarine bell apparatus Report on test	
22626	8-25	9-16 Atl. FlDept	Boiler G Report of Board on	
22939	9-8	Ord.	Repairs Ord.	
22332	9-9	9-13 Sub. Signal Co	Submarine bell apparatus Insp.	9-21
22387		9-14 Phila	Repairs	
22626		9-16 Phila	Boiler G/ Report of Board on	
22626		9-16 C O.	Boiler G Report of Board	
9937	9-22	10-1 Inp PhilaInHart	Ice machine, results of shop test.	10-11 Phila

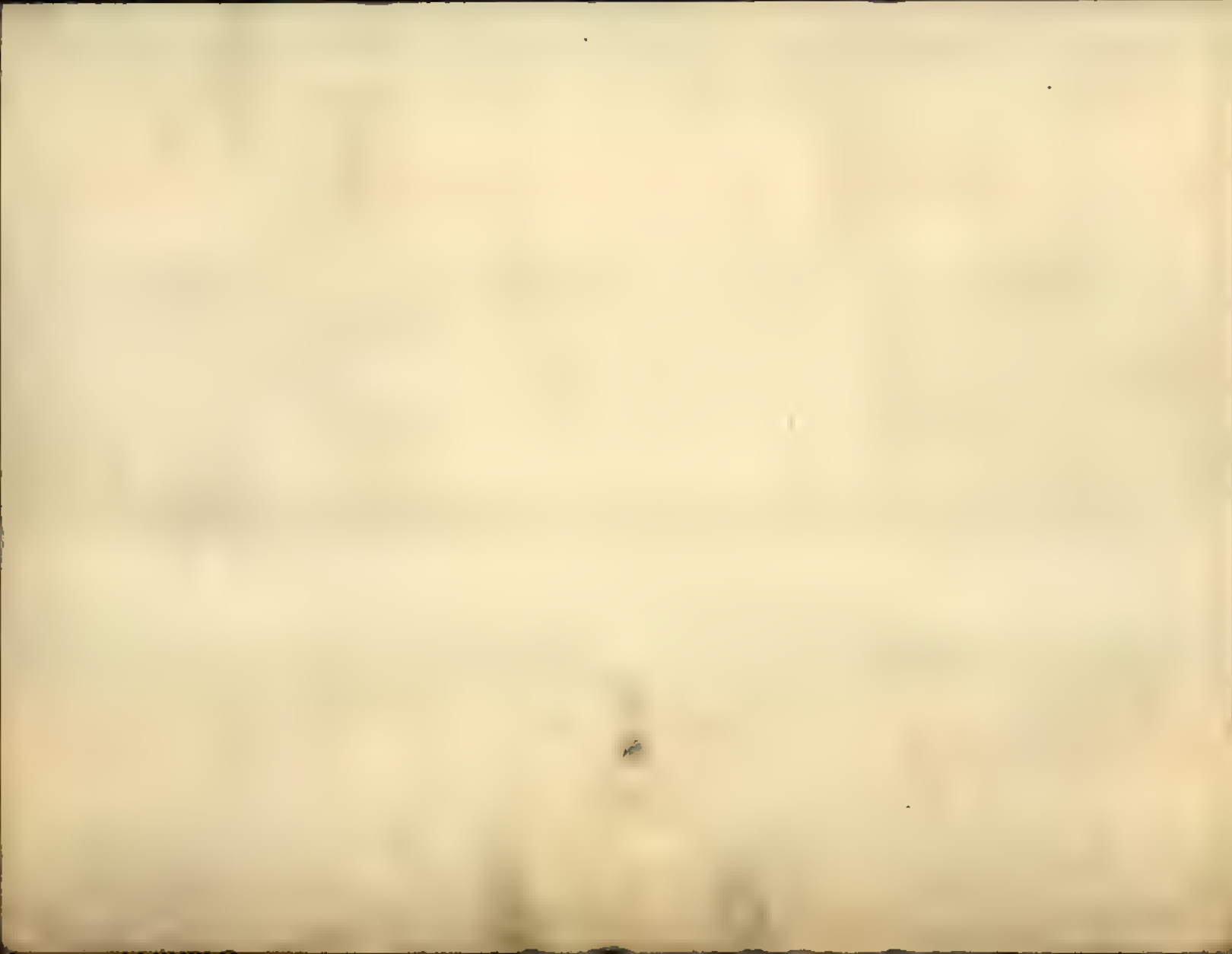


FILE No.		From or To— (Dated)	Subject.
13434	7-22	C.O.	Fiber valve On reqn 46
9937	8-2	7-25 Reynolds I.M.Co.	ice machine, ready for inspn.
9937	8-5	8-3 Inspr.Hart.	ice machine, reqt copy of contract for inspn work.
9937	8-5	Inspr.Hart.	ice machine, rel Inspr.Gleason rel remaining away from Headquarters. for inspn of.
20273	7-9	Phila	ships reqn 54, cylinder oil.
20342	8-5	9-7 C.&R S&A	report of inspn held at Guantanamo, February.
20359	8-5	8-8 Phila Ord	circuit breakers, fire control, rel location.
20451		8-8 Phila	generating sets, prints of.
20572	8-8	8-9 Atlantic Fl. Bos	ice making box, cast iron, reqt for.
20572	8-11	8-9 Boston S&A	Ice making box for ice machine shipment
9937		8-3 Reynolds	Ice machine Ready for inspn.
21157	8-13	8-15 C.O Atlantic Ft.	Boiler headers & tubes. Want shipped
21256	8-12	C.O.	Ships reqn 1 Boiler headers & tubes
21157	8-15	Babcock & W.	boiler headers, ack telegraphic order.
21157	8-15	C.O.	boiler tubes, rel length of.
20572		8-9 Atlantic Fleet	ice machine, ice-making box for. shipment.
9937		8-10 S&A	Reynolds ice machine, rel inspn.
9937		8-10 Comdr Higgins	auth for Inspr.Gleason to remain during test.
9937		8-10 Inspr.Hart	Reynolds ice machine, rel copy of contract.
20572		8-11 Atlantic Ft	ice machine, ice making boxes for.
20646		8-11 C.O.	electrically controlled searchlight, defects.
20572		8-13 Atlantic Ft.	ice machine, ice making box for.
9937	8-17	InspHart	ice-machine, 2-ton, reports on inspn



IDAHO

FILE No.		From or To— (Dated)		Subject	
15867	6-30	7-5	Phila INCramp	Propeller hub	Templets
16075	6-27		Phila	Survey 13	Compass plates etc
16094	7-2		Phila	Armature & commutator	Turn into store
16208	6-29		pPhila	Reqn 146	Spare parts for generator
16300	6-27		Phila	Survey 14	Glasses knives etc
16357	7-5	7-7	C&R C&R	Repairs	Submarine signalling tank
16573	7-5	7-11	Dept C&R	Fire control & plotting rooms	Overtime work
16720	7-8		Phila	Steam launch engine 699 G 2	issued
16831	7-7		Phila	Reqn 26	Motor starting rheostats
16899	7-7		Phila	Reqn 20	Insulators
17045	7-11	7-12	S&A S&A	Ship's reqn 45	Es. cost
15867		7-11	Phila	Propellers	Templates
17275	7-11	7-13	C&R Dept	Cage mast	20 ft mast on top of
17398	7-13		Dept	Ice machine	Covering of piping
17399	7-13		Dept	Piston rings	Phosphor bronze for
17633	7-13		Phila	Circuit breakers	Est. for installation
17415		7-13	Phila	Evaporator system in double effect	
17638	7-14		Phila	Fire control system	Changes
17872	7-14		C.O.	Main bearing studs	Blueprints
18026	7-14	7-21	Phila Phila	Propeller	Blueprints
18197	7-16	7-20	S&A S&A	Reqn 53	Pay office unable to secure quotations
13434		7-18	C.O.	Fiber valves	On S.E.Reqn 46
17877		7-19	C.O.	Fiber valves	
18818	7-22	7-23	EWheeler do	Tachometers	at Newport.



KANSAS: MOVEMENTS, ETC.

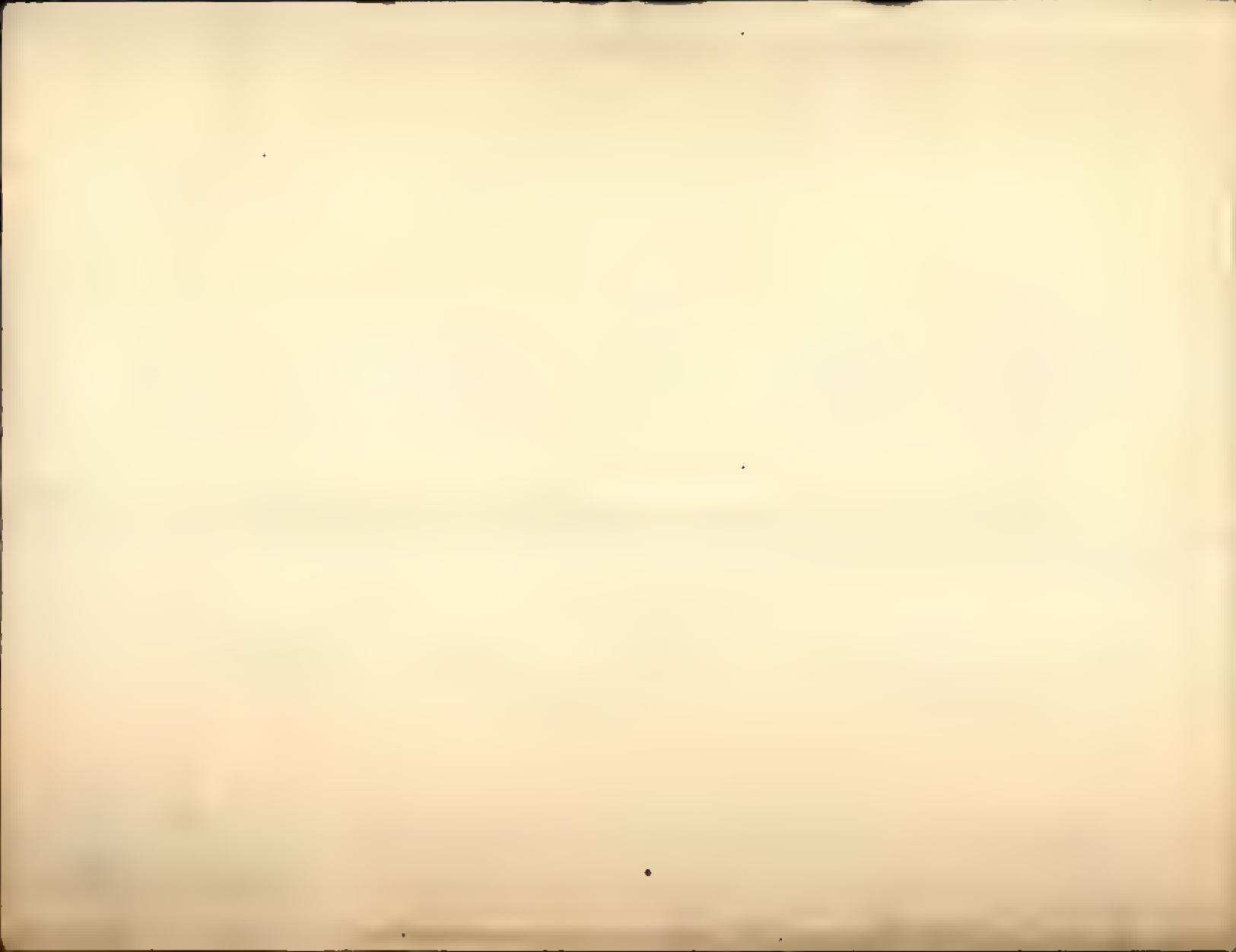
1913

Number.	Date.	From or To—	Subject.	
101851	7/19	Dept.	Engng Comp. Report B.	766
✓ 107949	10/15	Dept.	Umpire's report: fwds. F Ret Dept 10-16	
✓ 108943	10-28	Dept	Eng. Comp. Report A: Fwds. F Ret Dept. 10/30.	
✓ 113414	12-23	Bi on Changes NYS	Standardization trials: extra cost. N (J) fwd Dept. rec appr. 1/22	
		1914		
✓ 114772	1/12	To NYS JOINT	Inc. compensation account extra cost of standardization trials.	
✓ 115226	1-15	NYS 180-249	Fwds bill for increased allowance on account extra cost standardization trial. N	
✓ 130752	7-24	Dept	Report B: fwds. F Ret --- 7/27.	
		1915		
✓ 145003	1-19	Dept	Full power and endurance run: report. Retd-- Noted. 1/20	
✓ 147566	2-17	Dept	Report A: fwds. F Retd-- Noted. 2/19	

KANSAS:

MOVEMENTS, ASSIGNMENT: REPORTS-Misc.

FILE No.	From or To-- (Dated)	Subject.	
29778 1/15	At Flt	SALVATOR REVOLUTION RECORDER: installed on for trial: Fwds report on	665--2
34501 3/14	C.O.	VALVE GEAR: Lovekin, reports on.	636--7
62366 2/15	Kansas	1912 Salvator speed regulator: report on test of: not adapted for use Naval service	665--7
✓ 62528 3-1	Dept 28004-1-260	& SOUTH CAROLINA: LOUISIANA: MINNESOTA: Eng. comp. trials: report "A". Fwds. F-D-Y Ret-2-3/16.	
✓ 84949 12-9	Dpet	Report "A" eng. Comp. F Ret---12/19.	
89503 1/29	Dept	1913 & WASHINGTON: directs increased cost on account of changes in trial be referred to Board on Changes.	474--2
✓ 90792 2-20	NYS 419-249	Increased cost due to standardization trial: reqt. report of trial board for temp/ use. N To--Fwds papers 2/21. NYS Fwds est. inc. cost. 6-4	
100420 6/27	To Bd on Changes-J	Increased allowance on account of extra cost of standardization trials: Fwds papers. To be adjudicated by Joint Board.	



KANSAS: ELEC PLANT.

Number.	Date.	From or To—	Subject.
307076	3/27 5 15	CO C&R	Fwds blue print showing scheme f r installing water tight cover plates without removing con- duits - recommendation re-location of conduits. -L Fwd Phila. 5-25 - 6-29 C & R - Repts action. L 6:10 Phila - 6-14. To C&R. matter of repairs taken up with Phila Fwd C&R. 7-5 6-19
479887	3-5	To Phila (T)	1920 - Auth to use plain cable instead of lead and armored for repairs turret wiring. -L

[illegible]

KANSAS: ELEC. PLANT.

1912

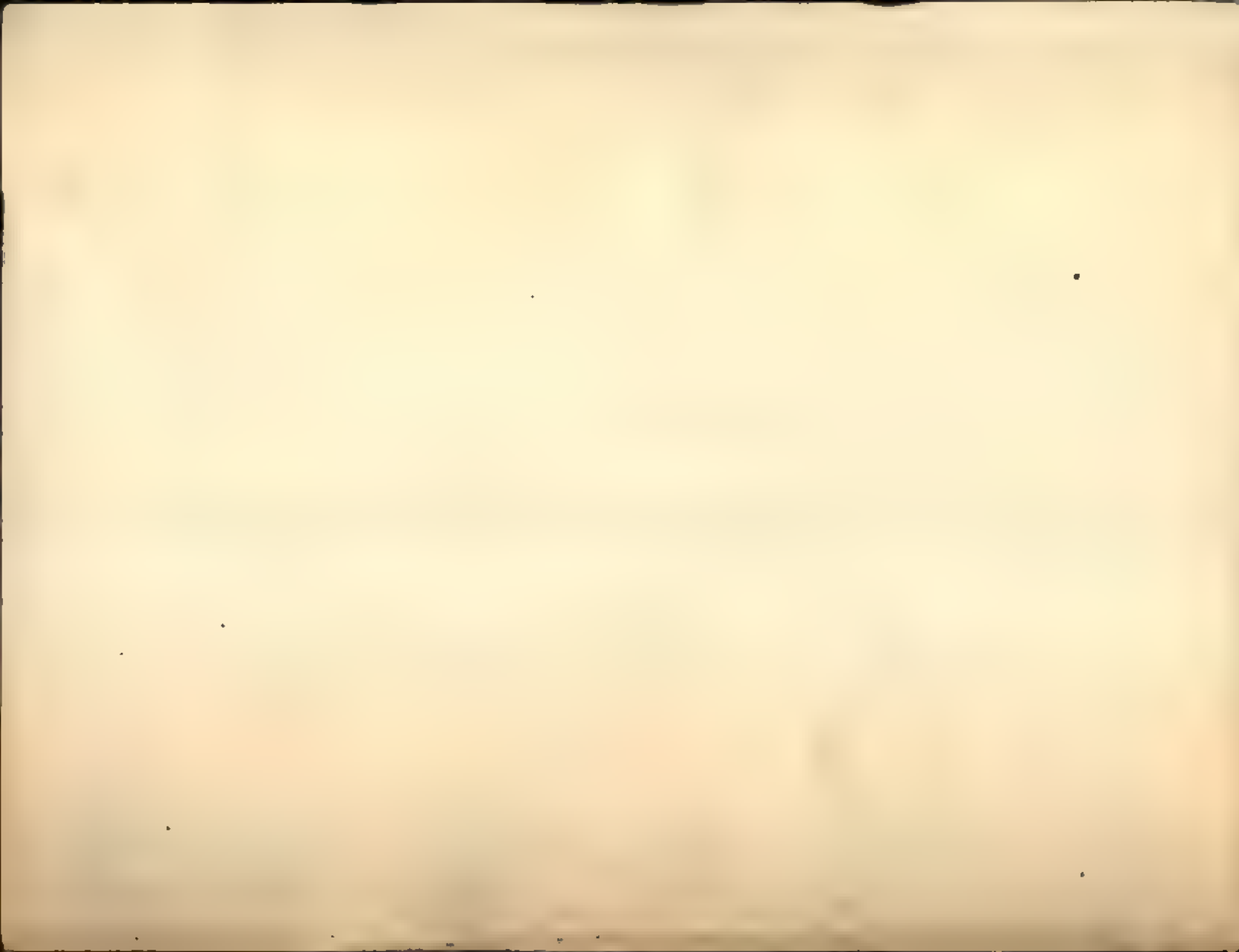
Number.	Date.	From or To--	Subject.
84387	12-4	Phila 580-340	Install new combined fire and conning towers; and torp. firing station; work has been approved but impossible to carry out unless Bureau grants additional funds requested. L To---Addtl allotment impracticable. 12/7.
			1913
86282	12-28	Norfolk 3120-580	Elec. plant; fwds list of tracings fwded to Phila. L.
			1914
122976	4/14	GO	List of electrical work to be undertaken by ship's force during overhaul period. L
123340	4/24	Phila 580-290	Requests all electrical tracings and Record of Elec. Appliances on file at other yards be forwarded. L Fwd Norfolk comply with request 4/27. L Ret---5/11. 5/20 TO NY fwds tracings 5-25 TO NYS & Bost 5-25 NYS 5/26 only one copy of record on hand: balance destroyed by fire. L Fwd NYS fws a copy to Phila 5-28. 5/28 NY 5/28 not on file at yard. L Boston 5/29. No record. L
			1915
144579	1-14	GO	Reports damage to elec fittings during recent storm. L Dup thru Dept 1-15 postpone work as not absolutely necessary. To Phila---(T) Reqt necessary repairs be expedited: wire extent work. 1/16 Dup thru Flt 1-15

KANSAS: ELEC PLANT. 255-3

1915
1913
1912

Number.	Date.	From or To—	Subject.
✓ 144810	1-18	Phila	Can complete in 4 weeks renewal of wire for forward turret.L
156658	6-1	CO	Repairs to misc motors, illuminating sets, WT doors, switchboard, etc.L
184733	4/E	CO	Repairs by ship's force, elec. dept.L To—Use leaded and armored wire instead of conduit proposed. 4/15
185529	4-21	CO C	Get authority to turn in misc motors, field coils, etc.L To Via Phila—Appvs: call survey. 4/24
✓ 197785	8-4	CO	Changes necessary to meet requirements turret board.L CO further 9/9
✓ 198755	8/29	CO	Install S&R boxes for searchlight loads and re- place cut out switch for engine telegraph indicator.L Get Phila. For estimates 9/19 RB 10-19 Re Atl Plt—Get info as to whether there are cut out switches for conning tower instruments on VERMONT, NEW HAMPSHIRE & MINN. 10/30
200943	9-23	CO	Request authority to turn in motor generator, dynamotor, searchlight lamps.L To CO-via Phila—Auth. 10/5

FILE No.	From or To— (Dated)	Subject.
32773 1/4	C.O.	Reqt. installation of cargo lights, and other elec. repairs. L. Fwd. Norf. for recond. & estimate 3/3 R.B. 3/24 with est. Fwd Dept via C&R Rec aprd 3/30. R.B. 4/8 apd. Fwd Norf. 4/10. EB 4-17
✓ 50344 10/4	Norf 5292-8090	Elec. work in connection with alteration fwd bridge. L. R.B. 10/10 apd. 11/20-250. 10/12. EB 4-17
✓ 50448 10/4	Norf 5304-8111	Fwd elec. work in connection with vent. of new offices. L. R.B. 10/18 C&R. Incidental work auth. 10/9. NB 10/18 C&R auth. skylight in lieu of art. vent. Fwd C&R. Noted. 10/19.
1912		
✓ 62653 3-1 3-4	Norf Dept 886	12" ammunition hoist: Dept directs estimates: also for V. RMONT. L. Fwd C&R. Gives estimate. 3/6.
64464 3-18 3-21	C.O. Norf	Reqt. fire and engine room be rewired with heat-resisting wire. L. To C.O. via Tor. Not apd at this time. 3/30.
78647 9/23	To Norf.	Tube hoists - report amount spent under E of V.
✓ 82857 11-14	Phila 580-340	Combined conning and fire control tower: est. for elec. work. L. To Phila - approved 11/19



KANSAS: INT COM SYS.

Number.	Date.	From or To—	Subject.	
298727	5/9 3/25 4/16	CO Dept Ordn	Completed work on inatallation of target indicator system and install Forbed log	L
32504	5/3	Holtzer-Cabot Co.	Reports re ceipt of telephones from the KANSAS.	629
345387	9/5	CAR	Request confirmation of authorization of additional voice tube arrangements - L to C. Confirms understanding re repairs and alterations, 9-9	
353001	9-35	CC	Requests gyro relay Fwd Nav. 10-1	L
368603	11/13	CAR	Voice tubes - fws prints - L	
411834	4:16	Phila	Wiring diagram of gyro compass and target turret. PC System fws prts L 10- Plan apwd. 4-22	

KANSAS: INT: CCL: SYSTEMS:

Number.	Date.	From or To	Subject.
451307	10-1 10-13	CO Phila	Reqd rearrange plotting room. L Fwd CAR. 10-17 To Comdt Phila- Re-location of Instruments disappvd. copy to CO and CAR. 10-17 CAR 10-25 Copy ltr to Phila
474330			Phila-2;13

KANSAS: INT. COM. SYS.

Number.	Date.	From or To—	Subject.	
167494	10/4	Phila	Director firing system; KANSAS, MINNESOTA. CONN: asks if plans submitted Sept 23rd satisfactory for these vessels	647
183851	4/4	Phila	Location of torpedo defence station; fwd list of voice tubes, etc.L	
185180	4-8	CO	Fire control telephones; arrgt of instruments Fwd sketches.L	
186199	4-27	Nav gn	Awkward arrangement of gyro compass.L To Via C&R—SE work authorized. 5/2	
✓ 202821 ¹⁷	10/18	Phila	Fire control changes; fyda print showing height of searchlight platform.L Fwd C&R—With recommendations. 10/26 Fwd—11/13. 12-1	RB 11/3
✓ 209166	12-19	Phila	Fire control telephone circuit for anti aircraft guns; estimate.L To—apps est. 12/23	
208669	12/20	To C&R Phila Nord	Rec voice tube from fore-castle to anchor eng room of. L	169-4
217314	3-8	C&R	Gyro compass; auth work under C&R.L To Phila—work auth. 3/17 Fwd Navgn—3/17	

KANSAS: INT COM SYS.: 255-4

Number.	Date.	From or To—	Subject.
217314	2-24 3-8	Phila C&R	Gyro compass; estimate for installing. L
✓ 230484	5/26	C&R	Location of search light platform and torpedo defense stations - fwds print L
238953	7-16	Atl Fleet	Recommends that the be fitted with auxiliary batteries for interior communication. Plans generating set will place all communication on board out of commission. 743
✓ 283374	2/12	Ordn	KANSAS CLASS - copies of correspondence relative to removal of 6 seven inch guns - L
286439	~~2-27~~ 3-4	CO C&R	Changes in voice tubes. L Fwd C&R 3-14
292494	2/21 3/23	CO Atl Flt	Standard gun firing panel - request changes in - L To- changes proposed ap vd/ 4-2
294210	3-29	CO	Utah type telephone - old type ready for shipment about April 1st. L

KANSAS: INT COL. SYS.

1914

Number.	Date.	From or To	Subject.
115199	1-15	Phila 580-467	Telephone system; estimate for new.L. To--- Gives list of material Bu will order. 1/24. fwd Dept. rec appr. 1/26. 2/1/24 To--- appd. 1/28.
122374	4-11	Phila 580-343	Fire control telephones: fwd plans.L.
123309	4/24	Phila. R	Asks if telephone switchboard and telephones in store for MINNESOTA can be diverted to the KANSAS.L. TO -- (T) install MINN on KANSAS; TENN on MINN 4-25
123528	4-24	Phila 580-333	Ship service telephones: plan.L. To--- appd as mod. 4/28.
126376	6/1	Phila.	Call bell circuits. rewiring; additional estimate.L To Phila. appd. 6/4.
127237	6/6 6/12	Co C&R 27582-B.31	Alterations to voice tubes.L Ret C&R. with rec. 6/16.
145105	1-19	CO	1-C motor generator: rect. be replaced.L fwd Phila. for estimate and rec. 1/21 Vol 2. fwd CO. Rect statement on motor generators. 1/29 To--- instructions 2/4 To Phila. Rect estimates for providing 20 volt int com sys. 2/4

KANSAS: INT COMSYS. 255-4

1915

Number.	Date.	From or To—	Subject.
147511	2-16	Phila	Estimate for repairing motor generators for I-C system. L To--Instructions. 2/20
148438	2-27	Phila	Motor generator for salvo circuits. L To--Instructions. 3/3
149197	3-8	Phila 580-315	Salvo generator: fwds plan. L To--Appvs with comment. 3/11
150134	3-18	Phila 580-315	Salvo generator: fwds list of motor generators on board; recommends work be done by snipe force. L To--Concurs in. 3/24 Phila will report arrival 3-29
156185	5-28	C&R	Alterations to fire control and I-C voice tube. L To--Recommendations. 6/1 RB 6/5 Fwd C&R--Noted. 6/6
158095	6-14	Phila 88014	Visual repeaters: estimate for connection boxes for. L Fwd Ord--For comment and rec. 6/22 RB 6/29 Fwd Dept--Rec disappvl. 7/6 RB 7/8 Fwd Ord--Noted. 7/8
158095	VOID		
163599	8/17	C&R	Voice tubing in connection with battle radio. L Fwd C&R 8-18
163604	8/17	C&R	Approval of use of 3" tubing from conning tower to after torpedo room. L Fwd C&R 8-18
164448	8-24	CO	Reqt authority to turn in 2 I-C motor generators. L Fwd CC via Phila--Appvs. 8/30 RB 9/11

KANSAS: INT.COM.SYS.

1912

Number.	Date.	From or To—	Subject.
80641	10-16 10-19	At.Flt 1957 Dept	Reqt. that alterations to conning tower, bridge etc., be undertaken during overhaul period ending Mch. Dept. believes impracticable. L Fwd Ord 10-22 R.B. 11-14 Fwd C&R. 11/15.
✓ 80888	10-23	CO	Telephones; explains reason for desiring to retain H-C type L.
✓ 81236	11-4	Dept	Installation of new conning and fire control tower originally purchased for SOUTH CAROLINA; directs estimate be submitted. L To Phila. Request estimate. 11/7.
82857	11/14	Phila	Combined conning & fire control tower, est. for elec. work 255--3
83809	11/29	Dept t	Combined fire control and conning towers, to be installed. 647--11
83979	11-27 12-2	Dept C&R 27582-E.12	Fire control and conning tower; installation during overhaul period; limit Mch. 31st. L Fwd Ord. 12/3. To Phila. Instructions. 12/4.
86975	1/26 1/29	CO Phila. 580-320-6	1913 Extend torpedo firing service to top of fire control tower. L To Phila. appd. 2/1.

KANSAS: INT.COM.SYS. 255-4

1913

Number.	Date.	From or To--	Subject.	
90108	2-5 2-7 2-12	Phila Constr C&R 22286-E.16 Dept	Re-arrangement of bridge incidental to fire control and conning tower installation.L To Phila. authorized 2/14. Ret C&R. 2/14.	
92857	3-12 3-17	CO Phila 580-334-6	Repair elec. engine telegraph.L To Phila. apvd. 3/21.	
✓ 93166	3-21	Phila	Submits increased estimate for overhaul Solenoids of Warning Whistles.L. TO -- apvd 3-25	
93930	4/12	Dept	& Class. Authorizes removal 2 in board 3" bridge g.n.s.	455--4
✓ 95710	4-30	TO FIRMS	Bu. contemplates purchase of ships telephone sets. Reqt. conference. L Western Elec. Co. 5/5 & LOUISIANA representa- tive will call within 10 days.L E-C Co. will submit samples 5-9	
✓ 96753	5/6	Stromberg Carlson Tel- ephone Mfg. Co.	Quotes and forwards photograph of telephone.L	
✓ 98635	6-3	Western Elec. Co.	LOUISIANA; telephones; are getting together plans.L	
✓ 113783	12-29	Western Elec Co	& LOUISIANA: Asks when purchase of telephone system is contemplated.L To---contemplate installing new telephones on LA and VERMONT, but not on KANSAS. 1/5	

KANSAS:INT.COM.SYS.

Number.	Date.	From or To—	Subject.
✓ 52318	10/28	Norf NC	Elec. engine telegraph and time firing device; estimate for installing conduit and handers. L Ret---Appd.11/1. RB II-10
✓ 52319	10/28	Norf 5813	Alterations to bridge; est. for elec. work. L
52289	10/27	Phila.	CONNECTICUT: Fire control voice tubes; asks if alterations on drawing 1896-L have been made at other yards. 169-4
54014	11/15	Norf 580	Submits estimates for fire control work with addition of conduit. L
54170	11/18	Norf.	KENTUCKY: engine room rev. telegraphs, have issued order to remove and install on Kansas reqt steps be taken to replace 258--4
54766	11/20	Norf. 6327-92-38	Can complete all fire control changes during present visit with exception of installing telephone motor generators. L To--Contracts #162 & 163 placed with Holtzer-Cabot.12/2.
56210	12/12	Norf. 138-304	Reports issuing job order for installation of conduit in connection with telephone and I.C. motor generators.L
60138	2/1	To Norf.	1912 Fire control system: request finished plans (voice tubes, outlets, salvo and telephone systems).L

PARSAS: INT.COM.SWSTER. 255--4

Number.	Date.	From or To—	Subject.	
✓ 60504	2/6	To C.O.	Fire control installation: (Telephone, voice tube and salvo systems): ASFS what modifications are deemed necessary. Drawings forwarded. L	
61298	2-13	Norfolk 744-1283	Gives list of fire control plans at Yd. L	
✓ 61654	2-17	Norfolk 138-369	Telephone motor generators; re mix-up in assignment. L Rd 3rd Gen. ordered on recn. 221. directs gen. withheld for PARSAS be supplied to LOUISIANA. 2/24 MB 8-18 Ret--via Washn FO. 3/19.	
62533	2/2	C.O.	Reports on unsatisfactory work done at Norf. on searchlight distance control, resolution counters, bells & buzzers for 1228 Tor. Defence radio circuits	255--8
68584	5-5	CO	Reports on working of ship control station located in main top and fitted with Cory instruments. L	
78647	9/23	To Norfolk	Tube hoists - report cost of work under Eofv. BL 8 Be 28	255-8
✓ 78892	9/26	To Norfolk C.O.	Reqt information on re source of telephones tried out on ship and found unsatisfactory. L To CO reqt. reply/ 10-22 RB 10-28	
✓ 79718	9-24 10-8	Phila CRd 25154-108	Gyro compass set; Ord lists fire control instruments to be supplied. L Fwd CRB via Nav. Fwds Tandyke. 10/12.	

Number.	Date.	From or To—	Subject.	
37109		See Card #1	To Norf. Fwds drawing 7749-25; reqst inspection of mechanical control with view to making modifications to ensure efficient working. 5/3. Fwd C&R noted. 5/7. B.L. to Secy via Ord. C&R. R.B. 5/15 Fwd Dept. via Ord. 5/22. R.B. 6-8 Fwd Norf. 1 Jan 1876-L enclosed. C/12. BLBB-22	See below
✓ 38300	4/19 5/9	Norf 2301-3299 C&R 21482-E.662	Sub. central and sub-stations: fws print of proposed arrangement; C&R disapproves. L Fwd Dept via Ord. Concurs in rec. 5/11. R.B. 5-25 Fwd Ord. Noted. 5/24.	
✓ 38515	4/25	Norf 2439	Fws prints showing fire control voice tubes as now actually installed; recommends modifications. L. Fwd C&R. Reqst that Norf. be informed that no action will be taken at present. 6/10.	
39511	5/18	Norf 2914	Mechanical distant searchlight control: fws prints of, and submits estimates for manufacture and installation. L Ret -- via C&R. approved. 7/26. R.B. 8-10	
41430	6/14	Norf 380	Sub-central and substations; recd. prints. L To -- Van Dyke fwd. C/19.	
37109		See above	To Norf. Fws Van dyke 1876-L. 6/23. Fwd Ord. 6/23. R.B. 7-12	
41951	6/23	To Dept	FIRE CONTROL: reqt auth. to proceed with alterations.	647
43083	6/27	At. Flt	FIRE CONTROL: fws report on arrgt of guns Tor. Defence groups, etc.	647
✓ 43625	7/10 7/14	Norf 3876-5794 C&R 21482-E.665	Alterations to sub & sub-stations. L. Ret C&R. Noted. 7/17.	

Number.	Date.	From or To--	Subject.	
46319	8/3	C.O.	ALTERATIONS: rect fire timing device	255--48
✓ 48768	9/13	Norf 138-198	Conduit work for fire control; estimates.	L
✓ 48992	9/15	Norf	Conduit work in connection with fire control.	L
49243	9/21	Dept	& OHIO: fwsd report on behavior of fire control voice tubes.	323--4
✓ 49648	9/27	GE 92	Fire room timing device; fwsd description.	L
✓ 50505	10/7	C&R 21482-E.690	Conduit work in connection with fire control changes.	L
			Ret --- Noted. 10/10.	
✓ 51533	10/12 10/17	C.O. Norf 5521-8515	Rect. installation of 2 engine room engine revolution telegraphs; recommends those in store for Kentucky.	L
			Ret Norf. Appd. 10/21. Ret ---	
✓ 51716	10/13 10/18 10/21	Norf 5442-8323 Dept C&R 21482-M.709	Alterations in forward bridge; approved.	L
			To Norf. Appd. 10/24. Ret C&R. 10/24.	
✓ 52028	9/28 10/20 10/26	C.O. Norf 5669-8547 C&R 21482-E.721	Rect. changes in voice tubing of 12 and 8" turrets.	L
			Fwd Dept. Rec no change in size. 11/8.	
			Ret C&R. Noted. 11/17.	

KANSAS: INTERIOR COMMUNICATION SYSTEM:

FILE No.	From or To (Dated)	Subject.
✓ 33682 3/13	TO Norf	Central, sub-central and sub-stations; rect. plan showing general arrangement of instruments. L.
✓ 33814 1/3 3/13	C.O. Ord 22535-69	Rect. improvement in fire control system, voice tubes from fire control tops to control positions in entire battery. L. To C.O. F.C. telephones should be made subject of reqn. 3/16. Fwd Norf. Requirements 3/16. R.B. recommendations & estimates. 5/4
✓ 34991 3/28	Norf 1833-2270	Central and sub-stations; states plans will be prepared and forwarded at the earliest practicable date. L
✓ 36408 4/14	C.O.	Battle practice; fire control telephone jacks, give trouble. L.
✓ 36560 4/19	TO KANSAS <i>Norf</i>	Rect. further report on defective voice tubes for fire control. L.
✓ 36906 4/20	Norf 2331-138-102	Fwds prints showing central, sub and sub-central station. L.
✓ 37109 4/8 4/18 4/21	Norf 580-E.21 C&R 31482-E.651 Ord	Work in connection with installation of oscillating type of dials fire control, elec. visual instruments. L Fwd Dent. Not rec. 4/27. To Dent via Ord & C&R Fwds plan 1876-1 for appr. 4/29; Fwd Dept Not rec. 4/28. RB 5-8a'ppd
✓ 37302 4/27	C.O.	Submit list of voice tubes, instruments, etc. required to fit main top for navigation purposes. L

See Card #2.



RECEIVED: 11/17/21

1921

Number.	Date.	From or To—	Subject.
542709	1:25	CO T	Request shipment of mirror for Carlyle finch searchlight. L To S&A Request shipment of parts for lights from "orf To CO 618/ 2-2/21 L Horf-3;9-1 Fwd S&A 3/19 Fwd O-I-C Hamp Reads 5/20
578539	8/5	To CO	Load and battery log sheet. not required 8/5 L
628967	6/13	Phila	1922 12" desk and bracket fans located on board KANSAS and will be fwded to CO VEGA L
USS PATUXENT Eng.	30- L R 7/21	To Phila	Desk and bracket Fan 12" direct current. Removal from U S S KANSAS

1910

KANSAS: LIGHT & POWER.

Number.	Date.	From or To—	Subject.
✓ 199884	7-27	CO	Wrecking of No 8 generator ~~gas~~ engine; GE Co. Estimate for repairs. L To Phila -- Work authorized 9/22.
201997	10-6	Bd I&S	Material inspection. Y 8
✓ 206406	11/27	To CO	Directs removal of 2 12" searchlights on, and prepare for shipt to OKLAHOMA. Gives change to be made in SE allow list as result. IR To OKLAHOMA--Instrns. Gives change in SE Elec allow books. 11/27 CO reports turning in searchlights for shipment to OKLA 12/4 Phila 12/9 To--Directs omit 12" signal searchlight from allow. 12/16
✓ 222919	4/5	CO	Fit 35" searchlight with positive carbon rotating device. L RB 5-7
✓ 227135	5/7	CO	Request that signalling search light be expedited. L To LY-5/10
✓ 400691	3-4	CO 15	Connect auxillary and exhaustline to evaporator coils.

12143: LINE 1: CMT. 255 - 5

Number.	Date.	From or To—	Subject.	
246400	5/4	CC	Reports turning illuminating sets	L
273763	5-23	TO C O	Authorizing installation auxiliary lighting system. L	377-5
315185	5-2	Atlantic Battleship Force	Recommends installation of auxiliary lighting system on. L Fwd Dept. 5-28 127-5	
444048	9/5	Phila	Submits report of Bd of Survey & Estimates Complete work on converting 35 inch low power so. redlights to high power Sperry type -/27.	255-8
486593	4:9	Phila	Submits estimates covering installation of maneuvering signal lights on L Fwd Operations. 4-19 RB-4:24-D RB 4/22 - L	
487720	4:7 4:15	CC Phila	Request installation of fixed light maneuvering and man overboard signals. Fwd Operations. 4-19 RB-4:24-D	

KANSAS: LIGHT & POWER

1913

✓ 2

Number.	Date.	From or To—	Subject.
✓ 87961	1-3 1-17	CO Phila 580-3516	Searchlight mirrors; supply 2 to replace those broken during target practice.L. To Phila-appd.1/23.
88781	1-27	Phila 580-336 To Phila.Regst ret. 4/12. ~~580-117~~	Gyro compass; have completed plans of wiring and reqt: information re instrument connection may be indicated; also material including fire control be sent yard. L. To Naven. via Ord. 1/30. To Nav via Ord. Regst ret of corres. 2/11. ~~RD 2-17~~ To Nav. via Ord. elementary wiring diagram being prepared. 2/21. ~~RD 2-21: RD 1-1~~ To Phila. Regst ret. 3/29.
89404	2-1	Phila p 580-467	Make heavier spindles for hand control searchlights. L. To searchlights and their control are under SE. 2/8.
No #	3/17	To Ihila.	Survey 21; searchlight shutter; repairs authorized.L
96827	5/8	NYS 516-2024	Reports finding boxes for searchlight fronts in Com. any's storeroom; requests shipping instructions.L To Phila. Asks if boxes are of any use to. 5/10 To-NYS- To be shipped to Phila. 5/19
116782	2/4	To Norf & Phila	SEARCHLIGHTS. reqt estimates for substituting 36" in place of 30" 708

1914

KANSAS: LIGHT & POWER. 255-5

Number.	Date.	From or To—	Subject.	
✓ 117564	2-12	Phila	Estimate for installing 36" in lieu of 30" searchlight. L To---appd.2/13.	
No.#	5/16	Mo Phila	Survey reqt 153-31-5/7/14, searchlights received from the KANSAS; estimates for repairs excessive; reqt revision	~~708~~
127502	6/13	Phila	200 watt lamps; fws prints showing modified guard installed on MINNESOTA	675
144873	1-18	Phila	Lists damage done by storm.Y	
160366	6-22	CO	Repairs to illuminating set.L To Phila-- Appvs 7/13	
✓ 163648	8/10 8/16	CO Phila	Gen sets; estimates for repairs.L To Phila (T) auth 8-18	
✓ 164163	8-17 8-24	CO Dept	Fws corres relative to repairing generators.L	
186029	4/27	Phila R	Fire Control Board on inquest recommendations re placing searchlights; above vessels desire different arrangement	708
✓ 195031	7/18	CO	Report of accident to #8 gen set engine, make not given.L	
✓ 198374	8-28	CO	New lights for coaling ship; added to allowance; eqn disapproved. L	

KANSAS: LIGHT & POWER SYSTEM.

Number.	Date.	From or To—	Subject.	
v 43838	7/12	C.O.	Replace 2 additional searchlights.L.	
v 44866	7/28	Norfolk 4170	Searchlight control: reqt decision. L. To---as authorized only 20th. 7/1.	
v 46402	8/9	Norf 4309-6507	Installation of blinker lights.L Ret---Estimates app'd. 8/16. RB 8-30	
52652	11/3	Brook	Cont. 160 Wash. 10. motor generators. Copy of order for control panels with Cutler Hammer Co	629
55099	11/4	C.C.	Install electric lights in evaporator room trunk, fit gage glass fittings on evaporator etc	255--8
55779	12/11	To NY & S&A	& TENNESSEE: reqt shipment to Ports and Norf. reqp. of 2 low variometer type set for; also shipment of W. spec. receiver to Ports.	431--5
57173	12/20 12/23	C.O. Norf. 7098-10912	Dynamo engines: L. valve stem slides: request manufacture. 1	
58317	1/8	Norf 101	Mechanical searchlight control: fwds b/p.L	

KANSAS: LIGHT & POWER SYSTEM. 255--5

Number.	Date.	From or To--	Subject.
67146	4/18 4/20	CC Norf.	re-silver one 30" searchlight mirror. L Fwd Dept. not rec. 4/26. ^{4-2p} To Norf. repairs authorized. 4/30.
67372	4/27	Norf. R	Requests authority to issue one green running light in place of one condemned by survey. L (Vito---appd. 4/27.
77910	8-28 9-7	Navgn 5778-470 Ord 25154-98	LOUISIANA; NEW JERSEY: rect. installation of necessary power wiring, etc. for Gyro compass sets at next over period: Ordnance asks certain Gyro fire control instruments be installed same time. L Fwd Dept. 9-13 To Norf. work auth. 9/25 To Boston do 9/25 appd. fwd. Nav. 9/25
78892	9-26	TO Norf CC V01D	Reqt. comm information re source of telephones tried out on ship and found unsatisfactory. L
82046	11-7	Phila 580-336	Gyro compass: reqt. wiring diagram. L To--- work authorized. 11/8.
84662	12-7	Phila 580-336	Gyro compass: reqt. plan covering installation, including fire control, bra furnished. L To--- Fvds Vandykeas. Comments. 12/16. To Phila. gives Ord. comment 1/8.
87711	1-6 1-14	CC Phila 580-150	1913 Renew ash pans B&W boilers. Y

KANSAS RADIO

1920

Number.	Date.	From or To—	Subject.
519972	9/22	Phila.	Radio instln- confirms telephone conversation. W.
534904	12:14	CO	Request authority to draw radio apparatus listed from stock at Pearl Harbor. W.
	12:14	copy	11-28 Shipmt order from Norf to KANSAS 12/17 5583
	12:14	copy	To CO (2) in ltr 12-16
	12:14	copy	To SAA Request shipmt of app from Norf to Boston 6628 3/15
	12:14	copy	Request rush shipment of spark gap insulators. W
	12:14	copy	To SAA Request shipmt of App from Procl to CO 6637 12-27
	12:14	copy	SAA copy of action to MSD-12:30-W
533066	1:3	CO	Request authority to survey audion control boxes and receiving set. W
541943	1:21	CO	Request ship at once the Dabiller transmitting condenser. W
542053	1:21	CO	To CO (T) Ask to verify type number of cond 1/24
	1:21	copy	1st Div 3-reqt 2ndary units be furnished-2:26
	1:21	copy	Request shipmt of 1st Dabiller trans- condenser. W
	1:21	copy	To SAA Request shipmt of cond from Boston to CO 6063 1/25/21

KANSAS) RADIO

1921

Number.	Date.	From or To—	Subject.
544609			To CO re Radio syc per armed by KANSAS on the trip between Panama and Samoa cc 14 Dist 2/5/21
541946		SEE OTHER SIDE	To im Norf secondary transformer units for radio set. Reest inform 3/9 W. To Phila Gives action cc CO- Boston 3/15 ✓ To S&A Reest shipmt of transformer from Phila to Boston 5550 3/16 RB-4;29-W ✓ To S&A Reest shipmt of transformer from Boston to Phila 5549 3/18 To 1 Norf Gives shipg status cc SO Norf- Boston 3/18 RB-5;7-W
534954		SEE OTHER SIDE	✓ To S&A Reest shipmt of transformer from Norf to CC 7164 4/22 To Boston Reest Est be submitted 4/26 Boston will submit est about June 1st-5:254W To SO Norf Gives Action 5/1

Number.	Date.	From or To—	Subject.
321486	6-29	To S&A	1st shipment radio amplifier from Wash to CO W CO - material recd 9/4 - 9/7 - Y
321499	7-2	To S&A	1st shipment radio set from Wash to CO W Shipment order dated July 2 received back Nov. 20
324485	7-12	To S&A	1st shipment radio operator from Wash to CO W Shipment ordered 7-12 RB 8-5
328831	7-23	To S&A	1st shipment wave meter Wash to CO W R B 1/17
369543	8-22	To S&A	1st shipment radio operator Manila to CO W
6 341003	8/17 9/12	Manila CO	Reorganization of radio room - TWOS State of the Radio Control S - Y Fwd CDR 9-11 1st Battle Ship Force No 1 - 1/34 To CDR 9-11 RB 9-19 Fwd CDR 9-30 R B 10:22 Fwd Sept, 10-20

KANSAS : RADIO

~~444~~

Number.	Date.	From or To—	Subject.
350466	9-16	Phila	Reg. Rad. Insulator W To My (3) Best expedite shipment electrose insulators 9-31
356167	10;5	Phila	Confirms telephone conversation in connection with remote control system on W
368603	9/10	Phila	Confirms telephone conversation relative to radio room.
408838	4-8	To CO	Reans 30 and 31 for 1 hand key and con- tacts are being held at Bur pending recpt of further info re need therefor- 4/8 - CO fws requ. for relay 5:7 To CO- Repts duplicate copy of your letter in reply to Bd letter of 4-8th. 7-22
466411	4/6	Phila	Confirms telephone conversation in con- 269-6 nection with estimates covering radio work on 3-11-1944 A L. H. S. V

1915

5

KANSAS: RADIO.

Number.	Date.	From or To--	Subject.
174720	12/24	Phila	No Marconi wave changing switch has been removed: quotes authority for repairs to a Mark III wave changing switch. W To--Reqt wave changer be traced to locate present assignment. 1/18 Phila switch located; never installed 1-28
177405	1-27	To CO.	Radio apparatus; asks disposition of certain. W Copies 2-26
180365	3-1	To S&A.	Reqt shipment portable radio set from Phila to ship. W
183522	3/22	At Flt	Reqt explanation as why vessels were not fitted with auxiliary antennae before sailing 875
184616	4/7	CO	Reqt alterations toradio set. W Fwd Phila--for correct and rec. 4/17 RB 4/26 To Phila--Auth alteration in. 4/27
194008	7/18	CO	Submits list of radio equipment required. W Fwd S&A--Rec typewriter be supplied. 8/2 To--Lists material to be furnished. 8/2 To S&A--(4) Reets for shipment. 8/2 To MI reqt name plate data 8-19 NY set not yet shipped; due 8-30 8-31

KANSAS: RADIO: 255-6

Number.	Date.	From or To—	Subject.	
200852	9-19	CO	Install new main antennae with rat tail to clear bridge; fws print. W 10/4 Fwd Phila— Authorized work.	
208384	12/11	Phila	Solenoid operated antennae switch for radio work; estimate. W To—Modif appvd. 12/15	
216903	3-7	To NY	Record of Lowenstein 5 kw quenched spark gaps purchased under contr 804. Aka disposition of last one of three ordered retained at Yard. One shipt to TEXAS and one to KANSAS. 898	
✓ 223122	1/17	To CI	NCE SF-B and Bu record differ. No further information. W RB 4-27 RB 5-12	
✓ 234957	5/22	To CO	Req infor re location of L-P-76 receiver. reported transferred to KENTUCKY. W CO - 7/5 W 4	
236969	7/6	To EAA	Req shipt of rec set from Wash to. W	
295165	4/2	NY	Fwds radio drawings covering report of test on Sperry short wave transmitter, on the USS Arkansas W	876

1914

KANSAS: RADIO.

Number.	Date.	From or To--	Subject.
138257	10/28	Phila	Have issued orders for material in advance of approval of estimates in order to complete during repair period 169-6
147376	2-16	To Phila,	Battle radio installation; if opportunity offers for making before July 1, inform Bu before work is undertaken W
148398	2/26	S&A	Fwds corres on transfer from Marine Corps to KANSAS of field radio set 897-1
148928	2-26	Phila	Battle radio installation; all material will be completed in 30 days; 30 days to install. W
149777	3/4 3/13	Phila C&R	Battle radio installation; fwds print of radio room and auxiliary radio room. W Fwd C&R--proposed location satis. 3/19
158880	6-24	Phila	Battle radio; asks if Mark V wave changing switch and remote control antennae switch will be installed. W To--Have regtd shipment of switch from NY for installation on. 7/2 To S&A--eqt for shipment. 7/2 To Phila no auth 12-14
161364	7-21 7-23	Phila C&R	Asks whether omission of side antennae is intended. W To Phila--(T) Side antenna will be installed. 7/23 Fwd C&R--instructions issued. 7/24 Phila (R) Regt further instructions. 7/26 To Phila--install side antenna. 7/27
162582	8/4	CO	Change in location of radio motor generator; fwds print. W Fwd Phila--For est and rec. 8/9 RB 8/12 Phila fwds print 8-13 T - Phila 8-16

To CO via Phila--relocation disappd 8/17

To Phila (T)--will be installed as orig planned 8/16

KANSAS: RADIO. 255 -- 6

Number.	Date.	From or To—	Subject.	
162683	8/4	CO	Auxiliary radio antennae; fws b/p.W To--Side antennae will be retained. 8/9	
✓ 163153	8-11	To Phila. & SAA	KANSAS & BKL. shipment of wave changers - submit estimates	
✓ 164015	8-19	Phila	Estimate for installing Mark V wave changers on account and BROOKLYN. W To Phila. appvd. 8-23 To--Appvd. 8/31	
✓ 164930	8-25 9-1	CO Philq	Estimate for To Via Phila--Will recd shipment of audion ultraudion when available. 9/3	
✓ 165659	9-4 9-9	Phila SEA	& BROOKLYN: wave changers; enters genl objection complaint as to delay in securing material for which NY Yd is distributing point.W fwd NY--For comment and rec. 9/14 RB 11/2 To Phila--Instructions. 11/4	
166095	9-16	CO	Reqt. audion, amplifier, and 1/4 kw portable set.W To--Will supply when available. 9/18	
172614	11/29	KANSAS	Reports transfer of audibility meter to ARKANSAS	121-6
172795	11/29	Phila	Reports installing new type antennae with light weight metal spreaders on KANSAS; reqt fleet submit report on merits of metal and wooden spreaders; fws plan	875

KANSAS: RADIO.

1914

Number.	Date.	From or To—	Subject.	
117069	2/7	To Phila via C&R.	Battle radio installation; desired to proceed with during overhaul period; requests plans and estimates. W rb 84 To Phila via C&R. reqd plans and est. as soon as practicable. 3/31. To Phila. (was copy corres. 4/9.	
118944	3/3	To Various	Reqd shipment of set from NY to Phila.	342-6
120317	3/19	To NY R NY R	Ask when will be ready for shipment. W Ready for shipment Mch 25. W To NY. Ship 5-kw set and tune shifter for NEBRASKA to Boston; tune shifter for VIRGINIA to Boston: Will assign 5-kw set to KANSAS originally assigned to MINNEAPOLIS. 3/19 To Bost. via C&R. request estimates on NEBRASKA. 3/20 (R) to --- expedite shipment to Bost. tune shifters for NEBRASKA and VIRGINIA. 3/30. To Bost. C&R. 3&A. 5-kw set auth. for NEBRASKA. Bost. shipment of apparatus Bost. to NY. 3/31 (R) to Bost. expedite est. 3/30.	331
120264	3/20	To Phila.	5-kw set originally assigned MINNEAPOLIS should be assigned KANSAS.	289-6
120815	3/21	NY	Tune shifters: change in design; may delay shipment to RHODE ISLAND and KANSAS; reqd instructions	905
122372	4/13	Phila R	BALCH; Garwood receiving set unsatis; reqd authority to install receiver from KANSAS and switch from DOWNES	520-6
122389	4/14	To CO via Phila & 3&A.	Radio material to be removed; request shipment from Phila to NY of receiver. W	
123387	4-25	To NY T	& RHODE ISLAND; wave changers should be shipped to reach destination May 12. W	

KANSAS: RADIO 255-6

Number.	Date.	From or To--	Subject.	
123388	4-25	TO Phila	Reqt status of installation battle radio set.W	
123650	4-27	Phila	Impossible to make battle radio installation before May 23; 5 kw set will be installed before vessel leaves W To Phila--apud 4/29 Fwd C&R 4/29	
123652	4-27	Phila 580-357	Recommend issue of 2 receivers for 5 kw set now in store.W	
125264	4/30 5/19	CO Phila.	Requests be furnished with one spare relay control key.W To CO via Phila.should be requested by recon:5/20.	
128222	6/24	Phila	MINNEAPOLIS: set originally assigned transferred to KANSAS; asks date of delivery of new set	289-6
131464	5-4 5-3	Phila C&R	580-357 27582-E.26 Battle radio installation: Fwds comments, estimates and prints.W To Phila.comments.8/5 Ret C&R.comments.8/5	
131996	8-11	At Flt	Reqt spare radio spark gap. W. At Flt have located spark gap 8-12 (8) to request instrns re destination of shipment requested.8/11.	
132419	8-12	Phila	Radio: arrgt of room: plan.W	
136957	10/13	Phila	Battle radio; lists material required	169-6

1912

2 ✓

KANSAS Wireless plant

Number.	Date.	From or To—	Subject.	
57896	1/3	Norf	AERIALS, spreaders, fwds prints of those mfr for	875
55779	12/11	To NY & S&A	& TENNESSEE: reqt shipment to Ports and Norf. rept. of 2 kw variometer type set for also shipment of M. Spec. receiver to Ports.	431--6
58323	1/11	Norf W	New set delivered vessel to be installed by ship's force. W to KANSAS. Reqt report of operation after installation. 1/13.	
62009	2-24	Key West T	Quotes wireless from fleet; will send prelim. report on AJAX. W	
62500	2-20	C.O.	Reports on operation Telefunken W.T. recently installed. W	
64693	3/27	To Telefunken T. Co.	Renewal for primary variometer coils for radio set; reqn. submitted to cover. W	
64940	3/29	Telefunken Co.	Primary variometer coils for 2-P.W. set; states price quoted Nov. 6th covers both revolving and stationary coil. W To---Desires both repaired. 3/3.	

KANSAS. 255--6

Number.	Date.	From or To—	Subject.	
66540	4/12	Kansas	PORTABLE, pocket receiver, reports on use during target practice. Wireless Sp.Co's	897
67471	5/11	To Dept via Ord.	& SOUTH CAROLINA: comments re location of radio room.	407-B
87607	12-31	CO	1913 Description.W.	
✓ 94952	4-14	CO	2-KS Telefunken motor generator: reqt. b/p. W To CO--Fwds. drawings as reqt. 4/19	
97412	5-14	Hort 3149-580	Asks disposition of radio set turned in for repairs. W. To directs job order be issued to cover repairs to 5/18.	
106799	9/26	At.Flt.	Audibility boxes for use receiving work. Reqt be supplied to:	898
116237	1/28	Phila	1914 MAINE: estimate for installing 2 Kw set ex-KANSAS.	274--6
117061	2/7	To NY	Battle radio installations: directs forward to Phila yard type plans.W	

KANSAS: WIRELESS PLANT:

FILE No.	From or To— (Dated)	Subject.	
32772 1/4	C.O.	Reqt. installation be made behind armour and replace glass condenser. W. To Atl. Fleetrecs. record re location 1/3 See below. (ref Dept as cycles re with 1/19/20 B.B. 4-17) To -- Alprd 4/20. Fwd C&R Reost another location for wireless room be red by C.O. 1/20. R.B. with recommendations. 5/22 Fwd Dept. Comments. No change in location rec. 5/22 B.B. 5-26 a'ppd	
34491 3/17	C.O.	Recommendations re location of W.T. Room. W. Fwd Dept. Recommendations 4/15 B.B. 4-17 app'd	
38033 5/5	TO C.O.	LOUISIANA & NEW HAMPSHIRE: Inspection and adjustment of apparatus by Subinspr. Clark: Directs necessary assistance be given.	898
38617 5/12	TO C.O.	Directs Perikon detector be retained; and submit reqn. for new; reqt. information re condenser. Fwd Washn Day Officer. to note. 5/30.	
32772	See above	To Norf. No change to be made in location of wireless sta. at present. 5/27. Fwd C&R 5/27.	
42617 7/1	TO KANSAS & SOUTH CAROLINA	REC. & SENDING SETS: Directs transfer of Wireless Spec. Co. receiver from SOUTH CAROLINA, to.	898
48723 9/18	To C.O.	Telefunken receiver will be shipped from N.Y. 629 -	
51845 10/13	Norf	REC. & SEND SETS; reqt information re disposition of set turned in by.	898
53307 11/11	To S&A.	Contract 14747 (Telefunken Co.); Reost shipment of one 2-kw set. NY to Norf. for installation and test as soon as one complete set has been delivered. W (W) to Norf. asks if new set was received and installed. 1/11.	



255-7

KANSAS: SIGNALS: UNDERWATER.

Number.	Date.	From or To--	Subject.	
42614;	6/19	At. Flt	Signals: Fwds reports on from LOUISIANA NEW HAMPSHIRE and SOUTH CAROLINA.	711-3
			1912	
			1913	
			1216	
189932	6-2	CO	Request repairs to submarine signal set.	L
			17	
216767	3-2	Phila Sub Sig Co	Report of inspection: Fwds Bill. L Fwd CO--4/3/14 4-11 To Wash--Rec payment. 4/14	
27454	3/17	Sub Sig Co	USS GEORGIA & KANSAS Fwds inspection report of SUB Signal Appart at L	629

[illegible]

1921

Number.	Date.	From or To--	Subject.
601083	12/19	Atl. Control Force	Copy Vessel placed out of commission Y

4-3381

255-8 : KANSAS: MICH PLANT:

Number.	Date.	From or To--	Subject.
560444	4:1 4:27	CO C&R	Report on matl readiness.Y and Operns via Crdn 4/29
583 581446	8:17	Dept	KANSAS will be directed to report as relief of 3rd Div 30th until Illinois is ready.Y
583549	8:31	Operns	Assignment to 3rd Div for use of NY naval militia.Y
585048	9:12	Operns	Crew needed-recommends be sent to XX ?? pending delivery to naval militia.Y
585536	9:14	Operns	Proceed Phila to be placed out of commission.Y
586136	9:16	Operns	Reqt be placed out of commission.Y
600679	12/18	Phila. Copy C	Vessel placed out of commission. Y

KANSAS: MACH PLANT: GENERAL:

Number.	Date.	From or To—	Subject.
517671	9:16	CO	KANSAS AND NEW HAMPSHIRE ready for matl inspection September 21st.Y
517892	9:17	Phila copy	Vessel docked.A
518415	9:21	Operns	Vessel assigned Flagship Battleship Div 4.A
518566	9:22	Phila copy	KANSAS & CONNECTICUT undocked.A
519259	9:18 9:25	CO Dept	Submits report of inspection upon being relieved of command.Y Fwd Opns 9-29
519224	9:25	CO copy	Capt F.H.Brumby assumed command.A
519453	9:27	CO copy	Rear Admiral C.F.Hughes assumed command of battleship 4.A
534119	12:10	Dept	copy of telegram to Pac Flt authorizing vessel remain at Honolulu until Dec 6th.A
536001	12:16	Boston	Propeller report.Y

Number.	Date.	From or To—	Subject.
437328	7/16	Dept	Copy of telegram to Phila. is at Phila. 12-8 August 1 - ON REPORTS.
443433	8/14 8/26	Bd IAS CO Dept	Submits report of material inspection held 7/10. Comments on report of material inspection - 8/14 Fwd Operations. 9-10 - RB - 10, 1 Dept copy report of mat. ins. he'd July O. action approved - 9; 5 Fwd Cdr. 10-3
443960	9:5	C&R	Copy of letter to Phila giving action on report of Board of Survey and Estimate.
444029	9:5	Phila	Submits report of Board of Survey & Estimates. Y Fwd Operations. 9-15 R B 9/20
OVER	11/11	OVER	Phila - Repairs appvd. copy to CO. 9-22 OVER
444048	9:5	Phila	Phila - Reqt action - 11/8 Submits report of Bd of Survey & Estimates. Y Fwd Operations. 9-15 R B 9/20 18 - Bd Recommendations appvd. copy to CO. 9-22 Phila - asks if shall reopen job order and Report of Bd of Estimates have all been fwd - Y Fwd Operations. via Ordnance. 9-13
445161	9/5	Phila	

255 - 8 KANSAS: 2 ACHY PLANT:

1919

Number.	Date.	From or To	Subject.
444048	10-6	SEE OVER	Fwd Operations. L R B 10-11 To Phila-10-22 To Comdt Phila- General Order 483 not to apply to KANSAS in the case of the conversion of searchlights. copy to CO. 10-22 To Phila- Conversion of 4-36" low intensity lights to high intensity authorized/ 10-25
444029	11-25	SEE OVER	To Comdt Phila- Regts detail information re 12" motor driven laths. R Phila 11-25
509494	6:30 8:3	CO CLR	Report on matl readiness. Y Fwd Op. RLS 1-5
515586	9:4	Riv 4 Atl Flt copy	C-in-C Div 4 shifted flag to PANTHER. Y cross to Atl Flt ~~412~~
517077	9:14	Dept	Vessel available for docking and repairs at Phila. A
517221	9:14	Dept	Notice of material inspection. Y To and Ltr. Regst. return of papers 9-17 Bd 123-11; 36-Y
518391	9:1	CO	Report of new CO. Y Fwd Op. RLS 9-17

KANSAS: MACHY PLANT

Number.	Date.	From or To—	Subject.
✓ 411217	4:17	Dept	Trial docking and repairs - advanced to May 15 Y
✓ 411886	4-18 4:23	To I.E. Hoff Narf	Outstanding job orders. Inform if can be closed out in time of docking. Yo copy to CO - Phila and Comdt Lat since 1. Yo
✓ 412987	4/1 4/18	CO Dept	Material readiness for active war service - A Fwd Operations via Ordnance. 4-26
✓ 416468	4-23	CO	Best copy of blueprint index - D To- Fwd index book for machy plans. 5-12
✓ 427234	6:20	Dept	Instructions in connection with holding natl inspection Y To Bd. 3-25- Fwd correspondence. 7-3 Bd 1-8 8-15 Returns corres.
✓ 429409	7-1	To CO	Release from Troop Transport Duty. Removal of Special Material under Compliance of Steam Engineering. All such material with exception of extra lights to be turned into store. Yo CO 7-11

KANSAS: MACHY PLANT.

Number.	Date.	From or To—	Subject.	
✓ 207947	12-8	Operations	Available for auth repairs Phila.Y	
209444	12/20	Dept	Repair limit July 14th.Y	
213294	2/1	Dept	May 16th, date of completion.Y	
215127	2-14 2-17	Phila Operations	States repair date May 31; directs Bureau use efforts to expedite and assist yard.Y Fwd Dept via C&R 2/23	
213888	2/19	Phila	Submits report: will use CONNECTICUT's coupling; lists other work that will have effect on date of completion	255-14
215680	3-3	Phila	Status of work; delay in securing material for evaporators, fire control system, gen sets; controlling feature for advancing date of completion depends upon boiler work and securing of additional boiler makers.Y	
✓ 219688	3-28	Phila	Machy plans; request. D	

KANSAS; MACHY PLANT.

Number.	Date.	From or To--	Subject.
228387	5/14	Dept	May 31st date of completion Y
230245	5/25	To Norf	Directs transfer job order #3P1 to Phila. Y Norf - 5/28 Y
272068	1/7	Dept	Will not proceed to Philadelphia until further orders. Y
298704	4/4	Co	Reports on material readiness for service - Y
298727	4-30	Fwd Dept (Operations)	Report for work, docking schedule, battleships at Philadelphia - Y
316082	6-11	Norf	Request drawing of boiler details. D

KANSAS: MACHY PLANT.

Number.	Date.	From or To—	Subject.	
157664	6-12	Dept	Withdraws from active duty	774
158257	5-17	Dept	Sept 23 repair limit; all work after Aug 31 to be handling to allow departure on 4 days notice. Y	
161408	7-22	CO	Reqt machy drawigs.D	
174652	12/20 12/23	Phila C&R	& HANCOCK: overhaul period; liability account; reqt data on.Y Fwd Dept--Recommendations.12/27	
177783	1-29 2-1	Bd I&S Dept	Hull reportY Fwd C&R--Noted. 2/2	
178551	2-27 1-29	Phila Dept	Material inspection; comparison of estimated and actual cbst.Y Fwd Dept--Noted. 2/10	
178637	2-9	Forbes, W.D.	& WASHINGTON: Forbes steering gear; reqt report on. D Fwd C&R--2/11 Fwd to C&R. 2/11	
184943	4-13	CO	Lists work to be done by ship's force.Y	
188251	5-13	Phila	Reports on status of work.Y Fwd Dept Via C&R-Grd-Tar Prac--Noted.5/19	

~~KANSAS: MACHY PLANT. 255-8~~

Number.	Date.	From or To—	Subject.	
192351	6-19	Phila	Incidental work in connection with crew's laundry estimate and plan. Y To—Appvs+ 7/18	
194519	7/21	Atl Flt	Reports on condition of machinery	493
197998	8-25	CO	List of work to be done by ships force. Y	
199707	9-16	Dept	Material inspection; orders at Phila. Y To Bd I&S—Fwds with repair papers. 9/25 Bd I&S returns papers 10/19	
200569	8-24 9-27	CO Phila	Repairs to boilers, piping, forced draft blowers, main engines, pumps, ice machines, etc. Y To—Work authorized. 9/30	
201997	10-6	Bd I&S	Material inspection. Y Bd I&S additional items of work 10/14 Fwd Dept—Rec disappyl repairs to elec controls for searchlights on. 10/27 RB 10/31 Fwd Dept via Ord—Noted. 10/31	
204678	11/1	Dept	Fwds corres showing status of work on; all necessary repairs to be completed before leaving for West Indies Nov 20; Dec 1	774
205225	11-10	Phila	Report of board survey and estimates. Y To Naven—Lists item of work under Naven. 11/23 To Ord—Ditto. 11/23 Fwd Dept—With recommendations. 11/23 RB 12-14	

KANSAS: MACHY PLANT.

1014

Number.	Date.	From or To—	Subject.	
122151	3-18	CO	List of work to be done by ship's force at yard, includes retubing both main condensers.Y	
122634	4/16	Dept.	Work to be proceeded with.	377-8
122867	4-18	Phila. 580-467	Approx estimate for material and assistance for ships force in making repairs.Y To--apnd 4/21	
123303	4/24	Dept.	May 23 date set for completion of work.Y	
123837	5/1	Dept	Reqt estimated difference in cost of repairs remaining if shift and over time work is discontinued	377-8
124806	5/13	Dept	June 20th date of completion	377-8
141219	12-4	Dept	Will arrive Phila 12-2 asks if target practice will interfere with building or vessel by Jan 10. Y To--Comments. 12/7 completing Fwd Dept via C&R & Ord-- Noted. 12/10 To Phila--Instructions. 12/11	
141697	12-6	CO	List of work to be done by ships force.Y	
141674	12-8	CO	ditto	

KANSAS: ARMY PLANT. 255-8

1915

Number.	Date.	From or To—	Subject.
144710	1-16	Dept	Ordered to Phila for repair to damages done by gale. Y
144873	1-18	Phila.	Lists damage done by storm. Y Fwd Dept-- Rec appvl. 1/19 Y
145024	1-19 1-20	Phila Dept R	Impossible to work shifts; can complete 17 working days. Y
145073	1-19 1-20	Phila Dept 580-22	Reports on progress of work on repairing damage done by storm; shift work impossible; recommends overtime. Y Fwd Dept-- Notes. 1/21
145074	1-20	Dept	Repair limit Feb 9. Y
152081	4-10	Bd I&S	Material inspection; reqt repair papers. Y To-- Cwds. 4/13 Bd I&S returns papers 5-28
155340	5/17	Bd I&S	Material inspection. Y
155527	5/20	Dept	To Ord--Reqt comment and rec on. 5/21 Ord rec whereas against fire control alter 5-24 Material inspection held May 10th; directs that the Bureau assemble material to begin work promptly July 1st. Y
156148	5-27	Dept.	Overhaul commences June 1 in lieu July 1 774
156659	6-1	CO	List of repairs to be made by ships force during overhaul. Y
157338	6-10	Dept	All auth work must be completed by Aug 31. Directs telegraphic instructions. Y Fwd Dept--Comments on. 6/12 To Phila--Asks what work can be postponed. 6/12

KANSAS: LACHY PLANT.

1912

Number.	Date.	From or To—	Subject.
✓ 81311	10-26	Bd. I&S 1983	Inspection report; fwds. Y
✓ 81761	9-26 10-30	CO Phila 58-140	Repair piping, valves, etc. Y
81821	11-5	Phila	& OHIO; MISSOURI: order in which survey will be submitted. Y
82533	11-8	Phila 580-469	Survey; fwds report of Board estimates. Y Fwd Dept. rec appr. certain items. 11/26. FBH SO a'rd Fwd Dept. with rec. 11/27. R To--- appd. 11/30. To--- instructions. 12/3.
85535	12-17	Phila 580-467	Report of board survey and estimates; elec. Y Fwd Dept. rec appr. certain items. 12/21. R To--- instructions. 12/26
1913			
✓ 103318	8/8	Dept	Directs Inspn
✓ 105883	9-17	Bd. I&S 1495	Reqt. repair papers. Y To--- none 9/18
✓ 107387	10-7	Bd. I&S	Inspection report; fwds. Y

1913

1912

KANSAS: WCHY PLANT: 255-8

Number.	Date.	From or To—	Subject.	
✓ 107605	9-16 10-9	CO Phila 580-160	Rewood stern tube bearings; reseal stop valves on main steam line.†	
110529	11-10	Phila 580-469-6	Report of bd survey and estimates, elec and mchry.† To Dept. with rec. 11/25. R B 12 24 To --- instructions. 12/27.	
110681	11/18	Dept	& RHODE ISLAND: directs that submitting of reports of board survey and estimate be expedited.	377--8
1914				
✓ 117663	1-20 2-12	CO Phila 580-140	Repairs to crank shafts, line shafting, main engines, piping, valves, pumps, boilers, dynamo condenser, reffig plant.† Fwd At. for comment. 2/17. R B 12 24 Fwd Dept. rec. 3-12. R B 3/16 appd. Fwd Phila. 3/16. R B 14	
✓ 118673	2-14	Dept	Military Inspection: report.† Net --- via Ord and SEA. 2/19.	
118270	2-1 2-21	CO Dept	Work to be expedited. Phila complains of non receipt of approval SE repairs.† Fwd Phila. asks if 110529-255-8 of Dec. 27th was received. 2/28 Fwd Dept. 2/28	
121402	3/31	Dept.	& DELAWARE: copy of radio to fleet directing director firing be completed before sending to yard for overhaul	182-8

KANSAS: MACHINERY PLANT: GENERAL:

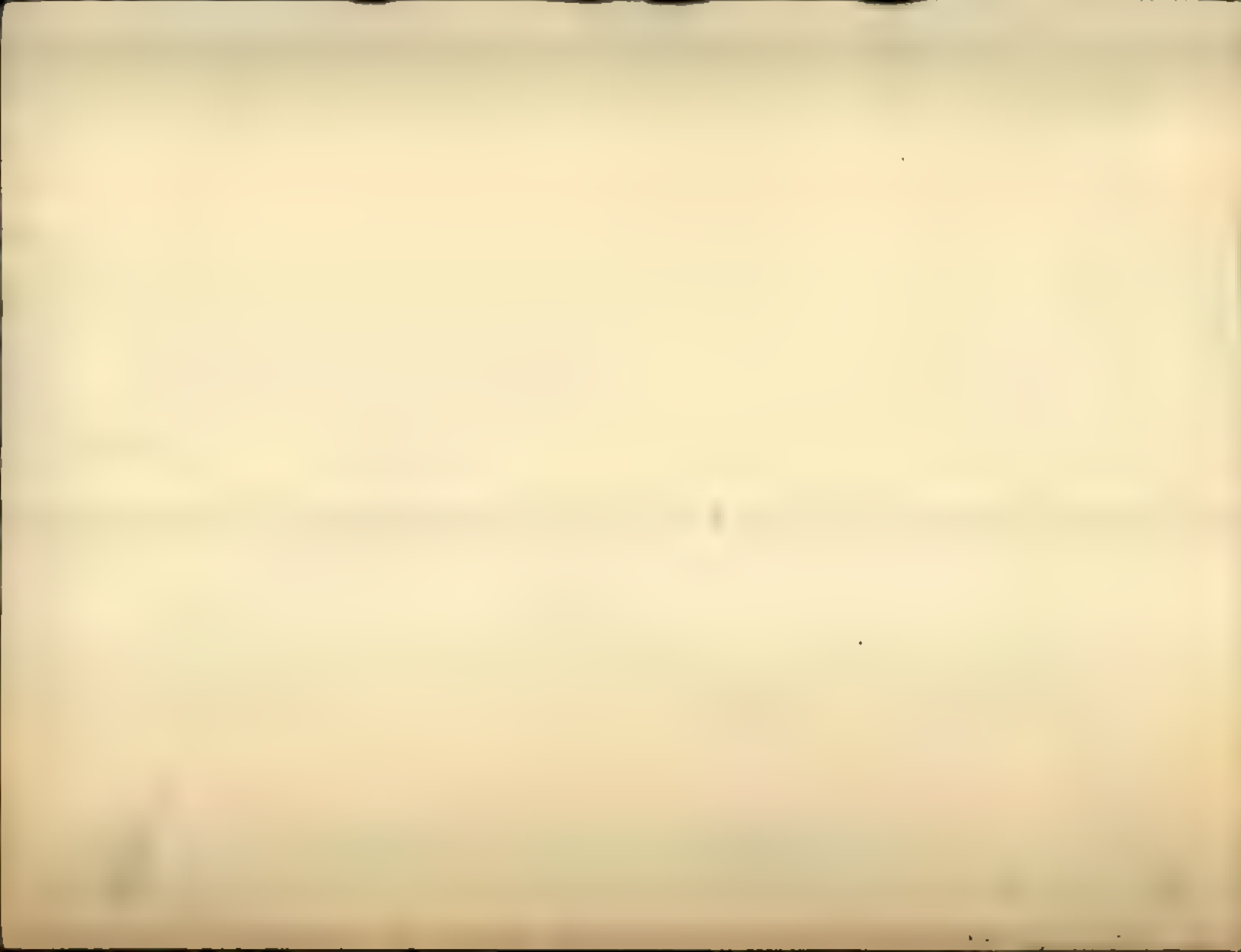
Number.	Date.	From or To -	Subject.
48150	5/25	Dept 23241-15	Report of inspection held Mch.1st.Y Ref. C&R 9/14
50408	9/29 10/6	Norf C&R 5139-7773 21482-E.694	Work in connection with C&R. Y Ret. C&R. 10/9.
✓ 51634	10/21	Dept	Overhaul period extended to Jan.1st. Y
54475	11/4 11/22	C.O. Norf. 6382-9256	Renew copper piping and make new worms and wheels for revolution counter.Y To Norf-Appd.11/27.
✓ 55099	11/4 11/22	C.O. Norf. 6359-9324	Install electric lights in evaporator room trunk: fit sage glass fittings on evapora- tors: install relief valve on discharge on evaporator feed pump: supply and install an additional distiller.12/5 Rwd Dept. with rec.12/5. BB 12.7 To C&R-work under eliminated.12/7. To Norf-item 3 appd.12/7.
56358	12/7 12/14	C.O. Norf. 6892-10461	Stiffen keys in coils of evaporators, and manufacture coupling for main feed pump plunger.Y
62533	222 2-23 3-1	CO Norf Dept 1175-1745	1912 Reports on unsatisfactory work done at Norf: distance control search lights, revolution counter, bells and buzzers for torp. defence salvo circuits. Y Ret Dept. 3/5.

KANSAS: 255--8

Number.	Date.	From or To--	Subject.	
63102	3/7	Dept	& S. CAROLINA: fwds copy of order directing inspn	407--8
66901	4-10	Dept 23241-27	Report of inspection 2-19. Fwds. Y Fwd S&A. 4/24.	
67471	4/17	Dept	& S. CAROLINA: report of inspn while stripped for action.	407--8
✓ 75587	7/3	CO	Reports on readiness for battle: forced draft blowers defective. No spare supply of battle brick for boilers. Y Ref. Dept. via C&R. Ord & S&A. 8/17	
78284	9-16	Bd. I&S	Reqt. repair papers. Y 10--16 Returns 10-31	
79492	10-5	Dept	Transfer job orders from Norf. to Phila: repair period June 1st. to Ech. list. Y O Norf via S&A all spares to be shipped to Phila. 10-7	
79634	10/7	Dept.	& MICHIGAN: changes home yards N.Y. to Norf. Norf. to Phila.	286--8
79883	9-26 10-7	CO Norf 3122	Reseat valves, and repair or renew copper piping. Y	
✓ 80548	10-16	Norf 3120-580	List of patterns shipped to Phila. Y	

KANSAS: MACHINERY PLANT:

FILE No.	From or To— (Dated)	Subject.	
32774 1/12	C.O.	Install new evaporator shell & coils, section pipe for distillers, main engines, time firing device, etc. Y Fwd Norf. Instrns issued. - Fwd Dept. Recommendations. 3/7. R.B. Items 7 & 9 disappeared 3/8. To Norf. Disapp'd 3/8 Fwd At. Fit. for information 4/4. ~~RB 4-20~~ RB 7-27-from Norf.	
35235 4/6	Dept	LOUISIANA: R.E. approving mfg of evaporator shells.	35235-268-8
35800 1/6 3/8	C.O. Norf C&R	1738-2320 21462-E.644 Submits list of repairs: mostly C&R. Engineering estimates in other correspondence. Y Fwd Dept. 4/15. ~~RB 4-91~~ C.O. notes Bu's and Dept's endorsement; Recd further report and rec. 4/21. Fwd Norf. 4/22. R.B. with recommendations. 5/6 See below.	
✓ 36184 4/12	Norf 2147	Elec. work in connection with fitting main top as secondary battery control station, fitting sailing launch with aux. motors. Y Fwd Dept. Not rec. 4/15. ~~RB 4-17~~ disapp'd	
36569 4/19	Dept	& NEW HAMPSHIRE: date of completion of repairs at Norf. extended until evening of May 8th.	312--8
✓ 36965 4/6 4/22	C.O. Norf	2371-3186 Dress surface of main cross head slipper, and rebraze nipples of aux. steam lines. Y	
35800	See above	Fwd Dept via C&R. Rec direct reading revo. transmitters and receivers and steering eng. room telegraphs be installed. 6/10. ~~RB 8-30~~ Fwd. C&R. 7/1. To Norf. Instrns issued. 7/1.	
✓ 46319 8/3	C.O.	Alterations: rect. double effect evaporators, heavier flanges on slip joints, install fire timin. device. D&L	



KANSAS: MAIN ENGINES.

Number.	Date.	From or To—	Subject.	
3-18	12/19	To Norf	Evaporator feed heater. Reqn for tubes for. Reqt blueprint of. DR	
294984	3/27	CO	Re ports on power developed by main engines	- Y
295268	3-27	CO	Reports on power developed by main engines	- Y
311179	3/17	CO	Reqs for tubes for evaporator feed heater	For
411848	4/14	CO	Repairs to engine receiver pipe - Y o Cond Phila- To be made available May copy to CO and Lat Force one.	15th. 4-19
511112	8/11	CO R	40' motor sailing launch 3152 turned in at Pug Sq to CO KANSAS; launch 8592 delivered to vessel. Y	611-9
557964	4/14	CO KANSAS	40' Motor Sailer 6718 recd. to replace Barge 3446-Y	611-9

Number.	Date.	From or To—	Subject.
39587	5/23	Norf 3025-3465	Make piston rings for circulating pump: re-babbitt brasses of main engine. Y
✓ 51263	10/10 10/14	C.O. Norf 5594-8364	Rebabbitt cylinder eccentric, port main eng. Y
51866	10/23	Norf 5685	Piston rods; crossheads, etc. Reqt. b/p.D To---Van Dykes fwd. 10/28.
54845	11/20 11/28	C.O. Norf. 6514-9923	Repairs to main starboard engine. Y
54933	11/21 11/28	C.O. Norf. 6531-9852	Renew h.p. valve rings, main engines. Y
55514	12/6	Norf. 6706	Requests prints of I.P. and L.P. piston valves. D To---Fwds. 12/19.
74123	7/22	NYS Co.	1912 NEW HAVEN & WASHINGTON: Inertia cylinder diagrams; fwds prints. (personal letter to Capt. O. son.) To COs (3) fwds prints. 7/24.
81549	10-22 10-29	CO Phila 580-160-6	Make piston ring for h.p. cylinder. Y 1913

KANSAS: MAIN CONDENSERS: 255-9

1913

Number.	Date.	From or To—	Subject.
✓ 87597	1-14	CO p	Reat. authority to turn in experimental balancing piston ring.D. To---appd.1/16.
93028	3-7 3-9	CO Phila	Rebabbitt eccentric straps main engine.Y
93029	3-13 3-18	CO Phila	Ditto
1914			
115399	1-12 1-19	Phila C&R	27582-E.24 Bed plates and engine foundations; main engine; reat plans.D. Ret C&R.print has been sent to Phila.1/21.
117653	1/20	C.O.	Repairs dynamo condenser, crank shafts,etc. 255--8
✓ 118648	2-20 2-26	Phila C&R	27582-E.24 Engine bearing supports: fwds plan of original bracket; satis.D. To NYS,request procure print from NYS Co. 2/28 Fwd C&R.satisfactory 2/28.
119045	3-2	NYS	725-167 Engine foundations: fwds print showing bracket.D
1915			
152051	7/16 7/21	CO Phila	Main engines: additional work.Y Fwd Dept--Rec ba done by Yd. 7/30 RB 8/2 To Phila--(R) Auth work at Yd. 8/2

KANSAS: MAIN FILERS

1918

Number.	Date.	From or To--	Subject.	
355831	10/4	Phila.	Boiler cross boxes Confirms telephone conversation	Y
255444	10:4	Phila	Cross boxes and boilers repairs; confirm telephone	
403251	3:16	Sims	Copy 7261 req. modification to allow fire room doors be opened for necessary ventilation when off sounding. CO-feds print showing furnaces dimensions. 7:14	
517119	9-15	Phone to Phila	Takes auth renewal of CC CC Y	
519585	9:25	Phila	Request vandykes of distiller.D To CC Phila Feds Vandyke- Distiller 10-4	

255-10:KANSAS: MA IN BOILERS:

Number.	Date.	From or To—	Subject.
5382506	12:15 12:20	CO Btiship Div 4	Submits report of inspection of evaporators-Y And Operns cc Div 4- C 1/7/21 R 1/19/21
510721	1:15	De t	Copy of telegr. to Atl Fleet directing make thorough investigation of evaporator installed on Y
515773	1:20 2:10	De t	Submits 2/11/21 Fwd Operns 2/11/21 To Phila Evaporators repair of 2/11/21cc Operns C&R To CO (T) Gives instrns 2/11/21 To Phila Gives instrns cc CO 2/26
553611	3:22 3:31	CO Phila	Lists parts for B&W boilers turned in at Phila.Y
569285	6/15	To CO	Boiler Headers: Ask why material was asked for with details as to any casualty which may have made it neccy cc C&R 30 Phila H CO 8:30-Y To Phila Gives instrns 7/16 Phila-submits estimates-9:23-Y To Phila Headers authd 9/28

1917

KANSAS: MAIN BOILERS.

Number.	Date.	From or To--	Subject.
210122	12-29	Phila	Boiler tubes; gives number of 4" tubes issued since SE order October; no 2" issued; for other purposes. Y
231659	5/31	CO	Request key sheet for B&W boilers Y To--Fwds/6/5
266493	12/8	Phila	Evaporator feed heater - fwds prints -
273521	1/10	CO	Evaporator feed water heater - fwds request for tubes together with prints - D To--Fwds prints as reqtd. 1-18
275993	1-25 5 Norf	To Phila & CO S-8	Tubes for evaporator feed water heater. Fwds print. 1-25 Y In reply Phila-Yard directed to hand and tin for slip to Norf 1-31 Phila - fwds prints 2/1 - D Norf - D - 2-13

255 - 10 KANSAS: MAIN BOILERS:

Number.	Date.	From or To—	Subject.
303754	5-6	To Phila	Reserve Feed water heater - Auth incidental work in connection with fitting double bottom compartments for carrying reserve feed water. Y
315047	6-4	To S&A	Reqst shipment from Phila to C O Upright. Y to CO. Reqst inform re receipt of shipment 8-26 CO - material recd 9/4 - - 9/4 - Y
315048	6-4	To S&A	Reqst shipment of side box from Norfolk to C O Y Shipment order 6-4 RB 8-5
315046	6-4	To S&A	Reqst shipment cross boxes from NY to CO Y Shipment ordered 6-4 RB 8-5
316002	6/11	Norfolk	Reqst drawing of boiler details. 255-8
312105	6/26	Norfolk	Side casting door boilers - request print - Y
355246	10-4	Phone Phila	Reqst shipment cross boxes for boilers Y RB 10:18 Phone Phila, re shipment of cross boxes, 10-2
355266	10-4	To S&A	Reqst shipment cross boxes NY to Phila Y

KANSAS: MAIN BOILERD.

Number.	Date.	From or To--	Subject.
142731	12-11 12-19	CO Phila	Estimate for replacing floor plates fire room. To Phila--Appvs. 12/23
			1915
144874	1-16	Phila	Forced draft blower engine; reqt vandyke.
158223	6-15	CO	Suggests changes in surface blow lines.Y To-- Auth to increase size of holes in.6/19
			1916
183963	3/27	CO	Fwds detailed report on condition of 12 boiler rs.Y To--Comments on. 4/8 Copies of corres To--act action on. 4/25
184808	4/9	Att Fit	CO work will be started 4-27 4-26 Reports on inspection of boiler.Y Fwd Dept-- 4/19 RB 4/25
197035	8-15	CO	Boilers; reports on condition of; dangerous; fws samples; ships force insufficient to retubing necessary.Y CO routing of box containing sample boiler tubes 9/3 To CO not received; request routing 8/31
198252	8-24 8-28	CO Fleet	Report on condition of boiler; recommends retubing be commenced immediately.Y Fwd Dept--9/2 RB 10-31 Dept will be placed in reserve Oct 1st; request information re boiler material 9/7 Fwd Dept-- will furnish information on receipt of estimates.9/12 Dept condemns Bu for failure to have material for retubing boilers on hand after 4 years notice that boilers will require retubing 9-15 To Dept-- Necessary material for retubing on hand; error made in checking up material.9/20 RB 9/23

KANSAS: MAIN BOILERS. 255-10

Number.	Date.	From or To--	Subject.
200973	9-27	CO	Submits report on boiler repairs.Y
201982	10-11	Phila To S&A--Reqt shipt of boiler tubes to Phila. 10/17 Phila lists tubes on hand 1 0/19 Rwd S&A 10/21 Phila Reqn 267 10/11 To Phila	Sufficient tubes on hand to retube 4 boilers.Y To--(T) Ask number diameter and length of. 10/12 Phila (R) number of boiler tubes required 10/14 To--Reqt shipt of from NY 10/17 Does not understand necessity for 11 sets of Dewrance Water Gauge Fittings for. Reqn held pending reply.R
✓ 202324	10/14	Phila	Boiler tubes; request plans.D
✓ 205067	10-31 11-9	CO Phila	Renew evaporator shells and coils; estimate.Y To Phila--Work auth. 11/13
206069	11-20	Phila	Evaporating plant; arrgt plan; reqt. D
207071	12/2	To S&A--Shipt reqt for tubes to Phila for. 1/6 To Phila--Instrns. 1/6 To Phila Phila gives list of tubes available for retubing 12/26 To--Reqt info as to lengths requd. 12/20 Phila no. and length of tubes to complete 1/5	Ask if have enough tubes on hand to retube boilers of in accord with rec of Bd 12/3. Y Phila lists tubes available 12/11 To--Ask if list includes 1758 2" tubes reported by CO as being on board. 12/19
✓ 208533	12-4 12-12	Phila Phila	Boiler tubes; not sufficient 2 and 4" tubes store; request be shipped from reserve stock some other yard.Y To--Ask if tubes reserved for have been issued to any other vessels. 12/16 To--Ask status of tubes on board and at Yard. 1/13
		Phila states have all 2" tubes required for retubing boilers 1/20	

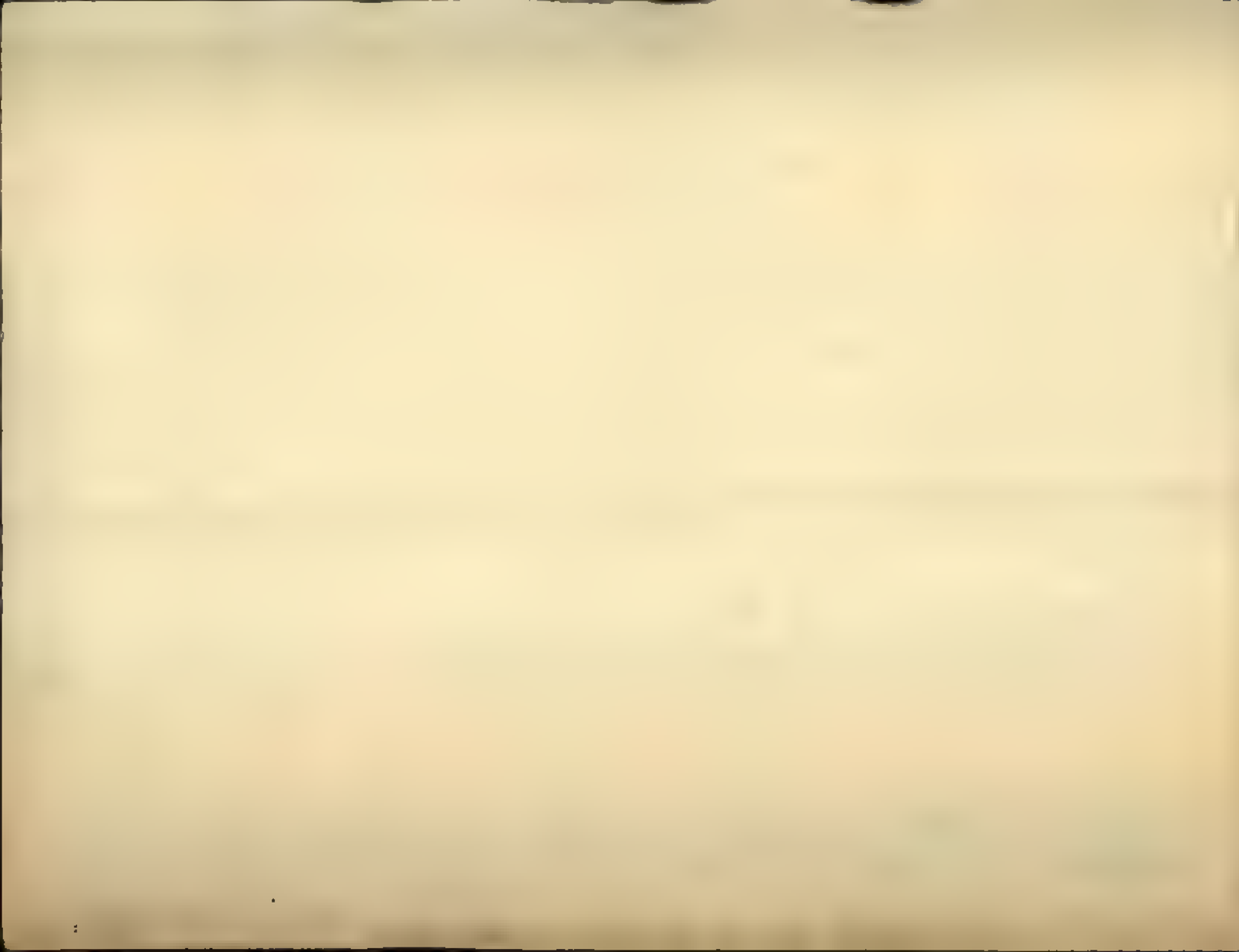
Number.	Date.	From or To—	Subject.	
46319	8/3	C.O.	Alterations: reqt double effect evaporators etc	255--8
✓ 50345	10/4	Norf 5296	Report on repairs to evaporators; additional estimates to complete.Y	
55099	11/4	C.C.	Install elec. lights in evaporator room trunk, fit cage glass fittings on evaporator install relief valve on discharge on evaporator feed pump, supply and install and additional distiller.	255-8
56309	12/7	Norf. VOID 5080-E.21	Magazine stowage; incidental work involved.Y	
56358	12/7	C.O.	Stiffen keys in coils of evaporators, etc	255--8
			1912	
69207	5-16	At.Flt	Boiler inspection; fwds report on. Y To--Asks if bottom blow valve ever ac- tually became clogged. 5/23.	
✓ 71327	6-12	At.Flt	Fwd's report from, on Navy design bottom blow valve.D	
75587	8/3	C.O.	reports on readiness for battle, force draft blowers defective, etc	255--8

KANSAS: MAIN BOILERS, etc/ 251--10

Number.	Date.	From or To--	Subject.
✓ 76513	8/23	Dept. 23241-35	Quotes report in delay in supplying barrel brackets for boilers, and requests report. R. To --- no record of reqn. for 8/24. Fwd S&A. 8/24.
			1913
87629	1-4 1-13	CO Phila 580-151-6	Repair ash pans. Y
87711	1-6 1-14	CO Phila 580-150	Renew ash pans. Y Fwd Dept. rec appr 1/17. R R 1 C a'ppd To Phila. appd. 1/20.
88298	1-8 1-17	CO Phila 580-150-6	Repair boiler casing and doors. Y
86877	1-17 1-27	CO Phila 580-151-6	Repairs to ash pans. Y
89494	1-25 2-4	CO Phila 580-150-6	Repair furnace and ash pan fronts. Y To Phila. appd. 2/7.
90664	2-6 2-14	CO Phila 580 -150	Repair uptake casing. Y
			1914
117663	1/20	C.O.	Repairs, boilers,
			255--9

KANSAS: MAIN BOILERS: ETC.

FILE No.	From or To (Dated)	Subject.	
✓ 32391 2/14	Norf	Evaporating plant; installation of feed heaters etc. to operate in double effect as well as single. D To -- Apprd as mod. 3/2.	
✓ 32774 1/12	C.O.	Install new evaporator shell & coils. pipe for distillers, main engines, etc	255-8
33214 3/4	Norf 1349	Reports action taken on directions for re-arrangement of evaporator plant. D To -- Certain pipes should be increased in size 3/5.	
34343 3/21	Norf.	& LOUISIANA: asks if any evaporator suitable for installation are in stock at any yard. If not, recommends evaporators of that size be included in stock.	258-10
34426 3/21	Norf 1720	Reqt. print showing boiler details. D To -- Plans fwd with 34345-255-15. 3/27.	
37724 4/29	Norf 2515	Evaporator; reqt. prints. D To -- Prints fwd. 5/5	
✓ 44632 6/24	Norf 4099	Fwds prints showing distiller; single & double effect. D To -- Appd. 6/7. Fwds copy of corres. W	
✓ 46320 8/3	C.O.	Reqt. new evaporator shells & coils. Y	



4-2381

KANSAS: AUCILLARY MACE.

5

Number.	Date.	From or To—	Subject.	
386340	1/17	C&R	Norfolk auth to deliver 40' steamer 1403 to S&S. Y	611-2
388990	1/27	To KANSAS	Asks correction of log re boiler instal 3893m in 2192 instead of 2193 and re instal launch 2637 in number 2965 instead 2985	611
391669	2-7	C&R	Steamer 1403 rec'd at Norfolk from KANSAS Y	611-1
398822	2/27	C&R Refer to 398322	KANSAS steamer 1403 turned in at Norf if this vessel was turned in place of 1153 retained on Bd Y	611-2
418913	5/16	C&R	Kansas directs Phil issue Launch 8547 Y	611-2
418943	5/16	C&R	Directs plate 40 foot steamer 1403 on Kans to issue at Norf Y.	611-1
420442	5/22	C&R	Phila auth issue 40' motor sailing launch 3512 to KANSAS Y.	611-2
454071	10/27	To KANSAS	Bu records show 35' motor boat hull 4058 and motor sailing launch 3689 has engine 2785. Bu directs exam; Yb	611-2
506943	7:21	C&R	Copy of telegram to Battleship Squadron 2 authorizing vessel turn in motor sailer 3151 Y	
509103	8/2	C&R	Copy of telegram to Mare Island authorizing delivery of 40' motor sailer to KANSAS. Y	611-9

KANSAS: AIX MACHY

1920

Number.	Date.	From or To—	Subject.	
512321	8/19	To KANSAS	Report if error made in reporting hull 4058 on board 6/30/20. Y	611-12
516841	9/25	To Phila Phone call	Rel 40' motor sailing launches 2637 3077 and 3689— replacement of engines Y To KANSAS— rel engines reqst 30LLants 9/25	611-9
525469	10/15	C&R	40' U.S.L. 2693 will be delivered to KANSAS: Y	611-9
536448	12/20	CO KANSAS Copy	Request one complete motor sailer engine 611 and boiler tubes be shipt to Panama Canalfor. Y	
536406	12/22	C&R	Copy of letter to CO MINNESOTA and KANSAS in conn with 40' motor barge in 55' motor boat for. Y	611-13
539221	1/8	C&R	Copy of letter to Norfolk stating 40' motor sailing launch to CO KANSAS. 1/8 Y	611-9
550126	3/5	CO KANSAS	Report cov exchange in engines in hull 6237. Y	611-9
553175	3/18 3/22	CO KANSAS Phila	Request boiler be furn to replace one installed in steamer 2892 Y	611-1
555039	4/1	Norfolk	Copy letter to C&R stating 40' motor sailing launch 2718 delivered to KANSAS Y	611-9

KANSAS: AUX. MACHY.

Number.	Date.	From or To--	Subject.	
228975	5-18	Phila T	KANSAS: rect engine for launch 3079; launches 533, 3079 and 2637 are to go to vessels.	611-2
229379	5-19	C&R	Copy of telegram to Phila, directing issue of launch 2627 to.	611-2
229656	5-22	Phila T	KANSAS: rect numbers of engines assigned to sailing launches 2637, 3077 and 3689, also date of delivery.	611-2
230999	5-30	To S&A	KANSAS: Rect shipt of KK engine No 2965 from Norf to Phila for launch 2637.	611-2
231100	5-30	Ohone Phila	HENDERSON & KANSAS. Power boats Engines. Re reassignment of engines for.	611-2
232647	6-7	Phila.	Survey called for on boiler 2031 engine 742, installed in cutter 757, KANSAS	611-1
235707	6-26	Phila	Reports receipt of motor boat 4058 with engine 3380 and shipped to KANSAS	611-2
236908	7-5	USS KANSAS R	Request oil engine be shipped immediately as rected in letter of June 30th.	611-2
309782	5/20	Co KANSAS	Reports changed in power boat machinery	611-1

KANSAS: AUX. MACHY.

Number.	Date.	From or To—	Subject.	
✓ 237310	7/8	CO	Report's change in power boat machine.	
237310	7-7	Phila.	Reports launch of 2637, 3077 and 2689, with engines 2985, 2980, and 2785 issued to.	611-2
243267	6-10	CO	Reports issue of steamer 3125 to	611-1
277274	1-28	To KANSAS	Steamer 1153. No number of engine installed.	611-1
283445	2-19	USS KANSAS.	Request Bureau expedite delivery of engine.	611-1.
301741	4/29	To KANSAS	Records show boiler and engine installed #1155 instead of #1133.	611-1
302741	5/5	To Cds all districts	Reqs that no engines or boilers for power boats be purchased prior to Bu's Appr. CO KANSAS 5/4	611
322864	6/29	CO	Report on the first circulation of	611-4
370657	11/20	CO	For letter to CO in connection with the 40th anniversary of the establishment of the U.S. Coast Guard.	611

1915

KANSAS: AUX. MACHY.

Number.	Date.	From or To	Subject.	
163259	8/12	C&R	Motor sailing launches 1156 and 2035 assigned to vessel; reqt be expedited	611-2
164843	8-27	Phila	Boat machy; turned in by: will survey. Y	
164985	9-3	C&R	Str. 1403- expedite repair s	611-1
165849	9-14	C&R	Assigns steamer 606	611-1
167497	10/4	Phila	Reports installing engine 705 steamer 606	611-1
169276	10/25	To CO	Power boat machy; discrepancy in records	611-1
172806	12/2	Phila	Reports delivery of steamer 1403, with M eng 1271 to: have survey engines turned in by vessel for repairs	611-1
182183	3/14	CO	Reports installing boiler 1935, in steamer 1153 in lieu of 2064	611-1
182656	3/23	VIRGINIA	Reports transfer of boiler 1935 to KANSAS	611-1
185327	4/19	CO	Reqt Ward boiler for steamer 864 in lieu of 1935 transferred to KANSAS	611-1
	5-4	To Phila.	Survey #52: have reqtd shipment of boiler 2172 for ~~boiler~~ steamer 1153. Y To SEA- Reqt for shipment. 6/4	
186940	5/6	To CO	Discrepancy in reports of power boats	611-1
187298	5/9	Phila	Boiler 1935 and 2064 received from KANSAS; recommend sale	611-1

1916

KANSAS: AUXY MACHY 255-11

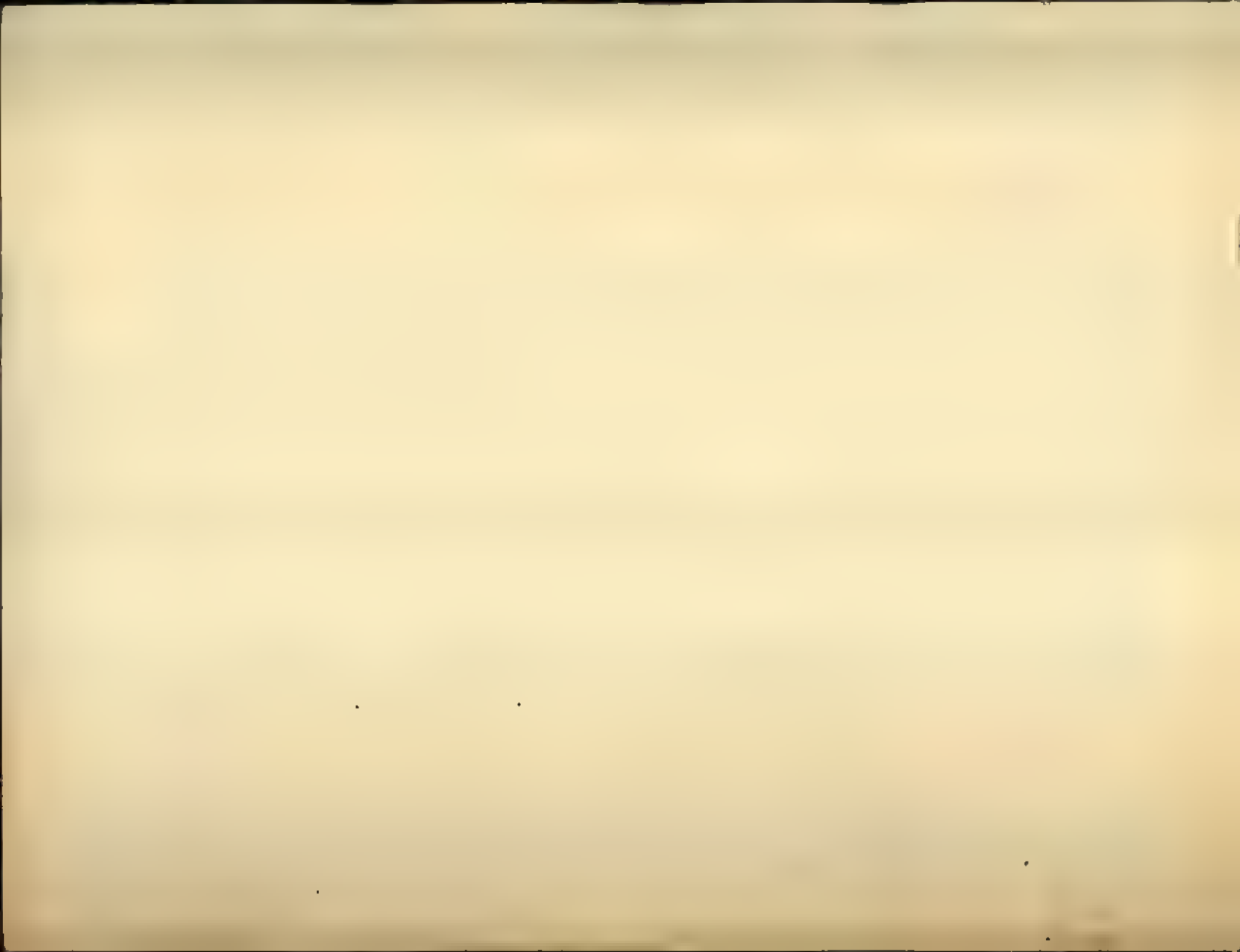
Number.	Date.	From or To.	Subject.	
189428	5-26	CO	Reports turning in boilers 1935, 2064 and receipt of boiler 2172 for steamer 1153	611-1
190070	6-6	C&R	New boat allowance. Y ~~Reid - Comments on:~~ 6/8 C&R gives new allowance of power boats 6-12	611-2
192574	6/22	CO	Ward boiler 40' steamer 153 defective; shows not properly tested and inspected before issued by Norf	611-1
193044	7/8	Norf	Reports shipment of Ward boiler 2173 to Newport for vessel	611-1
196459	8/11	CO	Reports installing E-3 engine 1025 in steamer 757, in lieu of 1153; boiler 2172 surveyed	611-1
196617	8/16	C&R	Motor sailing launches; directs Phila mfg 4 3047-50 for KANSAS and issue	611-2
197266	8/19	C&R	Phila directed to construct 40' sailing launches 3077 to 80 and 3077 and 3078 for KANSAS	611-2
218871	3-20	C&R	Assigns sailing launch 2079 to KANSAS/	611-2
228343	5-14	C&R	Rel to converting sailing launch 1533 into a motor sailing launch, and issue to the KANSAS.	611-2

Number.	Date.	From or To—	Subject.	
66887	4/22	To Norf.	Engines, Bu. type, quotes extract from Log. commenting on and trouble experienced.	639
67531	4/29	Norf.	Reports engine 1025 installed cutter 1153.	611--1
74670	7/31	TO KANSAS	Steam log lists E-3 engine as spare as number 834; Bu's record shows 835 as spare and 834 in cutter 754 on MISSOURI.	611-1
75513	8/9	CO	Requests be allowed spare launch boiler.Y To--via At.Flt.disappd-9/5.	
90683	2-15	Phila	1913 Steamer 571; work incidental to Hull div.Y	
90684	2-15	Phila	Steamer 1153; ditto	
96252	5/1	C&R	Phila Yd instructed to issue 33-ft motor sailing launch 1221, which was assigned to Mass. to Kansas. and 1381 which was assigned to Kansas to be assigned to Mass.	611--2
97679	5/18	C.O.	Sailing launch 923 transferred to MASS. for conversion into motor sailing launch 1381 and motor sailing launch 1221 and motor 2086 received.	611--2
106325	9/24	C&R	Auth. transfer of motor sailing launch 1125 from MIN-ESOTA to	611--2

KANSAS: AUXY MACHY 255-11

Number.	Date.	From or To—	Subject.	
105797	9-26	TO C&R	2221 assigned	611-2
106933	10/2	C&R	Sailing 1125 transferred to Kansas from Minnesota.	611--2
112138	12/5	Phila	Reports receipt of 30 engine 2207 for motor sailing launch 1381	611--2
122156	4/1	KANSAS	CC engine 2058, launch 1125; remedied defects and req't be not turned in	611-2
No. 4	6/1	To Phila	Ship's survey requests 51 of April 10th and 89 of May 21st; reconcile discrepancy between surveys of boiler 1770, the first reporting it in good condition with exception of certain repairs, the second condemning it for yard heap; if necessary boiler 1770 in steamer 757 will be replaced.Y	
126334	6/1	KANSAS	Requests a new boiler for steamer 757 to replace G-2 No. 1770, condemned	611-1
129464	7/9	Phila	Engine 742 from steamer 757 repaired and delivered to KANSAS	611-1
158722	6/23	To Phila via KANSAS	Steamer 571 and motor sailing launch 1221 condemned; machinery of assigned to issue	611
162649	7/29	CO	Report on disposition of steamers and motor boats.Y To Phila--CC engine 2058 of launch 1125 assigned to issue. 8/9	

FILE No.	From or To-- (Dated)	Subject	
54397 3/18	Norf.	BOATS: reqt auth. to install gasolinerengine in sailing launches on: work not completed during last visit.	611--2
36184 4/12	Norf.	Rel fitting sailing launch with aux. motors.	357--8
38833 5/15	Norf.	BOATS: states engine 748, boiler 1520 installed in cutter 571: assigned to	611--1
40219 5/31	Norf.	BOATS: gasoline engines for sailing launches, reqt action on previous correspondence.	611--2
47894 9/5	To C&R & Norf	BOATS: directs installation of engine 2060 in sailing launch of	611--2
48481 9/12	C&R	BOATS: 36' launch 1130 has been assigned to. Req't gasoline engine be installed at Norf.	611--2
1912			
66358 4/15	C&R	Boats. 40' steam cutter 478, ordered shipped Boston to Kansas to replace 695	611--1
66531 4/17	C&R	Boats: orders 40' cutter 1153 from Norf. order for 478 from Boston Cancelled.	611--1



KANSAS: CONDENSER:

1914

Number.	Date.	From or To—	Subject.
V 116249	1-22	CO	Main: rest. be retubed. Y Fwd Phila. for est and rec. 1/31. ~~appd~~ Fwd Dept. rec appr. 2/17. ~~appd~~ To Phila. appd. 2/20.
118522	2-25	Phila 580-261	Retubing of main condenser: submit estimate for manufacturing ferrules: not included in original estimate. Y To rest for mfr appd. 2/27. CO insists on use of abra packing 3-5 To desired that corset lacing packing be used for condensers. 5/25.
122151	3/18	CO	List of work to be done by ship's force at Yard. includes retubing both main condensors 255-8

[illegible]

KANSAS: HEAT:VENT: & REFRIG: SYSTEMS.

Number.	Date.	From or To—	Subject.	
✓ 51520	10/13 10/19	Norf C&R	5486 21482-E.	Magazine insulation; re lagging and removal of piping in vicinity of. D Fwd Ord. 10/24.
✓ 56309	12/7	Norf.	5080-E.21	Magazine stowage; incidental work involved. Y
			1912	
			1913	
✓ No #	4/15	To Phila.		Survey 136; repairs to ventilating set appd. L
			1914	
117663	1/20	W.O.		Repairs, refrig. plant 255--8
			015	
✓ 153190	4-16 4-24	CO Dept		Fwd extract of letter to Bd I&W relative to repairs to ice machine. Y Fwd Atl Filt-- 4/26
185276	4-20	C&R		Asks type of refrig apparatus in connection with installing ice cream freezer. D To--Dense air type. 4/20

REMARKS: 1000: 255 - 13

Number.	Date.	From or To—	Subject.	
342509	3/23	Atl Battleship Force	Copy of letter to Dept in connection with refrigerating system on listing various repairs requested - 1	
334629	8/5 X	~~Atl~~ Bat Ship Force 1	Sub detailed report of inspec of Ice machine and cold storage on Kansas	700-1
441151	10/3	To Comdt Phila	& KANSAS Spare propeller blades. Advise from what patterns and drawings blades under mg. are being made. Yc Phila lists spare blades on hand 10/16. Phila 10-15 Preparation of info delayed.	312-14
541819	12/13	CO KANSAS	Submit report on All n Dons Air Ice Machine as installed on- also comments re lubricating oil used in. R	692 re lubri

KANSAS: PROPELLERS:

Number.	Date.	From or To—	Subject.
283722	2-23	To CO	Propellers change in pitch. Inform if there is any record of any change being made. D Kansas - Propellers - no record of changing propeller - D 2-27
284372	2-26	To Phila	Starboard propeller blade. Inform if blade was issued for installation and if so is blade which it replaces susceptible to repairs. Y Phila - 3/16 - Y
287676	3/6	Phila	Reports in detail on condition of shafting - Y
288134	3/9	Phila	Propeller measurements-fwd.D
457702	11/13	Phila	Ask if another blade should be manfd to replace one spoiled. to Comd Phila - Only one spare propeller blade to be completed. 11-19
469579	1:14	Phila	Fwd propeller measurements.D

255 - 14 KANSAS: PROPELLERS:

1920

Number.	Date.	From or To--	Subject.
474330	2-6	To Phila	Spare propeller blade. To be scrapped and surveyed and report be made to Bureau. Y To Comdt Phila- Desires that the two propellers be surveyed and scrapped. 2-19 Phila-three blades on hand-4;16-Y To Comdt Phila- Reqs that the third propeller blade also be scrapped. copy to Phila. 4-20 Phila-4;26-Y
492570	5/8	Phila	Resubmits plans of propeller measurements - D
519156	9;20	Phila	Propeller data-fwda.Y.
539428	1;10	CO	Reqt instrs relative to disposition of bent shaft and broken propeller str etc.
560399	4/28	Phone to Phila	Broken Stern tube shaft- Gives instrs Y Phone to Comdt Phila- Gives inform re shaft 4/28 Phone to Phila re broken stern tube and re 4/30 Phila Gives inform 4/30
560724	4;28	C&R	Copy of letter to Phila authorizing re-docking in connection with corrected shaft.Y
560830	4;28	Phila	Request prints showing stern tube and propeller shaft.D To BU Phila fwsd Vandyke 5/2
563864	5;23	Phila	Propeller report.Y

KANSAS: PROPELLERS: 255-14

Number.	Date.	From or To—	Subject.
211586	1-15	Phila	Spare propellers: fws report on test; recommends deficiencies be waived. Y To—Auth accept. 1/18
✓ 213888	2/7	To Phila T	Bu desires renewal sleeve coupling port propeller shaft of, using spare forging reserved for COM. at Phila. Y Phila submits estimate 2/10 To—(T) directs Eng Officer call Bu long distance re sleeve coupling for either shaft for. 2/10 Phila (T) retd drawing coupling 2-10 To—ask what steps can be taken to ex. shaft work. 2/10 Phila submits report; will use COM. Eng. T's ✓ coupling: lists other work that will affect date of completion 2/19 To Phila instructions 2/24
216948	3-6	Phila	Shaft plans; request.D
✓ 227004	5/5	Phila	Reports on analysis of test specimens their spare propellers. Y To—Auth accept. 5/11
✓ 265479	11/29 22/4	CO Phila, Fws, Atl. Flt	Reports existence of excessive friction somewhere in the lines of shafting — fws curves — states results in increase in coal consumption etc — To Phila; via Operations. — C. occurs in 2nd end. 12-20
		Phila. Fws. copies of corres on condition of shafting. 4-5 To Phila. Repts that report be returned also correspondence. 4-3	

KANSAS: PROPELLERS: SHAFING: ETC

FILE No.	From or To (Dated)	Subject	
✓ 32621 2/27	Phila 14-33	Propeller blades: reports result of chem. anal. S	
✓ 56361 11/15 12/16	C.O. Norf. 6997-9651	Requests repairs to stern tubes and strut bearings of main shaft. (T) To Norf-Nor appd. 12/18. To Norf-Reasons for disapp. 12/21.	
		1913	
90488 2/17 CO 2/17 Phila. 580-164		Submits estimates for rewooding stern tube and strut bearings both propeller shafts. Fwd Dept. rec disapp. 2/18. RB 2.00 To Phila. disappd. 2/20.	
107605 9/16	C.O.	Rewood stern tube bearings, resat stop valves, on main steam line	255--8
		114	
117663 1/20	C.O.	Repairs, line shafting	255--8
		1915	
156551 6-3	To Norf.	Fwds plan 25-B-081: Screw propeller. D	
160257 7/10	Phila	Propellers: rgt patterns be returned from Norf. Id. Y	
To--Appls manuf spare propl 11/13 Phila asks if work can be proceeded with 11-1		To Norf via S&A-- Rgt shipment of to Phila. 7/13 Phila rgt delivery patterns be expedited 8-19 Fwd S&A rgt shipment 6-21 To Phila 8-21 RB 9/9	
✓ 162801 8/6	Phila	Sleeve coupling on port propeller shaft cracked. Y To--(T) Will not renew sleeve coupling. 8/7	



TRANSFERRING SYSTEMS

1919

2

Number.	Date.	From or To--	Subject.
400691	3/4	CP	Connect auxillary and exhaust line to evaporator coils To CO via B Force One and Bat Div. Three Reqt disappvd. 3-15
451308	10-13	Phila	Asks if installation of additional drainage to machy spaces shall be proceeded with. Fwd C&R. 10-16 C&R 10-23 Copy of letter to Phila.

255-5

D

KANSAS: PIPING: SYSTEMS:

1✓

FILE No.	From or To— (Dated)	Subject.	
31117 2/7	Nord. 768	Fwds prints showing air flasks and connections fitted in piping for feed water heaters. D	
33214 3/9	To Norf.	Evaporator plant: Certain pipes should be increased in size to 7-1/2".	25F-10
✓ 34345 3/20	Norf 1671	Reqd. prints of piping expansion joints. D. To -- Plans fwd 3/27.	
✓ 49112 9/11 9/19	C.O. Norf: 4961-7411	Repairs to steam piping to f.d. blowers. Y	
✓ 49774 9/15 9/27	C.O. Norf 5148 -7569	Repairs to copper piping. Y	
✓ 51712 9/11 10/19	C.O. Norf 5635-8630	Repair piping to sea stool. Y	
67629 4-24 4-27	CO Norf 2421-3970	1912 Renew section copper piping sea suction to ice machine. Y	
81762 10-17 10-30	Norf Phila 580-230-6	Copper pipe repairs: list of work not under taken Norf. Y	
		1913	

Number.	Date.	From or To—	Subject.
Survey #49	12/11	To Norf	14" Prentice lathe; directs re-survey with view to repairing and returning to, for further use. R
✓ Survey 49	1/3	To Norf. T	~~1912~~ Lathe; directs repair and have ship retain. Y
60502	2/6	To Norf.	~~1912~~ Norf. recn. 666 for 14" lathe. disapproved. Asks what action taken on Bu. telegram of Jan. 3d. Survey #49.1 RLPB 2-21 Fwd Norf. Asks if 14" Prentiss lathe survey #49. was repaired, cost of repairs, etc. 2/27. R L 3
147512	2-16	Phila	~~1915~~ ~~1913~~ Safety devices for machine tools; estimate. Y To-- Authorized. 2/18
363245	10/18	CO	Request portable milling machines - Y To S&A req ship from Phila to CO KANSAS milling machine 12/11/13 To CO- Inform if material recd. 3-1 copy to Norf. To Norf- info reqst receipt and dis of material 5-5
375	5;14	Norf.	Request portable milling machines - Y To Phila, 1-10 To Phila, Dec. 10 back Dec. 26

KANSAS: PUMPS:

1912

Number.	Date.	From or To—	Subject.	
80411	10-16	Norf 3233-580	Air and circulating pumps; reqt. vandyke.D To--f was 10/19	
91380	1/22 2/24	CO Phila. 580-210-6	1913 Main circulating pumps; manufacture new impeller shafts for. To Phila. a.p.d. 3/1.	
117663	1/20	C.O.	1914 Repairs.	255-8

[illegible]

255--20

KANSAS: VALVES: GENERAL.

Number.	Date.	From or To—	Subject.	
✓ 45472	7/12	C.O. E	Reports on Nolan bottom blow-off valves and Simplex seatless valves. D	724-1
			1912	
			1913	
94221	4/2	Phila. 580-469-6	Bulkhead stop valves on main steam line in engine room; reports impossible to reseal so as to make steamtight; fwds sketch and revised estimate. Y To---sketch appd. 4/7.	
			1914	
117663	1/20	C.O.	Repairs.	255--8
✓ 195696	7/28	CO	1916 Install distance control for dynamo room steam stop valves. Y Fwd Phila--Work authorized* 8/11 RB 9/9	
✓ 468176	12:30	Phila	Request Vandyke of 4-1/2 inch safety valve. D To--fwds prints. 1-2	

KANSAS: ALLOWANCES:

Number.	Date.	From or To.	Subject.
187209	5-9	To CO.	Addition of forced draft blower spare parts. R
197062	8-17	CO	Request special money allotment to cover boiler tubes and gage fittings. R Fwd S&A 8-19
199451	9-10	CO	Request special money allotment cover tubes for boilers. R Fwd S&A--Appvs. 9/18
205417	11-11	CO	Request additional money allotment/R To--Ask whether retubing of boilers is to be done by yard or ship's force. 11/15 CC recommends tubes be invoiced to Yard but retubed on board and quarterly allowance be credited with amount of inv. 11-20 To Atl Flt--Comments on. 11/24
217172	3-2	CO	Request additional quarterly money allotment. W To S&A--Rec spec allot 800.00 3/9
272026	1-9	To CO	Revision of Elec allow. Fwds blank allow book. 1-5 To--When may expect to reply to above. LR 8-23 To--Returns apvd as corrected. 3-30 CO - Allowance books distributed. L 6:12

255 - 21 KANSAS: ALLOWANCES

Number.	Date.	From or To—	Subject.
299303	4-12	CO	Fwds allowance list. R
320465	7-1	To CO	Receiving S E Allowance of pages
378230	1/8 5;16	To CO CO	Fwds allow book-
451565	10-16	To CO	Fwds blank allowance book for revision Gr. Ya
470342	1-20	To CO	Fwds appvd lists. Y
495584	5-25	To Phila	Rest to be notified when allowance lists are received Y To CO Fwds appvd copy of allow list. 5-25. Phila-7;20-Y

FILE No.	From or To-- (Dated)	Subject.	
No # 4/25	To C.O.	Recn. 1; tube cleaners disapproved. R	
		1912	
92407 3-10	CO	1913 Reqt. authority to turn in launch engine parts, Lyden Lytton traps, etc. R. To-- Material should be covered by survey. 3/15.	
94670 4-9	CO	Recommends increase in tools, etc. R. To-Phila via S&A - add 4/17	
		1914	
132986 8-20	CO	Reqt addition of tools R To Phila-- appvd 8/31	
		1915	
144841 1-16	CO	Reqt increase in hand tools. R. Fwd CER-- 1/19 To via Phila-- Addition of hammer. 1/19	
171185 11-10	CO	Fwd 2 copies. R To-- Returns appvd with modi. 12/17	
174004 12-11	CO	Fwd, R To-- KANSAS; submits proposed changes 1-19 To-- AL via with modi. 3/8 CO fws list 4-4	12/29

KANSAS: GAUGES & INSTRUMENTS.

Number.	Date.	From or To—	Subject.	
55507	12/6	Norf. 6708	Revolution indicator gear; requests prints.D	
			1912	
66845	4/16	Norf.	INDICATORS: Sub-Target Gun Co. engine telegraph transmitters and indicators, nwas purchased for installation on	665--2
			1913	
		1914		
123059	4/16	CO	B&W boiler fittings on eye glasses; recommends alterations to.D TO -- appvd 4-25	
233034	6-9	Phone Phila	Yard borrowed set of indicators from Kansas for KANSAS for.	511-24

KANSAS: RECORD OF WORK

Number.	Date.	From or To—	Subject.
✓ 433569	7/1	CO	Quarter ending 6/30. Y.
450248	10-1	CO BRIDGEPORT	Quarter ending 6/30. Y
450369	10-1	CO PROMETHEUS	Quarter ending 6/30. Y
558855	4;19	Phila	9;5;20 to 9;25;20.Y
453159	10/1	CO	Quarter ending 9/30. Y
✓ 492835	5;.	CO	Quarter ending Dec 31st, 1919.Y
✓ 527016	10;26	Phila	6;29;19 to 5;17;20/Y
✓ 559556	4;1	CO	Quarter ending 3;31 Y
CO-quarterly report of work 4;3-Y		To CO. Gives instrns re C&R S&A 4/28	
CO-quarterly report of work 4;3		CO-5;17-Y	
		Fwd CO 5/24	
✓ 579414	7;1	CO	Quarter ending June 30.Y

KANSAS: RECORD OF WORK

1913

Number.	Date.	From or To—	Subject.
✓ 109133	10-30	Phila	Sept 16 to Oct 1.Y
✓ 109221	10-31	Phila	Sept. 16 to Oct 1.Y
1914			
134578	9-16	Phila	Apr 10 to June 22.Y
135042	9-22	Phila	Apr 10 to June 22. Y
1915			
147014	2-11	Phila	Dec 8 to Jan 11
✓ 147034	2-11	Phila	ditto
149801	3/15	Phila	Jan. 17th to Feb. 16th.Y
✓ 149866	†	Phila	Jan 17 to Feb 16
✓ 150551	1-17	Kansas Phila	Jan 17 to Feb 16
182540	3-22	Phila	May 29 to Jan 6
183533	4-1	Phila	May 29, 15 to Jan 5, 16

1917

19

KANSAS: RECORD OF WORK.

19

Number.	Date.	From or To—	Subject.
496854	5/12	Phila 13	Tubular units - Y.
553176	3,16	Phila 12	Ward boiler.Y To Phila Gives inform cc to Phila- CC 5/29
557899	4/6	Phila 17	Motion picture machine Y
565780	5/23	Senior Off 13	Lining bearing Y
565781	5/23	Senior Off 14	Cooler, Cylinder engine Y
587939	9/28	Phila. 7	Piston rods, eccentric rod, valve rod etc Y
587933	9/29	Phila. 8	Adapter, 5 KW spark gap, relay, etc W.
587937	9/29	Phila. 6	Tube expanders, hammer, cross boxes, etc Y
588624	10/3	1	Blowers, Telephones L
588630	9/21	3rd Nav Dist 5	Telephone L
588629	9/21	3rd Nav Dist 6	Tube expanders, Hammer Y
588628	9/22	3rd Nav Dist 1	Blowers, Telephones L

AIRPLANES: RADIO

Number.	Date.	From or To	Subject.	
384123	1/7/13	To S&A	Reqs shipment from Brook to Curtiss 4 radio aircraft transmitters To S&A Reqs cancellation of above 1-31	W
386438	1:17	Insp'r Phila	Fwds letter from Aircraft Factory reports shortage radio rec P-5 boats and recs no further instal be made except on boats to be shipped. W	
386511	1:17	Insp'r Phila	Fwds radio instal report aircraft factory. W	
384500	1/15	To Insp'r Phila	Re modification in instal of radio transmitters type 11C on flying boats 1-18-13	2-3
386630	1:16	Rockaway Beach	Asks if test of radio on NC-1 started by General Elec Co rep will be completed. W To 30 Rockaway tests on flying boat will resume approx 2 weeks from date- 2/8	
385863	1-18	To S&A	Req shipment from Gloucester to Hampton Roads, radio transmitters, receivers and batteries for USN Guantanamo Expedition, W RB 7:26 Reqs. shipt. of material from Brook. to & or Guantanamo Expedition. 2/1 Insp'r Brooklyn - 2:12	
		To Insp'r Brook. Fwds copy of contract 43882 with Adams-Morgan Co- 2/19		

1919

Number.	Date.	From or To—	Subject.	
✓ 385865	1-18	To S&A	Req shipment from Schenectady, GE Co six type CG 1104 air c radio trans, an 12 type CG 916 vacuum tubes, contract 3413 to Norfolk, for USS <u>Guam</u> Expd— To— (1) Ship USS <u>Shamouti</u> for 11 zero four trans complete as possible. 2/3 To S & A 3-18 requ status of shipments	W
385869	1-18	To S&A	Req shipment from Washn to Norf radio receivers and vacuum tubes for USN <u>Guam</u> Expd— To S&A reqst above be amended to include as listed 1-23 SEA-3:27 SEA 4:23 To S&A-Fwd- 4:25 HB 5:10	
1-23 5-9		To S&A- fwds cy of ship		
reinst amend 5-19 5-13				
386497	1/20	To S&A	Wash Yd. Request shipment of radio meter apparatus as listed.	W
386498	1/20	To S&A	Wash Yd. Request shipments of radio apparatus as listed.	W
387011	1:20	En Standard	Fwds copy of test covering Marconi Flying boat transm. W	
✓ 385840	1-22	To Air Stations	Encls drawing showing proposed building for radio room to be used in activities Montauk - 1:28 Cape May - 1:29 fwd Operations 3-13 Miami - 1:29 Pensacola - 2:5	W

A. H. JAMES, JR.

Number.	Date.	From or To—	Subject.
383579	1-14	To GE	Has report of 12-30th on signals recd from to GE 500 section tube set under test at Wash W to GE 500 section tube set under test at Wash W samples of GE 500 section tube set under test at Wash W American Propeller Mfg Co-Tel-Can mfg wind- mills. 1:16
383580	1:17	To GE	Fwd immediately six copies of GE photo numbers of 2 kw base station tube transm.
384105	1-11	To SAA	Repts shipment from Phila to Gloucester Radio material as listed W SAA 10:2 fwd SAA 10/6
384116	1-13	To SAA	Repts shipment from Standard Corp to Gloucester radio and as listed
384124	1-13	To SAA	Repts shipment from West to Gloucester radio transmitters with claims and a letter. W To SAA. Requests shipment of radio apparatus as listed. 1/17 Received back 4:9 Insp'r Mass-Returns ship order of 13th for correction. W 1:18
384125	1-13	To SAA	Repts shipment from GE to Curtiss 6L vacuum tubes W
384745	1-13	To SAA	Repts shipment from Wash to Curtiss radio material as listed W To SAA. Rqst above be canceled. 2/14 R B 2:24
384768	1-14	To GE	Test of 6 vacuum tube radio transmitter attis factory-asks cost and d.l.r. of 4 of these sets W
384123	1:13	Shipment order Fwd	Received back 2:6

1919

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
385283	1:13	Inspir Curtiss	Fwds sketch of radio masts. W
385862	1:18	TO S&A	Req shipment of radio propellers and antenna reels from Brooklyn to Gloucester N J RB 3/18
385432	1:11	Hampton Roads	Fwds detailed drawings and photos of radio compass pamphlets installed flying boats 3560
385863	1:18	To S&A	Req shipment of material from Brooklyn to Hampton Roads. RB 3/18
		To Inspir Brook- Fwdy copy of above- 2/14	To S&A Repts appendment of above 2-1 Inspir Brooklyn-Req copy of contract 43882. 2:7
385706	1:16	Bu Standard	Fwds test of Marconi Flying boat radio transm.
385864	1/19	To S&A	Requ. shipt. amended to read 4 recv. 1/18 Gloucester 2:27 RB 3/18 To Cloud - Amend of calls atent o 3-4 Shipment order of 2:19 RB 4:4
386197	1:16	Bu Standard	Fwds copy of log of rec operator in con with test of airplane, transm. W
386221	1:17	O&R	Copy of letter to Aircraft Factory and inspec fwd. standard instal plans of radio, H-5 flying boats. W
386220	1:17	O&R	Copy of letter to Aircraft Factory and inspec fwd. standard instal plans of radio H-16 flying boat.

AIRPLANES RADIO.

Number.	Date.	From or To—	Subject.
383134	1/9	To Inspr Engineering Mfr 1 To S&A 12; 31; 18 R B 3; 11; 19	Rqstd Bu be informed as to number and types of radio apparatus available at Gallaudet factory for distribution. W. Received back 1:16 To Glouch- re a.s.p. Aita 3-5 To S&A Repts submit from Best to Gloucester Generator wing clamps antenna reels 1-21 To S&A req alignment from Boston to Glouch wing clamps and antenna reels came of 2-26
383549	see cd 117		
383121	1/7	To Com 7th Dist	Reply rqstd Buseng despatch 18002. W
384387	1;10	OO NEW MEXICO	Throat type transmitters loaned to J S Dowell returned. W
383560	1;11	Inspr G E	Shortage of accessories reason of delay in shipment. To-- Best expedite delivery of CG 11 C4 report desp reasons for delay 1-10
383128	1-11	To Dept (Avi)	Re.t. ~~xxx~~ that 2 monthly copies of Avi material progress report be furnished Bu W
384765	3;5	Pg Sd	Fwds prints showing radio comp house and trans on twin. W

AIRCRAFTS RADIO

Number.	Date.	From or To--	Subject.	
✓ 383566	1-10	To Bu Standards	Lists proposed wave lengths for aircraft use	W
383567	1-10	To Hamp Rds-	Reqs they submit vice weekly reports on 10th and 25th concise progress report of experimental work To Bu Standards ditto 1-10	W
383568 <u>Over</u>	1-10 4:14	To Bu Stand rds Gloicester-Avds material sheet.	Reqs test of 24 volt 1200 volt DC generator unit. O. Crocker Wheeler Co- Bu Stand-Report of test on gas engine gen. W 1:14 To Insp. CE- Desires that only complete sets of aircraft radio transmitter be shipped 1-15	W
383576	1-10	To S&A	Re ts shipment from Wash to Gloucester 3 sperry Sperry Co aircraft radio transmitters SB 3:21	W
383578	1-10	To Cutting and Washington	Reqs that contact sup ort of aircraft send-receiver switch type SE 14 2 be redrilled W To - Lists difficulties report with aircraft radio transmitter type CE 1110 1-11	W
fwd 3&A	3-12		To Gloucester - List of all radio app on hand Cutting & Washington - 1:13 1-13	W
383569	1-10	To 7th Dist	Philips rep of radio app Gloucester 1:13 1:20 of 4 phone transmitters 1-13	W
383510	1:14	Insp Brook	Lists insulators airplane propellers and antenna on hand ready for deliv. W	W

4—3241

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
382544	1/7	To SAA	Req ship from Washn to Gloucester rad o transmitt rs R B 3;21
383199	1;14	Brest	Req antenna reels be held at station. Req Copy of ship order. Gloucester 2;18
383287	1;5	Bu Standard	Report of further test on GE 2 kw sat. W
383119	1-8	To CO Air Stations	Reqs that all radio app type GE 615. Deforest r To States To Brunswick GA- mission grant no ship. to retain 3 aircraft antenna reels reast. is. ned. 220 Boston 5;13;191-24 To Gloucester- Reqs that they repair surveyed To Chatham- Only obsolete and common is possible and disantle as cannot be damped app shipped to Gloucester repaired parts to be used for surplus-11 Fwd Gloucester 1-29 1-28 Chatham - 1;2 W New Brunswick-list appart ship 380752 1;7 Com Submits status of compassstation Montelooking (to Glou
383648	1;7	Insp'r Alron	Req sat Westinghouse volt meters and ammeters be supplied. W To Insp'r Alron- asks exact kind of current. 1-24
384079	1;7	Insp'r Phila	Conf tel conv asking why reports have not been received regularly. W
382597	1/9	To SAA	Reqs radio receivers be ship from Wash to GE Co NY. W.

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.	
379418	12-23	To S&A	Repts shipment from Cape May to Gloucester Radio transmitters	W
379420	12-23	To S&A	Repts shipment from GE to Wash 2 aircraft radio transmitters To GE Company tel 3-22 To Comdt Washn- reqst prelim tests be made 6-3 Wash-Test report. 7:21	W
379478	12-23	To GE (T)	Repts shipment from GE to Bu Standards 1 aircraft radio transmitter	W
379171	12-23	To S&A	Repts shipment from Wash to Bu Standards 8 vacuum tubes Received back 1:9	W
379563	12-23	To S&A	Repts shipment from Brook to Gloucester 4 spool antenna wire Received back 1:16	W
379934	12-24	To S&A	Repts that transmitter CG 1130 be given service test	W
379949	1-27	To Hamp Rds		

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.
380555	12-27	To Insp Eng Mat	Fwds prints showing standard installn Plans for aircraft Radio transmitter type SE 1100 for flying boats H-16 To Bus and Insp - Fwds bprints re above 12-28
1114	12-28	Insp Akron	During To Insp Akron - Ask report of investigation of transmitter fr a/c 1-2 Insp Akron - Submits report dirigible C-2 on first flight. 2dist 1-30 r, b 1-7
150	1-1	To S&A - Repts ship receiving ant from Wash. 1-5 Smithsonian To S&A - Rept shipment antenna reel from Phila to Smithsonian. 1-5 Aircraft Rept 1/13	Fwd Dept 1-30 To --- Apparatus is being assembled in Wash and will be fwd within few weeks - 2/10
381357	12-31	To S&A	Repts shipment from Phila to Gloucester 20 aircraft radio helmets RE 3:11:19
18048	12-31	To S&A	Bu Stand-Semi monthly prog report. W 3:10

Number.	Date.	From or To—	Subject.
379700	12:10	Encl. 379700	Encl. 379700 of st. of 379700 27 Nov Bu Stand-Lens monthly progress report. 5:50
379876	12:23	To S&A	Received back 1:21
379854	None	Encl. T T Hoopes	Encl. weekly report of aircraft radio equipment. W
378026	12/19	To S&A	Rqst 2 spare part boxes be shipped to Glen from Post. W.
378501	12/19	To Rockaway Beach.	Provided sketch lead-out insulator.- Rqst be made out and installed as soon as practicable. Rockaway- Furnishes prints. 1:8
379433 see card 125			
379413	12:40	Encl. 379413	Encl. report on test in con. with reception of tel. on 12/19/46. W
379742	12:21	Encl. 379742	Encl. report on test of 379742 to radio material to Insp. Akron- No desired to repair above 12:26

AIRPLINES: RADIO

Number.	Date.	From or To	Subject.	
380009	1-20	Western Elec Co	22 lines of 18 lbs. 11.	
379671	12-24	To Hamp Rds 103	Re use of special cable on observation balloon -As if can be towed from Hamp Rds to Radio Station Hampton Roads - 1:5	W
378860	12-20	To S&A	Repts shipment from Wash to Gen Radio Co Cambridge 12 type CG 1162 vacuum tubes	W
379166	12-21	To S&A	Repts shipment from Brook to Inscr Buffalo Cable as listed To request case of 3-5	W
379167	12-21 canc of amendment of 4/10 Shipt order of 12/21/18 amended 4-20	To S&A	Repts shipment from Brook to Gloucester radio material (See 2916-629) Amendment of shipt order 4/10/20 Inscr Brook. 4/15	W
379170	12-23 Amend of S. O. 12/21-4/10	To S&A	Repts shipment from Bost to Gloucester 5 aircraft radio transmitters	W #
379173	12-21	To Hamp Rds	Asks that sketches and accurate meas- urements of installn of transmitter and receiver on dirigible 4-237 and be sub- mitted to Bu	W
379171	1:4	Inscr Mass	Copy of let from Bu Standard. Shipment Order-Fwd 12:28 received back	1:20

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.	
377374	12-16	To Wash	Feds report on type SE 1012 receiver submitted by Radio Lab Bu of Standards	W
377381	see card 145			
364725	12/17	See Card 87.	Enclose copy of report of test on K.W. radio transmitter. W.	
376907	12/17	To E.J. Simon	Confirmation of convsn between representatives of E.J. Simon and Bu S. Eng has been made to Post Office Dept. W.	
376934	12/16	To Insp'r Buff.	350 feet of model "H" high tension cable will be furnished by Bu at once. W. Insp'r Curtis Tel. high tension wire not rec. req rush. W 1:20	
377378	12/16	Wash Yd.	Reqst that 25 type CBG 3535 batteries be shipped to Insp'r Engineering Material, Akron Ohio.. To SEA req can of 30 12-16 5-5 RB 5:12:19	
376401	12/17	GE Co.	Bu Stand-Semi-monthly report. 1:25 BU Stand-Semi-monthly progress report. 2:13 Bu Stand-Feds report 2:26 Bu Stand-Semi-monthly prog report. 5:12 T Johnson will visit Connecticut Monday 12/16 Desires confer with Payne Brooks White. Will they be present that date. W.	

AIRLINE: 10

Number.	Date.	From or To—	Subject.
378552	12-17	Bu Stand-Progress report. 4:25	Avds weekly progress report.
TO CARD 148	7:14	Bu Stand-Sub monthly report	Bu Standard-Weekly report. 1:5
		7:14 To Bu Std- asks fwa summary of work on problem 7/22	Bu Stand-Semi-monthly report. 1:11
376304	12-10	Bu Stand-Rep on descrip of app used. 7:30	Bu Stand-Local month report of prog on airc div. 3:24
		12-10 Aircraft Storehouse SEA	Bu Stand-Asks computation of constants for loop antenna for dirigible. 3:25
			4:30 Bu. Stand. 4: Bu Stand-Status report. 7:30
			Submits report of radio telephone sets and spare parts at store house
378550	12-17	War Dept	all report on report 48176 cov
			To Signal Off- material not del no charge 3-29
378558	None	War Dept	Req action.
378551	12-18	War Dept	Recs taken stop contract 48176 cov
378506	12-15	Chatham	To Chatham has on file copies of above 12-21
378506	12-17	Chatham	Shipment order of 12:19 nask 1:13

AIRCRAFT RADIO

Number.	Date.	From or To—	Subject.	
✓ 376400	12-13	To Insp'r Goodyear Tire & Rubber Co	Gives details for construction of antenna inside of envelope Lamp action 1:11	ant W
376643	12-13	T. S&A	Repts shipment from Insp'r Brook to Curtiss Garden City- 2 SE 1100 flying boat radio mitters	trans W
376644	12-13	To S&A	Repts shipment from Insp'r Bost to Curtiss Garden City- 6 vacuum transmitting tubes Received back 1:16	W
376647	12-13	To S&A	Repts shipment from Wash to Curtiss Buffalo radio app as listed To S&A - Rpt shipment from Wash To Curtiss be canceled 2/14	W
376649	12-13	To S&A	Repts shipment from Gloucester to Ham p Rd- 20 antennae reels	W
377714	12/13	Hampton Roads	Submits report of test of gen. radio transmitter for aircraft equipment	W
375922	12-11	To S&A	Repts shipment from Bost to Bu Standards Wash 21 vacuum trans tubes	W W
376158	12-12	To S&A	Repts shipment from Bost to Curtiss ten vacuum trans tubes Received back 1:27	W
376304	12/20	To S&A	Repts 4 radio tale sets and 2 boxes radio sp re parts be turned into store at NY. W	W

1918

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.
376396	12-14	To S&A	Repts shipment from Wash to Radio Lab Wash Radio Lab as dictated 12-18 W
376397	12-12	To S&A	Repts shipment from Wash to Akron 10 air plane compass receivers W Repts that above shipment first be amended to include 10 telegraph tubes 60 receiver tubes and 6 batteries. from Wash to Akron 12/18
376637	12-12	To S&A	Shipment order back 2:1 Repts shipment from Wash to SE Wash practice telegraph keys and high frequency buzzers W
377377	12/14	To S&A	Repts that 250 type C&G 3535 batteries be shipped from Phila to Gloucester. W. Received back 2:8 Phila - 6:27
377406	12/15	Letter Akron	Letter from Phila 12/15 11:30 AM Repts that 250 type C&G 3535 batteries be shipped from Phila to Gloucester. W. Received back 2:8 Phila - 6:27
378017	12/18	Hamm Hds.	Com Off Montauk L.I. will fwd 2 wind kites. Upon rept lists that they be tested and rpt submitted to Montauk. Ask self kites have been shipped L.I. Montauk-Splitz report on experiment with photoes. W. 12/18
TO 112	12/18	Montauk 10445	Com Off Montauk L.I. will fwd 2 wind kites. Upon rept lists that they be tested and rpt submitted to Montauk. Ask self kites have been shipped L.I. Montauk-Splitz report on experiment with photoes. W. 12/18
377372	12-16	To C&G F. S&A NY via C&G 1-11	Re making provision on next type AC-1 Antenna system C&G-Sub report on proposed instal on AC-1 W 1:7
357205	12/14	Super Const-Rece reopening of exp MC-1 Type. L 2:10 To S&A	Radio Wa terial to be shipt to Akron. Salmon colored copy of reference is attached in accord ance with 2nd indorsement. W.

Number.	Date.	From or To—	Subject.
✓ 375529	11-11 11:5 1:9	NY-Reports on shipment of transmitter sets. 4:31 To NAVCEN. To F.R.S. Chili & Washington Mass	To NY- asks how many sets available for shipping board vessels 4-5 NY 4:11 Fleet Ship Base-List sets received 4:14 4-15 To NY- info reqst how many trans can be used showing new map look over
✓ 375502	12:11	E J Simon Co	Copy of 1 to go to Office Port station last no connection to the station of radio on port office plans.
✓ 376999	1:11	New London Base	Letter from New L Conn for instruc of students on duty of sub.
✓ 376799	12/18	To Sub Base New L Conn.	Bu issuing shipping orders covering shipment of all material rstd in ref. 7/12/18/ W

Index: RADIO

Number.	Date.	From or To—	Subject.
✓ 376924	12:6 12:11	Insp. New York Insp. New York	1. Insp. on radio transmitter for Navy's service. 2. Insp. on radio transmitter for Navy's service. Fwd Insp. NY 12-14
376613	1:13	Shipment order fwd	Received back 1:22.
✓ 376924	None	Insp. Curtiss Tel	Insp. Curtiss Tel to complete journal of Insp. Curtiss to complete contract radio Shipment order of 1:4 back 1:14 Insp. Curtiss submits shortage. 1:13
377390	12/18	To S&A	Post that 1 radio transmitter be shipped to Wash from Bost. W.
✓ 377007	12:10	Anacosta	Report of Insp. Curtiss set with new type trans.
✓ 376907	12:10	W J Simon Co	Insp. Curtiss Tel to Insp. Curtiss Insp. Curtiss Tel to Insp. Curtiss
377543	12/13	Copelav Mfg. Co.	Req. rep. on seaplane power unit delivered to Bur. for experimental work W

27-10

Number.	Date.	From or To—	Subject.
27-137	12:5	Akron	To S&A, rust shipment dry batteries NY to Akron. 12-12 To S&A-Rust shipment 24 batteries NY to Akron. 12/12
27-147	12:5	Bureau Standard	Report of further test of 2 lw. and elec to Genl. Co. Fwd. copy of report on tests. 12-10
27-193	12:5	Genl Elec Co	Work on instr. in of airplane sold for listed could repaired, fig through Bureau.
27-271	12:5	S&A	Guard stationing Co values material lost by Lt. S&A 12-9 Navy Dist Office-fwds corres relative to bill-7:12-week fwd Airc Fac 7/162 1921, copy back 7/26 WW
27-285	11:14	Union Anthony	Relative to shipment of airplanes, to
27-484	12-10	To H. Rds.	Fds. blueprint copies as rec'd.
27-511	12-10	To H. Co.	Gives probabl. re assignments of radio tubes. To Give some of above info 1-13

AIR MAIL 24-10

Number.	Date.	From or To—	Subject.
375536	11-17	Inspcr Brooklyn	Asks report of ship of radio material made 12-9.
375003	12-6	To S&A	Reqs shipment from Brook to Curtiss 16 flying boat radio transmitters W
375005	12-7	To S&A	Reqs shipment of material from Brook to Buffalo for Aero. & Motor Corp. 2/4 Reqs shipment from Brook to Wsh for Bu Standards 2 flying boat radio transmitters W
375154	12-7	To S&A	Reqs shipment from NY to Akron-Bakelite she ts as listed W
375009	1-7	Genl Elec Co	Asks ranges of wave length of tel trans. Tel Co. in fact to give 57 trans. 1-6 12-5 To--(T). give inform re above. 12-11
376143	1-14	Itlian Mail Co	Hampton Roads-Report of test of fixing antenna system on flying boats with photos. 12-28
376144	1-13	flyng boat H-42	Special attention given to J. I. L. L. S. for sea trials. W To Hamp Rds-Asks report on all experiments made on fix. antenna systems on flying boats. 12-24 To Dept (OP) ditto will be in suggested 12-24 To Hamp Rds-Asks that photos of antenna system of
376435	12-17	Chatham.	Submits report on type C a g 1295 transmitting sets. W
376012	1-9	To S&A	Reqs. ship. of radio apparatus from Wsh. to Harvard Uni. 1162, instead of 64 tubes. 12/19
To S&A	1-11	Q. 111	To correct faded 1-24th 1-29

Number.	Date.	From or To.	Subject.
✓ 372507	11:26	Coppley Mfg Co	Return drawings listed.
372113	11-27	To S&A	Best shipmt 5 boxes radio mat'l Phila to Insp East Greenwich, W
	4:23	Phila-Request College Point be directed to return material. W	Received back 1:11 To SO Phila- Mat'l shipmt to College Point without handles for antenna reels and weights- Best info concerning disposition of ~~these~~ these handles - 2/12
372566	11-29 ?	To S&A	Best shipmt transmitters & generator systems. Insp Brook to Gloucester. RB 4:31 Brook-Transm was damaged in transit. 2:26 To Gloucester- Advises damage will be fixed up with Amer. & Insp Co- 3-4
372484	11:26	Hampton Roads	Report of further test of 575 meter ~~and~~ inc U tube transm.
372745	None	W M Runyan Akron	Storage battery not received, req Adv at once.
✓ 372767	11-29	To GE (T)	Tests at Brookway will be made Sunday morn- ing 1-1 Wire if you can be there W
374664	11:27	Charlestona Lake	All material on hand.

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.	
372772	11-29	To Wash.	Repts observations as listed be conducted on E.J. Simon 1/2 KW Aero Radio Quenched Spark Transmitter 11-29 sub report of test 375 motor and tube	
✓ 373028	11-30	To War Dept-Mil Aero	-Ends Navy Dept (Radio for Aircraft) Training Manual of Sept 1918.	W
✓ 374083	11-27	Hamilton Roads	Sub report of test 375 motor and tube	
373337	12-2	To S&A	Repts shipment from Brook to Gloucester-100 stream lined antenna weights To S&A request shipment Radio apparatus as listed 1/20 received back 2:3	W
373332	12/2	To S&A	Repts. shipt. of insulating rings from Wash. to Akron. shipment order 12:14	
373545	12/3	To Cambridge.	Author. to purchase 3motors.	
37326	12/3	Inscr Jap.	Radio phone for M. Repts. test 3:14 instructions re disposition of. "I."	120

L. B. D. IC:

Number	Date	From or To	Subject	
✓ 372551	11:25	Sims Copy 472	Generator will be shipped to W Div.	W
372573	11:26	Insp Phila	Rec'd letter from Aircraft Factory, re: that 100-2-100 on C and S C flying boats be discontinued.	
371721	12:25	Shipment Order	Received back 1:11	
✓ 371720	11-25	To S&A	Hqst shipmt 18 transmitters Phila to Insp Elizabeth, N.J.. W received back 1:2	
371859	11-26	To International Radio Telegraph Co.	Considers copper plating of the steel bolts for wing clamps type satisfactory. W	
372204	5/29	Mr. Dert.	100-2-100 on C and S C flying boats	399
38701	11/22	Insp Aaron.	of 100-2-100 on C and S C flying boats	6x

AIRPLANES: RADIO

Number.	Date.	From or To	Subject.
✓ 373078	11:26	Aircraft Factory	Conf tel conv rel to shipment of transmitters.
✓ 373009	11:26	Aircraft Factory	Conf tel conv rel to transfer Carroll B1 3rd C to Bu Standard elec equip and experimental work with radio. W
✓ 373271	11:29	Bu Standard	Report of test of 2nd elec 2 kw trans mission. W
✓ 373272	11:29	Bu Standard	Report of reception of 2nd elec tube transmission. W
✓ 373270	11:29	Bu Standard	Report of reception of 2nd elec tube transmission. W

Air Mail: Radio

Number.	Date.	From or To—	Subject.
371925	11:21	Aircraft Factory	Aircraft instal report on aircraft.
371926	11:22	Insp'r Phila	Aviation storage battery not in accordance with specification, with prints with comments
371975	11:22	Post Office Dept	Req equip radio compass and transmitter for all To—, above to be installed but charged to P.O. Dept., 11-27
372095	11:25	Insp'r Curtiss Tel	Upd— requires 4 cranks for antenna To—, no cranks available at this time, 11-27
371305	11-25	To Insp'r Akron	Re necessary equipment for transmitters on dirigibles. To GE, rst copies of instructions and wiring diagram for base station tube transmitter, 11-25

918: AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
371672	11-23	To Inspr Akron (T)	Use for transmission six hundred meters only, W
371722	11-25	To S&A	Reqst shipmt radio apparatus Phila to Inspr College Point, W Received back 1;2
371726	11-25	To Dept	Comments re range of radio compass on aircraft, W
372175	11;25	Bu Sta. land	Received report on Spruce airplane.
372582	11;9	Memo Conference	With rep. of the corps regarding amplifier for use in aircraft. W
372114 Old Number	4;30	To Ph	Instal of radio equip.

Radio: R-10

Number.	Date.	From or To	Subject.
370497	11:16	Insp'r Brooklyn	Radio radio ship report week ending 16th.
371355	11:15	C&R	Sub status of mfg of masts at G B Carpenter Co W
371342	11:24	European Forces	In con with Lt Vaughan of Sig. Corps re: 1st patent of British finder 33 eme devel by British Navy.
371473	11:30	W L Experiment Sta	Regenerator in spare parts for 11:11 To ML, rqt batteries be charged, 11-26
371277	11:32	Bu Standard	Enclosed copy of report on test of type OE 371 airc radio receiver made at Naval Airc Radio Lab. 12/17
370 694	11/17	Hinton Roads.	Radio 9 a/c for aircraft, report on test for 375 mtrs 11:11 to 11:30 To Fwd 4 bprint copies re above 11-30

APPENDIX: RADIO

Number.	Date.	From or To—	Subject.
271613	11-21	Marconi Co	Cover lot to Inspr B... Klyn stating no ... approved type of ... red.
370063	11/22	To Phila AIA S&A	Asks info about ... for grant ... to ... same info 11/22
369746	11-23	To Inspr College Pt	Sends prints showing new reel mounting boards on seaplanes. To Inspr Santa Barbara, same information 11-23 To Inspr Elizabeth same information 11-23 To Inspr Boeing, same information 11-23 To Inspr Greenwich, same information 11-23 To Inspr Curtiss, same information 11-23 To Insp. Buffalo. Satisf. to install reel boards. 12/3
370720	11-22	To SEA	Rqst shipt radio apparatus Inspr Brook to Insp'r Buff W received back 1;12
370725	11-22	To Inspr Buff (T)	Rqst No complete radio equipments needed equip planes W To Insp'r Phila (T) same info 11-22
371295	11-23	To S&A	Rqst shipt radio apparatus Wash to Buseng W
371302	11-23	To S&A	Rqst shipt radio mat'l Insp'r Brook to Goodyear Flying Field. W Received back 12;12
371371	11/23	To ...	Pub. ... To Hamp Rds. "Cancels above 11-24"

To Norf- fwa prints

[OVER.]

4-3381

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
370467	11:16	T T Moores	Re report for a to work done in con with To Chatham re radio transmission from seaplanes on water, 11-23
370497	11-21	To Inap Brook	Re truck not available for ship of radio W
370686	11:17	Hampton Roads	Radio fail for aircraft, report of test between F-5 W To --- Reprints re above 11-30
370725	11:20	Inap Brook	Re report for a to work done in con with To Inap Brook Reprints re above 11-30
370896	11:20	Bu Standard	Re report for a to work done in con with To --- Reprints re above 11-30
370768	11:17	Hampton Roads	Sub report on aircraft. W To ---, ackn re ort on radio compass, 11-25 To --- Reprints 4 byrint copies re above 11-30
369739	11-20	To Aircraft Akron.	Representative Buseng will arrive Thursday morning from Washington, in connection with radio installation on aircraft. W

Number.	Date.	From or To—	Subject.
369547	11:14	Insp. Brooklyn	Antenna reels, from sample of handle tried out. To Insp. Brook, sample reel handle approved 11:18
369940	11:14	To Pensa--Grants auth for dismantling of 7 incomplete radio transmitters. 1/9	Re: 11:14 of same transmitters is authorized. To install of aircraft transmitters type CE5.5 not authorized 11:20 Pensacola-Report of transmitters in stock. 12:31 Pensacola- 12:31
369150	11-18	To EJ Simon, NY	Re Visit of EJ Simon to Pensa; states permission must be obtained from Bureau in all cases W EJ Simon-States visit to Pens was purely for purpose of obtaining assistance. 11:26
369151	11-18	To OO's	Re visits of contractors to air stations: No visits without permission of bureau W
369727 see 362777	11-18	To Insp. Phila.	First weekly reports of aircraft install W Insp. Phila-Fwds weekly report. 1:21 Insp. Phila- Submits report 1:28
369660	11:15	Junior F E Dunklee	Sub serial number of radio sets instal on H-2 sent to A-26.

AIRCRAFTS; RADIO

Number.	Date.	From or To—	Subject.
369801	11:14	Dept	Will supply eight army type spark coils to Insp'r Brook— Asks to be informed when above will be delivered to Pensacola 12-21
369809	11:1	Siam Copy 9638	Rec adoption of all standard radio trans- mission rates of 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000, 10100, 10200, 10300, 10400, 10500, 10600, 10700, 10800, 10900, 11000, 11100, 11200, 11300, 11400, 11500, 11600, 11700, 11800, 11900, 12000, 12100, 12200, 12300, 12400, 12500, 12600, 12700, 12800, 12900, 13000, 13100, 13200, 13300, 13400, 13500, 13600, 13700, 13800, 13900, 14000, 14100, 14200, 14300, 14400, 14500, 14600, 14700, 14800, 14900, 15000, 15100, 15200, 15300, 15400, 15500, 15600, 15700, 15800, 15900, 16000, 16100, 16200, 16300, 16400, 16500, 16600, 16700, 16800, 16900, 17000, 17100, 17200, 17300, 17400, 17500, 17600, 17700, 17800, 17900, 18000, 18100, 18200, 18300, 18400, 18500, 18600, 18700, 18800, 18900, 19000, 19100, 19200, 19300, 19400, 19500, 19600, 19700, 19800, 19900, 20000, 20100, 20200, 20300, 20400, 20500, 20600, 20700, 20800, 20900, 21000, 21100, 21200, 21300, 21400, 21500, 21600, 21700, 21800, 21900, 22000, 22100, 22200, 22300, 22400, 22500, 22600, 22700, 22800, 22900, 23000, 23100, 23200, 23300, 23400, 23500, 23600, 23700, 23800, 23900, 24000, 24100, 24200, 24300, 24400, 24500, 24600, 24700, 24800, 24900, 25000, 25100, 25200, 25300, 25400, 25500, 25600, 25700, 25800, 25900, 26000, 26100, 26200, 26300, 26400, 26500, 26600, 26700, 26800, 26900, 27000, 27100, 27200, 27300, 27400, 27500, 27600, 27700, 27800, 27900, 28000, 28100, 28200, 28300, 28400, 28500, 28600, 28700, 28800, 28900, 29000, 29100, 29200, 29300, 29400, 29500, 29600, 29700, 29800, 29900, 30000, 30100, 30200, 30300, 30400, 30500, 30600, 30700, 30800, 30900, 31000, 31100, 31200, 31300, 31400, 31500, 31600, 31700, 31800, 31900, 32000, 32100, 32200, 32300, 32400, 32500, 32600, 32700, 32800, 32900, 33000, 33100, 33200, 33300, 33400, 33500, 33600, 33700, 33800, 33900, 34000, 34100, 34200, 34300, 34400, 34500, 34600, 34700, 34800, 34900, 35000, 35100, 35200, 35300, 35400, 35500, 35600, 35700, 35800, 35900, 36000, 36100, 36200, 36300, 36400, 36500, 36600, 36700, 36800, 36900, 37000, 37100, 37200, 37300, 37400, 37500, 37600, 37700, 37800, 37900, 38000, 38100, 38200, 38300, 38400, 38500, 38600, 38700, 38800, 38900, 39000, 39100, 39200, 39300, 39400, 39500, 39600, 39700, 39800, 39900, 40000, 40100, 40200, 40300, 40400, 40500, 40600, 40700, 40800, 40900, 41000, 41100, 41200, 41300, 41400, 41500, 41600, 41700, 41800, 41900, 42000, 42100, 42200, 42300, 42400, 42500, 42600, 42700, 42800, 42900, 43000, 43100, 43200, 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150400, 150500, 150600, 150700, 150800, 150900, 151000, 151100, 151200, 151300, 151400, 151500, 151600, 151700, 151800, 151900, 152000, 152100, 152200, 152300, 152400, 152500, 152600, 152700, 152800, 152900, 153000, 153100, 153200, 153300, 153400, 153500, 153600, 153700, 153800, 153900, 154000, 154100, 154200, 154300, 154400, 154500, 154600, 154700, 154800, 154900, 155000, 155100, 155200, 155300, 155400, 155500, 155600, 155700, 155800, 155900, 156000, 156100, 156200, 156300, 156400, 156500, 156600, 156700, 156800, 156900, 157000, 157100, 157200, 157300, 157400, 157500, 157600, 157700, 157800, 157900, 158000, 158100, 158200, 158300, 158400, 158500, 158600, 158700, 158800, 158900, 159000, 159100, 159200, 159300, 159400, 159500, 159600, 159700, 159800, 159900, 160000, 160100, 160200, 160300, 160400, 160500, 160600, 160700, 160800, 160900, 161000, 161100, 161200, 161300, 161400, 161500, 161600, 161700, 161800, 161900, 162000, 162100, 162200, 162300, 162400, 162500, 162600, 162700, 162800, 162900, 163000, 163100, 163200, 163300, 163400, 163500, 163600, 163700, 163800, 163900, 164000, 164100, 164200, 164300, 164400, 164500, 164600, 164700, 164800, 164900, 16500

AIRPLANES: RADIO

1918

Number.	Date.	From or To—	Subject	
367187	11-12	To S&A	Rqst shipt radio apparatus Wash to Inspr Phila W To S&A Rqts cancellation of above 1-31	
367186	11-11	To S&A	Rqst shipt radio apparatus Inspr GE to Inspr Phila W R B 3/8	
367185	1-27	To S&A	Rqts that shipt order 11-11th from Bost. to Phila for 125 vacuum tubes be cancelled W	
367536	11/13	Comdr J. Reed.	Report on radio control sub- mitted by radio officer in France- W.	7-5-9
368317	11-14	To S&A	Rqst shipt radio apparatus Wash to Inspr Ohio W	
368325	11-14	To S&A	Rqst shipt radio apparatus Gloucester to Inspr Ohio W Gloucester-Rq copy of ship order. W 11:25	
368332	11-15	To Montauk L I, NY	Re install of apparatus on twin-engine dirigible to be erected at Montauk, comments W	
368332	11:24	4th Dist	Rvd Radio not received 11:28	
369268	11:14 11:15	Aircraft Factory Inspr Phila	Decimeter used in connection with Marconi transmission and sketch of terminal block and sub- components of the charges. W To Inspr Phila, install approved 11-19	

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
369269	11:14	Aircraft Factory	Conf tel courier asking if shipment of pilatron tubes had been made to make up shortage.
369207	11:14	Dept	Copy of letter to E. J. Simon Co in con with air of Simon set ~~pieces~~ from spec. W
369494	11:16	Dept	Mod instruc of Sept 21 rel transm tubes in radio set for H-16 and F-5 flying boats may be omitted.
369504	11:16	C&R	F-5 flying boat directing further ground in con with radio tel. W
369355	10:23	Aircraft Factory	Instal of radio on aircraft, additional report 12.

1918

Number.	Date.	From or To	Subject.	
366764	11/6	Phila Airc Accty	F-5-L assemblies- radio report- was prints of design submitted to Col. Porte R	736
366746	11:10	Inter Airport	Edw drawings. W	
367844	11:7	Hampton Roads	Edw's report of test on transm for air plane. W	
367160	11:20	Shipment order	Received from	
367979	11:9 11:7	Marconi Co Ingr Brooklyn	Edw's report on gas engine and generator received from Marconi Co for test	
367181	11:11	Shipment order	Received from 11:21	
368595	11:5	F A Allen	Edw's report on airplane radio compass sit and de- cision to be reached, at conference, on 11:16	
368531	11:11	Marion	Edw's report of aircraft radio a. status. W	

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
368286	11:8	Marconi Co	Copy of letter to Nathan F Greene sub ject of last Ind motor cycle directly con'ld to Crocker, Wheeler generator for use in flying boats.
368286	11/12	To Operations.	Re ty. allow. list for maintenance of aircraft shore station. Rockaway Reg material be fwd under special allowment. 1:7
367180	11/11	To S&A	Re ts. shipt. of radio transmitters from Brook. to Buffalo.
367183	11/11	To S&A	Re ts. shipt. of receivers from Wash. to for Buffalo RB 3:28
367184	11/11	To S&A	Re ts. shipt. of rad. transmitters from Brook. to Buffalo for ship. set To S&A req. shipment from Brook to Phila radio telg material 2-4 To Insp'r Brook- Rqst modify shipt rqst to read 75 instead of 61 transmitters- 2/18
368601	11:13	Harvard Alex	Order for 1000 lbs. Platinum W. S.
367932	11-15	To Wash	To Marconi Co. comments on wire 11-16 Lead-out insulators for use in connection with experiments on dirigible, w

AIR MAIL: RADIO

Number.	Date.	From or To--	Subject.
36704	10:29	Aircraft Factory	Motors and supply lugs on transmitters and change in length of lugs. DA
365664	10:29	Aircraft Factory	Sub status of instal work of radio apparatus on bolts listed.
✓ 365980	10:24	Crocker Wheeler Co	Report of mfg on shipment of motors. W Insp Crocker Wheeler- Reduction on schedule. 2:11 Crocker Wheeler Co- 2:25
347337	11-2	SEE CARD #78	To CO's Air Stas. Authorizes amendment of tool allowance W
365610	11-7	To Dept	Re transfer of radio from Hampton Rds to Anacostia, DC W
365615	11-7	To S&A	Reqst shift radio apparatus Hampton Rds to Bureau of Stands, W 11-15

AIRPLANES; RADIO

Number.	Date.	From or To—	Subject.	
366524	11:5	Aircraft Factory	Conf tel cony recd release of battery from Gloucester for use H-16 flying boats for New London.	
366616	1:18	To Naval Air Station	Enclosures not received, regarding special allotment. Received back 1:23	
366625	11:1	Rockaway	Sub report on radio apparatus installed on dirigible 4118	
✓ 366653	11:5	Cutting & Washington	Matter in con with radio transm still remaining unsettled, lists and req bureau action.	
366927	11:2	Hampton Roads	Fwd blue prints covering capacity and reports on progress on radio compass boilers	
366928	11-15	Hampton Roads	Cross to 918 To Hampton Rds re compass coils, 11-23	
366525	11-8	To Norfolk	test of West Elec phone set between planes W Install photographs on types H-16 and F-5L Flying Boats Fwd illustrations W	
365013	11/5	To SE	Dist shipment from Boston to Phila Radio	733-9
366355	11/5	Phila	To Phila re conven H-16 coils on 1-23 for 5 2000 sets for building be assembled	733-9

4-3381

AIRCRAFTS: RADIO

Number.	Date.	From or To—	Subject.
✓ 365474	11:2	Insp'r Brooklyn	Rec'd letter from C B Fuller Naval Aircraft Factory req pamphlet for flying boat. W
✓ 365472	11:2	C&R	Copy of letter to Toronto stating additional connection wire on E-5 boat to be discussed with. To—Encl. 6 copies of blueprints 11/12
✓ 365728	None	Phila	14 men at Naval Aircraft Factory for instal of wireless apparatus for airplane, comment on closer cooperation between men and officers.
365786	10:28	Ensign Esterly	Instal of radio apparatus on dirigible 4118 submits report of.

Number.	Date.	From or To—	Subject.
574 80	10-19	To NY	In Bu let of 10-11th-10-14 is a copy of let to NY, re: status of material--2;20 lists items not rec. 2;20
333375	10-31	To C.R.	Re: let to C.R. f. 10-31-10-31 note to C.R. f. 10-31-10-31
364496	10;28	Rockaway	Req information re: use of bridge wire as counterpoise for Limon generator trans.
364542	10:26 10:30 10:30	New London Lxp Sta Lxp Station C.R.	Should be equipped with standard radio set in order to carry out work.
364 50	10:30	Inspr Brooklyn	Report has not been made on test of gasoline engine generator set. W
364223	11-2nd	To GE	Reqs remedy to report that about 35% of CG916 are being passed due to ring holding the plates in place becoming softened by heat durin g insptn W
363968	11;25	Hampton Roads	Jul further report. W
363964	11-10	To H.Rds.	H.Rds. blue print copies as rec'd.

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
364675	10;31	Aircraft Factory	And com. of British General, instruc cov mfg of counterpoint system of flying boats.	
364758	10;31	Crocker Wheeler Co	Report on mfg and shipment of airplanes generators. W	
364963	10;31	C&R	Copy of letter to stations stating instal of radio material on H-S boat will be made. Plant of Curtiss Co until personnel can be trained. W	
364136	11-2	To Rockaway Beach	RE casement of antenna and counter base constants on Airplane A-1118.	W
364725	11-2	To Hamp Rds	Authority wanted to purchase in open market 25 1 volt 40 ampere hour storage batteries	W
364236	11-2	To H See Qaid 101	acts that sample 1/2 of aircraft radio transmitter 1/2 of 27.5 tested - 7.3 hampton Roads - 11;13	W
To Hampton Roads	11-2	re test of transmitter	hampton Roads - 11;13	775
6853	11-2	To SCA	11-23	

AIRPLANE: RADIO

Number.	Date.	From or To—	Subject.
364219	10:29	Crocker Wheeler Co	Final report on 1/2 kw airplane generators. W
364218	10:30	Crocker Wheeler Co	Final report of 1/2 kw airplane generators. W
364018	10:28	Insp'r Curtiss	Conf tel conv rel to status of radio installed on H-2 plane W
364151	10:30	Insp'r Brooklyn	Conf tel cover relative to signing of invoice of E J Simon Co. W
363702	11:1	Insp'r Akron	Req conf of instruc to instal of radio apparatus on dirigible 4019 W
313197	11:25	To Rockaway - asks plan of installation of radio transmitter in pilot's cockpit	To Easting and W Johnston asks that cooling apparatus be selected from 10-23
To Card 124		Pensacola-Weekly report 1:11 Key West-Weekly report - 1:13 San Diego-Weekly report 1:13 Rockaway-Final weekly rep. 1:25 San Diego-Submits report 1:27 To Chatham- sub permits installation of radio compass - 2/18 4th district 3/1	To Pensacola - repts that Bu let of 9-30th RE weekly report of radio app for aircraft be submitted 11-1 To Miami ditto 11-1 To Rockaway ditto 11-1 To Camp Rds ditto 11-1 Miami - sub report 11:2 To Rockaway re apparatus install 11-16 11:30
			no source 2/17 monthly report -

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.	
361165	10-28	To Crocker-Wheeler Co	1/2 AER airplane generators should be known as type CB935 instead of 935	W
361169	10-28	To Crocker - Wheeler Co	Ask statement of shipmts of AER airplane generators since 10-15th	W
361921	10-29	To Dept (Avi) via C&R	RE equipping HS seaplanes with radio equipment	W
361961	10-26	To Insp'r Curtiss (T)	Desires immediate installn of radio app in all flying boats manfd at Canadian airplane factory	W
361955	10-28	To (Insp'r Brook) S&A	Reqs shipmt from Brook to Phila 50 insulators 1000 lbs. 11:21	W
362775	10-28	To S&A	Reqs shipmt from Gloucester to Suffield 12 antennas reels To Gloucester reqst tracing of ship 11-16 1000 lbs. 11:20 1000 lbs. 11:20	W
362980	10-30	To Dept (Avi)	Fwd report on operation of radio app on twin-engine dirigible from Akron to Rockaway	W
363734	10-28	Insp'r Curtiss	Confirms telephone conversation in connection with number of spare pliatrons to be included with 3-5 shipmts also spare storage batteries etc W	W

AIRCRAFTS: RADIO

Number.	Date.	From or To--	Subject.	
✓ 363353	10:28	Crocker Wheeler Co	Sub report of mfg and ship of seaplane generators. W	
✓ 362443	10:26	Sims Copy 804	Req immediate shipment of wire with copper braid for radio tel sets. W	
✓ 367702	SEE CARD & 76		To Crocker-Wheeler Co Drawings re let of 10-28th delivered to Mr Bunker-iron straps for mountings obtained from International Radio telegraph Co Brook W	
361167	10-30	To C&R	Trailing wire antenna not satisfactory for 3 reasons given- W ~~Req~~ To C&R Req radio antenna be located inside envelope on all class "D" dirigibles- 2/8	
361170	10-28	To S&A	Reqs shipment from GE to Ch Elec Runyon for personal trans to Akron- 2 vacuum transmitting tubes W	
7 361966	10-28	To S&A	Reqs shipment from Brook to Curtiss- 50 lead-in insulators W To S&A at 3:30 radio mat'l Insp'r Brook	
362774	10-28	To S&A	Reqs shipment from Wash to Suffield Ohio Radio material as listed W	
362777	10-28	To S&A	Reqs shipment from Boston Suffield Ohio 2 vacuum transmitting tubes W Received back 1:30	

AIRCRAFT: RADIO

Number.	Date.	From or To -	Subject.	
362588	10:25	Insp'r Keyport	Report on gas nac for radio instal on H-154 flying boats. W	
✓ 362623	11-18	To San Diego	re Stand tool allow list, Fwds info W	
✓ 362559	10:25	Crocker Wheeler Co	Fwds report 1/2 kw airplane generator. W	
✓ 362933	10:25	Marconi Co	Will ship two broken pliatrons for test on boat set on GE Co. to be sent from East Marconi Wireless Co. Radio terminal for 10-00	
✓ 362938	10:26	Crocker Wheeler Co	Report on production and shipment of seaplanes generators. W	
362652	10:25	Rockaway	Impossible to make new test on dirigibles 4118	

AIRPLANE RADIO

Number.	Date.	From or To--	Subject.
✓ 362985	10/25	Century Tel Cons Co	Cutting & Washington Co req quotations covering flame proof airplane key.
360421	10/23	To Montauk	Gives shipt. dates of wire.
360423	10/23	To H.Rds.	Re tests of apparatus for Flying Boats. Hamilton Roads--A report on test of GE tr. 10/23 10:28 To--- H.Rds. & Blue Prints 11/12
✓ 360654	10/23	To Inter. R. Tel. Co.	Recom. modifications listed.
361199	10/25	To S&A	Reqs. shipt. of radio transmitters from Schenectady to & for C.Elec. Runyon. Hamilton Road 12:0
✓ 361949	10/26	To GE Co.	Asks date on which sample transmitter can be submitted for test 10/26 To---
361960	10/26	To Chatham	GE-Asks if shall make further devel of set. 2;11 States one of rad.comp.rec'rs is to be used for shore sta. reception of airc.signals.
354689	SEE CARD 75		To Inspr Bost- Steps being taken to improve defects in aircraft antenna coils Inspr Curline 11:19 To S&A req cancellation of SO 1-15 3-25 RB 3:27 Shipment order of 3:25 RB 4:14 canceled. Inspr Brooklyn- 4:18 To Inspr Brook- letter of 4-18 So cane by So 3-25- 4-23

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
360644	10-23	To S&A	Reqs shipment from Washington to Phila material for installn in aircraft	W
			To S&A req ship from Washn to Keyport radio material 2-4	
357401	10-23	To S&A	To S&A amend of 80 of 2/4 8/20 Reqs shipment from Brook to Gloucester 60 lead out insulators To S&A Reqs. ship of insulators from Brook. to & for Gloucester 10/25	W
360651	10-23	To S&A	S&A- shipment order of 10:23 and 25th canceled. W 3:21 Reqs shipment from Washington to Curtiss material for installn in aircraft	W
361171	10-24	To Hamp Bds	Aviation radio compass-asks info re suitability of features - British spark transmitters	W
361172	10-24	To 4th Dist	Asks of experiments concerning difference between spark and arc transmission To 4th Dist. Request reports on operation of radiocompass using spark and arc transmission	W
✓ 362253	10:24	Aircraft Factory	Asks tabulated weights of radio apparatus for A-16 and F-5 boats.	
357245	10/21	To Phila	Reqs sample for Radio Matter 10/21 Aircraft Factory 10/23	7:46

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.	
357702	10-25	To Crocker-Wheeler Co	Gives modifications to be adopted in aircraft radio generators-- type CR 935 Crocker-Wheeler Rpts dws 10-25 W	W
360061	10-25	To Marconi Wireless Co	Approves No 1 hark line for use with flying boat transmitters	W
360657	10-23	To Sims (T)	Reply reqtd immediately whether recd no more aircraft spark sets be purchased or whether sufficient to be purchased to equip planes until continuous wave apparatus available Awards awaiting reply To Sims. (T) Asks recom. on purchase on airc. spark sets 10/23	W
361948	10-25	To Hamp Rds.	Fwds copy of Div W Bu SE memo 10-24th to DA	W
361953	10-25	To Sims-	Repts that officers sent to Europe especially trained for radio duty remain on their assignments	W
✓ 362550	10:25	Aircraft Factory	Storehouse at Gloucester. reports on conference and sig infor as to amount of test repairs and storing of radio apparatus to be done at storehouse.	

AI PLANS : RADIO

Number.	Date.	From or To—	Subject.
561373	10/22	C&R	Twin engine ships excess of weight of w/c class outfit over estimated - might submits To C&R - In re above 10-28
361323	10/22	Crocker Wheeler Co.	Report of manufacture and shipment of airplane generators W
362122	10-24	Communications	No radio signals intercepted from the dir igible which passed thru Wash for Rockaway Beach on Oct 22nd and Director H v Com. 10-31
362126	10-24	Crocker-Wheeler	Fws report on 1/42 KW airplane generators W
362176	10-	Aircraft Factory	H-16 and F-5 Flying boats- counterpois system Fws report on experiments together with prints W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 361704	10:23	Aircraft Factory	Radio apparatus for H-15 and Z-5 boats. also furnished weights and copy of instruction book cut. W
✓ 361825	10:24	Curtiss & Hamilton	Give name and address of mfg of lead in insulator. To— Gives list of firms manfg. insulators 10/26
✓ 361871	10:23	Aircraft Factory	Desirable to ship with each bolt leaving factory copy of radio instruction book. req. to be sent. W To Phila- Copy of above book supplied with each transmitter SE1100 as shipped to 10-28
361924	10:19 10:24	Dept C&A	Req Bureau install radio sets on all H-8 seaplanes.
✓ 362049	10:23	Crocker-Wheeler Co	Sub list report of mfg and shipment of generators. W

AIRPLANES: RADIO

Number	Date	From or To	Subject
~~360003~~	10/21	Crocker Wheeler Co.	Submits report of manufacture and shipments of airplane generators
360651	11;23;18	TO S&A	RB 3;28;19
356789	10;11	Aircraft Factory	Ground wire and material parts for seaplane, no instructions received. W
356850	10;7	Chatham	Seaplane radio transmitter, sub report of improvement.
356833 ✓	10;7	Marconi Co	Radio transmitter, advises to add small condenser connected across radio frequency showing coils.
~~356824~~	10;8	Crocker Wheeler Co <u>WRONG ENTRY</u>	Edws photo showing construc of high voltage lab at Palo Alto Factory.

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AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
356826	10-8	Crocker Wheeler Co	Reports of mfg and shipment of airplanes generators. W
357702	11-18	To Crocker-Wheeler Co	Ornamental iron mounting strap no more obtainable. W
325121		FROM CARD 60	Montauk Oct. 17 Submits weekly report Montauk submits report 11-13 To Montauk, re aircraft radio apparatus 11-18
357669	10-21	Fwd S&A	Re shipt radio apparatus to Curtiss, W
331124	10/22	Anthony Buffalo	Telegram requesting routing of reels and generator wing mountains so shipment may be traced W
361094	10/22	C&R	Copy of letter to Aircraft Factory stating one radio mast will be shipped with every float in which radio apparatus is installed
361165	10-30	Crocker Wheeler Co	Old Number

AIRMAILS: RADIO

Number.	Date.	From or To—	Subject.	
359380	10-19	To Dept (Avi)	Gives status of radio aircraft development W	
359703	10-19	To Inspr Brook	Conf. None-Tests that no further type JB 1100 aircraft radio transmitters be supplied from Marconi Co to points other than Aircraft factories W	
359795	10/16	Cutting & Washington To	Reports on improvement facilities for producing airplane radio apparatus Cutting & Washington— Lists modifications in type CP 1110 transmitter 10-24 to ~~transmitters~~ ~~correcting~~ to move unit 10-23	
359548	10/14	Insp. Curtis	Reports that 37 Cutting & Washington sets were sent to Supt. Construction instead of Insp. Confirms telephone conversation in connection with various radio equipment	
359759	10/18	Fourth Dist.	Fwds various radiograms report airplane radio messages interpreted by Cape May radio Station 4th Dist. Oct. 18 Fwds additional radiograms W	
356443	10/19	L.W. Austin	Re commands reimbursement of Chief Elec. G. H. Nicholson for use of automobile	916

Number	Date	From or To	Subject	
359703	10/16	Insp. Brooklyn	Requests confirmation of telephone conversation stating that no S.E. 100 sets will be shipped out from Marconi Co. to other than aircraft factories	L
357303			Copy of indorsements to Dept. giving action	W
360061	10/15	Marconi Co.	Fwds sample of #1 Bank line to be used as length between railing drum and antennae wire	W
360301	10/17	Akron Non-Aviation Dept.	Request radio set of dirigible type be furnished for inspection purposes. To Akron. Re ship of keys 11-8 To Sta Rgt ship radio mat'l Wash to Akron 11-12 Akron Adv. to Non-Aviation Dept. 11-8 Shipmt order 12-5 To Akron 11-8 To Akron 11-8	
360399	10/19	Crocker Wheeler Co.	Submits report of manufacture of shipment of airplane generators	
360610	10/19	Sadenwater	Reports on shortage radio apparatus on flying boats	
360421		See CARD 84		

AIRPLAINE: RADIO

Number.	Date.	From or To -	Subject.	
✓ 358747	10/9	Warehouse Improvement Co.	S&A Oct. 15. Submits information in connection with facilities of firm for manufacturing radio apparatus and reasons why Navy should place orders with them.	W
357212	10-17	To S&A	Reqt. shipment from East to Curtiss 40 type vacuum transmitting tubes	W
✓ 357579	10-17	To Western Elec Co	Does not desire further changes in C.W. 1078 airplane radio sets than those now under construction for the Signal Corps	W
✓ 358797	10-17	To Nav via Dept. (Avi)	Gives radio examination for pilots before obtaining Commission	W
357870	1:24	NY	Req be authorized to undertake radio rooms on destroyers. 1:24	
359909	10/14	Insp. Curtis	Confirms telephone conversation in connection with radio apparatus and installation of	W
✓ 359255	10-18	To (T) Sims-	Det in R. to present plan to equip all HS planes - W-	
360600	10/18	Insp. Curtiss	Confirms phone convrs re to status of radio apparatus for airplane submitted	736
359655	10/19	Wm. R. L.	Rest that what else to be done in line with radio apparatus	908

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AIRCRAFT: RADIO

Number.	Date.	From or To—	Subject.	
359235	10/16	Copy (Sims)	Copy H-S-12 Plans request use continuous wave radio - recommends no contracts be place for sparking apparatus Sims-Copy 8157 Req that radio apparatus be expedited, can obtain for France in a out 2 no. 10;27 to port - via - sea cable be sent Sims re spark sets - 10-31	
359221	10/16	Lay Shore	Weekly report of installation of aircraft radio apparatus W	
359530	10/14	Hampton Roads	Aircraft Radio sets - rwd's installation prints	
357211	10-17	To SEA	Re ts shipment from Bost to Phila 160 vacuum transmitting sets To SEA Amends above 1-27	W
357213	10-17	To SEA of above tubes 1-13 To SEA Amends above 1-27	Re ts shipment from Bost to Garden City 40 vacuum transmitting sets To Inspc Curtiss Garden City - Asks disposition Shipment Order - 2:8 BB 2:11	W
357210	10-17	To SEA	Re ts shipment from Brook to Aeron 10 type Flying boat radio transmitters	W
359163	10-18	To SEA	Re ts shipment from Bost to Curtiss 35 radio transmitters	W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
357204	11-7	To S&A	Reqst shipt radio apparatus Insp'r Curtiss to Insp'r Buff W 11:15 11:21
357337	11:4	San Diego <u>San Original 78</u>	Req radio material listed by Owl. To Chatham. FWS. copy of r 1. (6) let of 10/5. 11:15 To San Diego, authorized tool allow 11-13 To Brunswick GA, Authorized tool allow 11-13 To San Diego, re aircraft radio mat'l 11-18 To Chatham— Fwsd copy of Bu let of -9-17th 12-28
357206	11:28	Shipment order	Received back.
357203	1-27	To S&A	Reqs shipt order of 10-14th from Best to Curtiss vacuum tubes - amended W
357212	1-27	To S&A	Reqs shipt order from Best to Curtiss of 10-17th for vacuum tubes be cancelled Shipment order back 2:5 W

AIRPLANES RADIO

Number.	Date.	From or To--	Subject.	
356708	10-14	To S&A	Repts shipmt from GE to MIT for aviation detachment-2 radio transmitters	W
356833	10-15	To Marconi Wireless Co.	RE addition small fixed condenser to flying boat radio transmitters-will carry same type No-type SE 1100	W
357009	10-14	To S&A	Repts shipmt from Wash to Akron for Goodyear flying field-1 chattering panel	W
357203	10-14	To S&A	Repts shipmt from Bost to Curtiss 60 vacuum transmitting tubes	W
357400	10-14	To S&A	Repts shipmt from NY to Akron-radio material NY-infor-re shipmt of material. 7:24	W
357412	10-15	To Dept Aviation	RE weights of radio telegraph for aircraft	W
358237	10/12	Crocker Wheeler Co.	Submits report of shipment generators for air plane sets	W

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AIRPLANES RADIO

Number.	Date.	From or To--	Subject.	
347337	SEE CARD	70	To Montauk- Complete tool allowance being shipped	W
357205	10-16	To SEA	Repts shipmt from East to Akron 4 O Vacuum Vacuum transmitting tubes	W
357207	10-16	To SEA	Repts shipmt from Brook to Curtiss 25 Flying boat radio transmitters	W
357208	10-16	To SEA	Repts shipmt from Brook to Phila 5 O Flying boat radio transmitters	W
357202	10-14	To SEA	Repts shipmt from East to Phila 40 vacuum transmitting tubes	W
357702	10-15	To Crocker - Wheeler Co.	Repts modifications listed be given consideration re aircraft radio generators	W
357355	10/14	Copley Mfg. Co.		
358576	10/14	Crocker Wheeler Co.	Report on shipment of manufacture of air plane generators	W

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
356710	10-10	To J&R	Specifications for install of radio W
356789	10-11	Fwd CAR	re ground wires and metal parts in seaplanes W
356850	To JO	Chatham 10-11	Best report on improvement in radio transmitting set W Chatham Oct. 20 Weekly report To Chatham- 8 transmitters already at the Sta ation- No other sets will be shipped 10-29 Fwd. Chatham 11/11
357307	10-11	To Cutting & Washington	Authorizing to be present at test to be conducted at at Radio Laboratory, W 10:30
354026	SEE CARD	73	Phone sets for Training Planes will be assigned to Insp'r Burgess within the next three weeks To Hamp Rds- Fwd report of test of various types of seaplane phone sets-attention invited to merits of the Port-O-Phone seaplane set 10-14 to Insp'r Best- in re above distribution of 10-30 Chatham 11-9
358571	10/10	Crocker Wheeler Co.	Request instructions in connection with casting and straps will included new type of mending to be used on air in new type No which will be assigned plans generators to this generator 10-16 To----- New form mounting including base W
342681	SEE CARD	68	To Marconi Co- Asks that broken pilotrons be reshipped to GE- Asks additional No required To S&A- Asks status of shipmts reqts of radio apparatus as listed 10-14 To S & A Oct. 11 Requester back 18 10-15

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AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 558579	10/10	Western Electric Co.	Request information in detail as to just what changes are recommended for airplane radio telephone sets West. Elec. Co-Contract 23259, changes to To--comments re changes. 12-11
✓ 558834	10/10	Crocker Wheeler Co.	Report of production and shipments of airplane generators
✓ 558905	10/10	International R.T.Co.	Calls attention to surplus material on hand submitting quotation covering
✓ 558965	10/11	Crocker Wheeler Co.	Submits schedule of deliveries of generators which company will draw to make to endeavor to expedite delivery
✓ 558000	10/11	Crocker Wheeler Co.	Report of shipment of airplane generators
558436	11/1	Airco Inc.	in the list of airplane generators at Airco factory in the list of airplane generators at Airco factory

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
347998	10:3	Wireless Specialty Co.	Req immediate action.
356380	10:7	West Elec Co	Fwd's modified type of airplanes microphone standardize by Sig Corps, asks of any interest to them W
356359	10:7	C&R	Copy of letter to Insp'r Garden City in con nection with radio grounding of H-16 wing surface. W
356398	10/8	To WE Martin (T)	Wash. F. L. Co. of remaining drawings p. 17.
356305	10/8	To Amer. Ind. & Gen. Lab.	States that on 10/7 of main inc. n. reel has been 10/8/18.
356473	10-9	To Norf	Reqst design of radio helmet designed by Radio Laboratory W Hampton Roads Oct. 20 Request blue prints to be forwarded To Hampton Rds comments on above equip 11-8

[illegible]

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
✓ 355938	10:4	<u>Crocker Wheeler Co</u>	Sub report of status of mfg and ship of airplanes generators sets. W
355698	10:1	<u>Internation R T Co</u>	Firms listed have been req to give prices on cylicon bronze wire. W
✓ 356101	10:5	<u>Crocker Wheeler Co</u>	Sub report on production and shipment of airplanes generators.
✓ 355846	10:6	<u>Sims</u> <u>Co., y 6247</u>	Sis Corps searchlight, req two high power radio transm sets, sug army send messenger with W to instructions req. calls be sent to Sims in re delivery of type 33 11-0 transmitters to Capt. Clatt to Paris.
✓ 356205	10:5	<u>Lt R A Lovender</u>	Submits report of visit to radio organiza- tion in Europe. W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 355938	10:4	Crocker Wheeler Co	Sub report of status of mfg and ship of airplanes generators sets. W
355698	10:1	Internation R T Co	Firms listed have been req to give prices on cylicon bronze wire. W
✓ 356101	10:5	Crocker Wheeler Co	Sub report on production and shipment of airplanes generators.
✓ 355846	10:6	Sims Copy 6247	Sig Corps searchlight, req two high power radio transm sets, sig army send messenger with W to Stations req. cable to sent to Sims in re delivery of type 22 12-4 transmitters to Capt. Platt to Paris.
✓ 356205	10:5	Lt R A Lovender	Submits report of visit to radio organiza- tion in Europe. W

ALBUQUERQUE: RADIO

Number.	Date.	From or To—	Subject.
353430	10-1	To S&A	Rest shipment radio apparatus Wash to Phila W
353431	~~10~~ 9-30	To S&A	Rest shipment radio apparatus Inspr Brook to Curtiss. W Insp. Curtis Oct. 17 Request do not con- sider material to Dept. of Construction To Insp. Buffalo- 1122 radio material to be shipped Curtiss- 11-1
353433	10-2	To S&A	Rest shipment radio apparatus Wash to Curtiss W Insp. Curtis Oct. 17
✓ 354904	10:1	<u>Crocker</u> Wheeler	Gives list of motor generators for airplane in excess of order received. W
354994	10:1	Hampton Roads	Sug mod to antenna insulator. fls for flying boat. W
353432	10/1	To S&A	Repts. shift. of radio apparatus from Schenck- bury to S for Curtiss. Insp. Curtis Oct. 17
354471	10/3	To C&R	Ends. plan of Airc. Transmitt Equip. W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
354470	10/3 To Inspr prints To Inspr	To Curtiss College Pt 10-23 Fwds Elizabeth NJ ditto 10-25	Fws. blueprints for Aircraft. Rad. Trans. mitting Equip. To Inspr Laugheed Air Corp - Fwds prints 10-25 To Inspr E. Greenwich- Fwds Prints 10-25 Rest list of officers and men attached to Radio Laboratory W
355215	10-3 To Boeing	To Korf Airplane Co ditto 10-10th	To Chatham, Fws. encl. Standard Install. Plans for Airc. Rad. Trans. Equip. 10/5 To Cutting & Wash. Fwds prints of dwgs listed 10-9 To Ord. Fwds prints of transmitting Equip. 10-8 To Firms. (6 letters) Fwds drawings. 10/10 Hampton Roads-Submits list of officers and listed personnel. 10/7 To Laugheed Aircraft Corp. Fwds drawings 10-10th To Standard Aircraft Corp ditto 10-10th To Ord ditto 10-8 Sub list of airplane generators shipped 1st. W
355591	10:3	Crocker Wheeler Co	Sub report on status of ship and mfg of airplanes generators.
355625	10:1	Hampton Roads	Preliminary report on radio direction finder for airplane, sub with prints. W
351758	10/4	To Western E. Co.	Ask who representatives will be & exact date of arrival.

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
353795	None	Gloucester N J	Sub status of radio division at storehouse, lists material needed. W Gloucester Oct. 15 To Gloucester. Asks copy of SO let of 9-28th 10-25 Gloucester lists equip urgently needed. 10-28 To Gloucester re power supply for radio for aircraft section of storehouse 11-18
354002	9-28	Crocker Wheeler Co	Sub report of status mfg airplane meters. W
354026	SEE CARD 77		
353440	10-1	To Chatham	Fwds bprints of Aircraft Radio Transmitting Equipment W
354112	10-2	To Inspr Bost-	Asks that report be obtained on new type of radio transmitted developed by AM Radio and Research Corp Inspr Mass Oct 28, W
354795	10-1	Hampton Roads	Standard instal plan of aircraft radio set, fws print. W
354113	10-1	To Insp	

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
318197	9:30	Chatham SEE CARD 71 & Dwp 71	Fwds weekly report S&D-Sub report. 9:28 Miami Oct. 5 Fwds report Fwd Dept via Director Nav Comm 10-14 ^W Fwd Dept Aviation 10-15 Key West Oct. 6 No report To Miami-William eters are not supplied with radio phone transmitters 10-15 H. Oct. 10 Submits weekly report Miami Oct. 11 Submits report Pensacola 10-10 Submits apparatus received Quinn: last week. Pens-Weekly report 10:19 Bay Shore 10-13 Sub status of mfg and shipment of airplanes generators. W 10-10-13 report on discrepancy. 10/4
354523	9:30	Crocker Wheeler Co	
354525	10:1	Crocker Wheeler Co	Sub report of mfg and shipment of airplane generators. W
354590	9:29	Hampton Roads	Fwds report of test of antenna spring- sub International Radio Tel Co for use on airplanes. W Aircraft factory 10/10

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
352970	9:24	Chatham	Sub information requalification of radio observer. Fwd Dept, 10-9
351384	Oct. 16	To SAA	Copy of indorsement to department relative to installation of radio equipment at aircraft factories C&R-10:36 Fwd Dept, via C&R 11-18
351385	10-12	To SAA	New London Station- 1:23 Fwd SAA 2/12
352635	10-12	To SAA	Gloucester-Req reply to various letters 3:11
352629	10-28	To SAA	Fwd SAA 10-28
353560	9:27	Cutter & Washington	To Curtis. Re shipment radio 9-30 To SAA- Request tracing of shipments- 10-18 Received Curtis Oct. 17 Fwds specifications for 1/2 kw airplane battery- radio set. W
352637	9-28	To Norfolk	Fwds plan of install of aircraft transmitter 9-28W

918 AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
353190	9-30	To S&A	Best shipment radio apparatus Insp'r Boston to Curtis Insp'r. Mass. Oct. 18 Gives serial number of W transmitter
353192	9-30	To S&A	Best shipment radio apparatus Insp'r Boston to ~~Curtis W~~ Above cancelled 10-21 ~~Greenwich RI~~
353193	9-30	To S&A Shipment Order back 11:19	Best shipment radio apparatus Insp'r Boston Elizabeth NJ. W Reqs amendment from 28 to ten transmitters 10-21 To Insp'r Best s. 1st radio apparatus Insp'r Stand to Insp'r Buff. 11-3
353194	9-30	To S&A Best shipment radio apparatus Insp'r College Ct to Insp'r Buff 11-7 Received back 11:22	Best shipment radio apparatus Insp'r Boston to College Ct NY W Reqs amendment to read 9 instead of 24 10-19 Ship order 9:23 received back 10:24
353423	9-30	To S&A	Best shipment radio apparatus Insp'r Boston to Hampton Roads W
353426	9-30	To S&A	Best shipment radio apparatus Brook to Phila W Received back 10:22
353427	9-30	To S&A	Best shipment radio apparatus Insp'r GE to Phila W
353715	9-27	Hampton Roads	Sub report of test of West Elec Tel sets on MS-2 seaplane 1908 W
353724	9-27	Hampton Roads	Sub report of defective workmanship on Cutting & Washington transmitters. Insp'r. Mass. Oct. 8 Insp'r Miss. let stat material C. above be shipped to Insp'r Mass. let stat material Cutting & Washington 10/11 will take steps to prevent defective workmanship in future

1922

Number.	Date.	From or To--	Subject.
620312	4/21 4/24	Desiauries Co. Insr Brook. c	Will ship one fan now ready to Anacostia later.
620024	4/24	To S&A 128	Regst shipment of Fans from Phila to SO Anacostia W RB 8/1/22. W S&A- Self regulating fans not yet recd. 7/5 To Mgr Phila via Comdt- Gives instrns 7/21 Aircraft *acty 7/26 W
620032	4/26	To Anacostia	Aviation- Loan of CG 110RA Aircraft Radio transmitters to Marine Corps Marine Corps will furnish necessary transportation W To CO Anacostia- Gives instrns 5/30/23 Anacostia Reports non receipt of aircraft transmitters loaned Marine Corps quantified W
365312	FROM TLRB	211	CO LANGLEY report on test to determine efficiency of radio emergency equip for land planes- 4/17 CO LANGLEY Report statst results. 4/28 W. Anacostia- Equip for land planes- fws photos and recommendations. 5/3 W. To CO- rel equipment for land planes. cc Atlantic Fleet 7/24 CO Anacostia 5/9 To Bur Aero. 7/28 RB 9/17/23. W

AIRPLACES

RADIO

1922

Number.	Date.	From or To—	Subject.
620670	4/25	Aviation	Sends copy of letter to Curtis Export Suggests rel. to radio equip for F-5 airplanes for Govt. of Brazil. 7.
620692	4/26	AVIATION	Copy of letter to Lister Buffalo listing material which will not be turn contractor for instn on model C-0-1 airplanes. 7.
620742	4/26	N.Y.	Curtiss Co. request <u>loan</u> of radio set for airplanes. 7. to be sent to have located transmitter. will to N.Y. (4) Ask to be advised of Curtis decision so Aircraft Fac can be instructed 4/28
620792	4/26	Aviation	7's description of Loth's method of guiding airplanes in fog by sound waves. 7 Anacostia- 5/4 W.

7922

Number.	Date.	From or To-	Subject.
619662	4/19	Anacostia	Awa copy of preliminary specifications cov wind driven generator for use in conn with C. W. transmitter to spotting planes. W.
619669	4/19 4/20	Aircraft Fcty Phila.	Request copy of preliminary layout of radio install on Phila. be Comat. Pwds prints 5/2 Phila- Aircraft Fcty asks when drawings will be furn. 5/2 W.
619664	4/21	Nam. Gas. (T)	No more batteries on hand. sets to 110v. 100 watt. aircraft radio sets to 110v. 100 watt. for 100 to 120v. that will run trans. start when mtl is ready. 4/20 W
619112	4/21	To Mgr Aircraft Fac Via Comat	Radio Telegraph-Aviation-Self-regulation 550 Watt Fans, shipment of w Aircraft Fcty- Instrns issued to inspect shipping containers. 5/4 W. To Mgr Aircraft Fac via Comat Phila Gives instrns 5/9 Phila 6/19 Report on faulty shipping of wind driven propeller W
620036	4/21	Dept	Copy of letter to Anacostia directing detail personnel for transfer of 1-3 seals from Aircraft Fcty.

Number.	Date.	From or To--	Subject.
619396	4/20	A. Crossley /	Lightening protecting device for kite balloons - gives report of at Ten. Ids- To Aeronautics- Gives report on test 4/23 Fwds Aeronautics 6/30 W
619456	4/19	Anacostia	Has preliminary specifications for type 3e-1386 generator for seaplane vacuum tube transmitter.
618486	4/19	To Aircraft Pac via Comit	Preparation for sale Aircraft Radio Set sale of W Phila 6/12 Fwds print with estimates W To Aeronautics- Requests inform re: transmitters 6/21
619450	4/19	N.Y.:	Copy of letter to Aviation stating Cmdr. McDowell will be yard representative rel to meeting for standardization of storage batteries for airplanes. W.

AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
612224		END FROM CARD 229	Fwds Anacostia 4/15 W BB 4/20 Y.
619025	4/14	Anacostia	Sinusoidally modulated CW transmitter for spotting planes- 200 watt fan nec to operate same. W
618317	4/18	To Mgr Aircraft Fac Phila	Aviation-550 Watt Self-regulating fans for aircraft transmitter- Gives info on rel shipment W To Phila via Comit- cancels previous instructions-- 25 Ins R nat Deslauriers Column Solid Co 4/20

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MD

1922

Number.	Date.	From or To—	Subject.
616244	4/11	Anacostia	Request emergency transmitting kites be turn. To 3rd Regt shipmt of Telegraph from Phila to Anacostia 80 4/15 W RB 6/24 W
618083	4/10	Anacostia	1345 S-E 1414 receiver rel to modification of W
618350	4/12	Aircraft Fcty	Ask if GE Co. is to supply shortages in transmitters recd. W.
TI CARD 243			To Mgr Aircraft Fac- Regt cc of Mgr Aircraft Fac let 2/9 be furnished Bureau 4/18
			Aircraft Fcty- Report on transmitters. 4/19 W.
			Aircraft Fcty- 4/28 W.
			Aircraft Fcty- Regt action 5/10 W.
			Aircraft Fcty- Request action. 5/18 W
617994	4/13	To Atl Fleet via C-I-C	Radio Telegraph-Aviation Emergency trans- mitting Equipment for F-5-L Disposition of- Gives Status of shipment cc CV W Atl Fleet- Report from Air Sqd. fwd. 6/2 W
617995	4/13	To Hamp Rds	Emergency Transmitting Equipment for Atl Fleet Disposition of- Regt Report cc

AIRPLANES RADIO

1922

Number.	Date.	From or To--	Subject.
✓ 616568	4/1	Aviation	Copy of letter to Hqs. Rds. directing cooperate with Submarine Division Zero for communications test. %
✓ 616570	3/27	Pensacola	Report on test of effect of remote station control on radio compass as in- stalled on A-5 seaplane. To Pensacola- Report not clear 4/15 W. Pensacola- Report not to include of remote control. 4/20 %
✓ 616620	3/30	Pensacola	Provides monthly flying reports. %
✓ 616689	4/5	To Phila Aircraft Rac- via Comat	Aviation-Air-driven propellers for emergency operation of SE 1310 transmitters W
✓ 617280	4/6	Dept	Copy of letter to Atl. Fleet directing transfer 20-A-5 airplane from Phila. to Hqs. Ws. %

APR 1933 1.010

1932

Number.	Date.	From or To—	Subject.
616342	3/20 3/31	M. J. Bennett Aviation	Request diagram of circuit for E 1114 airplane receiver.
615932	4/1	To Aeronautics	Aviation-Modification of wave change switch on type SE 1310 Transmitter W
616042	4/1	To CG Coco Solo	Aviation Aircraft Radio Transmitter Test Set- Request disposition made of test set W To C San Diego- Request disposition made of test set 4/1 To CG Coco Solo- 6/29 4/15 W. Coco Solo- 7/14 W
615048	3/31	To S&A 9978	Request shipment of fans from Phila to SO Anacostia W RB 5/19/22. W Anacostia- Report on condition of fans recd. 4/14 W.
615250	4/1	To Insp mat NY	2000 Watt Self-regulating fan- W Phila- request reply to letter of 4/11. 5/16
616251	4/3	To New York	Diagnosis of aircraft radio transmitter testing set Rockaway. W N.Y. 5/2 W. To Mgr Aircraft Fac via Comdt Gives instrs 5/5

239-

Number.	Date.	From or To--	Subject.	
616110	2/29	Stearry Co	Request inform rel to award on extent of speed fan for wind driven generators.	896
616250	4/11	To Insp r mat NY	Self-regulating Fans Delivery of Satisfy W Insp r Brook- fans will be shipt no later than 4/17. 4/14 To Phila via Comdt Reqt inform 5/9	
617575	4/11	To Aircraft Fac Phila via Comdt	Reast drawings of apparatus to fwded W Aircraft factory- lws plans. 4/17 Phila- Aircraft factory requests Bureau approval 5/3 W. To Phila via Comdt 5/3 W. assigned 5/3 7	
TO CARD 240				
618202	4/19	Aircraft	with action of type 25-1-25 aircraft red-e equipped to suit it time. The 1st 3 positions of 25-1-25 aircraft red-e and 25-1-25 aircraft red-e.	

Number.	Date.	From or To—	Subject.
616 898	4/5	To Aeronautics	SE 1390 Aircraft Transmitters- Gives inform rel sample set- W Phila- Fwds letter from Aircraft Fcty giving disposition of 80 air driven propellers. 4/17 W Aviation- Conn with radio instn on NC-9. 5/19 W To Aeronautics- instn on activity 5/23
616903	4/7	To Aircraft F&C via Comit	Obsolete radio apparatus on hand- Request report W Aircraft Fcty- 6/3 W. Phila- 6/5 W. Aircraft Fcty 6/14 W Phila- 6/16 W To Phila- Asks when tubes may be obtained 7/3 W
TO CARD	250		
617484	4/7	K. Banning	Request photo of radio apprs used on Navy airplanes for publications in "Popular Radio" W To Kendall Banning- impossible to send photographs W 4/15
617186	4/8	To Aeronautics	Conference on Aircraft Radio Transmitters recently developed- W- Fwds copy of Proceedings of the Conference W
617386	4/8	To S&A 21	Request shipment of equipment from Aircraft Factory to CO W RB 3/3 W To S&A Request shipment of Equipment from Aircraft F&C to Pacific Fleet 10 4/8 To S&A Request shipment of Equipment from Phila To SO PH 13 4/8 RB 7/25 W

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AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
621393	4/18 5/1	Aircraft Factory Aviation	Lists material required for radio instaln on DH-4-B airplanes. W. To Mer Aircraft Fac via Comdt rel shipment of Receivers co. Aeronautics- Pensacola W 5/6 Aviation 5/13 W.
621386	4/28	Aircraft Factory	Copy of letter to Anacostia submitting list of radio material not furnished on F-5 boat 3874. W.
621985	5/1	Aviation	Sends copy of "Aerial Navigation" by W. Loth. W.
621676	5/5	To S&A 213	Regst shipment of mat from Washn to Dahlgren W RB 5/22 W
14768-515	5/6	Engs-N.A.S. Anacostia	Radio Telegraph- Development of long range wave radio compass for aircraft design Problem No 198-A

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
620586	4/27	To S&A 155	Re get shipment of mat from Washn to CC Quantico W RB 5/10 W
621166	4/29	Aviation	Copy of letter to Pacif. Marine Airways rel to facilities for transmitting on flying boats. W.
621175	4/29	Aviation	Evds specifications for type NM -1 airplanes W.
621174	4/5 4/29	Pearl Harbor Aviation	Subm quarterly report on radio equipt. W.
620257	4/29	To Air Squad Atl Fleet C-1-C	via Radio compass installation on F-5 L Ignition control Best report upon completion of tests cc C-1-C Pacific- Air Squad Pacific- CC Hamp Rds- Anacostia -PH- Phila- CO Guam W Atl Fleet 5/7 Evds report from Air Squ

AIRPLANES RADIO

1922

Number.	Date.	From or To-	Subject.
621867	5/6	To S&A 217	Reqst shipment of Invoice Ard Key From Phila to SC Washn W RB 5/26/22.W.
606243		FROM S. P. DIX	To S&A Reqst shipment of condensers from Washn to Pacific Fleet 220 5/6 RB 1/15/23 W Fwds Aeronautics 5/3 W cc Navy Yd Wash RB 6/12 W Fwds Aeronautics 8/8 RB 7/27 with prints W Fwds Aeronautics 8/8 RB 8/12 W Washington, Subm estimates. 10/11 W Fwds Aero. 10/19 Aviation 11/8 Copy action to Washn W
621227	5/6	To S&A 230	Reqst shipment of Amplifiers from Washn to SC Phila W RB 4/6 W
622150	5/8	To S&A 230	Reqst shipment of Receivers from Washn to SC Phila W To S&A Reqst shipment of receivers from Washn to 4th Dist. 2099 2/3/23 To S&A Reqst shipment of receivers from Washn to Phila 2099 2/3/23

AIRPLANES RADIO

Number.	Date.	From or To.	Subject.
616251	see		To Lieut H O Quinn NY via Naviga- disposition of transmitter testing set 5/5 Cape May 5/15 W Aircraft Factory- 5/18 W. Inspr Phila- Transmitting set recd at aircraft factory from Rockaway. 5/19 W
614073	FROM CARD	230	Request action. 5/3 W. To Mr Aircraft Fac via Comdt V strut generator mountings for F-5 L's W 5/9 Phila- Request action. 5/11 W. Phila- Rwd's letter from Aircraft Factory rel to Duraluminum mountings. 5/17 W To Mr Aircraft Fac via Comdt Give's action taken cc Aeronautics 5/25 Aircraft Factory- Rwd's vandyke. 5/29 W

AIRPLANES RADIO

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Number.	Date.	From or To—	Subject.
617575	FROM CARD	234	Phila- Aircraft Factory request action. 5/11 W Washington 5/15 W
622474	5/11	To Atlantic Fleet 473	Excess Radio material appvd cc C-I-C Atlantic Fleet Aircraft Factory W To Atlantic Fleet Request report be submitted 5/16

Number.	Date.	From or To--	Subject.
622410	5/4	<u>Pacif. Marine Airways</u>	Request standard Navy batteries be furnished for instln of HS-2 flying boats. W.
✓ 622174	5/9	Atl. Air Sqd (T)	Request auth to turn in at Aircraft Factory radio apparatus and material not needed. W.
✓ 622497	4/7	Anacostia	Report on cause of burning out of filament of CG 1162 tubes. W.
✓ 622735	5/10	Aviation	Cannot definitely recommend type of radio set which would be desirable for airplanes for Brazilian Navy. W. Fwd'd Dir of Intelligence 5/13
✓ 622817	5/9	Anacostia	Report cov failure of skid fin antennas on F-5 air boats. W.

1922

Number.	Date.	From or To—	Subject.
616250			To ^{Major} Aircraft Fac Phila via Comdt Aviation-Self regulating fans gives -instrns W 5/19 Inspr GE- 5/22 W
623910	5/20	To Comdr Air Detachment	LANLEY. Aviation-Radio Helmet Type HS-1 modified to be given extensive trial by Lieut C D Palmer W
624306	5/20	To NY	Aviation - Magnavox instln on VE 9 planes cc Aeronautics- Aircraft Fac- Chance- Vought Co - Gives Action taken cc Chance Vought Co- Inspr Long Island 6/9 To ^{Major} Aircraft Fac via Comdt Phila- gives instrns rel instrns cc Chance-Vought Co- Inspr mat Long Island To ^{Major} Aircraft Fac Phila via Comdt- Reports forwarding of instructions be expedited cc NY- Long Island 6/24 N.Y.- Reports lone shift to Phila: Magnavox units will be installed by next yard 6/28 W Aircraft Facy-gives reasons for delay in sending blueprints 6/29 W

Number.	Date.	From or To--	Subject.	
623404	4/24 4/27	Marine Corps Santo Domingo Santo Domingo	Report on condition of radio apparatus.	W
623044	5/13	To S&A 276	Reest shipment of tubes from Washn to CO W To S&A Reest shipment of tubes from Washn to BN of Aeron. tubes 512 6/15 Quantico- 5/23 To Quantico- F 13 shipment order 7/1 W	
523923	5/15	CO LANGLEY	Request transmitters listed be furnished for experimental work W	
624168	5/9 5/12	Air Squadron Pacif. fleet	Request kites, special propellers, etc. for transmitters on F-5 planes be furn. To Air Squad. Pacific Fleet via C-130 give status of shipment 5/20	W

AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
624682	5/23	To S&A 348	Reqt shipment of Amplifiers from Washn to Pacific Fleet W RB 8/24/22.W S&A 1/18 Copy of letter to Aircraft Son Battle Fleet re shipment of amplifiers W
624683	5/23	To S&A 355	Reqt shipment of Amplifiers from Washn RB5/19/23 to Atlantic Air Detachment 355 5/23 RB 11/21 W To S&A Reqt shipment of Amplifiers from Washn to Atlantic Fleet 354 5/23
624684	5/23	To S&A 356	Reqt shipment of Amplifiers from Washn to SC Phila W RB 7/5/22.W.
624831	5/23	To S&A 327	Reqt shipment of Intercommunication sets from Phila to Long Island W RB 6/5. W.
625331	5/23	Anacostia	Report cov failure of generator for type SE 1390 radio transmitter furn by GE CO. W.
625383	5/25	DesLauries Co.	Copy of letter to Anacostia Labr advising of shipt of propeller for aircraft radio set. W.

Number.	Date.	From or To—	Subject.	
Bu Aeronautics Regn 302-22	5/20	To Aircraft Pac via Comdt	Mayday Intercommunicating sets for Vought Training Planes W R	
623231	5/19	Aircraft Factory	Request wind tunnel test be run on insulators for antenna for aircraft. W	875
605362	1/27	To Dept	Change in U.S. Navy Regulations M	742
624481	5/22	To Atlantic Fleet	Aircraft Radio Helmet Type HS-1 Modified Test of W	
625171	5/23	Anastasia	Subm Dr. J. M. Goldsmith's views on automatic recorders change. W. Feds O-I-C Bu of Standards 5/27 JRB 6/2	W
625174	5/23	Anastasia	Comments on experiments in radio broad-casting musical programs by radio.W.	

AIRPLANES: RADIO

1922

Number.	Date.	From or To—	Subject.
625412	5/27	To Pensacola (T)	Deliver to Maj R. J. Geiser helmets in good condition are for transfer to Quantico
628350 ✓ 0	FROM CARD 235		Aircraft Factory 5/26 W To Agr Aircraft Fac via Comdt rel leads to give info re Inspr GR 7/28 to CO Anacostia-- eqts comments 7/28 Anacostia- 7/31 recommendations. W.
626064	5/15 5/31	Atl. Air Sqd. Aviation	Calls attn to fire in radio cock pit caused by poor insulation of radio aerial-- suggest be improved. W. To Aircraft Fac via Phila-- Quotes letter recd from Atl Fleet 6/7 Aircraft Factory 6/14 W

Number.	Date.	From or To	Subject.
625485 TO CARD 254	5/26	Aviation	Request Glenn L. Martin Co. be advised when instruments and equipt for MO-1 planes will be available. w. Aviation- Request expedite delivery. 6/7 W To Air Aircraft Fac via Comdt Phila- Will furnish print cc Aeronautics Inspr Mat Cleveland 6/13 To SAA Request shipment of piece on boxes from Anacostia to Cleveland 503 5/14 RB 11/9 W Aircraft Fac 6/20 Ask type plan to be followed w To Aircraft Fac via Phila- rel tests of plane 6/29 Request shipment of Amplifier from Phila to S Phila W
624982	5/25	To SAA 371	
625628	5/9 5/27	Inf. Air Sqd. Aviation	Request undertake development of test set for use with GE 1345 spotting equipt. w. To Anacostia- Rel test of transmitter 6/13 To Pacific Fleet-
624691	5/27	To SAA 384	Request shipment of Amplifier from Washn to Phila W
625559	5/1	To CO Hamp Rds T	Notify Air Sta Anacostia whenever NC 9 is preparing to make flight on radio test. W

AIRPLANES RADIO

1922

Number.	Date.	From or To--	Subject.
626028	6/1	To S&A 411	Request shipment of batteries from Phila to Quantico W RE 7/17/22 W
626031	6/2	To Washn	Removal of radio apparatus from VE 7 G Airplane W
626033	6/20	To Quantico via Marine Corps	aircraft radio transmitters operation of W RE 7/18 W
626563	6/1	Pensacola	Letter request 124- request radio apparatus listed be furn. W. To S&A Request shipment of tubes from Washn to SO Pensacola 5/16 6/17
To 259			Pensacola- Request propellers be furn. 8/22 W To Aeronautics- Records be auth'd to manf. propellers 9/6 W cc Anacostia S&A Dept
5 626785	6:2	Aircraft Factory	Radio instln on IT seaplanes- fws prints w R to Phila via Aeronautics- Joint Phila- 5/3 5/16 5/21 5/21
626034	6/6	To Aeronautics	Wind resistance of self-regulating fans for Aircraft radio generator W Aviation 6/17 fws reports on self-regulating fans W

Number.	Date.	From or To	Subject
500864	FROM CARD 173		S&A-Copy action to Norf. 6/1/22 W.
501286	FROM CARD 173		Aircraft Factory 6/1 W. -Hila- One test set fwded to San Diego and Pearl Harbor. 6/5 W

1922

Number.	Date.	From or To	Subject.
627289	6/8	Gadenwater (GE Co.) (T) ~~WATER~~ CANCELLED- see 54122-629	Report cov trials of MC-9 with SE 1390 radio instn. Gadenwater 6/12 T. itinerary of test W
626672	6/8	To Wireless Improvement Co ~~WIRELESS~~	has delivered to representative Mr Forbes print copy of specens W
627407	6/8	Aviation	Survey 98/22 cov receivers and oscillation, transformers missing in shift on Att. Fleet air force invoice, of September 1921, approved. W.
626971	6/8	To SEA 459	Recd shipment of Transmitters from Anacostia to Quantico W BB 6/15 W

Number.	Date.	From or To—	Subject.
626064	6/6	Fwds Aeronautics	Fire in radio cockpit W
627091	6/7	Aviation	Copy of shipt order ov NC-9 plane from Atl. Air Sqd. to Ham. Rds. W.
598767	FROM CARD 217		Magosy & Buscher Request payment of bill fo work done for W. J. Scott. 6/3 W
14800-521	6/7/22	CinC Pac Flt—Operns	Radio Telegraph- Special report on fire Control Radio and Spotting Aircraft Radio.

Number.	Date.	From or To—	Subject.
627900	6/2 6/13	Phila Aviation	Radio installation on PT-2 seaplanes Fwds prints w
627361	6/13	To Agr Aircraft Fac via Comit Phila	Radio equipment for MARYLAND airplane co Aeronautics- CO MARYLAND W CO MARYLAND 6/17 W Aviation- Radio instln for MARYLAND airplane. Fwds print with comments on. 7/10 w
627 363	6/12	To S&A 485	Aviation - Request action 7/19 w Request print of Ltr from Parris Island to SC Phila W RB 1/26/23 7
628165	6/14	Atl Air Sqn	Copy: NC-9 directed to report to Lt. Barrill in conn with radio test W
627362	6/14	To COAnacostia	Radio instln in F-5-L Plane Assigned to Det- W

Number.	Date.	From or To—	Subject.
627519	6/9	Aviation	Copy of shipment order covg salvage matl from Leaning Airplanes from Hamp Rds to Aircraft Factory W
627506	5/15	no source	Aircraft design report covg W
627679	5/27	Nav Att London	Fwds copy of contract between Naval Attache & Handley Page Co covg aeronautical matl W
627229	6/10	To Western Elec Co	Repts specimens returned W

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Number.	Date.	From or To—	Subject.
628066	6/16	To Atlantic Fleet	Radio install on PT -2 Airplanes- rel transmitter and receiver W To Atl Fleet via Aeronautics Jamir (Atl Pac Phila 7/21 BB Atl Air Sqn 8/19 W Atl Air Sqn 7/30 W Fwd Aircraft Squad Scouting Fleet- via Comdr Battleship Force 8/21/24 To Atl. Fleet- Fwd Corres 8/21/24
628068	6/16	To Comdr Aid Squad Atl	Fleet Emergency transmitting sets for Sea planes- Supplies material (Pac Phila- Pensacola W
628069	6/16	To Pensacola- Harry Rds- Coco Solo- Pacific Fleet	Operation of SE 1370. Aircraft Trans- mitters W Request report to be submitted W Pensacola- 6/23 W Aviation- 7/10 W. Pac. Air Sqn- Subm report requested. 7/5 W. Coco Solo- Report on trouble with SE 1370 aircraft transmitter. 9/19 W
628070	6/17	To CO Anacostia	Assignment of Radio Research Problem- rel trouble in copying signals from aircraft vacuum tube transmitters W
628073	6/17	To Washn	Design Problem No 85- improved aircraft receiver type SE 4060- work to be expedited W
628488	6/15	Fischer Mach Co	Request prints covg details of transmitting & receiving set for aircraft W
628486	11/3	Atlantic Battleship Force	Recommend satisfactory radio equipment to be installed W Fleet- submits addnl inform cc A Atl.- gr Phila aircraft fac 11/18
FWD TO CARD 268			

Number.	Date.	From or To—	Subject.
627692	6/13	To S&A 493	Reqt shipment of mat from Guam to SC Phila W
627693	6/13	To S&A 499	Reqt shipment of mat from San Diego to SC Phila W
628329	6/5	CO LANGLEY	Wds modified HS-1 helmet with report on test of W
627844	6/15	To SEA 506	Reqt shipment of Receiver from Anacostia to SC Techn W Rs 10/31 W
627847	6/16	To Anacostia	Frequency transmitter for Seaplanes— Antenna insulator W
627900	6/20	To Phila via Com t	Radio instln on 1 T 2 planes instln approved W

Number.	Date.	From or To—	Subject.
✓ 628600	6/15	Anacostia	Summary of status of radio research problems assigned to radio aircraft laboratory W
✓ 628733	4/1	Guam	Report on radio equipment, quarter ending 3/31 W
608336	FROM CARD 225		Santo Domingo 5/31 W

Number.	Date.	From or To—	Subject.
628528	6/14	Gen Elec Co	Test of radio transmitter on seaplane W-C9 explains circumstances that resulted in reprimand of Boatswain Dieteric due to misunderstanding of telephone orders W To Atlantic Fleet— Gives Inform 6/20 Macostia— This report 6/28 W.
628503	6/9	Aircraft Secty	Request detailed instructions as to type of apparatus to be installed in K-5-L boats W U.S. Aeronautics 6/9 To Aircraft Sec via Com t- rel instln of spark transmitters 6/21
628380	6/19	To Atlantic Fleet	Gives Inform rel monthly radio report for April W Rb 7/3/22. W.
628381	6/19	To LANGLEY	Aviation Monthly aeronautical engine report W

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AIRCRAFT

Number.	Date.	From or To—	Subject.
628616	6/21	To S&A 544	Reqt shipment of radio set from Phila to CO Anacostia W RB 9/2. W.
629707	6/23	Quantico	Request 24- 5 watt transmitter tubes. W. Shipment Order 6/29 RB 7/27 W
629091	6/20	Naval Air Sta. San Diego	Request disposition of certain aircraft radio material supplied by requisition 592. W was RI 6/29
629079	6/24	To Phila	Aviation-Design Problem 189A-Type SE 4060 aircraft radio compass coils- Reqt report cc Mgr Phila W
629074	6/22	To S&A 543	Reqt shipment of Transmitters from NY to SO Aircraft Factory W
629075	6/22	To S&A 547	Reqt shipment of mat from San Diego to SO Phila W RB 2/1/23 W To CO San Diego- Ask to expedite shipment cc aircraft Fac- 10/17 San Diego- 10/25 - inquiry on transmitters not understood. 10/25 W TO Aircraft Fac via Comit- Gives instrs 11/4 Aircraft Factory 11/21 W [OVER.]

FOLDED TO CARD 269

Number.	Date.	From or To—	Subject.
628671	6/12	Quintice	Request vacuum tubes & ballast lamps be furnished for transmitter W
628685	6/19	To S&A 521	Request receipt of plans for aircraft fac to Anacostia W RB 7/18/22/W
628543	6/21	To CC's 115783	Aircraft radio Helmet Supply on hand and May 6/22 No radio helmet W Orinham Air Sta 6/22 none W Rockaway Beach 6/22 none W Anacostia 6/22 W. As Air Sta. favorable report on Helmet ty & receiver. modified rubber ear cup and bath sponge has been substituted. 6/28 W.
TO CARD 251			
628538	6/22	To -er Aircraft Fac via Phila	Aircraft radio receivers assembly and re- com. in use of W Phila 11/7 ask if Air Craft factory should receive on receivers To Mr Aircraft Fac via Comd Phila- gives status of shipment 11/24
628542	6/22	To C-I- C Pacific Fleet	Aircraft Radio transmitters Type SE 1300 discontinuing use of W Pac. Fleet Recommends removal of spark transmitters in spotting planes. 6/29 W.

AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.	
616903		FROM CARD 234	Aircraft Secty- Reports 244 vacuum tubes under A.P.A. 7/6 W. To MA Secty shipment of vacuum tubes from Phila to Main 7/13 W To Agr Aircraft Pac via Phila- desires to recommend sale of mat 10/21 Aircraft Secty 12/1 W Phila 12/8 W To Agr Aircraft Pac Phila via Comit- Ask which of mat is vacuum tube apparatus 1/3/23	
631772	6/19 7/8	Pacif. Air Sqd. Aviation	Airplane B-5 rel to change in radio generator. W To Pac Fleet via Aeronautics- 5-1-5 Pac Fleet- Request inform as Phila W 7/21	
631787	6/21 7/3	Pacif. Air Sqd. Pac Fleet	Request suitable transmitter and receiver be furnished for communications between base and aircraft in flight To Comdr Pac Fleet via C-I-C Pac Fleet- Comments on furnishing tube transmitter 8/30 W 10/6.	
631789	11-14-23	To Aircraft Secty Phila via Comit	Request for shipment of vacuum tube transmitter	

AIRPLANES RADIO

1942

Number.	Date.	From or To—	Subject.
629950	5/24	Bureau Aeronautics	Copy of letter to Curtiss Airplane Export Corp asking if radio gear is desired for 14 boats purchased for Brazilian Govt. Curtiss Corp gives estimate per set. 5/28 W To Nav Aircraft Fcty via Phila. Estimate LTO 5/29
530109	5/26	Phila.	Phila-Subm estimates. 7/12 Copy of letter from Aeronautics on radio equipmt for LTO airplane.
629797	6/29	To S&A 600	Reqt shipment of tubes from Washn to QM Quantico W
530750	6/30	Aircraft Fcty.	request auth to draw all radio proellers from store for use on immediate action. W. Aircraft Fcty- Request action. 7/10 W To Nav Aircraft Fcty Phila- T Reqt approved 7/11 W
629547	6/30	To Secy of War (Sec Sig)	Wind resistance of fans for Aircraft War Dept- Wds reports from McCook field on radio generator air fans. W, 7/1 To Dept- Wds reports- 7/24 W. To Dept (Sec Sig)- returns reports 12/4 War

AIRPLANES RADIO

1922

Number.	Date.	From or To--	Subject.
14812-521	6/19	N.A.S. Anacostia Eng	Radio Telegraph- Research Problem No. 97-A Radio Controlled Aeroplane (In Triplicate.)
✓ 632130	7/12	To S&A 704	Reqt shipment of tubes from Phila to Washn To Com it Phila- Rpts inform on shipment 7/15 w CC Socy Washn. RB 7/28 W.
✓ 632734	7/14	Aviation	Copy of letter to Anacostia directing appoint board to conduct trials on model EO-1 airplane. 5908 DW
✓ 632735	6/1 7/14	Guam Aviation	Subm report on radio aviation material on hand. W
632125	7/14	To CO Anacostia	Assignment of Radio Research Problem W

Number.	Date.	From or To—	Subject.
628543	FROM	CARD 249	Pensacola- 6/30 W. Atl. field 3rd. 7/13/22. W Coco Solo- Air Sta. lists helmets on hand. 7/14 W Pac Air Sqn 7/17 W Pearl Harbor Report on helmets on hand. 8/2 W
632060	7/10	Aviation	Copy of letter to Aircraft Factory stating instln of radio on VE-7 planes has not yet been authorized. W.
631168	7/6	To Wireless Improvement Co (T) ~~cancelled~~	Award contract radio sets vandylas being forwarded W Wireless Improvt Co. (T) Detectors not recd. 7/13 W contract 55275-

AIRPLANES RADIO

1922

Number.	Date.	From or To--	Subject.
633725	7/13	Atl Air Sqd.	Fwd's aircraft helmet with comment on test made. W To Air Squad via Atl Fleet- helmets will be issued to avc when recd W 8/29
634024	7/17	Aircraft Factory	radio wave change switch- fwd's vandyke. W.
627361	From cord 246		To CC via Aeronautics- Comdr Battleship force Radio equipment of MARYLAND cc Phila- Atl Fleet 7/21 To Sr Aircraft Fns Phila via Aeronautics- Phila- Reqsts Plans 7/28 Co W back 8/17 W Aviation- fwd's specifications cov instln of radio on D-O-1 airplanes. 8/16 W

AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
633027	?	McCook Field	Report on instruments and equipments week ending 7/15 W.
633001	6/14 7/12	Atl. Air Sgd. Atl. Fleet	Request aircraft factory turn air craft radio material listed. W. Fwds Aeronautics 7/31
633132	7/13 7/17	Anacostia Aviation	Fwds invoice of J. E. Bromwell's Sons for plating instruments. K
633136	6/19 7/17	Aircraft Factory Aviation	Fwds report of test on radio propeller and wind mill. W. Fwds Aeronautics 7/28
633535	?	ET	Copy of "Aerial Age" 6/26/22 issue. W.

Number.	Date.	From or To—	Subject.
635557	7/26	Ancastia	Vernier condenser for model MA receivers for use with 8.0 tube. Also drawings and table of wave lengths. W.
635594	7/31	Aviation	Request radio telephone helmet be loaned to Sigmond Arsenal for use in development of gas masks for aviators. To CO Ancastia via Aeronautica- loan Recommended 8/14
635671	8 1	Aviation	Copy of letter to Insp'r Cleveland stating radio will not be installed in CO-1 plane at contractors plant. W.
636091	8/5	Aviation	Copy of letter to Insp'r Garden City stating radio apparatus will not be installed by contractor on VS airplane. W.
636099	8/1	Quantico	Request universal amplifier be firm for install in Martin bomber. W. To Quantico via Marine corp disappvd 8/18

REFLECT 71710

1932

Number.	Date.	From or To—	Subject.	
633056	7/21	To Anacostia	Special course in Phil. for level trialer- from Syllabus W	
634600	see card	255		
634442	7/24	Aviation	Request specifications listed be furnished in conn with inspection of aircraft radio equipment W to Aeronautics- Will furnish spec 7/28	
627500	7/24	Bureau of Standards Lab	Have no facilities for constructing receiving equipment W	875
635122	7/26 7/27	Aircraft Factory Phila.	Request complete type SE 1390 transmitter be fwded. W to Aircraft Factory via Comdt- ask status of shipment 8/10 Phila. 8/15 W. + Rec via Comdt Phila- components on plan cc cc Lakenhurst Anacostia- Aeronautics 8/29	
632456	7/18	Anacostia-	Subm list of radio recsh and design problems assigned to station. W.	736 -43

AIRPLANES

RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 636503	8/7	Aircraft Factory (T)	Request Washington be directed to ship batteries at once: W To SAA Request shipment of batteries from Washn to SO Phila 8/12
	see card 260		Aircraft Factory—(T) Batteries urgently needed 8/30 W To SAA Request shipment of batteries from Washn to Phila 9/6 W SAA 9/13 W Phila Request copies of ship order 9/21W
636482	8/8	To Pacific Fleet	Aircraft transmitters type SE 1300— operation of Givens extract from report recd from Brown Field Quantico W Pac. Fleet Air Squadron. Report on performance of radio set. 8/18 b W.
636944	8/9	Phila.	Aircraft radio compass coils system—fwds prints. W Aircraft Factory 8/23 request action. W Phila 8/26
53941	8/11	To C-I-C Pac Fleet	Aviation Transmitters—instn of co Aircraft Pac W S
637617	8/10	W. A. Lath and O. T. Giraux	Fwds clipping cov underground cables for piloting airplanes from starting point to landing place. W. To W A Lath and O T Giraux. Request descript ive matter be forwarded 8/17

AIRPLANES

RADIO

1922

Number.	Date.	From or To—	Subject.
636079	7/28	Pensacola	Difficulties with SE 1310 generators have been remedied by rewinding DC armature. W.
625485	FROM CARD 243		Aviation- Martin Co. request information as to dimensions of generator. 8/3 W Re Insp'r Cleveland- Fwds print 8/17 Aviation 9/21 W is not desire furnish radio sets 10/10
636324	8/3	Anacostia	Request 12 radiotron 5 Watt transmitting tubes be furn. W.
636291	7/15 8/5	War Dept Aviation.	Airplane radio receiver type SCR -59-B alterations, to convert from type A. W.

AIRPLANES: RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 637956	8/19	To CO Quantico via Maj Gen Comdt Marine Corps	monthly radio report- Defects in type SE 1300 Transmitters- Gives suggest ions made by Anacostia for improving ruggedness of excitation transformer W To CO Quantico via Aeronautics- Marine Corps- Gives extracts from report of the opern of transmitters 8/29
✓ 638639	8/21	Aviation	Fwds specifications cov model CS-1 airplane listing specifications for radio apparatus for W to NBR Naval Aircraft Garden City furnishes samples of plans of radio mat 8/26
✓ 638927	8/10 8/23	Marine Isl. S&A	Subm list of anti-aircraft equipt on hand- request disposition of. W. Fwds S&A 8/26
639374	8/26	Aviation	Copy of letter to CO LANGLEY authorizing rearrange location of rudder to permit installn of radio compass coil on VE-7-SF planes. W.
14579-521	8/24	Eng---Aero	Radio Telegraph- Guiding aircraft with electrically excited cables.

AIRPLANES RADIO

1922

Number.	Date.	From or To--	Subject.
638079	8/17	N.Y.	Request prints giving over all dimensions and general constructions of type SE 1345 airplane radio set. W To Mgr Aircraft Fac/ via Comdt- Request prints cc NY 9/30 To Mgr Aircraft Fac/ via Comdt- Request prints cc Phila 9/30 Aircraft Fac/ - CC V action to N.Y. 10/8 Y
634600	8/18	To C.-I.-C Pac Fleet	Request for information on dead sectors experienced in Radio comm between seaplane and battleship rel tests. W Pac Fl Ct- 10/18- will conduct test when schedule of fleet permits W
637957	8/18	To Mgr Aircraft Fac via Comdt Phila	Types Radio instrns on Dh 4-B Planes- Comdt gives suggestions from aircraft lab regarding method to prevent vibration damage to excitation transformer W Aviation- Aircraft Fac/ request instrns rel to distribution of modified transmitters. 9/5 W Phila. 9/7 W. Phila- request action 9/20 W. To Mgr Aircraft Fac via Comdt has no use for Trans. 9/30 Radio Telegraph- Radio Control of Aircraft. Radio Compasses/
14852-521	8/7	Ordnance --Eng	
14874915	8/18/22	Memo for H.N. Wiseman Chief Coordinator for Gen Supply.	
14879-521	8/22	Aero p--Eng	
14880-520	8/25	N.A.S. Anacostia--Eng	Radio Experiments- Aircraft. Radio Tele- Radio Mach Prob No. 97-A- Radio Controlled Aeroplane.

AIRPLANES

RADIO

1922

Number.	Date.	From or To—	Subject.
639876	8/30	Aircraft Fcty	Copy of letter to Aviation requesting instructions concerning radio installn on DH-4-B-1 airplanes. W.
639983	8/17 8/31	Atlantic Aircraft Squadron Aviation	Material left at Guantanamo— in conn with disposition of. W. To Comdr Aircraft Squad Scouting Fleet— Rds ref 9/8 W cc Aero Guantanamo S&A
639997	8/29	Atl. Battleship Force	Request description and instruction booklets for standard radio equips listed. W. To Atl. battleship force, sec gives inform on radio equipment 9/21
639644	8/31	To S&A #995	Reqs shipt of radio equip from Phila to Pac Fleet. W. Hb 1/22 W
640379	9/5	Aircraft Fcty—	Report on shipt of VE-9-H2 plane to Ham Rds. W.

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RADIO

1922

Number.	Date.	From or To—	Subject.
629950	from card 250		To Curtiss Aeroplane Export Corp- Rqsts inform rel purchase of outfits cc S&A- Aeronautics 8/28 Curtiss Co.- 8/31 W S&A 8/8 W To Curtiss Aeroplane Export Corp- Fwds inform 10/14 W cc S&A Curtiss Aeroplane Export Corp- 10/16 To The Curtiss Aero. Export Corp- Gives instrns 11/4 Fwds S&A- estimates rel 11/8 S&A 11/22 Conv action to Curtiss Airplane Export Corp W c
639016	8/29	To C-I-C Pac Fleet	Special report on fire control- radio and spotting aircraft radio W Pac Fleet 9/8 Comments on W Pac Fleet 9/22 W
639495	8/29	To ^{gr} Aircraft Mac- Phila- to Co Anacostia	Aviation- landing field indicators- Development in France Fwds cc paper recd from Naval Intelligence 8/29

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RADIO

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Number.	Date.	From or To—	Subject.
✓ 640657	8/10 9/7	Pearl Harbor Aviation	Report covering instln of radio apprs in N-9 seaplane. rws Aeronautics 9/14
✓ 640659	9/1 9/7	Quantico Marine Corps	Request meters be turn for use in testing transmitter. W to S&A Regt shipment of material from Phila to Brown Field Quantico 1041 9/9 Quantico 11/9 W
547631	from card	195	to S&A Regt s ipment of equipments from CE 10 yards listed 1028 9/8

Number.	Date.	From or To—	Subject.
✓ 640378	9/5	Aircraft Fcty.	Report o. shipt of VE-9-H plane to Ham Rds. W.
✓ 640419	8/18 9/5	Washington Aviation	Request sketch showing modifications to Aviation type SE 1345 aircraft radio sets. W. Fwds Aeronautics 9/8 W To Comdt Washn- Fwds bprint 9/8 W
✓ 640451	9/6	To Mgr Phila via Phila	Instruction books for Comdr Atl Fleet rqsta 9/6 W
✓ 640452	9/6	To San Diego	Rqsts inform on radio matl on hand/ W RB 9/20. W.
✓ 640535	9/6	Aircraft Fcty	Report cov flight of N-9 seaplanes. W.
✓ 640554	9/7	To Phila via Comdt	Supply of 20 ⁰ watt self-regulating fans. W Aircraft Fcty. Only one self regulating fan in store. ? W. Phila- Only one fan in store 9/20 W. To Mgr Aircraft fac Phila via Comdt- Ask disposition of fans W 9/30 Aircraft fcty- 10/11 W.

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Number.	Date.	From or To—	Subject.
641375	8/1 9/13	Quinn Aviation	Subm report on radio material. W.
641493	8/30 9/13	Aircraft Factory Aviation	Request instructions rel to instln of radio equipment on DH-4 B-1 planes. W. To Aircraft Fac via Comdt- plans will be supplied with radio in stations 9/30
641571	9/15	Aircraft Factory	Copy of letter to Aviation asking status of motor generator for fleet air ship ZR-1 ordered from NCL Engineering Corp. W.
641780	8/31 9/16	Pacif. AirsSqd. Aviation	Request aircraft radio spotting sets be furnished. W. To Atty Gen via Aere. Pac Fleet- shipment of sets 10/8
TO CARD 266			To Pac. Fleet via C-I-C- Gives inform 10/27cc Atty Fleet 10/27
641982	9/21	To S&A	Re at shipment of transmitters from Phila to Squad no. 1 W Aircraft Factory- Ask if shall remove dynameter and substitute wind driven generators. 10/5. W To Phila via Phila- Fwds inform 10/13 W Aircraft Factory- Copy action to S&A 10/27 W Aircraft Factory 11/1 W. Phila 11/2 W

AEROPLANES RADIO

Number.	Date.	From or To—	Subject.
640967	9/1	Aviation	Report on cause of <u>fire</u> in radio cock pit of PT airplanes. W.
641016	9/11	Pensacola (T)	Request main field coils be shipped with DC generator. W. Re S&A request shipment of coils from Washn to Pensacola 1579 9/15
640818	9/9	To 1st Dist Re 4th Dist. 9/26 W	Aircraft Radio Transmitters—Test of W as 1-3-4-5-6-8 Dist—CO Anacostia W Charleston 9/18 W S&A Sds. Reports on test 9/18 W. 1st Dist. 9/18 W. 3d Dist. 9/20 W.
641162	8/5	Philippine Air Dept. to <u>CO Philippine Air Dept.</u> Fwdg instrs	Request copies of Navy radio catalogs. W. books 9/30
641376	8/13	Guam Aviation	Subm report on aviation radio material. W.

AEROPLANES

RADIO

1922

Number.	Date.	From or To—	Subject.	
642396	9/22	Pensacola (T)	Request 100 simon propellers be from or authority be given to manufacture same to Pensacola (T) Allotment and authority forwarded by Aeronautics W 9/23	W.
642418	9/20	Anacostia	Distance test of type GE 1385 aircraft transmitter; report covering. W.	
642419	9/20	Anacostia	Specifications covering 550 watt transmitter equip- recommendations cov changes in. " to nsp mat GE- gives modifications necessary to spec and requirements under the listed contract W X 88275-629 cc S&A- Annapolis 9/28	
643012	9/20	Pac. Fleet	Copy of letter to Squadrons rel to combined training air craft and battleships cover in fire control test W 647	

AEROPLANES

RADIO

1922

Number.	Date.	From or To--	Subject.
642020	9/15	Aircraft Factly	Copy of letter to Aviation submitting list of miscellaneous instruments and equipment required for completion of fleet air ship EE-1. W
642152	9/18 9/20	Aircraft Factly Phila.	Ask if shall design radio instln for free balloons. V. Phila- Request action. 10/3 W.
641979	9/20	To S&A 1086	Reqst shipment of batteries from washn to Phila W RE 1/26 W
525563	<u>FROM CARD 244</u>		Aviation 9/21 Copy of action to Pensacola W Pensacola- request electrodes be furn. 10/13 W To Pensacola- has no order at pres. time for a small number of transformers and transmitters 10/21 Pensacola 11/27- W

AEROPLANES: RADIO

1922

Number.	Date.	From or To	Subject
✓ 643186	9/30	To CO Anacostia	A C Spotting sets for Aircraft instruction book- gives inform W
✓ 643187	9/30	To Mgr Aircraft Pac Phila via Comit	Aviation-design problem. ZIO design of radio equipment for free balloons will furnish instrns cc Aeronautics 9/30
✓ 643731	9/28	Anacostia	Report on test of manufacturers model SE 1375 aircraft spotting set. 7.
✓ 643759	10/2	Aviation	Request radio helmets be furnished air station at San Diego. 7.
643719 to	card 262		

Number.	Date.	From or To—	Subject.	
636505 ³	from card	254	To Phila.- Fwds copies of shipment order serial 891 for Radio "B" batteries cc Phila 9/28 Washington- S. Appent complete 11/17 Fwds Phila- Rel shipment of cc usna 11/8	
54255	9/28	To Inap Mat NY	Self-regulating radio generator fans- Deslauriers Column mould Co Rqsts inform rel date of delivery of sample WS	529
54223	9/28	To Inap mat NY	Self-regulating radio generator fans Deslauriers Column mould Co- Rqsts inform rel date of Delivery. WS	529

1922

Number.	Date.	From or To—	Subject.
644445	10/6	Aircraft Factory	Copy of letter to Aviation rel to radio instn on experimental a-a flying boats at factory. W.
644335	10/7	To S&A 1228	Reqt shipment of fans from Phila to CO Anacostia W To S&A Reqt shipment of fans from Phila to Anacostia 1549 11/20
644795	10/6	Anacostia	Constance of antenna and direction finder for loop for scouting and spotting planes— report covering. W. Anacostia. 10/11 W.
644794 B	?	Anacostia	Rel to auth of standard screws for aircraft radio equ pt. W. Sua- Copy action to Aircraft Sect. 10/3 W

AEROPLANES: RADIO

1922

Number.	Date.	From or To—	Subject.	
643275	10/3	To Mgr Aircraft Fac via CO Anacostia- Phila	Reports on Airfan type PA 8- Fwds reports W Aircraft Factory- Fw's reports on air fan.	10/13 V
644165	10/2	Naval Intelligence	Notes letter from Naval attache London states man travelling in England and supposed to be representative of Aero Marine Airways Co. made statement that they did not use radio on planes in United States, as radio is not developed to such a point as to warrant instln of standard equipt. , W.	
644205	10/4	Aircraft Factory	Copy of letter to Insp. E rel to shortages in shipts of transmitters. W.	
644284	10/4	Dept	Copy of letter to Atl. fleet submitting recommendations cov. aircraft communications delays, in conn with weather reports W. Dept- Copy action to Atl. fleet. 10/5- W. Dept- Copy action to Atl. fleet. 10/14 W	

AEROPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
644694	10/10	To B.L. Smith T	Bureau Eng can supply 1310 aircraft sets letter enroute AM instructing Aircraft Factory Phila show you equipment. W To Phila— T Smith Aero Marine Airways desires inform radio instln on plans. Furn inform. 10/10 W To Aero Marine Airways Co— Rqsts booklets be returned 10/14 W To Mr. B.L. Smith— Rqds inform Rqstd 10/14 W To S&A— Submits estimates 10/25
645238	10/4 10/7	Acad. Air Sqads. Acad. Fleet	Submits report on radio control seaplane 7
645356	10/13	Aviation	Radio instln on class VS airplanes— Rqds Martin drawing. To Aero.— Radio instln— recomdms 11/23
645059	10/13	Aircraft Factory	Self regulating fan fwded to Anacostia, W To Nav Aircraft Factory Phila T Telephone instrns issued about 3 Oct ship immediately parcel post. 10/12 W

Number.	Date.	From or To—	Subject.
643719	10/10	To Squad No 1 via Squad Scoutg fleet- Comdr air force actg fleet CO's- Stations listed	Radio transmitters on scouting planes- gives action co at...Scouting Fleet- Suggestion and recommenda- tions cov radio equip. 10/29 W Atlantic Air Sqn 1- 11/7 T Buys Air Craft Factory be authorized to make repairs to transmitter. W To Atl. Fleet (1) W Gives action 11/6 To Phila (1) Appvd W 11/8
644985	10/9	Anacostia CANCELED	Failure of plate by-pass condensers type SE 1375- equip- report covering. W
645123	10/6 10/11	Aircraft Factory Aviation	Request instructions cov radio instn on experimental F-5 flying boats. 7. To Phila via Phila- instn of transmitter authd 10/14 W cc Aeronautics.

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1922

Number.	Date.	From or To—	Subject.	
56255	10/14	To Insp GE	Cont for aircraft wind-driven generators W cc NNS	529
645513	10/16	To S&A 1316	Reqt shipment of mat from Pa. a Fleet- to Phila W	
643068	10/17	Property Acctg. Off.	of S&A at disposition, to be and of Phila. Institute. to S&A- re shipment of material 10/23 Property Acctg. Off. 10/28 W To S&A-- satisfy cc Aero. 11/23 Property Acctg. Off.-- Request action. 11/24. W	
645241	10/19	To Mgr Aircraft Fac Phila. via Aero.- Phila Comdt	Ammeters Radiation- shipment of shld be expedited W	

Number.	Date.	From or To—	Subject.
645408	10/12	Aircraft Secty	Report on emergency transitting test of a 1000 ft. plane with 1000 ft. on 2-3 seaplanes W
TO RD-365			To Ltr Aircraft Sec- Award to Comdr Air Squad 41-1st. stations- Pansa. Anacostia- H- Coco Solo- Brown Field- Quantico Marine avia Detachment Guam 10/17 ing 41-1st- 11/1- 7- request approval. 1/27 W
56223	10/13	To Insp Eng Natl NY City	Hel to deviation of Wind Driven Genera- 629 tor Pansa WS
14909-521	10/3/22	C/C Pacf. Flt. Gen.	Communications- detailed instructions for, in conn with control of fire by aircraft.
14904-521	9/26/22	K.A.S. Anacostia E & S	Radio telegraph- research problem No 97- A. Radio control 1st Air. Ana.
14901-521	9/27/22	Eng. C/C Pacf. Flt.	Radio telegraph- Aviation design of aircraft receivers.
645579	10/14	PacF. Aircraft Sqdns.	Radio control on radio control seaplanes. W Fwd Operas via Pan Aero. 10/25

1922

Number.	Date.	From or To—	Subject.	
646003	10/19	To S&A 1344	Reqst shipment of Helmets from Phila to CO Pac Fleet W RB 11/25 W	
56255	10/16	Insp'r GE	Sample wind driven generator. Reasons for delay in submitting SW	629
646397	10/20	Air Fty	Reqst radio equipment be arranged for three #1 airplane W To Air Aircraft Wac via Comdt Phila if tests indicates that type will be satisfy a set will be furnished for inst'n in plane due to be completed in January of Aero. 10/25	
647000	10/20	Air Craft Fcty	Water tight power for boats. Fwds prints and samples W Air Craft Co 11/7 Rqsts action W To Phila. Ack receipt of letter. sample to be tested. 11/14 W	
647117	10/25	Anacostia	Fwds instruction wiring diagrams and in to rough covering type 1375 Air Craft radio equipment W	

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 645333	10/19	To Navign via Dir Comm	Report from LANGLEY- is forwarded- invites attention to remarks W
✓ 645835	10/18	To S&A 1327	Reqst shipment of transformers from washn to CO LANGLEY W RB 11/2. W.
✓ 645839	10/18	To S&A 1329	Reqst shipment of amplifier from CO LANGLEY to SO Washn W RB 12/18 W
✓ 646002	10/19	To S&A 1342	Reqst shipment of amplifier from washn to CO Pac Fleet W

AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
645408	FROM CARD 263		Air craft Secty 11/2 7. Pensacola 12/20 W To Pensacola - Gives inform rel monthly report 12/30
647363	11/1	To Inspr mat NY	Self regulating pens blue prints- Requested W Inspr Brock 11/14 W
648113	11/2	Aviation	Request Bureau issue shipt orders covering material at Aeromarine Co. 7. Fwd S&A 11/7

AIRPLANES: RADIO

1922

Number.	Date.	From or To—	Subject.
646900	10/25	To B L smith (T)	S&A handling supply aircraft radio- have been requested expedite instrns to aircraft Pac. W
647674	2/27	Naval Intelligence	Report on means of communications to and from aircraft as used by French Navy.
648057	10/31	Anacostia	Test flight of Model K A type SE 1375 aviation - report covering with print V.
648071	11/1	Aircraft Secty	Equip for scouting plane Sqd. 1 during winter exercises - comments on. V.
648087	11/4	To S&A 1423	Reest shipment of mat from Anacostia to CO Quantico W

AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
648745	11/8	AirCrafft Factory T	Reqs immediate shipment of plate bat- teries W Air Craft Factory 11/14 30 batt rice urgently needed. SEA 12/4 W
648818	11/7	Aircraft factory	Reqs disposition of radio vacuum tubes on hand W to Agr Aircraft fac Phila via Comdt- gives inform rel tubes cc Phila 11/20 Phila 12/7 Reqs disposition of vacuum tubes W To Phila- gives action cc SEA 12/16
648868	no date	Pac Fleet	Copy endorsement to Aircraft Squadron rel to assigning 14 additional radio sets to F-5 boats for spotting purposes W
648416	11/9	To CO Hamp rds	Planes for Atlantic Fleet- radio instln- gives instrns rel cc Comdr Air Squads Atl. Fleet- Agr Aircraft fac. W

AIRPLANES

RADIO

1922

Number.	Date.	From or To--	Subject.
648164	10/30	B L Smith (T)	Request assistance in tracing orders to aircraft factory for radio equipment. W.
648339	11/1	Pensacola	Encls photos showing damage to field coil at time of crash on 11/16. With equipment on. W Fwd Insp mat 11/16 To Pensacola- Gives inform 11/16
641780	FROM CARD 258		Re: Air Sqds. 11/6-T- W. Atlantic Air Craft Squad 11/6 Repts sufficient number of spitting sets be made available L

AIRPLANES : RADIO

1922

Number.	Date.	From or To—	Subject.
648619	11/11	To Atl. Fleet via Comdr-	Aviation- spotting sets for F-5 L Planes- Reqs to be made to Atl Fleet via Atl Battleship Force 14/2 W
649503	11/13	Anacostia	Copy letter Washington fwding to be shipped to 15th District W
649507	10/10 11/9	Guam P.I.	Reqs 24 propellers for transmitter be furnished W from SEA 11/18
649105	11/14	To Atl. Fleet Air	Sdgs. Radio telegraph Aviation- fwding water tight plug for use on F-5-L planes- Request test and inform results. 11 W.
14901-521	10-28	CINC Pac - Ling	Radio Telegraph-Aviation- Design of Aircraft Receivers.
14938-521	10/28	Ordg Operm via Garomutics	Radio Telegraph- Radio Controlled Seaplane.

AIR LINES: RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 648417	11/6	To S&A 1425	Request shipment of transmitters from Phila to Atl. Fleet W RB 11/12/23 W
✓ 649129	10/1	Guam	Report on radio material W
✓ 648624	11/10	to CO Anacostia	Assignment of new Research problem Fwds suggestion W
✓ 648745	11/9	To S&A 1451	Request shipment of batteries from Washn to Phila W to Ler Aircraft fag via Comdt Phila Gives action co Asst Phila Wash 11/11 Fwds - To S&A - request shipment be expedited cc Phila 11/21
✓ 649362	11/10	Atlantic Fleet	Request 18 F-15 Planes to be used in Fleet maneuver be equipped with radio

1922

Number.	Date.	From or To—	Subject.
628466	F/D FROM CARD 247		Atl Air squadron 11/21 T R sts ation in connection with radio sets W Atl Fleet 11/22 T Approves recommendations W Atl Fleet 11/23 W
650374	11/20	Aviation	San Diego Air Station reqts vacuum tubes and batteries W To CO San Diego - Reqsts inform 12/1 San Diego 12/11 Batteries reqtd will replace those in use W To CO San Diego - Reqsts inform rel bat- teries 12/27

Number.	Date.	From or To—	Subject.
650122	11/10 11/18	Quantico Marine Corps	Reqs 18 Audion frequency amplifier. transformer be furnished W To S&A Reqt shipment of transformer from Washn to Quantico 1562 11/21
650124	11/17	Guam Aviation.	Submits report on Aviation radio matl W
650062	11/21	To Aero.	Conference between rep of army and navy on aircraft instrn and communication Nov 9 Fwd report of W
650342	11/17	Washington	Report received of amplifiers for research lab from Radio Corp W To Washn. Allotment 150 Anacostia- Washn Radio cost \$200 12/2

AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
650816	11/23	Aircraft Fccty	Eng st furnish 10 radio frequency amplifiers trans. omers for stock L To Mgr Aircraft Fccty via Comdt- reqst for transformer 12/2
650319	11/21	To S&A 1564	Reqst shipment of receiver from Guam to SO Phila W Aircraft Fccty 10/5/23 Eng st C. V. W. order 15-4
650320	11/21	To S&A 1565	Reqst shipment of amplifiers from Guam to SO washn W
650321	11/21	To S&A 1566	Reqst shipment of amplifier from washn to CO Squad 1 W

AIRPLANES RADIO

Number.	Date.	From or To--	Subject.
62909 ¹		END FROM CARD 249	Aircraft Party 11/21 W 11/22 This list of material recd. W
649961	11/17	Aviation	3-EO-1 airplane on contract 567982 HUFF B Ford Co rel to repairing pigeon boxes and radio s s W To S&A Request shipment of equipment from Phila to Gen Insp Dayton 1582 11/24 RS 12/30 W To S&A Request shipment of equipment from Phila to Gen Insp Garden City 1581 11/24 RS 12/30 W To Gen Insp Aircraft- Fwds Vandyke acc 11/29

AIRTEL 133 R 710

1922

Number.	Date.	From or To-	Subject.
651397	11/14	Aircraft Factory	Post 50 helmets be furnished to To Aircraft Pac via Comdt India- no helmets avail- able - 11/1
650660	11/23	To S&A 1573	Request shipment of mat from Phila to Pensacola W
650764	11/28	To Pac Fleet	Aviation type SE 1345 sets- Request report as to dism of component parts To S&A Request shipment of same sets- Phila Phila to Pac Fleet 1577 11/29
651713	11/20 11/27	Scouting Plane Sqd. #1 Aircraft Sqds.	Fwds special aircraft radio report. W.
651731	11/23	Aracostia Cancelled placed in Confidential File C 14879-521	Research problem 95-A- landing field indicator audio frequency system- report on. y

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
650326	11/24	To The Marine Airways	Regarding instln of radio equipment on RR-2-L flying boats.— Rqsts action taken cc S&A— Aero.
651031	11/24	Wash	Use of audio and radio frequency transmitters. Rds sketch in connection with W Fwd Phila via Comdt 11/20
650654	11/23	To S&A 1569	Reqst shipment of tubes from Washn to CO Hamp Rds W
650655	11/23	To S&A x 1568	Reqst shipment of transmitters from Phila to CO— Hamp Rds W RB 1/3/23 W To CO— Hamp Rds— gives status of shipment Torpedo Squad 1— 12/29 material recd. W To CO— Hamp Rds (12) Ask if amplifiers received 12/30

1922

Number.	Date.	From or To—	Subject.
651765	12/1	To S&A 1622 Shpmt Order Canceled	Reqst shpmt of helmets from Anacostia to San Diego W RE 1/10 W To S&A Reqst shipment of helmets from Anacostia to San Diego 1732 12/18 To CO Anacostia - gives inform in conn. with shipment order covering 3/8
651769	12/2	To S&A	Aircraft Radio may be disposed of by sale - reqst of Aeromarine Airways Incorporation W
651772	11/29	Anacostia	Report on test of type 38 1745 Air craft equipment on F 5-20 W
651700	11/29	Anacostia	Modification of 38 925-A sh of generator for regulation of m. rws

AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
651822	11/21	Pensacola	Letter request #53- request two wind driven generators complete with propellers be furn. W
651872	12/1	Air Craft Fcty.	Wants 20 new design radio kites be furnished W
651868	12/1	Air Craft Fcty.	Wants 6 radiat. on ammets be furnished W To Agr aircraft Pac via Comdt- Gives inform 12/21
651682	12/1	To S&A #1619	Reqst shipment of mat from Boston to Phila W

1922

Number.	Date.	From or To—	Subject.
651918	12/5	To Agr Aircraft Fac via Aere.- Comdt -hila	Radio instal type for all. Fleet- prints shld be furnished stations conc- erned cc Aere.- Atl-pac. Fleet-Anacostia Ried field W
651919	12/5	To Agr aircraft via Comdt	Reqs estimate be furnished for manu- facture at aircraft fac. of spark gap electrodes W
651966	12/4	To S&A 1625	Reqt shipment of mat from hila to Squad 1 W RB 3/13 W For cancellation of one item see AZ1/367
652483	12/4	Anacostia	Interference test 1375 transmitters. Report covering W To Fac Fleet- Fwds reference 12/14 W

AIRPLANES: RADIO

1922

Number.	Date.	From or To—	Subject.
651770	12/4	To Mgr Aircraft Pac via	Comdt Radio storage batteries— purchase of— Rqsts be expedited cc Atl. Fleet W
651771	12/4	To CO Hamp Rds	Aviation—aircraft radio compass coils and helmets— inventory of W Hamp Rds 12/12 inventories of coils and helmets of W
651916	12/4	To Phila	Radio compass coils— Rqsts completion of be expedited cc Mgr Aircraft Pac Phila— Comdr Atl. Fleet W Phila 12/9 W To Atl. Fleet— Rqds corres. cc Mgr Phila 12/16
652207	11/16 11/20 12/4	SEA War Dept Aviation.	Rqsts 5 aircraft radio sets to furnished by signal corps and delivered to Ana. Ostia. L. H. W. Rqds Aero. 1/5/23 Aeronautics 12/27 Rqsts action WH

AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
652122	12/8	To C-I-C Atl. Fleet Pac Fleet- CO Pensacola	Radio equipment- test of en F-5-L- Pwds corres. W
652181	12/8	To Mgr Aircraft Pac Phila via Comdt	manufacture of kites- reqsts estimates W Phila 12/29 submits estimates W To Mgr aircraft Pac via Comdt Phila- Estimate appvd co aero. 1/13
653079	12/7	Anacostia	120 watt self regulating fans furnished by Deslauriers Co Tel to overcomding trouble with W To Comdr aircraft Squads AROCSTOOK- comments- 12/19 To Comdr Aircraft squads- - gives Action 12/19

AIRPLANE: RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 651713	12/6	To Squad 1 via Atl. Fleet	spec. aircraft radio report- rel delivery of spark gap electrodes W
652100	3/12/23	To Washington	Modification of Generator shaft for self- regulating fan- rwd's print W
✓ 652575	12/1	Fac Fleet	Copy letter to Air Craft Squadron asking if ammeter can be replaced provided new thermo elements are furnished W
✓ 652806	12/8	Aircraft Factory	Requests shipment of be fwd covering transfer of amplifier to Washington for conversion to type SE 1806 W To S&A Request shipment of equipments from Phila to CO 1690 12/9 RB 1/3/23 W

1922

Number.	Date.	From or To.	Subject.
653550	12/11	Anacostia	Instructions for modified Type SE 1300 generators for use on type SE 1375 transmitting equipment Station. Fwds photographs W ANACOSTIA 12/15 Report on discrepancies in transmitting equipment To Squad 1. Gives action 5/18 co Aero/23 Bat Fleet- Scouting Fleet- 5/18/23
653237	12/13	To S&A #1716	Repts shipment of batteries from wash to USS WRIGHT W AB 4/23 W
653629	12/8	Anacostia	Fwds report from A H Tayler covering multiple reception or coupling tubes and reflectors W To S&A - Fwds invoice 5/18/23
653630	12/8	Anacostia	Fwds report from AH Tayler rel to new method of reception using regenerating tubes with radio. W To S&A - Fwds invoice 5/19/23 O S S

1922

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Number.	Date.	From or To—	Subject.
652648	12/9	To S&A	1682 Request shipment of tubes from Washn to San Diego W RB 2/7/23 W
652649	12/9	To S&A	1683 Request shipment of transmitter from Anacostia to San Diego W
652804	12/9	To S&A	1688 Request shipment of equipment from Washn to CO W RB 4/18 W
652805	12/9	To S&A	1689 Request shipment of equipment from Phila to CO W RB 12/30 W
653310	12/11	Insp r GE	Requests specifications for type SE 1390 transmitting equipment W Insp r GE - No Date Photo action W To Insp r mat GE- Rwd's spec's 12/22 To Insp r mat GE- Rwd's prints 1/3/23

FILE No.	From or To— (Dated)	Subject.
655761 12/15	Aviation	Fwds copy of circular letter stating Engineering has cognizance over battery used for radio work on Naval Aircraft <u>X to Cognizance</u>
654947 12/16	Aircraft Factory	Copy of letter to Aviation asking if radio is to be installed on DH-4 plane W
654947 12/16	Aircraft Factory	Copy of letter to Aviation asking if radio is to be installed on H-16 boats W

654281 12/21 9th Dist T
CANCELLED

Stations placed out of commission W

654582 12/22 Ordnance

Reqsts loan standard DC generator for
test of gyro-scope instrument in
Airplanes W
To S&A reqst shipment of fan from Phila to
SO Washn 1844 1/4/23 RB 4/16 W
Aircraft Fccty. Have no self regulating
fan in stock that fits shipmt order
requirements.
To S&A Reqst shipment of fan from Phila to
Washn 2087 2/3/23

8

12/12

12/12 Laurentide Air Service
12/22 Aviation

Ask if bureau has surplus radio material
for sale. W
Fwds Lgr- Aircraft fac Phila via Comdt 12/30

654839 12/16 Air Craft Fccty
12/22 Aviation

Ask if radio apparatus will be installed
on H-16 flying boats. W

N. Eng. 134
AIRPLANES: RADIO

1922

Number.	Date.	From or To—	Subject.
654245	12/22	To S&A 1749	Reqst shipment of amplifiers from I H to SO Washn W
654245	12/22	To S&A 1748	Reqst shipment of amplifiers from San Diego to SO Washn W Pearl Harbor. 2/5 Report on status of shipment W
654247	12/27	To S&A 1755	Reqst shipment of fan from Anacostia to Deslauriers Column Mould Co W
654403	12/23	To S&A 1760	Reqst shipment of transformers from Washn to CO W RB 1/9/23 W
655049	12/16 12/27	Aircraft Fcty. Aviation	Ask if radio is to be installed in DH-4 planes. W Awd Aero. 1/5
654678	12/27	To S&A 1786	Reqst shipment of equipment from Wash to amp Rds. W RB 1/22/23 W

Number.	Date	From or To	Subject.
✓ 654128	12/22	To S&A 1747	Reqst shipment of equipment from Washn to SO Phila W RB 5/7/23 W To S&A Reqst shipment of equipment from Washn To- Phila 2645 4/19
✓ 654398	12/22	To S&A 1757	Reqst shipment of tubes from Phila to Scouting Fleet W RB 1/6/23 W
✓ 654829	12/20	Acnaostia	Performances of transmitters during photographic operation with NEVADA. Rapo. t covering W
✓ 654848	12/3	B.V. McDougald	Ask where can obtain type SE 950 radio receiving sat W To B V McDougald- cannot be of any assis- tance W 12/28

AIRPLANES: RADIO

1923

Number.	Date.	From or To—	Subject.
654938	1/4/23	To C F Redden-	Gives Inform rel instln of radio material W To C F Redden - Gives action taken 1/24/23
14953-521	11-18-22	N.A.S. Anacostia- BU Engineering.	Radio Telegraph- Research Prob. No. 97A Radio Controlled Airplane.
515161	FWD FROM CARD 191		Anspr schen. 3/23 Rel to return of loaned material W
488750	FWD FROM CARD 187		Great Lakes 4/12 Transfer of funds to cover material loaned Minneapolis and transferring to Reserve force. W Fwds S&A - Requests action taken cc Navign 4/20 To S&A - Requests action taken cc Navign 4/19/23 Prop. Act office- Requests action W To S&A - Directs invoice to Great Lks 7/3/23 S&A 7/9 Lists apparatus involved W

Number.	Date.	From or To	Subject.
655105	12/23	Aviation	Weekly operation report W
655464	12/29	To Mr Fao Phila- CO MARYLAND	Aviation MARYLAND- radio instln on shipplanes To Aircraft Fao Phila- CO MARYLAND- Rel instln on shipplanes gives inform 12/29 To Phila (T) rel Dec 29-8- instln on seaplanes cancelled 1/18/23
654924	12/29	To Crocker-Wheeler Co	- Self-Regulating fan- gives instrns rel W
655395	12/30	To S&A 1815	Request shipment of transformers from Phila to St. Washn W. BB 3/15/23 W Air Craft Factory 2/16 Reports removal of 50 transformers. 18 beyond sale. W to S&A Request shipment of transformers from Phila to St Washn 2217 2/20/23

AIRPLANE: RADIO

Number.	Date.	From or To	Subject.
347128	9:9	West Elec Co	Fwds detailed drawings of radio tel transmitters and receiving sets with two stations interphones. W
347998	SEE CARD 76		
347169	9:10	International Radio Co	Airplane transmitter; req additional info for two letters. W
334040	9/10	To S&A	States that apparatus covered by ref (a) is being supplied by this B. under ref. (b) & (c). W To Insp & G-3 Repts that shipment reqt of 9-10 be amended 12-28
342510	9/10	To S&A To Insp & G-3 req info when shipment be made 7/30	Repts. shipt. of radio apparatus from Wash. to & for Wash. To S&A fwd lettr Sig Cop 8/9 under cog of 7/14 To S&A fwd enclosures 7/25
344040	9/10	To S&A	Repts. shipt. of radio apparatus from Schenectady to & for Wash. W
346154	9/11	To Western Elec. Co.	Repts. to furnish drawings of Nav. type communication radio. W.E. Co. Oct. 15 Reports finding prints to Army W
346914	9/12	To Cutt & Wash.	Repts. det 11 drawings of base brackets. W C&W Fwds print of base brackets. 9:19
347342	9/13	To S&A	Repts. shipt. of radio apparatus from Brook. to & to Intern. Tel. Co. W R. B. Oct. 17
347345	9/13	To S&A	Repts. shipt. of radio apparatus from Brook. to & to Insp & G-3 shipment authorized 11-6
347370	9/12	To S&A	Repts. shipt. of radio apparatus from Brook. to & to Insp & G-3 shipment authorized 11-6 received back 9:30

AIRPLANES: RADIO

Number.	Date.	From or To	Subject.
348419	9:13	Williard Storage Boat Co	Fwds additional list of personnel. Williard Storage Battery Co- Gives additional names of men. 9:25 Williard Storage Boat Co- Sub additional names. 10:3
347341	9/14	To S&A	Repts. shipt. of radio apparatus from Gloucester to Cape May for Air Sta. W
348314	9/27	Hampton Roads	Sub report of ship 10/10 to Air Sta. W 718
347337	9/17	To Air Sta. Chatham	Authorized allowance of aircraft. Radio repair & install. material. W
348751	9/17	To Air Sta. H. Rds. Norfolk	Repts. weekly report re-operation of rad. apparatus on aircraft. W Hampton Rds- Fwds report. W 9:28
349291	9/18	To S&A	Repts. shipt. of radio apparatus from Gloucester for stock. W P.O. Simon Sept. 27 Submits invoice
350103	9:16	Cape May	Fwds report, maintenance, and operation aircraft apparatus. W
350248	9:16	Chatham	Weekly report. W
349606	9/16	To S&A	Air to ship shipt. transd. W
347341	11:1	CE	To collect shipment.

~~DUPLICATE~~

4-3381

Number.	Date.	From or To—	Subject.
519197	FROM OTHER SIDE		
	Hampton Roads - 4/29 - W		San Diego 2-1 Weekly report
	8th Dist - 4/28 - W		Cape May- Weekly report 2:9
	8th Dist - 5/4 - W		Hampton Roads - Weekly report 2:8
	Rockaway - 5/8 - W		Chatham-Weekly report 2:10
	Cape May - 5/10 - W		To CAR- request prints be fwd showing bottom top and side view of C type dirigibles 2-27
			Miami 2/28 fwsd radio report -
			Rockaway- 2:28 Weekly report.
			San Diego-Fwsd weekly report 3:1
			Rockaway-Weekly report 3:7
			Chatham 3-3 Weekly report -
			To Air Stations- fwsd reports 3-13
			4th Dist - 3:15
			Pensac- 3:15
			To Rockaway Beach 3-20 requ weekly reports be submitted in duplicate.
			Chatham-Weekly report 3:24
			Hampton Roads-Weekly report 3:24
			Cape May 3:22
			Rockaway Beach 3:27
			Montark- 3:31
	Cape May-		Fwsd weekly report. 3:29
			Akron 4/15
			To Miami- info req installn removed 6/24
			To Cape May- request disposition of receiver shown waiting for survey letter of 7/14 7/25
			Rockaway Beach-9:9
			Anacostia 9-8
			Chatham 9-8
			To Coco Solo- req copy of photo 9/12
			Cape May - 3/15
			Coco Solo - 3/16
			San Diego - 3/13
			Pacific Air Detachment - 3/13
			Pacific Air Detachment - 3/13
			Pacific Air Detachment - 3/13
			Cape May Air Sta - 4/12 - W
			San Diego - 4/30 - W
			Fwsd C Pensacola 11/11

Number.	Date.	From or To -	Subject.
345105	9:4	C&R	Req information as to design and location of wireless equip, operators bench and shelf on 8-5 fl, in; locat.
345463	9:5	C&R	Req make some arrangements that radio com can be maintained during test flights between twin engine terminal Akron and Akron flying field. W To - Asks to be informed when a flight is made by Twin Engine Dirigible. 9/7 C&R- First flight of t in dirigibles. W 9:12 C&R-9:26
345474	9:24 9:5	Louchead Aircraft Co C&R	are not ordering material for inst. II of wireless H3-3 boat some not specified in contract 3469 W Rad. Operations. 9/7
318197		See card 56	To Miami. Repts. weekly report. 9/6
doc C&R 71		Reqs - Weekly report on aircraft To Miami - Repts. weekly report. 9/6	To San Diego. Repts. weekly report. 9/6
344042	9/6	To S&A	Reqs - Weekly report fwd. 9/9 Rockaway - Repts. weekly report 9:14 Key Test Shore - Repts. weekly report 9:14 Key Test Shipments of radio apparatus from Brook. 9:14 Shipment order dated 9/26 R. B. 10/14
344486	9/6	To Adams-Morgan Co.	Gives list of requis. in preparation. W
344496	9/6	To In/ter Rad. T. Co.	Reqs. drawings. W

N.S.E. Form 174.

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
✓ 345499	9/7	To Insp. Brook.	Reqtd. that inspection of sets be passed without motor generator. W
340537	9/9	To S&A	Repts. shipt. of radio apparatus from Rock- away Co & for Sperry Gyroscopic Co. W
See CARD 67.			
345497	9/9	To Dir. of Inspect. (T)	Asks ho to get in touch wit Capt. Vivyan. W Kerion-lives Captain Vivyan's address. 9/7 Major Pollyblank. Fort Wayne, reply in 11/17 9:14
✓ 346252	9:6	Marconi Co	Asks if can furnish instruction books to students assigned to their work. 4 instruction books at Marconi. 9/12
✓ 346017	9:6	Hampton Roads	Cracker-Messler compass for aircraft equip, fwd report on test.
✓ 346030	9:6	Sperry Co	Constant speed fan for driven aviation generator. fws prints. W
✓ 346662	9:9	Marconi Co	Requests authority to divert two sets for Army order 2913 to Signal Corps. 11/13 Marconi Co -Req bureau advise War Dept of change 9:17

AIRPLANES: RADIO

Number.	Date.	From or To-	Subject.
✓ 342501	8/30	To CO Rockaway	Representative author. to visit sta. W
342668	8/30	To Western Elec. Co.	Impossible for representative to visit Nav. Air Sta. W
342669	8/30	To Co Air Sta. Norfolk.	Repts. recom. be fwd. re most durable type of airp. antenna wire for standard.. W
✓ 342681 CARD 77 Carconi Co.	8/30 10/7	To Marconi. partition rec'd G.E.Co.	Repts. # of pliatrons on hand & # nec. for testing. W
✓ 343394	9/3	To S&A	Repts. shipt. of radio material from Wash. to Newark for ARKANSAS. W
✓ 343432	9/3	To Air Sta. W.Rds. to Int'l Radio Telegraph. authorizes Kroger report radio laboratory. 10-9	Repts. permission for flight tests on flying boats. W
343694	8:31	G L Martin Co	to visit radio laboratory, 10-9 To G.M. authorizing Kinney and Payne to proceed to radio laboratory. 10-9 Asks when McCullough can return to Wash. to make radio test. W
✓ 343435	9/3	To Airc. Production Bd.	States that receiver described will no longer supplied as stand. eqipt. W
✓ 344037	9/3	To Sims. (T)	Re British flying boat practice & radio eqipt. W
✓ 303861		See CARD 49 To Insp. Brook. 4:29 To Brook-transfer of two men.	Sims-Copy 4271-arrangements corrected. W 9:7 To Insp. Brook. States that orders have been recd. for assign Hathaway to report to Insp. Eng. at. 9/4 Insp. Brooklyn - 9:3

N.S.E. Form 134.

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 343437	9/4	To Nat. Elec. S. Co.	Drawing encl. for information. W
344039	9/4	To S&A	Reqs. shipt. of radio apparatus from Brook. to OO for Akron. W received back 9:16
342510 see card 146			
✓ 344151	8:31	Lalley Elec Corp	Sub quotations on gas driven generator set equip with charging panel. Lalley Co- is for prints. W 9:8
✓ 314968	8:35	War Industry	Airplane radio tel trans sets, req report on troubles experienced with and sub rec for overcoming.
✓ 343431	9/3	To Inter. R.T.Co.	Author. to visit Air sta. Norfolk. 9/5. W
343436	9/5	To Inter. R.T.Co.	Fwd. drawing. W
344484	9/5	To S&A	Reqs. shipt. of radio material from Glou- cester to & for Building. W To Gloucester. Gives instructions for disposition for part. Fwd. 9/6 Gloucester- submits report. W 9:16

4 -3351

44-11-103: 7 DIO

Number.	Date.	From or To—	Subject.
337057	8:21	Insp'r Cleveland	Sends to Cld Number
340537	8:20	Sperry Co	Reqt loan for 1/2 kw Simon gap airline radio set for test of radio apparatus. To— States that Com. 3rd. Dist. has be rec'd. to autho. erect. & use of antenna. 9/3
341329	8:16	Sims Copy 3009 See Card 65	Lt Youdan left England for Washington with Sims Copy 5460 Reqt take step to prevent publica- tion of information 9:25 Sims Oct. 17 Copy 7194 - asks whether transmitting set will be fwd. W
341329	8:12 8:23	Insp'r Frederick Wheeler Insp'r Brooklyn	Sims Copy 2239 - Sug substitution of 3 stage high frequency amplifier. 8:3 W 1/2 kw Airline set for fwd. Inspec criti- cisms, Navy type CR 906 7
342257	8:23	War Dept	Reqt production of 100 transmitters sets and spares be discontinued. W To— Repts. that order 40415 be cancelled. 9/4
342503	8/30	To Warf.	Repts. information re test installation of transmitting set. W Hanton Roads 9:3
342582	8/31	To Nav. Avia. Detach. Akron.	Re installation of Apparatus in Twin-engine Dirigible. 8/31

Number.	Date.	From or To—	Subject.
✓ 339081	8:15	E J Simon Co	Copy of letter to Inspr Brooklyn, fwd's print of boat radio transmitter.
~~339081~~	~~8/15~~	~~E J Simon Co~~	~~Copy of letter to Inspr Brooklyn, fwd's print of boat radio transmitter.~~
✓ 339476	8/16	Cd. Insp. NY TO	1/2 copy of letter to Inspr Brooklyn, fwd's print of boat radio transmitter.
✓			Fwd 17th received back 9:24
✓			To S&A Rqsta amending of shipt order 11-15
✓			To S&A Rqst shipt radio apparatus Brook cancelled 9-30
✓			To S&A Rqsts. shipt. of rad. apparatus from Brook. to Rockaway for airstn. 9/5 To Insp. Brook Return of corrected copies. 9/25

Number.	Date.	From or To—	Subject.
✓ 74100	7/19	To SIA	...
✓ 74101	7/19	To SIA	...
✓ 74102	7/19	To SIA	...
✓ 74103	7/19	To SIA	...
✓ 74104	7/19	To SIA	...
✓ 74105	7/19	To SIA	...
✓ 74106	7/19	To SIA	...
✓ 74107	7/19	To SIA	...
✓ 74108	7/19	To SIA	...
✓ 74109	7/19	To SIA	...
✓ 74110	7/19	To SIA	...
✓ 74111	7/19	To SIA	...
✓ 74112	7/19	To SIA	...
✓ 74113	7/19	To SIA	...
✓ 74114	7/19	To SIA	...
✓ 74115	7/19	To SIA	...
✓ 74116	7/19	To SIA	...
✓ 74117	7/19	To SIA	...
✓ 74118	7/19	To SIA	...
✓ 74119	7/19	To SIA	...
✓ 74120	7/19	To SIA	...
✓ 74121	7/19	To SIA	...
✓ 74122	7/19	To SIA	...
✓ 74123	7/19	To SIA	...
✓ 74124	7/19	To SIA	...
✓ 74125	7/19	To SIA	...
✓ 74126	7/19	To SIA	...
✓ 74127	7/19	To SIA	...
✓ 74128	7/19	To SIA	...
✓ 74129	7/19	To SIA	...
✓ 74130	7/19	To SIA	...
✓ 74131	7/19	To SIA	...
✓ 74132	7/19	To SIA	...
✓ 74133	7/19	To SIA	...
✓ 74134	7/19	To SIA	...
✓ 74135	7/19	To SIA	...
✓ 74136	7/19	To SIA	...
✓ 74137	7/19	To SIA	...
✓ 74138	7/19	To SIA	...
✓ 74139	7/19	To SIA	...
✓ 74140	7/19	To SIA	...
✓ 74141	7/19	To SIA	...
✓ 74142	7/19	To SIA	...
✓ 74143	7/19	To SIA	...
✓ 74144	7/19	To SIA	...
✓ 74145	7/19	To SIA	...
✓ 74146	7/19	To SIA	...
✓ 74147	7/19	To SIA	...
✓ 74148	7/19	To SIA	...
✓ 74149	7/19	To SIA	...
✓ 74150	7/19	To SIA	...
✓ 74151	7/19	To SIA	...
✓ 74152	7/19	To SIA	...
✓ 74153	7/19	To SIA	...
✓ 74154	7/19	To SIA	...
✓ 74155	7/19	To SIA	...
✓ 74156	7/19	To SIA	...
✓ 74157	7/19	To SIA	...
✓ 74158	7/19	To SIA	...
✓ 74159	7/19	To SIA	...
✓ 74160	7/19	To SIA	...
✓ 74161	7/19	To SIA	...
✓ 74162	7/19	To SIA	...
✓ 74163	7/19	To SIA	...
✓ 74164	7/19	To SIA	...
✓ 74165	7/19	To SIA	...
✓ 74166	7/19	To SIA	...
✓ 74167	7/19	To SIA	...
✓ 74168	7/19	To SIA	...
✓ 74169	7/19	To SIA	...
✓ 74170	7/19	To SIA	...
✓ 74171	7/19	To SIA	...
✓ 74172	7/19	To SIA	...
✓ 74173	7/19	To SIA	...
✓ 74174	7/19	To SIA	...
✓ 74175	7/19	To SIA	...
✓ 74176	7/19	To SIA	...
✓ 74177	7/19	To SIA	...
✓ 74178	7/19	To SIA	...
✓ 74179	7/19	To SIA	...
✓ 74180	7/19	To SIA	...
✓ 74181	7/19	To SIA	...
✓ 74182	7/19	To SIA	...
✓ 74183	7/19	To SIA	...
✓ 74184	7/19	To SIA	...
✓ 74185	7/19	To SIA	...
✓ 74186	7/19	To SIA	...
✓ 74187	7/19	To SIA	...
✓ 74188	7/19	To SIA	...
✓ 74189	7/19	To SIA	...
✓ 74190	7/19	To SIA	...
✓ 74191	7/19	To SIA	...
✓ 74192	7/19	To SIA	...
✓ 74193	7/19	To SIA	...
✓ 74194	7/19	To SIA	...
✓ 74195	7/19	To SIA	...
✓ 74196	7/19	To SIA	...
✓ 74197	7/19	To SIA	...
✓ 74198	7/19	To SIA	...
✓ 74199	7/19	To SIA	...

AIRPLANE RADIO

Number.	Date.	From or To-	Subject.
✓ 336287	8:9	Hampton Roads	Reports on 500 watt wind driven sets submitted by International Radio Co.
	7/1		To S&A Rqst cancellation ship order 11-13
			received back 9:24
			ens. material received 9:8
337200	8:13	C&R	Radio Transmitter Foundation for H 16 Flying Pod C&R 10-11 To C&R Re inter-connection of brace wires on Flying Boats 10/26
✓ 337323	8:12	H C Co	Full copy of report of test made by Bureau of Standards 1200 watt fan driven airplane transmitter for use in connection with radio transmitter.
337798	11:21	Eliminant Order	Old Blank r
~~337798~~	8:14	Phila	Dies for mfg parts of Standard switch, fuds prints and reqst authority to mfg.
		<u>WRONG ENTRY</u>	

Number.	Date.	From or To—	Subject.
✓ 33430	1/5	To S&A	Shipment order 8:6 received back 8:10
✓ 33431	1/5	To S&A. L. L. L. V. 632	
✓ 33432	1/5	Ed. 3rd. dist.	
✓ 33435	2/5	To S&A	Received back 9:18
✓ 33437	1/5	To S&A	
✓ 33439	1/5	To S&A	
✓ 33439	1/5	To Inter. S. S. Co.	
✓ 33440	2/5	To S&A	Received back 9:30
✓ 33441	1/5	To S&A	
✓ 33444	5:3	Washington	Radio resumption on airplane, report on

APPL 133: 2.510

Number.	Date.	From or To-	Subject.
✓ 334426	8:3	West Elec Co	Encls copy of correspondence with Craft in connection with airplane radio phone transmitter sets etc. sub plans of work in connection with.
✓ 335647	8:2	Communication	Copy of endorsement realltive to training personnel. DA
329932	7/23	Pearl Harbor	Tel Oahu East auth to instal radio set for comm unication with airplane in coast artillery fire. 852
✓ 336977	8:13	Sims Copy 2755	Request expedite radio apparatus as much as possible. W
336978	7/15	To H. H. H.	Request expedite radio apparatus as much as possible. W
336979	7/15	O. I. H.	Request expedite radio apparatus as much as possible. W
336980	7/15	To H. H. H.	Request expedite radio apparatus as much as possible. W

Number.	Date.	From or To—	Subject.
✓ 331979	7:25	War Dept	Cannot transfer radio generator on order, are at present urgently needed by army.
331979	7:26	Nav 1 Communication	Fwds report of Montark.
✓ 331361	7:18	War Dept	Recontinue use of Simon airplane tel sets
✓ 317620	7/31	To Inter. Rad. Tel. Co.	Fwds. drawings of aircraft antenna reel type 3E12-99W To Inter. Rad. Tel. Co. 7/1
✓ 330881	7/31	To Catt. & Wash.	Asks that 1 set of instruct. be included with each shipment of transmitters. Cattling & Washington - 8:6
✓ 331040	8/1	To 14th. Dist.	To 14th. Dist. on re-ordered for testing at 14th. Dist.
✓ 331047	8/1	To 20th. Dist.	20th. Dist. will visit 14th. Dist. Chatham-Fwds weekly report.

AIRPLANES; RADIO

Number.	Date.	From or To—	Subject.
533332	7:30	Pennacola	Fwds copy of correspondence, reqst copy of report entitled specifications for radio airplane equip. W
333571	7:3	Marconi Co	Fwds copy of shipping list of flying boats radio transmitters. W
333914	8:2	Internation. R. T. Co	Fwds print of duplication of radio transmitter showing connection. W
333667	5:7	Cutting & Washington	Sub schedule of shipment of generators for airplanes sets from Crocker Wheeler Co W
333983	8:2	Insp. Curtiss	Confirms tel conversation in connection with whom should be consulted relative to contract and requisition covering magnetos and radio attachment W
333910	7	To Asst. Dir. O.P.	Re: tel. conv. of 10/10/22 to Insp.

JUL 10 1918

Number.	Date.	From or To--	Subject.
330017	7/25	To <u>Ant. Elec. Co.</u>	Confirming tel. conversation of 7/24 Re: <u>Ant. Elec. Co.</u> asks serial number to <u>Ant. Elec. Co.</u> 7/24 West Elec. Co. 7/24 10- ~~100~~ (1) Serial #s tel. sets are 1-100.W
330246	7:24	<u>Marconi Co</u>	Re: specific information in connection with shore plugs to be connected with bat. W To <u>Marconi Co.</u> 7/24 Cable, <u>Marconi Co.</u> 7/24
330626	7:24	<u>West Elec Co</u>	States Mr J Ling expects to complete 100 mile airplane radio equip by Aug 31st. To <u>West Elec Co.</u> 7/24 Cable, <u>West Elec Co.</u> 7/24
330623	7:23	<u>Dept</u>	States dirigibles should not be permitted to leave on overseas flight without radio for work ordered. W
330737	7:26	<u>C&R</u>	Instal to accommodate T T operator and set on H - 16 flying boat, fwd's prints. W
330777	7:26	<u>E J Simon Co</u>	Re: order covering 50 mark 1 propellers in replacement of radio sets shipped to Inter- national T T Co. W

Number.	Date.	From or To—	Subject.
✓ 327789	7:17	International Radio Tel	Copy of letter to Adams Co regards to omission of certain holes in insulation for aircraft radio.
✓ 323989	7/19	To S&A	Radio material for Air Sta abroad. letter of July 16th. was enclosed copies of all shipment orders for Radio Station abroad. S&A reply to Admiral Sims cable. 1223 7/19 735
327599	7/19	To Wash.	Rad. descript. in duplicate of circ. rec'd. & cont. have to adv. received back 8:14
327161	7/20	To S&A	Re: ship. of Cd. pilotron tubes from Brook. to Lovell Park for Insp. Marconi. Insp. Brooklyn - General ref to letter 7:16 7:24
328167	7/20	To CC Key West.	... of instruct. for aircraft rad. transmitter. West Elec Co 7:26
328168	7/20	To S&A	Re aircraft radio and E. for C. Archi night bombing cap. adron.
327916	7/22	To Insp. Brook. (T)	Re: to edit del. of rad. transmitter
✓ 328576	7/22	To Eastern E. Co.	Ask. when ship. of apparatus commences & date of completion. W
✓ 328263	7:18	E J Simon	Finds inspec books of negatives for aircraft radio receiving contract 35238. To ask. rec'd. of instruct. Book. 7/23

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
328713	7:19	C&R	Copy of shipment order covering telescopic mast from Boston to aircraft factory.
✓ 328771	7:20	E J Simon Co.	Sends negatives of k w airplane radio set. W
✓ 328974	7/23	To Crocker-Wheeler Co.	Desires to have del. of mail generators made to W. Radio. W Crocker Wheeler Co - Report on status of order for radio generators. Gross to 382 - 3 7:31
✓ 328975	7/23	To E. P. Bush, A. Production	Re: to deliver. Will endeavor to supply. Inter. Rad. Del. - 1st C & R of generator. 1
328979	7/23	To W. V. Radio Factory	Will deliver. Radio apparatus for aircraft factory 3:1
9/20. 9/4		To Phila. Rad. apparatus will arrive	Will deliver. Radio apparatus for aircraft factory 3:1
329030	7:27	1st Dist	Copy. Dir. 1155 A 2:18 from Chatham partially equipped with radio apparatus. W
329267	7/25	To Gen. Chatham	Will deliver. Radio apparatus for install. 1
329272	7/25	To Gen. Chatham	Will deliver. Radio apparatus for install. 1
329272	7/25	To Gen. Chatham	Will deliver. Radio apparatus for install. 1

AIRPLANES: RADIO

Number.	Date.	From or To -	Subject.
326191	7:10 7:10	Insp. Coll. a Point Insp. Keyport	Test generator be mounted on wing HS - 1 boat for use as Jig.
326025	7:12 7:13	Cape May Dept	Tel: Request instruction in connection with discontinue of use of airplane transmitters. W Cape May - Permission to remove Simon airplane transmitters. W 7:12
325121	7/13	To Cape May Montauk - 3:27 P.M. report Montauk - 1st weekly report 9:14 Montauk - 2nd weekly report 9:17 Montauk - 3rd weekly report 9:19 Montauk - 4th weekly report 9:21	To Montauk, re weekly report on aviation 10-2 Re: 1st weekly report as to 3rd weekly & operation of Simon airplane r.d. transmitters. W Cape May 7:17 Montauk - 1st weekly report 7:31 Montauk - Submits weekly report 8:6 Montauk - 2nd weekly report Re installation and use of Aircraft Radio Apparatus. W
325122	7/13	Montauk - Submits report W	
325123	7/13	To Chatham	Re installation and use of aircraft radio apparatus. W Chatham 7:15
325125	7/15	To Y&D To Comd. H. Rds. Mont. Fwd. copy of let. from Y&D re space for L.B. 7/15	Re reservation of space for Aircraft Radio laboratory in proposed bldg. at H. Rds. W Y&D 7:22
325126	7/15	To CO Miami	Returns drawings & descripts. of generator & motor commenting on same. W

111 0470 61

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 326492	7:12	Wireless Imp Co.	Fwds prints showing type number, name plate proposed for airplane radio sets. W To— type plates can be mounted in the covers of shipping cases. 7/19
299871	7/17	To S&A	Repts. shipt. of radio apparatus from Wash. be cancelled. W
325644	7/17	To Marconi	Same type number will apply for strut & wing fittings. W
326915	7/17	To S&A	Repts. shipt. of radio apparatus from Wash. to Wash. for Aircr. Sect. Shipment order 7:17 received back 7:19
✓ 326922	7/17	To Opera. via Nav.Com.	Re training of personnel for aircraft radio. W 28-11-17 11:00 AM 10-11-17 11:00 AM 10-11-17 11:00 AM
✓ 327150	7/17	To GE Co.	Author. to proceed to Radio Laboratory with sample for tests. W
✓ 327151	7/17	To Inter. Rad. Tel. Co.	Same as above.
✓ 327036	7:16	Marconi Co	TEL: Supply for airplanes for testing airplanes exhausted, request action. W

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
323320	6:28 7:8	Chatham Department	Submits report of installation of radio apparatus on dirigibles. W
324236	7:8	Hampton Roads	Fwds copy of letter 6:27 submitting report on <u>Simon</u> airplane radio transmitters. W
322475	7/3	To Inter.Rad.T.Co.	States prei ring requis. for rad.transmitters.W International Radio Co - 7:11
		Copy of letter to Key West stating bureau is fwd instruc. to cover instal. of transmitters. W	To---- Asks for specificat. For a vibr tion test as given to airplane apparatus developed by you. 7/15 International R. Co - feds de- scrip of test given to radio transmitters 8:6
322476	7/3	To GE Co.	States have decided to standardize on use of battery type C 6555 in aircraft rad.apparatus. where a type C 6555 in rad. W To Amer. E. B. Wks. Author. to ship to GE batt- eries. 7/3 To Amer. E. B. Wks. Author. to ship to G.Rad.Co. To Amer. E. B. Wks. Author. to ship to Marconi batteries. 7/3
323854	7/9	To S&A	Reqs. shipt. of radio apparatus to Inter. R.Tel.Co. from Brook. to Brook. W Shipment order 7:9 received back 8:13
323855	7/9	To S&A	Reqs. shipt. of radio apparatus to Phila. from Brook. to Phila. To S&A Reqs. shipt. of rad. apparatus be amended. 9/3 To Phila. Re shipts. of radio apparatus. 9/9

✓

Number.	Date.	From or To-	Subject.	
324775	7/8	Post Office Dept	Submits report on error made in dispatching mail service for month of June	C35
324488	7/11	To S&A	Repts. shipment of radio apparatus from Wash. to ML for Exper. Station. W Shipment order 7;13 received back 8;2	
325564	7;9	Marconi Company	Strut on wing fittings, instal. antenna on H 12 and 16 class, have completed new design. W	
325453	8/1	To Dept	Instln of radio on dirigibles at Pensa-Radio phone set will be available abt Aug 15th	736
325633	7;1	Crocker Wheeler Co	Asks if shall secure new type #1 1/2 kw airplane generators. W to be used for power for plane should be used, viz, CP955. 7/19	
325609	7;11	E J Simon Co	Sends print of 1/2 kw airplane set. W	
325719	7;9	E J Simon & Co	Reports on development of high power light	
To Simon. Re tests of transmitters. 8/20			light airplane transmitter set.	
325071	7-12	To Insp. Keyport	Aeromarine ground wire- in re to report that ground wire is unsatisfactory at Bayshore.	756

AIRPLANES : RADIO

Number.	Date.	From or To—	Subject.
324482	10/10	S.D. SEE DUPLICATE 58	- Ask if Larceni transmitters may be installed in E-5-A boats To San Diego- Above type no longer is used for service use - may install 6 sets if considered practicable 10-28

AIR LINES : RADIO

Number.	Date.	From or To	Subject
✓ 322813	7/5	To Exp.Sch. NL	States that type CBG 3535 batteries to be used in place of type 763. 7/5
322814	7/5	To Chatham	Reqs. that Simon's representative be assisted in instruct.& install. K. " To ~~-----~~ Cancels Bu let of 7-5th 11-30
✓ 323197	7:3	Multiple Storage Battery Co	Reqs. report on aviation battery delivered to Hampton Roads on test of radio set. W To ~~-----~~ Batteries tested & not satisf. 7/10 Reqs. shipment of batteries back to plant. 7:11 To Norf. Reqs. that batteries be ret'd. to factory. 7/18
✓ 323166	6:29 7:3	Rockaway Department	Submits report of radio installation made at station. W
✓ 320925	7:1	Marconie Co	States that tubes were broken when received at New London W Marconie Co 7:6

AIRPLANES: RADIO

Number.	Date.	From or To	Subject.
322845	7:2	E J Simon	Fwds various negatives for radio sets.
323170	7:2	Cutting & Washington	Crocker Wheeler Co advises that sheet for their radio set will be delayed some weeks. W
323834	7:2	G L Martin Co.	Transmitting and receiving radio set completed. asks if desire demonstration of.
To	No samples rec'd. 9/6		To Rafts. their representative stop at Wash. 7/10
			G L Martin Co - 7:23
			To Will inspect apparatus when submitted 7/7.
324093	7:6	Copeley Mfg Co.	1/2 k w unite will be ready for test 7/11/ reqst representative be present for. W
324081	7:4	Hampton Roads	Submits report of wireless tel. test on dirigibles 238 held 6:28 W
324482	7/10	To CO Air Stations	No Simon transmitters will be installed
To Montauk (T)			for operation in airplanes. W
author. to continue use Simon transmitter			To Key West. No Simon type airplane
except as outlined. 7/12			transmitters will be installed. 7/11
To Cape May. same as above 7/12			
To Rockaway Beach, same as above 7/12			
			(over) Sense Fwds quot of instal of Simon

AIRPLINES: R'DIO. ✓

Number.	Date.	From or To—	Subject.
✓ 320730	6/28	To Air Sta. Norf.	Civilians not allowed to visit Laboratory. W
✓ 320925	6/28	To Marconi	Calls attention that both power tubes with the airplane transmitter shipped to ML were broken when rec'd. W
320929	6/28	To Operations	Quotes extract from report made by Ensign Esterly re test of radio apparatus. W
322118	6/28	?	Report on radio installation at station/
✓ 322231	6/27	Hampton Roads	Sub. report on performance of type C E 615 airplane radio transmitter mfg. by C I Simon. W
✓ 322279	6/29	C E CO ✓	Request assistance in obtaining delivery of copy order from American Brass Co for airplane sets. ✓

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 321075	6;26	E J Simon	Fwds copy of prints covering one arc k-w airplane set parts. W
✓ 321261	6;26	G E Company	Fwds list of shipments of type P pliotrons. Reqst requisition be made covering. W
✓ 321268	6;26	G E Company	10 large sea planes and 100 small tel. sets. fwds list of material required and reqst bureau secure certificate. W
✓ 321726	6;26	J Simon	Fwds vandykes of drawings listed. W
321835	6;30	Sims Copy 395	Army does not put radio set work with artillery observance plane under evasion organization asks if bureau will ship. W To Ord. Quotes reply to be sent to Sims. 7/11

AIRPLANES : RADIO.

Number.	Date.	From or To—	Subject.
320406	6:24	Inspr Goodyear	Copy of letter to Rockaway asking if radio generators shipped Jan 29th from Goodrich Company has been received. W
19536	6:32	Department	Calls attention to urgent necessity of installation of radio and points out case where loss at sea could have been saved by radio. W
1	1	To SMI	New London Base - Request disposition of material. 7:3 New London Base. 11:19 To SSM - Repts shipment from Sub Base Conn to Nav Esp Station N Lon - 1 SE1100 Flying Boat radio transmitter 11-30
✓ 321201	6:15	Simon	Report Fwd. Sample of 7 step amplifier. W
✓ 321058	6:26	E J Simon	Received a large number of watt meters from Roller Smith Co. which failed during test. recommends bureau take up matter with Roller Smith. W
320729	6/28	To Air Sta. Norf.	Reqs. report re Simon set. W

Number.	Date.	From or To--	Subject.
25 2	17	7-21	Received back 7:15
318554	5-5	War Dept	Will transfer 50 airplane sets on order International Radio Co.
11 5	7/10	7-11	Repts. sh. t. 30 7-10 11-10 10-10 10-10
11	7/11	7-11	received back 5:27 Shipment order paid 5:19
11 11	7/11	7-11	11-11 11-11 11-11 11-11 11-11
✓ 318639	6:19	Roller Smith Co.	Dynamometer and wattmeters which they are furnishing Simon & Nelson Improvement Co. asks for further requirements in connection with airplane radio sets. to Roller-Smith Co. in reg. to arrive

: 110

Number.	Date.	From or To	Subject.
✓ 319243	10/18	Rockaway - Weekly report 3:10 Pensacola - Request expedite material and infor. on connection with radio cannons. 7:31 Rockaway 3:24 Wk Rep Pens - Report aircraft radio apparatus. 3:24	H. S. L. in C. Co. (T) Goodrich Company - Shipment made. W Cape May - Submits report 7:14 Rockaway Beach Air Station 7:17 Pens. 3:10 Rockaway - Submits report 7:24 Pens-Sub weekly Penna. Submits weekly report. Report 3:17 Rockaway - Submits weekly report. Rockaway - 8:18 Sub weekly report.
319243	10/18	Boston	Submits estimate.
✓ 319016	6:20	R J Simon	Copy of letter to Phila. Fwds copy of letter to Phila stating that airplane transmitter inspected and found satisfactory and were consigned Inspr Bath - Copy of letter to Phila stating transmitters inspected at factory. W 7:3
✓ 318197	10/7	SEE CARD 168 1777 Submits summary of operations	Montawk-Pensco. 10/5 Submits weekly report
See 69 CARD To 69 To 69	7/12 7/13 7/13	To Rockaway Beach. Re installation & use of aircraft radio apparatus. 7/12 To Miami. Same as above. 7/13 To Bay Shore. Same as above. 7/13 Pens - Fwds report on instal. on H-12 7:22 Montawk Sub report 7:23 Key West - Sub report of test. 8:28	Cape May Air Station 6:26 K W - No change in sets To Montawk. Re installation & use of aircraft radio apparatus. 7/12 Key West - Report of test. 7:23 Pensacola - Fwds weekly report 8:24 Wilson Lamp Works - Will commence shipment 7:6 Rockaway - Sub weekly report 3:31
✓ 319250	6/25	To Harvey Hubbell Inc. Harvey Hubbell Co 1:11	Asks to expedite del. of switches for Inter. Rad. Tel. Co. Request extension of time, gives reason. 6:27 RM Co-material awaiting inspection. 11:2
318199 Old Number	7:6	Cape May	Submits weekly report.

Number.	Date.	From or To—	Subject.
✓ 31552	7/11	To Int. Sec. 1/12	
✓ 315315	6/12	To E.J. Simon	States that 1st. of June 1917, 1917
✓ 316291	6-12	Copely Manufacturing Co	Sample power unit for seaplanes - request shipping instructions. W to city of Seattle. Representative will visit factory to inspect same. 6/17
315416	6/13	To CO Int. Sec.	States that 1st. of June 1917, 1917
✓ 316237	6/6	Galt & Washington Inc	In comm. notes and accepts a airplane sets. W
✓ 316238	6/10	Galt & Washington	San Francisco to Seattle, 1st. of June 1917, 1917

918 - AIRPLANES: RADIO

1918

Number.	Date.	From or To—	Subject.
> 316795	6-11	Hampton Roads	Reports on test of type C 2 1115 airplane transmitters. W
316870	6/12	E. J. Beach Supply Co	Ask John A. Beach, at Fairport, N.Y., to send early part of week. W
316848	6/12	Atl. tic. Dept	Re: what signs are to be used on C 2 1115 airplane. W
316175	6/12	?	Re: to C 2 1115 airplane, to be used on C 2 Co. Fwd's photographs. W 6:22
316959	6/12	Gutting & Madisonson	Standard radio transmitters for use on C 2 1115 airplane. W
316865	6/14	To 3-A	Re: to what of 1115 boat radio transmitter from 1115 to 1115. W
316866	6/14	To 3-A	Re: to what of 1115 boat radio transmitter from 1115 to 1115. W

[illegible]

Number.	Date.	From or To	Subject.
314423	6:5	Phila <u>VOID WRONG CARD</u>	Reqs audian controll box, West. Elec bulbs and Edison storage batteries be fwd. W
314390	2	Signal Corps	Airplane radio tel transmitter sets, 50 to be diverted to S & E. W
314465	6/8	Montauk T	Rest foundations for radio generator and radio s.t. for Curtis R-P seaplane. W To Montauk. Above will be shipped as soon as possible. 6/8/12
314004	6/5	GE Co ✓	Delivery of seaplane dynamotors - will proceed on basis of be sets by July 1st and 40 per week thereafter - To G. E. Co. Desired to you furnish starting switch and protective device-6-8
315088	6/8	G E I Co.	Requesting re name plate data on seaplane dynamotors. W To G. E. Co. Give name plate for dynamotors for flight records. 6/12

二

4-33b1

AIRCRAFT RADIO

(L' 918

Number.	Date.	From or To--	Subject.
✓ 311700	5-20	To C t ing Washington	Asks to expedite del. of generator. WIO
313494	5-22	TO SEA VOID	Request sent from Phila. To Liverpool for 20-000 lbs- 1000 lbs 3-4
309273	5/24	To Insprec Cincin	Contract 56458 construction 17 sets of auxiliary power & equipment for dirigibles- 911
✓ 311349	5-31	To Air Sta Hamp Rds	Authority granted for purchase of app as listed for training of personnel for service abroad W
311700	8-1	To Westinghouse	Asks to expedite del. of generator. WIO
✓ 312918	5-2 5-15	Nav 1 Aviation Force, European Force ✓	1st, French type of airplane radio sets 5 1st to 1000 lbs - comments on various types of.

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 309748	5-23	E J Simon	Fwds copy of drawings showing type number nameplate on contract 33259 W
✓ 309981	5-23	E J Simon	Reqs details of permanent inspection in connection with inspection of airplane transmitters. W
✓ 310572	5/24	E. J. Simon	Airplane antenna reel - copy of letter to Harf commenting on objections raised - W
✓ 310680	5-25	To Cutting & Washington	In re inspection radio apparatus - as outlined in letter of 15 May--W
✓ 310688	5-25	To Marconi Co-	1st fwd soon as possible a Marconi order covering antenna etc--W
✓ 309276	5-25	To Western Elec Co	Fwd copy letter 26 May--5-25 W
✓ 309978	5-25	Wireless Improvement Co-	Drawings for 3 airplanes on which four antennas will be installed are confidential. Wireless Improvement Co - 5/27 W

AIRCRAFT : RADIO

Number.	Date.	From or To-	Subject.	
310084	5-27	To T. Johnson Exp Radio Aid	Orders to proceed to Hamo Bds on temp duty in connection with radio test work	W
311022	5-24	✓ War Dept	3CR 75 airplane radio transmitter sets sent to Hampton Roads - request copy of test. W Elmer 5-29	
309175	5-23	Wireless Improvement	Cont 23360 covering airplane radio sets give report of condition of sets if. set of 100 of boxes of original dynamotors are - damaged in order to test conditions not originally contain- plated. W	
311290	5-27	Cutting & Washington	Request expedite action in deciding on type of insulation for airplane sets to be made by Adams Morgan Co. W	
311077	5/25	GE Co	Fort Wayne factory requests to proceed with manufacture two thousand dynamotors - request priority certificates - W	

918

4-2381

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 306409	5-15	To Internat'l Radio Tel.	Re furnishing the Bureau with quotation on 200 Airplane Radio Transmitters, W To G. E. Co. 5-15 5:20 Internat'l Radio Co. - submits quotations and recommendations 5-17 International R. T. Co 5:5 To-----
306455	5-15	To Norfolk,	Re test of Fan for 125 miles per hour as soon as possible so factory can start on same, W
306482	5-15	Chief Naval Operations	Re status of development of aircraft radio apparatus, W
✓ 306556	5-14	To Western Elec Co-	List apparatuses needed for important To Bell Elec Co- list standard radio To Westinghouse Co- list standard radio To E. I. Simon Co- Ditto--5-14 To Westinghouse Co- Ditto--5-14 To General Electric Co- Ditto--5-14 To Westinghouse Co- Ditto--5-14 To Westinghouse Co- Ditto--5-14
✓ 306758	5-14	American R & R Corp.	Small induction coil airplane transmitter fwd to Bureau upon completion of present test. W

Number.	Date.	From or To—	Subject.
✓ 307015	5:14	Crocker Wheeler Co.	Supply fan-driven airplanes generators for radio sets. W
✓ 307280	5:15	National Elec. Co.	Cannot deliver airplanes radio transmitter sets prior to June 15. Gives delivery sketch of apparatus from other concerns for W.
3 307290	5:16	Navy Communications	Fwds copy of interceptive letter from De Forester Co. to A Castilla Madrid in connection with the progress on radio apparatus. W Fwds Naval Communications E-18 to de Forest Radio Tel Co- in re above-E-18
✓ 308019	5/17	Phila Aircraft Fccty	Copy of ltr to C. S. R. Fwds prints of wireless operator seat and table in model E-16 flying boats. W
307626	5/14 Department 5:24	Dent.	Most three shore transmitting & receiving sets complete with spares should antenna be supplied to navy and marine air squadrons Phila in addition to other apparatus. 72C-1
307573	5-18 Department 5:24	To Air Stations	Installation of 11a, "C" on Dirigibles- Fwds ltr to C. S. R. Fwds To ditto- orders will be shipped to various stations and probable instalns will all be made by June 5, 1918. 5-22 18 Montauk 5:7
Case may - material necessary for installation on dirigibles. 5-24			

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
303843	5-6	To (T) Goodyear	Bu representative will arrive Akron B & O Thurs. morning to examine radio sets for dirigibles.—W
304524	5/7	Cutting & Washington	T-Advance payment absolutely necessary.W
304655	5/8	Cutting & Washington	Reqst info re make of and price of antenna insulator and lead out insulator for air plane sets.W To Marconi Wireless Telegraph, Roselle Park re wiring dwgs of Wing Fitting Insular developed at radio laboratory, Hampton Roads, 5-13 To Cutting & Washington, Stating Marconi Wireless Telegraph Co will furnish dwgs for wing insulator, 5-13 To Adams Morgan Co re Cutting & Washington mfging to the lead out insulator, 5-13
304682	5/8	Washington	FW's copy of acceptance test of Simon airplane receivers.W
304959	4/26	Gen Radio Co	Gen'l inq's—reports on development of requests test.W

AIRCRAFT: RADIO

918

Number.	Date.	From or To—	Subject.
✓ 302025	5-7	To Signal Corp	Fwd letter from Director of Purchases giving instructions (shipping) of seaplanes-W
✓ 303839	5-7	To E. J. Simon	Acknowledges letter of 5-3 to Lt Lavender on details using kite balloons to support wire for counter poise on dirigibles-W
303861	5-7	To Mass- To Brook. Re assignment of men to assist in inspection rad.mat. W 6/1	Radio-Tel-Aircraft Inspection of material-W To Insp'r Brook--Ditto-5-7 To --- Re starting of factory insptn of aircraft radio material--Officer from Mass. as to assist and inspire as necessary detailed 5-28 Insp'r Brooklyn - Request expidite detail of radio in- sp'ac. 5:20
See CARD 68. to Brook. 7/18 officers.	5-7	Inspr Brook 7:10 all supply deficiency of 7/18	Co- In re factory inspection of Airplane radio apparatus-- To E. J. Simon--Ditto-5-7 To Marconi Co--5-7 Ditto--5-7 To Cutter & Washington-- Ditto 5-7 E. J. Simon 5:10 Wireless Improvement Co 5/10. To Cutting & Washington, re test for Radio airplane apparatus at factory, stating no test will be required, 5-15
303868	5-7	To Wireless Improvement Cutting & Washington asks what test inst will make of radio airplane apparatus. 5:11	
		Marconi 5:16 W Cutting & Washington - 5/9	
✓ 305037	5-10	To A. H. Cohen A. H. Cohen - A. H. reply to test of tel. 11:5 To--in future all communication re above fwd to Mare is 11-23 to A is. in re above 11-23	In re test of telephone set-W A. H. Cohen must test require cuts of radio apparatus 5/1 Re 3d - 5:3 Re 1st - 5:10 Re 2nd - 5:10 Re 3rd - 5:10 Re 4th - 5:10 Re 5th - 5:10 Re 6th - 5:10 Re 7th - 5:10 Re 8th - 5:10 Re 9th - 5:10 Re 10th - 5:10 Re 11th - 5:10 Re 12th - 5:10 Re 13th - 5:10 Re 14th - 5:10 Re 15th - 5:10 Re 16th - 5:10 Re 17th - 5:10 Re 18th - 5:10 Re 19th - 5:10 Re 20th - 5:10 Re 21st - 5:10 Re 22nd - 5:10 Re 23rd - 5:10 Re 24th - 5:10 Re 25th - 5:10 Re 26th - 5:10 Re 27th - 5:10 Re 28th - 5:10 Re 29th - 5:10 Re 30th - 5:10 Re 31st - 5:10 Re 32nd - 5:10 Re 33rd - 5:10 Re 34th - 5:10 Re 35th - 5:10 Re 36th - 5:10 Re 37th - 5:10 Re 38th - 5:10 Re 39th - 5:10 Re 40th - 5:10 Re 41st - 5:10 Re 42nd - 5:10 Re 43rd - 5:10 Re 44th - 5:10 Re 45th - 5:10 Re 46th - 5:10 Re 47th - 5:10 Re 48th - 5:10 Re 49th - 5:10 Re 50th - 5:10 Re 51st - 5:10 Re 52nd - 5:10 Re 53rd - 5:10 Re 54th - 5:10 Re 55th - 5:10 Re 56th - 5:10 Re 57th - 5:10 Re 58th - 5:10 Re 59th - 5:10 Re 60th - 5:10 Re 61st - 5:10 Re 62nd - 5:10 Re 63rd - 5:10 Re 64th - 5:10 Re 65th - 5:10 Re 66th - 5:10 Re 67th - 5:10 Re 68th - 5:10 Re 69th - 5:10 Re 70th - 5:10 Re 71st - 5:10 Re 72nd - 5:10 Re 73rd - 5:10 Re 74th - 5:10 Re 75th - 5:10 Re 76th - 5:10 Re 77th - 5:10 Re 78th - 5:10 Re 79th - 5:10 Re 80th - 5:10 Re 81st - 5:10 Re 82nd - 5:10 Re 83rd - 5:10 Re 84th - 5:10 Re 85th - 5:10 Re 86th - 5:10 Re 87th - 5:10 Re 88th - 5:10 Re 89th - 5:10 Re 90th - 5:10 Re 91st - 5:10 Re 92nd - 5:10 Re 93rd - 5:10 Re 94th - 5:10 Re 95th - 5:10 Re 96th - 5:10 Re 97th - 5:10 Re 98th - 5:10 Re 99th - 5:10 Re 100th - 5:10

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
302925	4-30	War Dept	Have amended shipping instructions covering 100 transmitting sets and spare parts and gives new address.
✓ 303881	5-1	Crocker Wheeler Co	Asks what machine desired to manufacture for Voltec C. Lot. Co for airplanes. "To Crocker Wheeler Co- generator mfrd by Cutting and Wash ngtm set--54"
✓ 303381	5-3	H E Rawson T	Will arrive Norfolk Monday morning with airplane transmitters complete for test. "
303388	7:31	Shipment Order Fwd	Received back 8:28
✓ 303344	5-2	L S Brach Sup Co	Will fwd drawing showing modifications of aero wheels. "To L S Brach-Rqst fwd drawings soon as possible 54"
✓ 303665	5/3	Crocker Wheeler Co	Copy of letter to Marconi Co relative to dynamotor for airplanes. "

918 AIRPLANES- RADIO

Number.	Date.	From or To-	Subject.
✓ 303739	5/2	GE Co	Modified seaplane set completed - will retest in a few days. W To GEC Co- Date satisfactory--5-6 To Hamp Rds-Advising of above--5-6
✓ 303782	5/3	Marconi Co	Transmitters - have insufficient information to manufacture - proceeding with manufacture, however. W
✓ 303951	5/4	H C Co Hamp Rds-Advising of above--5-6	Request assistance in securing delivery of portable instruments from Weston Elec Instrument Co. W To Weston Elec Co. - Asks earliest date can make deliveries to H-C Co 5-9 Weston Elec Co. 5:22
✓ 303076	5-3	To (T) Marconi Co-	Bu desires representative Marconi Co preferably Mr Langley to be present at conference on radio transmitter at Lab Hamp Rds Sunday 5 May-1918-
✓ 304404	5/6	E J Simon	Fwds negatives of out line drawings and elevation of airplane transmitters with dimensions. W

AIRPLANES: RADIO.

Number.	Date.	From or To--	Subject.
300944	4-29	Nori	Request more information that given in telegram of the 29th. W To Lab. Rds-Return Cutting. Task set to contract soon as possible-n t.f. contractor bill of 1- in 4-27
301654	4-25	Cutting & Washington	To (T) Hamp Rds-Return cutting Wash airplane radio set to contractor soon as possible Notify contractor bill lading number 4-30 To Lab- In re distant control air station Key West-5-7 To Key West-Ditto-5-7 request return sample airplane set tested at Nori. W
301856	4-25	Washington	Feds copy inspection test of aero compass receiver submitted by National Elec Supply Co. W
302475	4-27	Boston Yd	Re magnetoes. W
300947	4-29	To Wash-	First Delco set returned to E Y Trant-W To Wash- Design of airplane compass receiver 4-29 Washington 5-20
300948	4-29	To General Radio Co (T)	Arrangements will be made to test your airplane radio transmitter May 1st-Lab Nori W

916 - AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 302737	4-30	Cutting & Washington	Contracts for airplane radio sets - request payments as listed. W
		Cutting & Washington TEL: -	Fwd S&A via Dept 5-9
		Request infor reapproval advance payments. 8:8	Insp. Mass - Asks status of payment. 8:8
		To Insp. Mass. Re advance payts. to Cutt.	Cutting & Washington 5:13
		Wash Co. 9/4	7:13 Request expedite payment
302732	4-23	Pensa	Cutting & Washington- Request infor advance pay W 7-27
	5-1	Dept	Installation of radio on dirigibles - request details of plans in connection with. W
			To Pensa- 5-3
✓ 302488	4/30	E. J. Simon	Fwds instrn booklets covering airplane radio transmitter type panel radio set - W
✓ 302483	4/30	E. J. Simon	Special radio equipment for type R 5 seaplanes - submits print showing proposed mounting fixture for airplane radio transmitter - W
			To E J Simon- 5-3
✓ 301587	4-30	To Signal Corps Army-	Rest to have loaned fro test one radio set (Airplane) W
			To Int Radio Tel Co-Will notify when test is made- 4-30
			War Dept - Stop manufacturing - are just starting with deliveries. W
✓ 302111	4-30	To Roller Smith Co-	Suggest that 100 wattmeters CAR 847 be built and kept in stock-W

✓ AIRPLANES: RADIO.

Number.	Date.	From or To--	Subject.
✓ 298979	4/20	To E.J.S imon	Reqt send airplane reels by messenger to Hampt Rds, reporting to Lab. W
298980	4/20	To Hampt Rds	Mounting for generator on HS-1. Fwds drawings in connection with. Reqt make sampl. W Hampton Roads fwds drawings of photograph of generator for airplane equipment on H S - I W 5:17
✓ 298981	4/22	Phone De F orest Co	Details of chemical plant, location of which near companies plant is objectionable. W DeForest Co 4-24
✓ 300397	4-22	E.J.Simon	1/2 kw airplane radio sets - fwds vandykes.W
✓ 300473	4-17 4-23	Department C&R	Directs steps be taken to install radio on C&R dirigibles and gives location of. To C&R re installation of Radio on dirigibles 5/13
✓ 300771	4-23	E.J.Simon	Requisition 580 - fwds revised negatives.W
✓ 300893	4/25	GE Co T	Dynamometer for seaplane-expect to complete model of new design by May 2nd. W

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
298224	4-13	NY	Asks how to charge up strain insulators to be shipped Goodyear Co for kite balloons. DA — Fwd C&R—4/19
297392	4/13	To Hampt Rds T	Directs return by express wireless improvement fan submitted for test with airplane radio set. W
298721	4-5	European Forces F.M. (4)	Sample of high tension generator for British type airplane radio transmitter being forwarded. W
298508	3/28	European Forces	Reports shipment of samples British radio apparatus. W
299031	4/17	Dept	Request steps be taken to install radio in dirigibles. W
294953	4/16	To Hampt Rds	Reqt submit report by Ensign Santos on radio apparatus on aircraft. W To Penssa—Ditto—4-26 Pensa. W 5/7 Hampton Rds 5/7.
295599	4/16	To Century Tele Constr Co	Comments on impracticability of using model telephones. W

918: AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 299336	4/6	European Force F.M. app	~~British~~ British Airplane radio receiver Type TF reports on range of and recommends use of on seaplane. W
299335	4/6	European Forces	High Audion battery boxes for radio set—fwds drawing. W
299346	4/18	C&R	Generator mounting airplanes—fwds prints with suggestions. W
✓ 298978	4/19	Phone Crocker Wheeler Co	Delivery of dynamotor to Marconi Co. completion and test of gas engine, rewinding of burned out dynamotor, delivery of E.J. Simon of air driven generator. W To Marconi Co—re progress being made on tube set model. 4/19
✓ 300099	4-22	Director of Nav Commns	Control of airplanes for radio at Air Sta. Key West - forwards recommendations. W FWD Y&D—4-29 RB 5/4 Y&D 5/10 makes allotment. W
✓ 300053	4-19	GE Company	Recommends that wireless telephone sets used on seaplanes be fastened against the breast in lieu of over the mouth. W To G E CO—Thanks—4-26
✓ 300017	3/28	European Forces	British valve amplifier for airplanes—fwds prints and specifications. W

AIRPLANES: RADIO.

Number.	Date.	From or To--	Subject.
✓ 293869	4/9	To Foote Pierson Co	Directs undertake manuf of 24" or 30" induction coil. W
	4/12	To (T) Representative BA will discuss coil Sunday. 4/12	To 4/11 Foote Pierson Co-reqt addtl info rel to induction coil to be mfgd. 4/10 Foote Pierson Co. reqts infor. reused car will be Generators will be used in connection with Cutting & Wash Sets. W
✓ 295297	4/9	To Crocker Wheeler	ba 4:16
✓ 296128	4/9	To GE Co T	Please send six type P-30 pilotrons to Marconi. W
✓ 296590	4/10	To Marconi Co	Reqd furnish price of manuf of radio airplane sets as soon as possible. Reqn for 350 will then be prepared. W Marconi Co--4/12 To--Directs proceed with manuf at once. 4/16
296129	4/10	To C&R	GE Co - Reports on shipments. W 4-10 To C&R--Fwds copy of drawing. 4/11 To C&R--5-3 To C&R--5-14 C & R copy of letter to aerograph factory directs instal. telescope radio on H-16 flying boat Can furnish complete set of Felix-Stove telescopic masts, and other details. W To--4/13
> 297119	4-11	Phila Aircraft Factory T	5:22

918: AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
✓ 297025	4/10	E. J. Simons	Pedestal airplane radio gen mounting—states are in position to mfg any amount required. W To—4/22
296593	4/11	To Dept	Requests regarding radio transmitting and rec- equipments from airplane bases. Comments on ideal installation. W RB 4-16
✓ 296594	4/11	To Inter 'l Radio Tles	Co Ask when may expect sample of self contained airplane radio set for test. W
✓ 296978	4/12	To Western Elec Co T	Directs ship aviation telephone headset to Bu. Instrns re future shipts. L Gen Ordnance Co-T-trying to secure helmits-wire quotation as soon as possible. 4/12 To Gen Ord Co--Reqd return of sample telephone headset, with quotations. 4/12 Gen Ord Co-T-will return sample helmet in few days. W 4-15 To Gen Ord Co--(T)Directs return after examin- ation. 4/13 Asks if Bureau has developed a high tension generator for power supply of radio telegraph station for aircraft. W To--(T)Gives info reqd. 4/17
✓ 298107	4-15	Sims copy #6551 IL 6522	
✓ 298110	4-15	Sims #6536 IL 6519	Request sample receiver and amplifier, with instructions for use on airplane direction finder. W

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
295519	4-3	Rockaway Beach	Request radio apparatus for seaplanes. W
✓ 295484	4-4	European Forces ✓	Forwards program of a special course in training for seaplane direction finding. W
295485	[?]	European Forces	Specifications for fitting wireless in large American seaplanes. W
✓ 295489	4-4	DeForest Company	Request instructions to ship their radio telephone to Hampton Roads, to test out on a seaplane. W To—4/9
✓ 295778	4-2	Cutting & Washington	100 1/2 kw airplane sets - submits estimate. W
290565	3/19	To Nav Com VOID	Reqt Belmar be advised that Dept will supply three transformers. To—3/20

AIRPLANES: RADIO 918

Number.	Date.	From or To—	Subject.
292779	4/6	To S&A VOID	Refund of certain rental for New Brunswick Sta. Fwds corres in connection with. W
294831	4/6	To Marconi Co VOID	75 H P alternating current motor being manufd by Westinghouse Co, for Marion Station. Fwds letter from Westinghouse which is explanatory. W
295522	4/6	To S&A VOID	Lists contrs with instrns re delivery of material shipt to Phila on. W
296429	4-9	C&R	Forwards report from Superintendent of Con- struction, Goodyear, on covering ~~the~~ radio set, developed by that company, with requi- sition. W Fwd Inspr Akron--4/11--RB-4/17 Fwd Inspr Akron--4/19
296699	4-9	Century Telephone Constr Co	Head gear for Hall radio receivers - re- quest report on model submitted for test. W
296025	4/9	To E. J. Simon T	Ask cause of delay delivery of airplane radio sets. W E.J.Simons-T-unable to deliver airplane sets at radio-on acct lack wood meters and generators.4/10

AIRPLANES: RADIO

Number.	Date.	From or To	Subject.	Y
292649	4/1	To De Forest Co T	Desire to keep airplane antenna reel at Hampt Rds for two weeks. Ask if satis. W	
			DeForest Co-T-May keep wire at Hampton Roads. 4/2	
294549	4/2	DeForest Co T	Airplane reels confusion in order-reqt 600 asks if means 200 in addition to 400 on Simon order. W To-(T) Will take 600 reels. 4/4	
293402	3/31	To Signal Corps	Fwds reqs for airplane short wave, medium wave and l. n. wave receivers. W	
294138	4/2	To Penssa T	Operations req'd two field radio sets for patrol boats. Req't infor re boats. W Penssa Gives space available for radio sets in RICHWOOD & GLENDOWER, SP's 292 and 597. W To Penssa-(T) Will ship sets from Chasm for ships. 4/6	
293845	4/1	To Sims	Monthly progress of aviation radio material. Fwds copies of report. W To Sims- Fwds above--5-4	
293849	4/1	To Hampt Rds T	To Sims. Fwd 3 copies of Mon. Report. W. 6/1/2 To Sims. Fwds. 3 copies of mon. report. 7/2 Lt. Lavender arrive Old Pt Comfort Tuesday morning. Directs have Crocker Wheeler representative remain until he arrives. W	

AIRPLANES: RADIO.

Number.	Date.	From. To.	Subject.
✓ 295080	4-4	Wireless Improvement Co	Have arranged method of handling contract with legal department of navy, for furnishing direct all parts of airplane transmitters. W
✓ 294822	4/2	Cutting & Washington	100 1/2- ~~ks~~ airplane sets submits quotation for. W
✓ 295392	4-3	Crocker Wheeler Co	Airplane generators - states are putting in order for one hundred. W
292648	4/2	To Dept	Radio equipment special H-16. British will supply long range radio trans for. W
✓ 293852	4/2	To Navy	Rec Lt. H. U. Links be ordered to report to New Lond. Also to further report to Admiral Sims at Airplane Bases in Ireland. W
✓ 29 ⁸ 3648	4/5	To Chatham To Stations	Reqt for original install of shore station radio apparatus at Naval Air Stations. Directs have officers in charge of air stations submit requis for material. W Cape May Air Sta. Reports on status of receipt of material. 4-8

AIRPLANES: RADIO.

1918

Number.	Date.	From or To—	Subject.
✓ 291773	3/22	E.J.Sims	Airplane transmitters—fwds VanDykes.W
✓ 292055	3/25	To Western Elec Co To W. H. H. - Fwds letter from Western Elec Co - 3-24	Understood that 25 interplane radi. telephone sets will be delivered the end of this week and 25 by April 15th. W - 25 from W. H. H. - 25 from status of - 25 from W. H. H. - 25 from status of To (T) Western Elec Co. Inform Bu deliveries made of 100 interplane radio phones and 500 Helm. 3-6 Arret to have a man from Radio Lab accompany flying boat trips when there is a radio set under test. W
✓ 292063	3/25	To Norf	
292356	3/27	To Hampt Rds	A rrsta for receiving signals from flying boat to leave Hampt Rds. Instrns. W
✓ 292588	3/27	To Hampt Rds	Transportation of electricians. Re date of flying of H-16. W

AIRPLANES; RADIO. 918

Number.	Date.	From or To—	Subject.
292643	3/27	To Crocker Wheeler Co	T Lt. L. Alexander will be in NY Thursday and Friday this week. W
292645	3/27	To Wash	Instructions for use of radio airplane compass receiver. Directs prepare. W
292647	3/29	To Gunner King and Ensign Elitz, N. R. F.	Airplane apparatus tests and development. Detailed comments on. W
292957	3/29	To Marconi Co.	Capacity of seaplane trailing wire antenna with seaplane at rest on ground. Comments on. W
293633	3-29	E. J. Simon	Airplane apparatus - forwards vandykes showing location of units of apparatus on main panel, also wiring diagram. W To—acknowledges receipt of drawings. 4/4
293931	3-29	NY S&A	Inter-plane radio telephone sets shipped via CUYAMA March 15th. W To Sims—4/2
294000	3-30	C&R	Forwards report of wireless apparatus on Zeppelin L-49. W

AIRLINES: RADIO.

1918

Number.	Date.	From or To—	Subject.
290159	3/19	To Hampt Rds	Test run of seaplanes with radio sets. Re wave length and type of radio set to be used. W To Hampt Rds—3/19 To—Comments re tests.3/19 Phone Hampt Rds—3/21 Phone Hampt Rds—In connection with tests.3/21 Phone Hampt Rds—3/25
290198	3/19	To Aircraft Factory	Install of coils for radio compass in seaplanes. Re install on H-16 at Hampt Rds. W
290503	3/19	To Hampt Rds T	Submits report of test of radio apparatus on seaplanes. W
290889	3/18	DeForest Co	Request loan of batteries for dynamometer seaplane transmitter. W To—Directs use any stor batteries available. 3/21
290182	3/20	To De Forest Co	Request loan of batteries for dynamometer seaplane transmitter. W To—Assigns numbers to drawings.4/2 To—Reqt sets of Vanities.4/2 To—Simon states Van Dyke will be fwded April 8th. W 4-3 To E J Simon-5-1 Reqt fwd 10 copies of Instrns for dirigible radio sets. W DeForest Co-fwds instrns.3/21 De Forest Co-States 5 copies of instrns sent by registered mail. March 21st. W 3-25 T will inform when test of airplane sets with Crocker Wheeler generators will be held at Norf. W
290184	3/19	To Crocker Wheeler Co	

To—4/18

E. J. Simon states placing airplane Assemble thermometer plans under Group A may result in confusion. W
E. J. Simon states Van Dyke 4/8 booklet was mailed Apr/9th. 4/10

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.	
290505	3/20	To Rockaway	Requesting information concerning dirigible at. Directs advise when again in commission. W 898.	
290762	3-20	E. J. Simon: To	Reports on shipment of airplane trans- missions. W.	898.
291795	3-21	To Phila.	Manuf of fittings for radio compasses for seaplanes. Directs proceed with work. W. 919.	
290852	3/21	To C&R	Radio install on dirigibles. Re dimensions of receiver for. W	
291669	3/20	Marconi Co	Submits list of apparatus delivered and tested at the Norfolk Air Station. W	
290772	3-21	To Phila.	Manuf of fittings for radio compasses for seaplanes. Directs proceed with work. W. 919.	
290764	3-21	To Interl Radio Tel Co.	Desirable to ship radio compasses and houses to Phila by auto truck. Directs con- centrate on manuf of Henderson engines. W. 919.	
291239	3/22	To Signal Corps	Fwds manuf drawings for 1/2 KW airplane radio transmitter. W	
291678	3/22	To Signal Corps	Will soon fwd report on Cutting & Washington set. Comments on set. W	

Number.	Date.	From or To—	Subject.
✓ 289284	3/15	Dayton and Co. Mich.	Request voltage and output of generator.
289284	3/15	To S&A	Reqt shipt of transmitters from Wash to Penss. W Received back 9:30
289285	3/15	To S&A	Reqt shipt of trans sets from Wash to Penss. W To S&A amend of SO 3-15th /1918 3-12 To S&A req amendment to call for one Sperry radio trans sets 7/25 cross to 7-38
289287	3/15	To S'A	Reqt shipt of transmitters from Wash to Miami. W Shipment order RB 4-12
✓ 289288	3/15	To Cyril Rhinehart T	Buff notified and auth given to inspect flying boats. Confer with Lt. Schofield. To Buff. (1) Directs. call rate 3/15 Inscr Curtiss-Mr. Rhinehart did not visit Revised Buffalo March 16th.-3/18
289855	3/14	Sperry Co <u>VOID</u>	States have 2000 pairs of carbon suitable for 36 inch searchlights in stock-quotes price.
✓ 289861	3/14	E.J. Simon	Wiring diagram for airplane sets-reports fwding print to Wireless Improvement Co.
✓ 289815	3/15	DeForest Company	Fwds book of instrns with wiring diagram and photographs of their latest radio trans- mitter for seaplanes. W

918-AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
✓289800	3/15	C.D. Reinhard T	Request authority to inspect Curtiss flying boats in connection with radio inspection. W
✓289969	3/15	E.J. Simons	Wiring diagram 1/2kw airplane transmitters— Fwds. W To—Comments on. 3/19
✓289929	3-16	GE Company T	Final test made - will arrive at Norfolk Monday.
289875	3/18	To Wash	Manuf of airplane compass receiver SE 950. Directs manuf 6 of 25 to be completed by March 30th. W
✓289631	3/16	To De Forest Co	Acknowledges receipt of instrn booklet for 5 kw sea plane radi transmitter. Next prepare similar booklet made up of negative vandykes from which Bu may reproduce prints. W
✓290477	3/16	Washn	Fwds copy of letter to Natl Elec Sup Co outlining procedure to be followed in printing of condenser dials for air compass receiver. W

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
286189	3/5	To Norf Copy to Western Elec Co.	Test of signals from airplanes. Submits report of. W
286046	3/5	To Miami	Sperry generators. Tests showed same to be satis. W
287353	3-5	Cutting & Washington	Will bring sample to Washington - 1/2 kw airplane set - for examination. W
287229	2/21	European force	Gives list of French publications considering radio sets for airplanes that have been translated into English-have been fwded to Bureau
286594	3/8	To S&A	Interplane radio telephone sets. Recd shipt of material be properly marked and shipt expe- dited. W To Western Elec Co--Directs deliver telephone sets to N.Y. Instrns re marking 3/8 S&A-Case telephone keys shipped London via steamer PHILADELPHIA, March 4th. W 4-16
287132	3/8	To Marconi Co	Flight performance of airplane radio trans under development. Directs make tests at Hampt Rds. Instrns in connection with. W To GE Co--Ditto, 3/8
287129	3/8	To Pub Utilities Com.	Springfield, Ill. Fwds copy of "Report of Elec auxiliary system for naval dirigibles, Test of Go-drich Experimental equipment" W

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.
287253	3/8	To Cutting & Washn	Reqt infor re progress and development of 1/4 KW airplane radio set and approximate date of test. W
287255	3/8	To Rockaway	Condition of apparatus. Bu has report that dirigible has been damaged. Reqt condition of radio set. W RB-3/14
287515	2/19	To Lt. Gray	Aircraft equipment. Gives battery requirements for radio equipment for H-16 special flying boats.
288237	3-8	Hooker Wheeler Co	Request instructions for stamping dirigible generators with type numbers. W To—Gives infor re reqd. 3/12
288643	3/12	Marconi Co T	Rep. will arrive Hampton Roads for test on sample airplane radio transmitter - W
288887	3/12	Cutting & Washington T	Airplane radio set will be in Washington March 14th.
288044	3-12	Wash.	Auth Yard to furnish hubs for DeForest radio sets now in stock, and equipped with fans being manufd by E. J. Simon. W. 876.
289085	3/11	B. F. Goodrich Co	Request payment for radio set for dirigible shipped Rockaway Beach. W To S&A—Ask if invoice has been received. 3/16 To—Reqt duplicate. 3/26

Number.	Date.	From or To—	Subject.
✓ 351337	1/21	to Air Station (10/10)	to to. 100 copies that to be transmitted. W
✓ 351785	2/21	to 1st. 10/10	to 1st. 10/10. co. its of transmitter 10/10 Can Oct. 11 Aircraft Factory-Conf tel conv in con with. W 10:22
✓ 351337	1/21	to 10/10	to 10/10. co. its of transmitter 10/10 Received back 10:24
✓ 351337	9:18	Chatham	
✓ 351785	9:23	West Elec Co	100 airplane radio sets req, make arrangements for test. W

AIRPLAINE: RADIO

Number.	Date.	From or To—	Subject.
✓ 351922	9:23	C&R	Copy of dispatch to Superintendent at Akron, asks date on which radio test conducted on dergeable
✓ 352025	9:21	C&R	Copy of shipment order covering wireless cost from Hampton Rds to Aircraft Factory.
350098	9/24	To S&A 6-5 4th Dist To Glouch- 6:23 Re:st allotment \$62 allot of 62.86 made 6/30	Recs. shipt. of radio material from NY to Gloucester for Aircraft. To Fleet Suppl. Base So Brook- description of ship called for in Bu let of 9-23rd 1-11 4th Dist-5:19 Gloucester resqt special allotment \$58.20 To Glouch- rec adjustment made 9-21 Gloucester 5/29 S&A-Fwds copy of report of partial shipt. 5:29
351616	9:21	International R T Co To: F. H. King, 10131 to 10404 Priority for repairs. 10/4	Airplane transmitter, req drawing up contract calling for payment of 30% of price upon assignment, sub detailed cost prices of W International Radio Co 9:24
318197	9-30	To Hampton Rds Norf. BayShore-Submits weekly report SEE CARD 73 10-9	Fwds inform re radio telegraph weekly report on radio apparatus for repair aircraft to Key West, no transmitters available 9-30
352503	9/27	To S&A	Reqst shipt from Washn to Pauliac radio apparatus W

736-9

4-3381

AIRPLANES; RADIO

Number.	Date.	From or To--	Subject.
✓ 352549	9:25	H W Hoyt	Tel: Type N Blunt, req receiving set ear phones. W Shipment order 9:28 received back 10:24
✓ 352571	9:23	War Dept	Req 10 copies of specifications and drawings covering receiving sets. W
✓ 352712	9:25	E J Simon	Sub advantages for light weight airplane transmitter successfully tested out. W To get test status. 10/5 E. J. Simon Oct. 4 Ask when test of light weight airplane transmitter will be made W To-- Will be informed when date of test of above transmitted can be made 10-14 E J Simon Co-4 as when and where sets are to be tested. 11:1 E J Simon- Req action. Airplane for airplane transmitters being shipped to various stations. W
✓ 352714	9:24	Gutting & Washington	
352806	10:24	Dept	Old Number

ATTENTION: RADIO.

Number.	Date.	From or To--	Subject.
234323	3-1	Crocker-Wheeler Co	airplane generator - asks what schedule of shipment wireless improvement 300 watts will require on the 200 sets ordered. "
236293	2-11	European forces	reports on visit to Woodwood Scrubs, in connection with airplane generator. " 20 Hampton Roads 4-11 RB 4-26
236297	3-7	European Forces	Forwards copy of request to ship sample radio apparatus to Washington. "
236299	2-11	European Forces	Lieut Castillo - reports on visit to Fellstrom.
236301	2-7	European Forces	Copy of letter to expeditionary force relative to supply of airplane apparatus. "
235591	2/28	A. B. Moore	Asks information on generators reqd for airplane set - DA & S To--Directs communicate direct with Harbord and GE Co. /5
235500	3/1	Kilbourn & Clark T	Request orders for material in order to keep working force intact - "

AIRPLANES: RADIO. 918

Number.	Date.	From or To--	Subject.	
285935	3/2	Miami R.	Generator of Sperry Aerial set burns out armature commutator at high speed - DA	
283561	2-26	To Dept.	Radio and elec equipment for H-16 special H-16 regular and HS-1 type seaplane. Gives status of. L.	736-6
285428	3/2	To Crocker Wheeler Co.	Gives deliveries of A irplane sets from Wireless Improve Co. Directs delivery motor generators t company in accord with. W	
286224		old no	Phila - 3-16	
285433	3/2	To Bu Standards	Report of signals received from Airplanes operating from Norfolk. Feds. W	
286543	3-4	DeForest Company	Reports on second test of 5,1.3 radio transmitter for seaplane. W	
286332	3-4	Miami Air Sta.	To--Comments on 3/11 Audion receiving set received without B battery; request permission to get one from Experiment Station. W.	736-1.
286984	3-4	Leslie Ward	Airplane antenna wire - report on test. W	
287029	3/5	Bu Standards	Reports on signals read from airplanes. W Bu Standards-3/8	

AIRCRAFTS: RADIO.

Number.	Date.	From or To—	Subject.
✓ 263942	2-23	Brooks, GE Co	W.L. Brooks will phone Monday, re seaplane transmitter. S W
✓ 263568	2/23	To Wireless Improve Co	T Directs send fan to radio test Shop Wash soon as possible. W To Edison Stor Bat Co—Directs include all tooling costs in first order. 2/23 Wireless Imp Co— are forwarding fan to radio test Shop. W 3-5
✓ 263570	2/23	To Inter'l Sig Co VOID	Directs send one 20" radio compass coil out of first lot completed to City College of NY, for instrn purposes. W
✓ 284203	1/30	Sims Copy	No 7737 - fwds copy of request of army to supply telescope mast for seaplane - W
✓ 284209	1/30	Lt G. H. Bastido	Submits report of gunners who visited Felixstowe, England on radio installations in British seaplanes - W
✓ 284215	1/24	European Forces	Telescopic radio mast for seaplane - fwds correspondence and plan - W
✓ 284579	—	F. D. Waldron	Copy of bill of lading shipping of sample helmet telephone set - W

AIRPLANES: RADIO 918

Number.	Date.	From or To—	Subject.
✓ 284582	2/20	Crocker-Wheeler Co	Gives characteristics of sample generator for airplanes being made up - W
✓ 284409	2-25	Sims 54413 T Sims 54413 British and comments on radio apparatus 2/27.	Request description and sample of standard radio apparatus for seaplanes be expedited. W To— Gives info re test 2/4 Sims Copy 7861-1 L-7861 Repts. 50 additional transmitters. W 5:13 To (2) Sims, re 30 Simon Sets and 21 Receivers fwd. 5-14 Informs re test of radio transmitters. W Pensa 54413 - T Have requested information from Com. Train. W 3-24 To Norf. Rept inform Atl Train when airplane radio set is to be tested. 2/27
283567	2/25	To Atl Train T	
283717	2/25	To C&R	Suspension cables on dirigibles, for use as counterpoise for radio set. Comments on, and repts make necessary changes to accommodate. W
284039	2-25	Nav. Com.	Long range airplane radio test. Instrns in connection with. W. 824.
284375	2/27	To Pensa	Photographs Simon Airplane radio set in R-5 machines. Rept fwd. W Pensa--fwd photos 3/12
✓ 285641	3/1	To Sims T	Best deliveries interplane radio sets ship April 1st. Production in quantities for British after June 1st. (2/27) states his 4417 referred to complete radio telephone sets for interplane communication. 2/28 To (2) Will ship interplane sets about March 15th. 3/6 Sims Copy 8162-1 L-8162 submits report of British test on Western Electric interplane radio telegraph. W 5:20

AIRPLANES; RADIO.

Number.	Date.	From or To—	Subject.
✓ 282024	2/4	Western Elec Co	Detector amplifier—states if they receive order—model be returned. W To—Acknowledges. 2/19
✓ 282131	2/15	War Dept	Inductances and condensers for ~~zigzagging~~ Signal Corp shipping instructions. Da To Wash—2/23
✓ 282017	2-14	Western Elec Co	Samples of radio equipment from British sovereignty, which Bd of Investigation will reserve for airplanes and submarine clas- sers - ask if their company will work with the board. W To—Acknowledges. 2/20
✓ 282290	2-15	Crocker Wheeler Co	Gives number of generators shipped, to be, by March 1st. W
✓ 282682	2/18	H.W. Nichols	T Leaving for seaplane test Tuesday. W
✓ 282749	2-11	Dablier Cond. Co.	German radio installation taken from a captured airplane; fwds. description; photo; W.
✓ 282296	2/18	To Dept	Progress summary, aviation radio material, f reign service. Fwds copies of status of. W

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.
✓ 282667	2/15	MEMO FOR LT. CMDR. TOWERS.	Re radio installations on H-16 machines.
✓ 282305	2/19	To Narr	Characteristics airplane antenna. Fwds blueprint as listed of. W To Firms—Ditto, 2/18 Sperry Co—2/21 To Sperry Co—2/27 To Firms—Fwds blueprint, 3/2
✓ 283111	2-19	E. J. Simon	Request that sample 1/2 kw airplane generator being built by Critcher Wheeler Co be sent to their works for test. W To—Acknowledges, 2/23
✓ 283113	2-19	NY	Reports non-receipt of any airplane radio set under contract 28310. W
✓ 283206	2-19	E. J. Simon	Copy of letter to Wireless Imp Co. stating their drawing of rigs is incorrect. W
✓ 282786	2/20	To C&R	Aircraft equipment, telescopic masts, Reqt ship at once to Hampt Hqs. W C&R—copy of shipment order, 2/26
✓ 272648	2/21	To Dubilier Cond Co	Acknowledges receipt of description of German radio installation. W

AIRPLANES; RADIO.

Number.	Date.	From or To—	Subject.
✓ 279346	2/7	To B. F. Goodrich Co	Appvs price of \$7,500 for 14 sets. Lists what each unit will consist of. W
		To—(T) Reqt 17 sets as originally planned. 2/14	To—2/9
		B. F. Goodrich Co - (T) states must have Class A priority if order for radio sets to be placed with them 2/14 -W	~~Exp. start~~ B. F. Goodrich Co-T-gives est cost of change. W. 2/14
279612	2/8	To Wash	Development, design and manuf of airplane direction finder, receiver and amplifier. Expresses appreciation for speed in which done. W
✓ 279796	2/8	To GE Co T	Reqt send representative to Wash to make bid on aero compass receiver. W
✓ 280048	2/8	To GE Co	Weight reel and wire ten pounds, which leaves sixty pounds for motor gen and transmitter. W
✓ 280682	2-9	Crocker Wheeler Co	Western Co. asks for curve in air-planes desired. Asks if satisfactory to give. W. To—Acknowledges. 2/16
✓ 279898	2/9	To Nav Intell	Fwds corras pertaining to Pan Amer Wireless T&T Co. W --RB2/15 To Dept via Operations—Fwds letter from Pan Amer Co. 3/7
✓ 280140	2/9	To Callophone Co	To—3/7 ---RB---4/13 Fwds characteristics of telephone circuits in airplane radio receivers. W
✓ 280282	2/9	To MR Hutchinson	Audion B battery giving only 40 volts will be required for airplane audion use. W

AIRPLANES: RADIO. 918

Number.	Date.	From or To--	Subject.
✓ 280925	1/24	Sims Copy	No 7207 - Submits specifications for type 54 - A transmitter, receiver and relay for seaplanes - W
✓ 280813	2/4	Operations	Fwds suggestions from Lt. R.A. Lovett on telescopic mast for airplanes. -
✓ 280476	2/12	To Miami	Install of radio transmitter on R6 machines. Fwds drawings showing proposed method. W
✓ 281221	none	none	Reports on test numbers 1 to 11 made under general supervision of Lieut. Lavenier of the radio and elec system for dirigibles known as Plan-C constructed by the B.F. Goodrich Co. W
✓ 281211	2/11	Cutting & Washington	Reports completion of design of 1/2 KW 375 meter airplane set - W
✓ 281865	2/13	E.J. Simons	Aerofan being built with 1/2 kw airplane radio transmitters-Fwds Vandyke. W
✓ 281683	2/15	To Crocker Wheeler Inspr	Auth rebar ring frames and fitting larger stator in machines now being held up. W
281745			Clark - T request gadema crystals be mailed. 2/15

918: AIRPLANES: RADIO

278943

2/1

GE Co

High power radio sets for seaplanes

Number.

Date.

From or To--

Subject.

278943

2/1

GE Co

High power radio sets for seaplanes-trailing wire antenna-request information rel to dimensions, etc. W

To--Comments on. 2/7

278648

2/4

To E. J. Simon

Airplane antenna lead out design. Expert Radio A. and Johnson will call for conference in a few days. W

279206

1/21

European Force

Radio apparatus for seaplane syntonizer and wave meter used by the Royal Naval Air Service-fwds sample. W

279205

1/7

European Force

Fwds form request be filled in and submitted showing monthly progress and summary of aviation radio material foreign service. W

To--Fwds. 2/16

To Sims--Fwds progress summary. 3/1

279203

12/21

Sims

French radio apparatus for seaplanes. Reports on status of securing. W

279204

1/21

European Force

Wave meter No. 2 used by the Royal Naval Air Service-fwds specifications. W

278352

1/22

European Forces

British radio apparatus for use in seaplanes-fwds notes by Gowan and Rothenberg. W

279641

2/6

Dept

Miami station - directs shipment of 40 radio spark sets for use with seaplane. W
To S&A--Reqt shipt of trans set from Wash to Miami. 2/8

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
277124	1-25	Pensa Air Sta	Fwds uncompleted radio report, evidently compiled by E. F. Meissner, former expert radio aide. W
277743	1-26 none	Army & Navy Aircraft Bd C&R	Fwds report on wireless fire control apparatus, for airplanes. W
278034	1-31	C&R	Telescopic mast for radio on seaplanes. W
277794	1-26	Wash	Aeroplane radio receivers, single circuit type; fwds report of test. W
277778	2/1	To Marconi Co	Development work on telescopic radio mast for Navy Airplanes. Detailed comments on details of. W
278563	2/1	E. J. Simon	2 1/2 KW airplane radio set - fwds van dykes - W
278852	none	Pensa	278852 Fwds recommendation for wireless system for hydroplane developed by Antony S Santos, student aviator. W

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
✓ 275491	1-5	European Forces	Fwds specifications for radio equipment for air service. in duplicate. W
276027	1-23	C&R	Radio generator foundations - recommends representative go to Buffalo in connection with. W Fwd C&R--1/26 To C&R--3/15
✓ 276058	1/24	To GE Co	Understand company is developing small type of film resistance, same size as an ordinary cartridge type fuse. Directs keep Bu informed re progress. W GE Co 1/29 - W To--2/5
✓ 276060	1/24	To Western Elec Co	Aviators receiving telephone helmet which makes use of soft rubber rings around ears. Directs keep Bu informed re progress. W Western Elec Co--fwds sample telephone set by parcel post. W 2-27
✓ 276062	1/24	To Martin Aircraft Corp	Special type of telephone receiver helmet for use of aviators. Req. submit sample helmet for test. W Glen L. Martin Co-1/21 To--2/4 Co 2-7
275049	1/19	Dept	Pensacola Air Sta request be furnished with certain radio equipment -
✓ 276349	1/25	To Marconi Co	Get information re progress are making on air line transmitters of all type. W GE Co 1-30 To GE Co--2/5 Marconi Co--reports on status and developments. 2/12

AIRPLANES: RADIO.

Number.	Date.	From or To--	Subject.
✓ 276451	1-24	Dept	Request that Key West Air Sta be supplied with radio transmitting and receiving set designed to enable seaplanes to communicate with vessels. W
✓ 276107	1-22	De Forest Co	1/2 kw radio transmitters for seaplanes; reports on status of developments W
276544	1/26	To Firms	Proposal for bids on 300 aero compass receivers. Submits information which proposal will contain. Reqt prepare bids. W To 2/1
✓ 276641	1/26	To Sperry Co	Armatures returned to company Adams Express December 31st. W
276650	1/21	Bost Yd	Pwds report of test of Helical load inductances on Simon 1/2 K W airplane transmitter - W To E. J. Simon - Submits above report. 1/28
276636	1/29	To Dept	Material to be supplied on airplanes. Submits list of, according to Bu understanding. WIDA Operations 2-6
276804	1/28	To SAA	Reqt shipt of radio set from Wash to Key West, W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
274359	12/28	European Force	Radio apparatus for seaplanes reports dates when Admiralty can supply for equipping Irish Stations. W
274368	12/27	European Force	Radio apparatus for seaplanes type 52 transmitter-fwds specifications. W
274347	1/3	Dispatch Agency London	Reports on order to dispatch one case containing radio valve. W European Force-reports fwding cases. 1/3 To—Directs fwd to Wash. 1/19
274353	12/28	European Force	Manufacturing specifications covering radio apparatus used by Royal Navy air Service-fwds details together with prints, etc. W
273969	1/17	To Firms	Will desire to use stor battery as source of power for 100 mile continuous wave trans set both in flight and on water. Comments on requirements. W
274235	1/17	To Firms	Lt. Lavender and T. Johnson will make frequent visits. Reqt co-operate with. W
274255	1/17	To L. S. Brach Sup Co L. S. Bracht-Co--3/19	Reqt fwd to Wash one airplane antenna reel of latest design for test. W D. S. Brach Supply Co - 1-22 - W To--3/14
274382	1/17	To Nat'l Elec Sup Co	Gives voltage tests for Crocker Wheeler Generators. W

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.
✓ 274630	1-12	Pensa	Pwds report on radio constants of a trailing wire seaplane antenna. submits list of unfinished reports at time of transfer of radio laboratory equipment. W To—1/22
✓ 274481	1/18	To E. J. Simon	Install of Simon Radio trans for in planes in H-1 and H-16 boats. Directs send one set to Curtiss Co. W
✓ 274871	1/17	DeForest	1/2 kw airplane radio transmitter undamped waves—states impossible to build satis oscillation having low voltage as 12 volts in connection with using motor gen driven by 12 volt battery in lieu of ran driven gen. To—1/21
✓ 274968	1-15	E J. Simon	aeroplane transmitters, frequency meters; copy of letter to Weston Elec Instr Co. W
✓ 275398	1-28	European forces	Inst. of telescopic mast in sea plants. Pwds photograph and catalogue. W Pd C&R—1/26
275357	1-22	Pensa	No special report available W To—(T) Rept five copies special radio report. 1/21 To Hampton Bds—(T) Rept five copies special radio report. 1/23 Hampton Bds—1-No copy at station. W-1-28

1918

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
273278	1/11	<u>Sims</u> Copy 2857	Require only 150 Simon spark for first installation. Have secured some from the French - request data on weight. Also request 210 spark receivers, also continuous wave apparatus - W To--(T)1/17
272291	1/12	To Crocker Wheeler Co	F wds report of conference between M.C. Spencer and Bu. Test of voltage of 1500 volts for D.C. winding and 5000 volts for the stator winding as minimum test voltage desirable. W
272757	1/12	To <u>Marconi Co</u>	Fwds drawings of telescopic radio masts for seaplanes. W
273607	1/14	To Miami T	Directs local telephone company give all possible assistance to L.C. Everett in erecting experimental apparatus. W
273863	1/14	Insp ~~xxxxxx~~ Garden City	H-16 boats-rect installation blueprints covering radio equipment. DA To--Will furnish Curtiss Co with install blueprints. 1/17

AIRCRAFTS; RADIO 918

Number.	Date.	From or To	Subject.
270596	SEE CARD 28		To Wireless Spec Ap Co T-1/16 To Wireless Spec Ap Co--Gives change in supply. 1/16 To Do Forest Co--1/21 Emil J Simon request specifications 2-8 To E. J. Simon--2/15 On subject of report of test of generator
273587	1/16	To Phila	Receivers for radio compasses submitted by International Sig Co. Request detailed comments and criticisms on. W Phila will submit reply about Feb. 11th. 2/9
273590	1/16	To Crocker Wheeler Co	Submits report of test of airplane generator. W
274376	1-15	E. J. Simon	Fwds additional vandykes. W
274363	12-31	European Forces	Radio equipment used in Royal Naval Air Service; reports arrangements have been made for shipment of samples to Bureau. W
274362	12/28	European Forces	Radio apparatus for seaplanes--fwd description and list of that which the Admiralty has been requested fwd samples to Bureau. W
274360	12/28	ditto	Radio apparatus for seaplanes type 529 and 549 transmitters--states Admiralty has cancelled orders for the reception of 5 sets one set to be shipped to Bureau. W

AIRPLANES: RADIO.

1018

Number.	Date.	From or To—	Subject.
272441	1/8	~~Letter~~ E.J.Simons	Request report made by the Pensacola Air Station on their inspection of aircraft in connection with radio apparatus.W
		Simon I-12	To—Fwds copy of report. 1/11
272440	1/8	E.J.Simon	Recommends testing on the ground installation and operation of airplane radio sets.W
			To—Dummy is available for tests. 1/12
			Co 2-6
			To—2/9
271900	1/8	To E.J.Simon	A plication of Crocker Wheeler airplane gen to transmitters. Instrns re applying. W
			E.J.Simon 1/11 - W
			Simon I-17
272291	1/4	Washn Yard	Fwds report of conference held with Mr. [unclear] of the Crocker Wheeler Co on details of 1/2 kw radio gen for airplane use.W
272136	1/9	To E.J.Simon	Fwds revised index of drawings. Airplane Radio set. W
		To—Fwds copy of revised index of airplane radio set. 2/1	E.J.Simon - 1/11 - W
272235	1/9	To Pensacola	Directs fwd V ndyke details panel fittings. 1
			mount Simon set on R-6 seaplanes. W
272257	1/9	To Firms	Submits detailed information in regard to development of radio apparatus for airplanes. W
272937	1/7	Sperry Co	Fwds bill covering gen for constant speed air turbines shipped to Pensacola air Sta.W
			To—Directs alter fan and shipt same to Wash. 1/14

AIRPLANES: RAIL O. 918

Number.	Date.	From or To--	Subject.
272235	1/10	To E.J. Simon	Fwds blueprints showing layout plan of mounting of 1/2 KW Simon radio sets. W E. J. Simon - 1/1 Tolson fwds vandykes 1-11
272783	1/11	To E.J. Simon	Fwds copy of conference between Bu and M.C. Spencer of Crocker Wheeler re 1/2 KW airplane radio generator. W
272956	1-9	E. J. Simon	Simon aeroplane antenna reel; fwds vandyke. W
To Directs fwd further drawings. 3/15 E. J. Simon gives list of drawings fwded E. J. Simon - fwds vandykes. 3/5 on various dates. W 4-1			
273326	1/8	Federal Telegraph Co	States will be unable to develop set suitable for use in dirigibles at this time. W
273587	1/9	Washn Yard	Test of Simons air fans for 1/2 kw airplane radio transmitters - fwds copy of report. W
273590	1/9	void	Crocker Wheeler Airplane
273590	1/9	Washn Yard	Crocker Wheeler Airplane generator - fwds report on wind tunnel test. W
273591	1/9	Washn Yard	DeForest 1/4 kw airplane transmitter - fwds recommendation for fans. W

IRPL INTS: RADIO.

Number.	Date.	From or To--	Subject.
269899	12/28	To Dept	Development of apparatus for use on airplanes. Lists apparatus and reqts comment on. W
270388	12/28	E. J. Simon	Contract 599--airplane generator--fwds print showing principal dimensions. W
270681	1/2	C&R	Wireless installation on seaplanes A-138 and A-139. W Fwd C&R--1/10 C&R recommends against installing radio sets on seaplanes mentioned. W
270951	1/2	C&R	Fwds blueprints of magneto assembly used on Koban motors. W
270202	12/31	To Dept	Equipment of airplanes. Rec Irish and West Coast of England be equipped with apparatus as listed. W Other recommendations. W
271075	1-2	E. J. Simon	Contract 599, aero fans, tension brake mechanism for aero generator; calls attention to their revision of drawings. W
		To Pensa--(T) Ask what points are unsatis. 1/10	Pensa (T) satis 1/9
		Pensacola--T-friction tension brake on Simon Gen unsatis. 1/11. W	To Pensa --(T) directs submit report re acceptance of. 1/8
		To Pensa 1/14	To -- Gives action. 1/9
271134	12-31	E. J. Simon De Forest Co	32 volt aeroplane generator set; fwds copy of letter from the Elec Spec Co. giving time of delivery, rate of shipment, weight, etc. W To--1/5
270043			C&R copy of letter to Supt Constr Buff. forwarding plans 12-28

AIRPLANES: RADIO. 918

Number.	To	Crocker Wheeler Co. 2/14	E. J. Simon 1/11 - W	Subject. E.J. Simon 1/11
270596	1/3	To E.J. Simon 1/11	To De Forest Co	Ask when transmitter will be ready for test. 1/11
		To Firms, Signal Officer		Fwds copy of report of conference re
		To Crocker Wheeler Co. 1/4		air lane equipment. W
		To E.J. Simon 1/4		To Wash--Detailed instrns re test of amplifiers
		To Firms 1/4		for use in airplanes. 1/3
		De Forest Co 1-7		To Firms 1/3
		Marconi Co 1-8		SEE CARD 30
		Crocker Wheeler Co 1-8		To E.J. Simon--Directs co-operate with Wash
		De Forest Co 1-14		in development of airplane receiver. 1/4
271005	12/29	To Crocker Wheeler Co		To Wireless Spec Ap Co-- Reqt keep Bu advised
				of progress 1/4
				Fwds drawings of airplane gen case details and
				fan hub and brake, also drawings of drillin. for
				base. W
271646	1/3	Boston Yard		Crocker Wheeler Co airplane radio generator--
				fws copy of letter to Crocker Wheeler Co.
				specifying constant of new 1/2 kw radio gen.
271577	1/5	To Pansa T		Directs fwd report of all unfinished reports on
				airplane radio work. W
271542	12-15	European Forces		Wireless telegraph apparatus used by the
				Royal Naval Air Service; fws list of. W
271893	1-5	C&R		Copy of instructions to Montauk Air Sta.
				directing radio not be used until certain
				alterations have been made. W
272095	none	War Dept		Metallization of wings ?? aerial on
				airplanes--fws report on. W
272200	1/7	Crocker Wheeler Co		Reqt return from Pensacola of 1/2 kw airplane
				generator with transformer key. W
				To 1/12

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
268328	12/20	To Marconi Co To Firms.	Reet send engineer to Wash Yard for conference in connection with purchase of 500 receivers for airplane use. W
269385	12-4 12-24	European Forces Do. it	Recommends installation of telescopic mast in airplanes: Fwds prints and recommendations. W Fwd Lett—12/28
269517	12-21	Wireless Improvement Co	Fwds copy of letter from E. J. Simon, relative to protective devices to be attached to the generator for aeroplane sets. W To—1/10 Wireless Improv Co protective devices not figured in estimate. W To Wireless Co—Directs supply two of devices with each set. 1/21
269530	12-24	Cracker, Wheeler Co	Request report of test on a 1/2 C E B. 15 O B direct current radio generator tested at Akron. W To—12/28
269710	12-26	Sperry Co	States are in a position to furnish quenched gas aeroplane transmitters, Simon design. W To—12/28

918: AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
269988	12/27	Insp'r Goodyear	Elec auxiliary system for dirigible
		To Goodrich Co.—Will need only 18 sets for dirigibles. 1/26	"plan C" fwsd recommendations report and princpls. W
		To Goodrich Co.—(T) Directs expedite quotation. 1/29	To—Detailed comments and instrns on. 1/4 Fwd O&R via Dept. 1/10 RB 2-8 B.F. Goodrich Co 1-18
269789	12-25	E. J. Simon	Asks if motive power is to be furnished by Indian engine or Koban engine in experiments in connection with radio. to be undertaken at Rockaway Beach. W
			To—12/29 Simon 12-31
			To—Directs proceed with install. 1/4 E J Simon 1-7
270043	12-29	O&R	Seaplanes, radio generator foundations: copy of instrns to Supt Constr Buffalo. W
269350	12/25	To Dept	Equipment of airplanes. Must be developed. Re t with dummy airplane for radio apparatus at works of GE Co and Marconi Co. W
			Dept states impracticable to furnish a complete seaplane to factory for sole use of manufacturers of radio equipment 1-2
			To Marconi Co.—1/8
269702	12/27	To Rockaway Beach	Simon radio set in dirigibles. Directs install in Goodyear dirigible. W
			Rockaway Beach 12-29 To—1/4
268402	12/27	To Penss	Data on standard airplane antenna. Reqt infor in connection with. 12/27
			Pensa 1-4
269887	12/28	To Constr Akron	Expedite report radio plan Goodrich Co. W
			Hood (T) report and radio plan C mailed Thursday 12-29

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 267219	12/13	Copely Mfg Co	Airplane antenna wood-reports fwding sample-asks if Bureau desires to purchase. S To—Appvs sample submitted. 12/18
✓ 267427	12/14	Dakereest Co	Fwds photographs and reports on the new 1/2 kw antenna wave radio oscillation transmitter panel—for use on airplanes. W
✓ 267635	12-11	Wash	Crocker, Wheeler aeroplane generator; fwds report of test. W
267381	12-13	G E Company	Receiving pilotrons—quotes prices for states; re not prepared to undertake development of complete transmitting outfit for airplanes but will build such outfits on figr basis. W
✓ 267178	12/14	To Pensaa T	Directs ship Sperry Airplane radio Gen Sperry Co by express. W
✓ 267998	12-15	Pensacola	Seaplanes; installation of wireless outfits; fwds piece of longeron removed from a wrecked seaplane. W Fwd Dept via C&R—12/22 RB 1-17 Fwd Dept—1/21
✓ 267451	12/15	To Montauk	Installation of standard airplane sets in dirigibles. Directs make install. W To E. J. Simon—Directs proceed with install. Montauk will co-operate with. 12/15

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918: AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
262589		see card 24	E.J.Simon--fwds addtl Vandykes.12/17.W To E.J.S imon--fwds prints for numbering.1/4
✓ 268368	12/18	E.J.Simon-Airplane transmitting receiving sets-states in position to accept order for 300 additional transmitting sets and 500 receiving sets.W	
✓ 268448	12/12	Pensacola	Comparative test of Simons and Crocker Wheeler Co's aero radio generators-fwds report on.W
262589	see card 24		E.J.Simons-fwds Vandykes.12/19.W E.J.Simon-fwds addtl prints.12/21.W Simon have complied 1-19
✓ 267785	12/18	To S&A	Reqt shipt of aeroplane radio trans from Wash to Advance Base.W
✓ 268206	12/19	To Dynato Elec Copr Copy to G.S. Montfort	Electric starter and battery charger unit for use in dirigibles. Submits requirements of and directs fwd sample for test. W
✓ 269129	12-21	E. J. Simon	Aeroplane drawings; request be furnished with bound copy of drawings obtained from brown vandykes.W
✓ 269346	12/21	Pensacola Air Station	Asks if desires any further test on Crocker Wheeler generator and fan.W To Pensa--12/29

AIRPLANES: RADIO.

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Number.	Date.	From or To--	Subject.	
✓ 264405	11-30	Sperry Co	Will have representatives present Dec 3rd for test of fan and brake for 1/2 kw aero-plane radio sets. W	
259386	11-9	To Western Elec Co	Radio telephone head set built into a sound-proof helmet for use in airplanes. Reqt fwd unit to Wash for test.	898
264809	12-3	Akron T	Expect plan C radio apparatus be ready for test Dec 6. W	
264873	11/30	Pensacola	Airplane radio generator delivered Pensacola from Sperry Co's bill. W Fwd Pensa--12/5	
✓ 264913	12/1	Electric Importing Co	Request comment on design of airplane outfit submitted - W To--Cannot give to any but established companies. 12/27	
264554	12/3	To MIT	All reqts for info re radio equipment should come thru CO of station to which party is attached. W	
265267	12/5	Akron T	Test of Plan C - dirigible radio auxiliary will be held 12/10 instead of the 6th - W	

AIRPLANES: RADIO 918

Number.	Date.	From or To—	Subject.
✓ 264816	12/4	To Wash	Inventory of airplane radio sets purchased in France. Fwds description and copy of invoice. Directs check. W
✓ 265385	11/10	European Force	Shipment of radio transmitting set mfgd by French Radio Company to Bureau—fwds invoice. W
✓ 265595	12-3	Pensacola	Sintheben galvanometers adapted for radio reception; request, for use in connection with experiments. W To—Directs discontinue development. Being handled by Western Elec Co. 12/15
✓ 265032	12/5	To Constructor, Akron.	T Bu representative will arrive Thursday A.M. Directs notify Mr. Gaumeter. W
✓ 266504	12-10	Sperry Co	Fwds certified copies of bills covering material for Pensacola; request payment. W To—12/15
✓ 266647	12-8	E. J. Simon	Writes in detail and gives reasons why they should not accept entire responsibility for errors in drawings for 1/2 kw airplane radio transmitters being manufactured by other firms according to their drawing. W
✓ 266192	12/11	To E. J. Simon	Re E. J. Simon Bu with Venn's showing field ammeter. W Simon 1-14

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
263383	11/26	Pensacola T	Remodeled Simon generator failed in test due to defective insulation Crocker-Wheeler generator withstood laboratory and air test. W
262589	11/24	To—Reqt Vandykes of specns. 12/14 To E.J. Simon E.J. Simon—fwds additional prints J. J. Simon - fwds var. 12/4 W 12/8 - W To—Ask when revisions may be expected 12/7 E.J. Simon—addtl prints fwds. 12/13	E. J. Simon - fwds Vandykes 1/24 - W Aeroplane radio sets. Manufacturers cannot start work on because have no drawings. Reqt fwd drawings to Bu at once. W see card 26 D.J. Simon—fwds prints. 11/27. W Simon 11-28 Simon protests against being held responsible for errors in drawings 11-28 Simon 12-3 Simon additional prints [?] Inductor type of alternator for use with airplane sets. Generator tested at Wash satis. Lists changes to be made in specns. W
262577	11/24	To Crocker Wheeler Co	
262896	11/24	To SEA	Reqt shipt of radio sets for dirigibles from Wash to Montauk Pt. W
262897	11/24	To SEA	Reqt shipt of radio sets for dirigibles from Wash to Reckaway Beach. W
262898	11/24	To SEA	Ditto to Pens. W
263492	11/26	Wm Siebenmorgen	Generators for navy airplane radio sets confirms Aerogan gas for the C&C Co. W

AIRPLANES; RADIO. 918

Number.	Date.	From or To	Subject.
263390	11/26	To Akron T	Ask if dirigible radio set still at Akron. W Akron (T) yes 11/27
263617	11/26	D.J. Simons	1/2 kw airplane transmitters-fwds additional prints. W
263662			
263662	11/23	Wash	E.J. Simon aeroplane fans; fwds report of test on. W
263707	11/14	European Forces	French radio apparatus for aeroplanes; fwds description of that considered best by the French Ministry. W
263305	11/26	To Akron 3	Test of Type "C" radio equipment for dirigibles. Directs inform Bu when assembly is complete so can send representative to witness. W Akron 11-28
263769	11-27	Crocker, Wheeler Co	EB-12/29
		To Wash - Directs trace shipment 12/19	One-half kw aeroplane generator tested at navy yard; will be shipped request be shipped to Cutting & Washington. W
		To & Cutting & Wash - 12/20	To Wash - Instrns as above. 12/1
		To Cutting & Wash - Ask if have received generator. 1/3	Op 12-14
		Cutting & Wash - shipped by express	12/2 - 2/11 - W
264313	11/24	Washn Yard	Aerofan generators submitted by Sperry Gyro Company-fwds report of test. W

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
✓ 261342	11/5	L.J.Lesh T	R-6 fuselage request blueprints.DA
✓ 261409	11/16	DeForest Co	Fans for airplane gen sets will place order with Simons upon receipt of reqn covering.D To—11/22
✓ 261463	11/14	Pensacola	2 1/4 kw oscillion tubes forwarded to Pensacola by De Forest; relative to payment.W
✓ 261530	11/17	Crocker, Wheeler Co	Fwds copy of request from Aviation and Aeronautical Engineering, for certain information to be sent to Sergeant Robert E. Patchel.W To—Disapprs.11/19
261604	11/16	Inspr Goodyear	Goodrich plan C dirigible radio and blower installation-fwds report on status. To—11/23
✓ 261740	11/19	To Crocker Wheeler Co To H-C Co.	E.J.Simon will furnish drawings of airplane generator free. W
✓ 261456	11/16	To E.J.Simon	Desireable to have aeroplane engine designed for set manuf by the C&C Co, H-C Co and Crocker Wheeler Co, as C&C Co cannot turn out enough engines. W J. Simon 11/21 To & Wireless Improve Co and Nat'l Elec Sup Co.—Auth apply directly to Aerogen Co in place of C&C Co for drawings of gen.11/26

AIRPLANES- RADIO. 919

Number.	Date.	From or To—	Subject.
✓ 261463	11/20	To Pensa	Two 1/4 KW oscillion tubes fwded to Pensa by De Forest Co. Bu will settle for. W
✓ 262226	10/24	Sims	Submits report on airplane radio apparatus used by British-fwds plans and specifications, etc. W
✓ 262652	11/13 11/20	Lindstavis Stokvis War Dept	Offers two airplane sets to Government at cost due to inability to secure export license. DA
✓ 262836	11/23	E. J. Simon	Air fan for Simon Generator; have sent duplicate fan to Pensacola. W
262615	11/23	To OAR	Standard airplane transmitting set to be mounted in flying boats for foreign service. Fwds Vandykes with comment. W RB 1-18
262800	11/23	Akron T	Request information on revolution and watts of R radio generator for Dirigibles. W To—(T) Gives information reqtd. 11/26
263385	11/26	Akron T	Crocker, Wheeler Co are shipping Goodrich Co wireless generator design for 116 volt excitation; request instructions relative to test. W To—11/27

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AIRPLANES: RADIO.

Number.	Date.	From or To--	Subject.
259676	11/9	To Pensa	Test of Simon airplane transmitter in dirigibles. Instrns in connection with install of, and test of. W
	11/26	dirigibles. 11/26	
	11/23	To Pensa	
	1-17	Pensa	
	1/22	To Pensa	Pensacola (T) no opportunity to test Simon radio transmitters in dirigibles 11/27
259677	11/9	To Pensa	To--(T) Ask if rec Simon airplane sets for Mounting of Simon Airplane set on R-6 machines. Re: t lay-out plan be drawn up. W Pensa fws print 11/22
260090	11/12	Pensacola T	Directs return defection Simon generator to manufr. 11/20
		Pensacola--Crocker Wheeler	Crocker-Wheeler and Simon generators; fws report of laboratory test. W
		Co gen sets fws report of lab test.	To--(T) Directs hold test to determine if gen or generator is at fault. 11/14
		Pensacola T reat instrns 11/15. W	To E. J. Simon. Submits report of test. 11/14
		rel to return of defect-	Pensacola (T) Simon desires return of defective radio generator; request instructions 11/19
		ive Simons generator. 11/16. W	Aeroplane radio receivers submitted by Connecticut T&T Co; report of test. W
260055	11/5	Wash	
259909	11/10	To Pensa	Test of Simon airplane radio set over range 60-95 miles. Instrns in connection with test. W To--Reat infor re tests. 12/29 Pensa T-4
259921	11/7	To G. H. Clark, Belmar	Quotes telegram signed by L. J. Lash in connection with assistance in securing blueprints. W
260375	11/8	Pensacola	Airplane wingfitted for radio gen base-- fws prints. Fwd C&R--11/16 RB 11/24 Fwd C&R--12/14
260977	11/12	Inspr Curtis	Copy of letter to Splitdorf Elec Co directing them to ship all navy magnetos with radio terminals installed. W

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.
260554	11/13	Crocker, Wheeler Co	States direct current radio generator will be sent to testing department Nov 14th.W
260822	11/14	Sperry Co	States are fixing by ~~not~~ Mr Clark ~~about~~ fan equipped with adjustable brake to be used in connection with airplane radio set.
260682	11/14	To Pensa T	Crocker Wheeler say drop under load can be avoided by short circuiting one of two supplied field regulating rheostats. W
260669	11/14 11/16	Inapp Goodyear CER	Company ask if will be reimbursed for installation of 2 koban motors which they installed to replace Hendee motors in dirigibles A-247 and A-248.W Fwd S&A 11/22
260978	11/13	H-C Co	Aeroplane radio generator; states designers of last samples at their works and will submit prices as soon as they can give complete details. W
261003	11/14	Andetevae-Stokvis	States have 2 complete transmitting sets, De Forest type, on which export license has been refused; offers to government at cost.W Te—Refers to Army.11/19
259964	11/15	To S&A	R eqt skipt of trans set from Wash to E.J.Simon.W
261075			To E.J.S imon--Radio Lab Pensa moved to Hampt Pds.1/2 (over) J. Simon 1-17

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AIRPL. MES. RADIO

Number.	Date.	From or To—	Subject.
✓ 256591	10/24	Communications	Fwds publication by Expert B.S. Messner, on "Aircraft Radio;" asks for Bureau's sanction. W Fwd Yense—10/30—RB—11/7
✓ 256621	10/22	E. J. Simon	Navy standard aeroplane set; fwds additional vandykes; gives list of firms who have been supplied with copies. W Simon additional prints 10/25
✓ 256288	10/23	To B.F. Goodrich Co	Generator will be fwded to point of destination of dirigibles at same time that remainder of set is shipt. W
257076	10/27	Natl Elec Sup Co T	Received no copies of proposals for aeroplane sets. W
257173	10/27	E. J. Simon	Navy standard aeroplane sets; additional revised drawings; submits list. W
579	10/27	Fwd S&A	Rec of award for radio trans sets for aeroplanes. W
257402	10/29	To E. J. Simon	Fwds copy of report on radio airplane receiver. Comments on. W

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.
✓ 258008	10/31	E. J. Simon	States have given order for aeroplane receiving sets: will use type J Weston Elec electron relay. W To—Submits information re bulb. 11/14 Simon 11/16 To—Comments on. 12/28
258027	11/1	To Pensacola T	Auth 100 magneto radio sets, total \$1500. incorporate modified handle on airplane reel under manuf. W
✓ 258176	10/31	B. F. Goodrich Rubber Co	Reports on development of radio set under revised plan C. W
✓ 258208	11/2	To GE Co	Aircraft radio transmitter of a range of 1000 miles, with a limit of available weight of 500#. Best comments on W GE Co submits report on status of 11/16 To—11/14
✓ 258779	10/31	Bu SR	Instructions for installing De Forest dirigible radio sets. W
258967	11/6	To Pensacola T	Ask when Crocker Wheeler Airplane radio generator may be expected to be received. W Pensacola (T) reports status of test: will submit report Nov 15th 11/7
✓ 259878	11/8	Pensacola	Fwds special report on maximum closed circuit capacity permissible for radio use with seaplane ignition magnetos. W

AIRPLANES: RADIO.

1917

Number.	Date.	From or To—	Subject.
✓ 254509	10/2	E. J. Simon	Zeppelin type airship: fwds preliminary specifications of elec equipment as submitted by Connecticut Aircraft Co. W (Personal to Clark)
✓ 254571	10/13	To War Dept Sec Sig	Airplanes radio sets ordered for Signal Corps by Navy Dept. Are ordering 100. Reqt confirmation.
✓ 255244	10/17	C&R	Parts of aeronautical instruments purchased in France: states have requested 3 cases be shipped to Bureau. W Fwd Wash—10/23
✓ 254929	10/17	To Firms	Fwds copy of specs for aeroplane radio sets, based on E. J. Simon Design. Reqt figure bids in advance of proposals. W Wireless Improvement Co 10/18 Amer R&R Corp 10/20 Amer R&R Corp request plans 10/20 To Amer R&R Corp—10/29 Marconi Co 10/26 Natl Elec Sig Co fwds blueprints 12-11
✓ 255493	10/19	De Forest Co T	Curtis Co telegraphed to ship second generator for #2 dirigible. W

AIRPLANES: RADIO. 918

Number.	Date.	From or To--	Subject.
✓ 255585	10/11	Inspr Akron	Fwd blueprints covering radio for use on dirigible; recommendations. W To via Pitts--10/23
✓ 255522	10/17	To Keben Mfg. Co	Recd blueprint of motor are going to supply. Goodrich Co say with few minor changes will be satis. W Co 10/24
✓ 255796	10/19	Wireless Improvement Co	Request Bureau representative visit and inspect and submit report on facilities for turning out aeroplane transmitters. W
✓ 256225	10/17	Wash loan E. J. Simon request list of Western Elec bulb for use in design of their receiver 11-30	E. J. Simon aeroplane radio receivers; submits report of test. W To E. J. Simon--Recd make up six receivers for service test. 11/9 Simon 11/13 To E. J. Simon--11/17
✓ 256089	10/22	To De Forest Co	Will test 1/2 KW airplane radio transmitter when completed at Wash Yard. W
✓ 256451	10/24	Amer R&R Corp	Aeroplane sets and spares, requisition 580; request copies of requisition. W

AIRPLANES: RADIO.

Number.	Date.	From or To--	Subject.
251332	9/14 9/26	Supt Constr Curtis Co C&R	States will install a governor, to be used for running radio generator; will necessitate specially designed engine. W Fwd C&R 9/28
251077	9/26	To M. Is.	Elec characteristics airplane radio sets. Submits data. W
251540	9/14	Lt Robt A Lavender	Aeroplane radio transmitters. Simon, Marconi, De Forest, Sperry and Rouzet; fws report on witnessing of comparative test. W
251525	9/27	To Penss To Crocker Wheeler Co. Will advise results of tests. 10/5	Fwding express receipts for Crocker Wheeler Cos radio generator. W Crocker Wheeler Co fws invoice and bill of lading covering 10/2
251730	9-28	To Aero Sta	Development of radio compass for radio air craft. Directs take up with Penss at earliest convenience.
251803	9/28	Dept	Req that 2 seaplane radio sets be Supplied San Diego air station. W To S&A. Reqt ship of radio sets from Wash to San Diego for Naval Air Station. 10/15 To S&A cano ship order 10/15/17 1/31 20
252566	10/3	Emil J Simon T	Bringing aeroplane set personally to Wash tonight; request meet with Major Toliver, Signal Corps. W

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AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.
✓ 252725	1 0/2	NY	Description of German air ship equipment; fwsd copy of report submitted by Connecticut Aircraft Co; believe to be written by electrician who has seen service with German air fleet. W
252920	10/2	E. J. Simon	1/2 kw aeroplans sets; reports inability to reduce quotation and fwsd price on spares to be supplied. W
✓ 252888	10/2	Electro Importing Co	Calls attention to their aeroplane set which they have developed; request be placed on mailing list. W
		To—Comments on prints. 12/14	To—Comments re size of. 10/19
			Electro Importing Co--11/13. W
			To Wash. Drawing of. 3 fwsd. 11/21
252918	10/3	E. J. Simon	Test of Crocker, Wheeler, 1/2 kw, 500 cycle, aeroplans generator, combining DC exciter and AC generator in one machine; unsatisfactory. W
To—10/8			
✓ 253090	10/4	DeForest Co	Propellers for generator for aeroplane drive—recommendations for reducing speed of. W
✓ 253299	10/6	Natl Elec Sig Co	T Quotes price on Simon New airplane sets. W
✓ 253648	10/3	Radio Test Shop	De Forest and Sperry Co's 1/4 kw aeroplans transmitter generators; submits report on test. W

AEROPLANES, RADIO.

Number.	Date.	From or To—	Subject.
249946	9/12	Pensacola	Asks when 11 Sperry, De Forest, Marconi and Simon aeronautic radio sets will be received. W
To Pensacola	4/30		Fwd Wash—9/21
			Pensacola Air Sta 2/11 - W
			To Pensa—2/18
			Pensa Sta Radio set due should be fwded within next 3 weeks. W 4-18
249742	9/18	To Aero Sta	Radio antenna for airplanes. Submits construction of new type brought to attention of B n, and directs test. W
250095	9/19	Crocker, Wheeler Co	Reports shipment of aeroplane generator to Pensacola. W
			To Aero Sta—Directs test generator. 9/21
			To—Test auth. 9/21
250183	9/20	To Marconi Co	Airplane radio sets. Directs proceed with work on, and deliver as soon as possible. Submits certain points to receive special attention. W
			To Pensa—1/29
			To Western Elec Co—Reqt quotation on head telephone receiver. 1/29
			To Aero Sta—Auth purchase of one antenna reel of each type. 11/27
250483	9/21	Pensacola T	States Navy standard airplane radio reel better than Simons reel. W
			To Aero Sta—Directs proceed with design of antenna reel. 9/27
			To Pensa—Directs expedite design. 11/9
			Pensa 11/13
			Pensac design on antenna reel—fwd's print. 11/28. W
250416	9/21	To Aero Sta	Plans and ests of key for magneto radio set. Directs develop. W
			Pensacola fws plans and estimates for radio key 10/19
			Pensacola 11/5
			Pensa 11/13. 11/15. High tension keys record
			also to be sent in situation

AEROPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.	
250430	9/21	To Crocker Wheeler Co	A fter Signal Corps have completed tests of low power aeroplane transmitters for use in spotting from airplanes, Bu would like to carry on further tests of. W	
250672	9/21	To Pensaa T	Directs report relative value Simon and Navy standard airplane radio reel for 1/2 KW set. W	
250910	9/21	Pensacola	Request copy of reference sent with shipping memorandum. W To—9/26	
232355	9-21	Bay Shore Magneta Co	Will be ready in Oct.	736
251305	9/25	Emil J. Simon	Request authority to furnish Aero Club of America with photographs of aeroplane transmitter. W To—No objection to procedure. 9/28	
251171	9/25	To Constr Goodyear Rubber Co T	Directs expedite status Koban motor for radio set. W Insp'r Akron-Report on status of Koban motor- will be forwarded tomorrow. Nav. Constr Goodyear reports on status of 10/2	

AEROPLATES: RADIO.

Number.	Date.	From or To—	Subject.
✓ 247799	9/6	De Forest Co	Recommends that Coban 3 HP, 2 cylinder engine be installed on all dirigibles in connection with radio apparatus. W To—9/17
✓ 247911	9/6	Crocker. Wheeler Co	Snds test sheets and curves of their 1/2 AER. 1/2 kw. 500 cycle self-exciter wireless aeroplane generator. W To Pensacola—Snds copy of above letter. 9/8 To Aero Sta—10/1 To Aero Sta—Instrns re test of transformers. 10/4
247728	9/7	To S&A	Reqt shipt of radio trans set from Pensacola to Phila for Advance Base. W
✓ 248083	9/8	To Pensacola—5/5 Pensacola T Fwd Wash—1/24-RB-2/14 Pensacola Air Sta 1-16 To Pensacola—2/18 Pensacola Air Sta—reqt shipping instrnd. 2/27	States De Forest airplane bulb inoperative; request 2 by parcel post. W to S&A—Reqt shipt of air plane bulbs from Wash to Pensacola 9/11 Pensacola 12-18 1/2 kw airplane set. W To—9/17 Cutting and Wash—9/27. W To—10/8
✓ 247972	-6	Cutting and Wash	
✓ 249008	9/11	Radio Test Shop	Marconi Airplane transmitters furnished under contract 283.9 - quotes on test of sets - mechanical construction very poor states will hold together over 2 hours. To S&A—Reqt shipt of aeroplane radio sets from Wash to Marconi C o. 9/22

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AIRPLANES: RADIO. 918

Number	Date	From or To	Subject
✓ 248928	9/13	Pensacola T	Request spare De Forest airplane radio armature.W To S&A—Reqt shipt of aeroplane armature from Wash to Aero Sta. 9/14
✓ 249566	9/13	Pensacola	Fwds prints showing recommended alteration aeroplane antenna reel.W
✓ 249379	9/14	Pensacola	Simon aeroplane radio transmitter; reports on additional test; fwds photographs.W
✓ 249666	9-18	E.J. Simon	Cites increased facilities for manufacturing and gives number of sets that can be delivered in a specified time.W.
✓ 249700	9/5	Lt Robert A Lavender	Fwds report on test of counterpoises on dirigible, in connection with Airplanes.W
✓ 249344	9/17	To S&A	Reqt shipt of dirigible radio sets from NY to Wash
249565	9/17	To C&R	Counterpoises for dirigibles. Comments on new design of. W

1917

AIR LOG: RADIO

Number.	Date.	From or To—	Subject.
246542	8/23	Pensacola T	Re ports field coils of Sperry generator turned out; suggest Sperry and another generator in order to complete test.
✓ 245960	8/25	To Constructor Akron	T Ask if dirigible will be available Tuesday for test counterpoise. W
✓ 246254	8/29	To S&A	Reqt shipt of radio generator from Wash to Pensac. W
✓ 246656	8-30	Pensacola	Submits report on test of Simon transmitter with airplanes. W Pensacola — Request instructions Re further test of assigned set W 8/31
✓ 247009	9/1	Pensacola T	Rouzet transmitter; reports result of test. W
✓ 247148	9/1	Pensacola T	State no further test can be made with De Forest, Sperry and Marconi sets until defective parts have been replaced. W To—(T) No further report desired. 9/4 To—9/5

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.	
✓ 247626	8/13	Marconi Co London Office	Provides description of their latest type direction finder installations for shore station and on shipboard. W	919
✓ 247493	9/5	To Crocker Wheeler Co	Comments re designing smaller and lighter generator unit for De Forest dirigible sets. W To 9/8 Co request authority to use machine open to ventilation 9/18 To 9/20	
✓ 247723	9/5	De Forest Co	States spare oscillion which Lt Lavender brought to Akron damaged, due to careless handling at Washn Yd; will repair and return to Washn. W To Ansys offer 9/17 De Forest Co--states bulb was delivered from test shop to Lieut Lavender. 9/18. W	
✓ 247555	9/5	To Aero Sta	Returns tracings of drawing showing aero plane antenna reel. W	
✓ 247795	9/5	De Forest Co	Request authority to allow delivery of 2 dirigible radio sets to Brook stand and deliver balance of order to Wash Yd. W To Gives action. 9/10 To Comments on. 9/15 De Forest Co 9/17 To Directs draw up plans for pulleys and submit same to Bu. 9/19	

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AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
✓ 244760	8/20	Pensacola T	Will require six weeks to make test W To--(T) Ask when complete report on aeroplane radio transmitters will be fwded. 8/20 Pensacola (T) states intend to use R-5 seaplanes as N-9 have not sufficient lifting power; request additional pontoon be shipped by express. W To Pensacola--(T) Directs submit report prior Sept 1st. 8/21 Fwd Dep. 8/23 RB 8/27 To Pensacola--(T) Procedure radio tests satis. 8/23
✓ 245278	8/22	✓ Marconi Co	Fwds copy of letter from Aero Club of America for photographs and information on aeroplane sets; request instructions. W To--Directs furnish no information to Mr. No dhouse. 8/27 Marconi Co fws copy of letter to Aero Club of America 8/28
245658	8/24	Pensacola T To Sperry Co--(T) Directs ship fan to Pensacola. 8/28	✓ Sperry aeronautic radio set; propeller blade of motor generator carried away during flight. W To Sperry Co--(T) Request furnish another propeller to carry on tests. 8/25 Sperry Co (T) can ship tomorrow; request shipping instructions 8/28
245754	8/25	Pensacola T	States 2 Simon generators for aeroplane radio set burned out during flight. W
245752	8/25	E. J. Simon T	Request further time in order to complete test now being conducted on aeroplane radio sets. W

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.
✓ 245764	8/25	Pensacola T ✓	Filament for bulbs, De Forest aeroplane radio set, parted during flight. W
✓ 245909	8/31	Wireless Improvement Co.	Small radio outfit for aeroplanes: request Bureau procure from Cutting & Washington a small generator for experiments with. W To—8/29
✓ 245938	none	none	Reports on air test of Rouzet type aero radio transmitter. W
✓ 246027	8/27	Pensacola T	Generator, Marconi set, defective; test held up pending receipt of another generator. W
✓ 245797	8/28	Pennack, Chgo T	No dirigible available for test. W To Akron—(T) Directs test Thursday, 8/29
✓ 246067	8/28	Pensacola T	Reports on test with of Marconi set. W

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AIRCRAFTS: RADIO.

Number.	Date.	From or To—	Subject.
241437	7-31	B.F. Goodrich Co	Exds plans, specifications, etc.W
✓ 241877	7/28	Wash	Rouzier aeroplane radio transmitter: submit report on test of.W
✓ 242120	8/4	To Crocker Wheeler Co	Re it submit plans of same characteristics as supplied De Forest Co. only lighter weight. W Co speed adjustment for 2 kw motor generators; confirms conference 8/6 To—8/31
242470	8/2	The Phillips-Brinton Co	Ignition system, magneto for aeroplanes; reports will forward in short time.W
233484	REC CARD 10		To Con Aircraft Co--De Forest Co are sending models of their first type of divisible transmitter. Directs fwd sent to Glenn Hager Hollow Spar Co to be fitted to fuselage. C/8 Mass states model satisfactory 8/22

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.
242986	8/8	Bureau Standards	Low power aeroplane transmitter, direction finder receiver; reports on experiments in connection with use of in signalling. W To New London—Submits report from Bu Standards 8/14 Submarine Base 8/27 Fwd—9/1 To New London—9/5
243580	8/13	To Aero Sta	Fitting for mounting radio generator to wing being shipt. Directs test. W Pensacola 9/17
243779	8/14	Connecticut T&T Co T (Hinsckley)	States ~~test~~ apparently satisfactory; states accident to generator will postpone com- piston for about 2 weeks.
243805	8/15	To S&A	Reqt shipt of trans set from Wash to Aero Sta. W To S&A Repts cancellation of above 2-1
244334	8/13	Nav Attache, London	Plan of insulating parts of dirigible to be supplied by Westervelt. W
244367	8/17	To Constr Akron via Pitts	Directs inform Bu when dirigible with radio install is ready for test. Dirigible School (T) dirigible assigned will fly Tuesday 8/27

AIRPLANES: RADIO.

Number.	Date.	From or To--	Subject.
✓237696	7/10	De Forest Co	Radio set for dirigible; asks when test is to be made.W
✓237845	7/10	De Forest Co	Radio transmitters for airplanes; rel to use of two blade switch in lieu of three blade.W
238634	7/14	Connecticut T & E Co	Light weight radio sets for use on hydroplane, submarine chasers, etc; fwsd photograph; request orders.W
238781	7/16	To Pensacola	Ask when report comparative test Marconi, Sperry and DeForest Seaplane radio sets be completed. W
239648	7/19	Splitdorf Elec Co	Asks if current for radio purposes must be both negative and positive waves, in connection with magneto.W
239634	7/20	To Sperry Co	Reqt expedite delivery to Crocker Wheeler Co of a fan propeller for a wind driven aeroplane generator.W
239782	7/21	To Pensacola	Sperry Co are expediting work on fans for Crocker, Wheeler Co's radio generators 8/1
23902			Instrns re test of Rouzet aeroplane transmitter.W
			Phila 1-12

AIRPLANES: RADIO 918

Number.	Date.	From or To—	Subject.
✓ 239798	7/21	To S&A	Reqt shipt of aeroplane radio set from Wash to Pensac. W
240436	7/25	To Comm Tele & Elec Co To—(T) Test auth. 8/7 Pensacola reports on partial test made on transmitting sets submitted by the Connecticut T&E Co 8/14	Directs take airpale radio trans set to Aero Sta for test. W To Aero Sta—Test auth. 7/25 Co (T) request authority to have their radio set tested at Aeronautic Sta 8/7 To Pensac—(T) Auth test of Conn T.&T Co apparatus. 8/7
240437	7/25	To Goodrich Rubber Co Goodyear Co reports on status 10/2 Goodyear, Inspr at, 10/2 To Goodyear Inspr—Appvs ests. 10/8 Inspr Goodyear reports on test of Koban motor, in connection with aeroplane sets; fwsd prints 10/11 Fwd S&A—11/9	Reqt info re plans for light generator for use with De Forest dirigible radio trans. W To Akron via Pitts—Fwsd plans with comment 8/2 To Supt Constr via Pitts—9/19 Supt Constr Aircraft Akron submits comments on radio for dirigible 9/28 Akron fwsd requisition 11/1
✓ 241016	7/28	To Aero Sta	Instrns in connection with test of Simon Radio Transmitter. W
241197	7/30	Insptr Akron T	States no radio sets for dirigibles on hand. W
✓ 240922	7/30	To S&A	Reqt shipt of transmitters, etc., from Wash to 1st Dist, for Aviation Detachment. W
241646	8.1	Insptr Akron T	Dirigible with counterpoise badly damaged today; will not be available for at least one week. W

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AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.	
✓ 234699	6/20	Copely Mfg Co	States Aerothrust Co changed design of engine and request new type number be used on sets mounted with new type engine. W To—Assign type number. 7/28	
234807	6/21	To Sperry Co Sperry Co request payment 1-13 Fwd Sci—1/28	Ask what assistance is desired from Bu in connection with test of torpedo plane. W Ord 10/13 To Inspr Ord—10/17	
✓ 235485	6-23	Insptr Akron	Rel to addition to dirigible of copper mesh counterpoise in connection with radio. W	
✓ 235619	6-26	De Forest	Asks if desires radio set shipped to Akron or to radio test shop Wash. W	
✓ 235651	6/23	Aero Sta	Submits report on the use of ignition devices on internal combustion engines, (magnetos), for use as radio telegraph transmitters on aeroplane, motor car and motor patrol boat radio sets. W (Cross to magnetos) To—Reqt ests. 7/12	
235123	6-26	To Nav Intell	Use of magento as radio transmitter submits brief outline of present status.	652
918	6-27	De Forest Co	Sets for dirigibles; asks if to be delivered Washington and NY	629

AIRLINES: RADIO.

Number	Date	From or To—	Subject
✓ 235607	6/26	Lt W.A. <u>Lavender</u>	Fwds report of test of radio apparatus for dirigibles at Akron with recommendations relative to use of copper mesh counterpoise, etc. Fwd Dept—5/29
233458	6-13	To C & R	C. counterpoise for dirigibles. Instructions for installation. 736
✓ 236217	8-29	De Forest Co	Rel to use of aluminum sheet in place of copper ~~for use.~~ ~~to—~~
✓ 236094	5/30	To C&R	Radio equipment of dirigibles. To install ~~of wire~~ and equipment ~~relating with~~ ~~the~~ ~~use of~~ ~~small~~ ~~engines~~ ~~used for~~ ~~blower on~~ ~~dirigibles.~~
✓ 236935	7/5	Pensacola T	HUNTINGTON; request 6 radio sets and voice tube communication sets for aeroplane equipment. T O—(T) Appvd. 7/6
✓ 237040	6/30	De Forest Co Personal	Relative to sample bulbs in dirigible sets. W
✓ 237106	7/6	To Pensacola	Request of antenna reels. To estimate cost
To Aero Sta via S&A—Appvs ests. 8/20		Pensacola quotes price and quantity can deliver 7/12	
To Aero sta—Appvs drawing. 9/17		Pensacola antenna reels for aeroplanes; fws print 9/14	
To—Appvs new design for handle for antenna reel, with comment. 9/20		Pensacola fws prints of aeroplane antenna reels 10/19	

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AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
232710	6/8	Lt Comdr Robt W Lavender	Reports on trip to Akron, Ohio; reports on suitability of buildings, balloons, aero insulators, etc.W
✓ 232859	6/8	Wash	De Forest o/2 kw sustained wave transmitter; fws report.W
✓ 232970	6/9	De Forest Co	Dirigible transmitter on test no weakness developed; now ready to be taken to Akron.W
✓ 232843	6/9	To NY	Strain insulator for use in suspension dirigibles. Rept type recommended. W NY fws print showing strain insulator for use in suspension dirigible sets 7/6
✓ 233261	5-28 5-7	SEATTLE USS ti fit	Reports in detail on airplane radio communication.W
✓ 233344	6/12	Dirigible School, Akron	T Asks when radio set will arrive.W
✓ 233374	6/12	To Insr Goodyear T	Radio install will be supervised by De Forest. Notify Bu when car ready for install. W Dirigible School - "C" dirigible car ready for install. Installation 6/14 W

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.	
✓ 233595	6/14	To S&...	Reqt ship of instruction sets from Wash to Dirigible school. W	
✓ 23396 ^U	6/15	C&R	Radio set for dirigibles; fwds prints. W	
✓ 233640	6/15	To Sperry Co	Fwds report from Atl Torp re 75 watt aero generator, and requests give matter attention. W Co 6/29.	
✓ 233841	6/15	To De Forest Co	Fusilage for dirigible now available at Akron. Ask if can test on June 21st. W	
✓ 233864	6/14	To Inspr Akron T	Representative of De Forest Co will arrive June 19th to superintend radio install. Directs co-operate with. W	
✓ 233887	6/15	To Atl Torp	Aero-line radio communication. Detailed comments re apparatus. W	
233458	6/13	To C&R	Counterpoises for dirigibles. Instrms re installation. W	736
✓ 234243	6-18	Dept	Directs Bu provide seaplanes with radio equipment in connection with test of spiral arial torpedoes. W	

1917

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
✓ 230399	5/26	To Nat'l Elec Sig Co	Fwds copies of schedule 28, specs of radio equipment of aeroplanes.
230763	5/28	To Akron	Availability of dirigible for radio test. Instrns re test. W Insr. Pitts Ask when radio set will be available in connection with test on dirigible. WS-6. Pitts test on dirigible radio set at Akron. 5/24
✓ 230775	5/28	To De Forest Co	Ask when first radio sets for dirigibles will be ready for shipment and test. W
231015	?	Dr. L. W. Austin	Reports on antenna for dirigibles. W
231105	3/30	Dr. L. W. Austin	Fwds report on counterpoise for radio antenna for dirigibles. W
✓ 231419	5/31	To Dr. Alexanderson	Submits information re radio aircraft sets. W
23964	5-30 6-2	Century Teleg. Co S&A <u>VOID</u>	Has price for special power machinery. WS
✓ 231617	5-23	Sperry Co	Aerial compass repeater; data on. W

1411

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
✓ 231578	6/2	-----	Report of conference, on subject Aircraft Radio, Bu of SE May 30th, 1917. Re future procedure. To Aero Sta--Fwds copy of above. 6/2
✓ 231636	6/2	To Sperry Co	Aeroplane compass repeater. Fwds to Bu Navn. with reqt be made standard. W
✓ 231921	6/4	Sperry Co T	Promise two sets 6/11 - remodeled sets depend on result of test motor W
✓ 232484	6/6	Insp'r Buffalo To Directs return models to De Forest Co. 7/27 Buffalo unable to locate 7/31 To Mass--Directs test De Forest type of dirigible transmitter when received. S/S	Copy of letter to Eugene Prayer Hollow Spar Co; fwds models for dirigible radio installation, contract 804-1/2. W To Ask what models were shipt to Eugene Prayer Hollow Spar Co. 7/20 CARD 15 Buff 7/24 To De Forest Co--Buff instructed to return original models. Directs check up 7/27 Test of magnets. Intrinsic re test of Berkshire Magneto Company's magneto. W Aero Sta Co will ship magneto for test 6/15
✓ 232370	6/7	To Pensac	
✓ 232579	6-6	Dirigible School	Reqd be supplied with 32 radio blinker sets; for training purposes. W To Gen--Reqd shipt of instrn sets from Wash to Dirigible School. 6/12

1917

AEROPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 224897	4/26	To GE Co	Reqt test at Navy Aero Sta of "visual" receiving device. W GE Co. rec confer with signal corps. 5/1 To--5/5
225204	4/27	DeForest Co.	Transmitter panels for dirigibles Radio sets— changes in W To--Cannot order 24 add'l dirigible sets at present. 5/2 De Forest Co gives cost of first design airadio transmitter 5/3 Fwd S&A--5/8 Fwd S&A--5/31 EB 6/6
✓ 22769	5/8	To Crocker Wheeler Co	Reqt test of special 500-cycle aeroplane type generator at Aero Station, recently on test at Signal Corps Laboratory. Crocker, Wheeler states will ship alternator for test at Pensacola 5/11
✓ 227070	5/8	To Curtiss via C&R To De Forest Co—Fwds copy of letter from Curtiss Co. 5/28 De Forest Co gives dimensions 5/28	Acknowledges receipt of drawing showing preliminary layout of fuselage for 28' dirigible. Comments on drawing made from same. W Buffalo 11 reports nonreceipt of prints 5/17 To--Fwds drawing. 5/17 Insp. Curtis gives dimensions. 5/22
✓ 227308	5/9	To Aero Sta	radio sets for aeroplanes. Instrns re comparative tests to be run. Aero Sta request instructions relative to testing radio sets 5/24 Fwd Dept--6/2
✓ 227585	5/10	To GE Co	Visual detector for use on a radio set. Communication received signed by Mr. Alexanderson. Comments on. W

AEROPLANES, RADIO. 918

Number.	Date.	From or To—	Subject.
✓ 227783	5/5	NY	Transmitting bulbs of Amer manf being used in Germany for airplane sets; information obtained from Fritz Dan der Woude, now consulting engineer for Simon. W. To Nav Intell--Rec matter be investigated. 5/12 Naval Intelligence reports on use of audion bulb on Amer. ship. 5/22
227946	5-3	De Forest Co	Batteries for dirigible radio sets; have cancelled order for wooden cases; will use separate steel cases for a and b batteries. 882-1
228567	5/16	SEATTLE R	Request shipment of fibre for reels, for aviation antenna. W To SEA--Reqt shipt of fibre and wire from NY to SEATTLE. 5/17
228584	5/16	To Dept	Reqt detail at Naval Station, Penss, two seaplanes and one pilot for testing of radio apparatus. W RB 5-26 Fwd Dept--5/28
✓ 229784	5/17	De Forest Co T	Makes appointment for May 19th, in connection aeroplanes. W
229605	5/21	Natl Elec Signalling Co	Asks if Bureau has issued any special specifications for radio equipment for aeroplanes. W
✓ 230429	5/25	De Forest Co	Dirigible radio sets; request reimbursement for oak boxes completed before change made to steel boxes. W

Number.	Date.	From or To—	Subject.
✓ 222959	4/18	To De Forest Co	Re: models of transmitters, antenna battery box, control panel, receiver, etc. De Forest and Curtiss Co. sends drawing of antenna wheel and mounting 4/18
223785	4/18	W. C. Appleton	Radio set for dirigibles DeForest Co. W
223851	4/20	De Forest Co T	Generator for dirigible set; asks where shall be shipped. W
✓ 223753	4/19	To De Forest Co T	Directs deliver Wash first dirigible radio set upon completion. Contract will be awarded accordingly. W
✓ 223830	4/19	To De Forest Co	Directs visit Curtiss Co on Monday to make plans in connection with install of radio sets in dirigibles. W
✓ 224202	4/18	DeForest- Radio Co.	Dirigible panel set and submarine chaser sets W
✓ 223932	4/20	To Curtiss Co T	Representative Bu and Navy contractor will arrive Waco Monday, conference installation radio sets dirigibles. W

AIRPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.	
✓ 220195	3-27	Pensacola	Meisner, expert radio aide; will assign to experiment, test and inspection dept; regrets Lt. Loftin cannot give more of his time to radio work at station. Fwd New Ori--4/2 is 1-16 To--Comments on 4/16 RB 4-23 Fwd Aer. Sta--4/16	time
220732	-3-31	DeForest Co	Fwds sketch of sets for dirigibles and recommends receiver be on top control panel. W. To--Directs redesign and submit sketch. 4/12	
220776	4/3	To Aero Sta	Fwds blueprint showing layout of radio apparatus in aeroplanes. W RB 4-21 To E. J. Simon--Thankin for co-operation.	4/26
220264	3-26	Telephone DeForest Co	Radio sets dirigibles; re generators and audion control boxes. W	
✓ 222240	3-28	Loftin	Relative to experiments carried on with Bosch magnets as radio transmitter. W To Aero Sta--Reqt report be expedited.	6/22
✓ 222730	4/13	De Forest Co	Oscillation transmitters for dirigibles; fws prints. W	

AEROPLANES: RADIO

Number.	Date.	From or To—	Subject.
214845	2-13	Mott, TB	Radio outfit for airplanes; American representatives of the French companies. W
214849	2-3	SEATTLE	Airplanes 46, 49 and 51; radio installations; reports on/
215103	2/17	To C&R	Rec experiments be held at Wash to determine necessity of insulating the guys from hydrocarbon
		C&R recommends radio test be carried out at works of contractors: W	W
		states Goodyear T&R Co have expert who carries out similar tests	23/17
		To Goodyear Tire & R Co—no test of radio set on balloons.	Co, suspended from a building. 1/1 CARD 7
215158	2-16	Aero Sya	To C&R—Suggestions satis. 3/7
			No antennae reels received with seaplanes radio sets; asks if station shall manufacture. W.
			To Aero sta to manuf. 3/7
			To Aero corp—Test patch showing method of installing antenna reels on balloons to 49 and 51. 3/7
215752	2-23	Copely Mfg Co	At all reports trials of antennae reels 4/13
		To—Request quotations on manuf of one key. 3/22	Gas proof key for airplane sets and submarines; fws plans W
		To—Request reply 4/16	and key. Ori Sup via Comlt—For comment and rec. 3/27 RB:3-10
215968	2-24	Mott, TB	Copely Mfg Co will send quotation in few days 4/27
		Wm. F. Bonbright & Co	Represent French Company; asks if Bureau in market. W
		Fwd Nav Intel—3/16 RB 3-20	To—Not at present owing to stress of work. 3/7
			Bonbright & Co states sample set was sent Navy sent on steamer Chicago 3/8
			To—Will be pleased to test. 3/16
215827	2/24	To Nav Com	Bu is purchasing 16 radio sets for dirigibles; Nav Com to make arrangements about personnel to operate same. W
			To Supt New Orleans fws copy of Bu NSA reqn 314, covering 2-24

AEROPLANES. RADIO. 918

Number.	Date.	From or To—	Subject.
✓ 216143	2-16	New Orleans	Radio set for airplanes; recommends those shipped to station be not definitely assigned to Arianes but turned into laboratory for experimental work.W.
✓ 216145	2-16	Officer in Charge Radio Aircraft;	for Recommends student officer aviators be instructed in radio work.W
✓ 216097	2/27	To De Forest Co	Considers advi eable that light of oscillation tubes in LC dirigibles radio sets now under design be screened as much as possible.W
216669	2-28	Aero Sta	Gas proof key for airplane set; mfg by Copely Co. Fwds plans and recommends sample be secured for trial.W. Fwd Bost--For comment & Rec. 3/8 RB 3-26
216674	3-2	Aero Sta	Recommends against assigning radio sets to any particular airplane.W To--Harris auth. 4/18
216786	2-28	Aero Sta	Radio installations for dirigibles; fwds copy of rean 314; states specs contained in considered complete.W
217936	3-12	DeForest Co	Asks rotation of engine used for driving generator for dirigible radio sets.W To--Details not yet received. Comments 3/21 Crocker-Heeler Co copy of letter to Curtis Co relative to rotation of generators for radio outfits 3 26

AEROPLANES: RADIO

Number.	Date.	From or To—	Subject.
209910	12-22	Phil Sta	Asks probable date of shipment Kolstermeter; Phila states 4 ready Dec 23. W To—Have rected plans and sent from Phila for manuf of 6 aero Kolster meters. 1/3
206352		To Ports—(T) Sperry represent left Fwd S&A—1/5 78 1-9 SEE CARD 4 Sperry Co representative leaves for ports to supervise installing of sets on SEA-TLE's aeroplanes (No date)	NY Jan 5. 1/6 T To Sperry Co—Gives sailing data on SEATTLE. 1/3 To Ports—(T) 3 Aero radio transmitters for SEATTLE ship from Wash to Ports. 1/2 To Sperry Co—(T) will leave Ports Jan 8. 1/4 SEA-TLE radio sets for aeroplanes not received 1/4 Sample aeroplane set: fwsd letter from Lt Loftin: asky that delivery be expedited. W Fwd Wash—1/5 23 1-15 To—Set returned Jan 8th. 1/17
210360	1/2	De Forrest Co	OVER
211122	1-9	Ports	Seaplanes on SEATTLE: estimate for installing radio sets. W To—A pvs estimate. 1/12
211173	1-6	Loftin, Lr. Personal	Radio aero sets; reports on development of.
211230	12-28	Lt Loftin;	Radio sets; transmitting experiments; fwsd report. W
211464	1/13	To De Forest Co.	Lists specs and reqt infor and approx price of one oscillion type transmitter with associated receiver, for installation in dirigible shown in drawings enclosed. W Co gives description of parts to be manufd 1/19 To—Comments on in detail. 2/6

AEROPLANES: RADIO. 918

Number.	Date.	From or To—	Subject.
206352		OVER	Sperry Co understand installation on SEATTLE'S aeroplanes completed Jan 8 1/15 To Sperry Co--Acknowledges letter. 1/17 Seattle gives numbers 1/15
205391		SEE CARD 4	Fwd S&A—1/23 To S&A—Reqt shipt order of 11/14 of one low power radio trans set to MILWAUKEE be cancelled. 1/23 To S&A—Reqt shipt reqt of Nov 14th be cancelled, and set shipt to CHICAGO. 4/27
✓ 213517	2/5	De Forest Co T	Dirigible set; quotes \$1800 per set in lots of 16; \$1750 in lots of 20, delivery 60 days. W
✓ 214308	2-16	Aero Sta	Special radio report on noise conditions affecting radio reception on airplanes. W Reqt 4 copies of special radio report RF 3A 101. 2/16 Pensacola fws 4 copies special report 2/20 Revision of specs for radio sets for aero- planes. Reqt suggestions or rec. W/
214448	2/14	To Wash Pensa New Ori Supt via Comdt	NY (T) recommends 15 as minimum to obtain full power on long wave on gap shortly slightly short 3/1 to NY--(T) Rec says be not less than 15. Request of 15. Reqt rec. 3/1 Phila suggestions 4-6
			Phila will forward reply about March 5 2/27 Pur Sd 2 23. Phila 3/8 Post 2/28 Wash 3/1 Aero Sta 3/2 Phila will submit comment 3 or 4 days 3/7

AEROPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 205351p	11-10	At Torp Flo	Request data on airplane radio sets.W To—No data at present. 11/24
✓ 205423	11-13	Western Elec Co	Radio apparatus for aeroplanes; request appointment to discuss. W To—Lt. Loftin took up with Mr. Colpitts over 'phone. 11/15
205391	11/13	To S&A S&A reqt return of papers 1/17 To Sperry Co—Gives info re ship. seaplanes To S&A—Ask ~~ships~~ sets will be To—Gives action. 12/15	Reqt shipt of radio transmitting set from NY to CONN. W To S&A—Reqt shipt of radio transmitting sets from NY to various ships. 11/14 CARD 5 CARD 5
206352	11-23	Operations To S&A—Shipt reqt. 12/15 To Ports—Reqt est covering install ation. 12/15	Directs aerox on US WASHINGTON be equipped with radio ~~sets~~ sets.W To Sperry Co—12 aerox sets will be shipt to Wash after having passed test. 12/15 Reports on test of aeroplane radio set submitted under, with recommendations for award.
28	12-4	Wash	
207679	12/7	To Aero Sta	Phila will manuf six radio direction find- ers for aeroplanes; directs fwd Phila any data in way of dimensions, space to be oc- cupied, etc, which may be of assistance and submit Bureau copy of same
✓ 208195	12/7	New Orleans	Personnel for radio for aircraft; request steps be taken to train at least 20 oper- ators.W (Cross to operators) Fwd Navgn--Concurs. 12/13
✓ 208194	12/7	New Orleans	Short wave receiver; request ~~set~~ that most efficient one on hand be furnished.W To S&A—Reqt shipt of Portable radio receiver from Wash to New Orleans. W 12/13

AEROPLANES; RADIO 918

Number.	Date.	From or To—	Subject.
✓ 207183	12/11	To Yards Dir Nav Com and Stations. To Yards—Sent reply to letter 12/11. 2/17	Instrns re installation of radio direction finders in Naval Shore Radio Stations. W R3(Ports)2-17 Best finds plan of proposed installation. Case closed 1/10 To Bost—Plans and ests appvd. 1/16 To W. Is. s. mits estimate for Kolster meter 1/11 To W. Is. Appvs install waver changer and Kolster meter at Pt Arguello. 2/1
See 207183 919	12/11	To enter Alteration Portland, Me. Auth. 2/16 to 3-8	
✓ 205566	11-24	Entries to be transf to 207183-919 Wash DC	Aero radio sets; submitted under schedule 28; submits re ort. W
✓ 208624	12-12	SEATTLE	Aeroplanes; radio sets; for W To—Gives action on. 12/15 Ports (T) no mat recd 1-3
✓ 208758	12-13	NC CAROLINA	Have received no semi monthly reports on radio for air craft. W To—Pensa has report. Cannot issue to ship as well as yard. 12/18
✓ 209255	12-15 12-18	Aero Sta New Orleans	Fyds report on radio set used on British Aeros. W
209596	To Aero Sta—Auth manus or tele. 2/14 12-21 SEATTLE		Reqt head telephone for aero sets. W To—ask if desire receiving type only. 1/2 Seattle requires combined receiving and re-transmitting sets 1/15
✓ 209899	To Aero Sta—Reqt comment and rec on requirements. 2/5 Aero Sta have submitted special ports on telephones for aero service 2/8 12-11 Aero Sta—		Request receiving apparatus suitable for use on air craft; Supt recommends light weight receiver be designed. W Fwd New Ori via Comdt—For rec. 1/3 Feb 1-11 To Wash—Reqt yard undertake the design of suitable radio rec apparatus for air craft and manus one set. 1/12

AEROPLANES: RADIO.

Number.	Date.	From or To—	Subject.
✓ 199812	9-6	Geo H Clark	500 cycle generators for; describes those used by Signal Corps and those made by the H-C Co. DAW
✓ 200133	9-23	To Sperry Gyroscope Co.	G.H.Clark will visit on Wednesday. W To—Reqt Clark be not detailed not later than Wednesday noon. 9/25
201156	9-29	To Aero Sta--3 Aero radio sets are for experimental use. 12/20 Aero Sta To--Complete delivery should be made by end of Dec. 1916. 12/7 Aero Sta asks when sets will be delivered 2/5 To Sta -- next shipt of sets from Wash to Aero Sta. 2/14 To--Gives action. 2/14	Reports non receipt of transmitters and direction detector.W To Pensacola--Due for delivery within next 2 or 3 weeks. Detector will be shipped when finished at Phila. 10/7 Aero Sta asks status of delivery transmitting sets due for delivery latter part of Oct; also reqt copy of contract 75-12/2 Delay in tests of aero radio sets. Will arrange to have Lt. E.H.Loffin present when tests are conducted.W
✓ 201423	10/7	To Sperry Co.	
✓ 201819	10-10	Simon, EJ	Asks if Bureau interested in 200 watt oscilating type radio telephone transmitter for aeres.W. To--Lt. E.H.Loffin will call and inspect.10/12
✓ 201680	10/10	To Cutting & Washington	Understand are conducting tests receiving radio signals in an aeroplane using special soundproof helmets to deaden the noise. Would like to have representative witness operation.W
201156		ABOVE	Pensacola can make no assignment until type, weight and size are known 2/20 Aero Sta asks number of transmitting sets that will be supplied station 3/2

AEROPLANES: RADIO.

918

Number.	Date.	From or To—	Subject.
202320	10/14	To C&R	Radio air craft. Will purchase 75 radio sets for aeroplanes. Gives features wanted in these sets.
202570	10/14	Cutting & Washington	Head gears for receiving set, aeroplanes. W
203309	10/23	To Radio, Va.	Are installing about 75 radio outfits in air craft. Brought to Dir Nav Communi attention so as to provide for the necessary personnel. W
203398	10/24	To Phila	Rest descriptions and est for manuf of radio direction finders for air craft for night and overseas. W
203703	10-13 10-27	Western Elec Co C&R	Aeroplane radio sets: request authority to test Aero Fan in Wind Tunnel at Washn. W Fwd C&R—Noted. 10/30
204025	10-27 10-30	War Dept S&A	Radio transmitting sets for aeroplanes: fws report of Capt CG Galver on specs as shown on schedule 28. W To Col Squier—Acknowledges receipt of notes. 11/4
204370	10-28	Loftin, Lt. EF	Reports on trip in connection developing radio apparatus for Aeroplanes. C Fwd Navgn via Dept—11/4 RS 12-15

Number.	Date.	From or To—	Subject.	
176011	1/12	To Aero	Aeroplace radio equipment; have requested shipment of four aero radio sets to Pensacola for use of the aero service; gives instructions re installation; have requested New Orleans to detail Radio Gunner W.C. Bean to Pensacola to conduct experiments with sets 903	
185202	4/14	At Flt	Eyck generator and Dublier transmitter used in making a test of a radio aeroplane; fwds photographs	876
185604	4/11	Aero Sta	Radio for aeroplane experiments and tests	876
185775	4/21	Cutting & Washington	Reqt NY be given permission to listen in while making test of aeroplane transmitting set	903
187375	5/9	Lowenstein, F.	Buzzer set and set for aeroplane	876
187676	5/11	At Flt	Lowenstein to experiment with radio for flying machines	876
187596	5/13	To Comdr Air Service via Dept	Submits data on radio in connection with air craft	876
V189449	5-29	Pensacola	Request radio outfit for aeroplane be transferred from Station to NC CAROLINA. W Fwd Air Service— Asks what set was transferred 8/15 RB 9/13	
190139	6-1 6-5	Aero Sta -ept	Reports on test of radio installation on aeroplanes.	

AEROPLANES: RADIO: 918

Number.	Date.	From or To—	Subject.	
191064	6-17	To S&A.	Reqt shipment receiving set from Wash to Aero Sta for experimental work on aeroplanes. W Aero Sta asks if receiver is to cover one requested on shipment request dated Apr 8th 12/4	
191911	6-27	Nav Intel	To Pensacola—Will apply on Pensacola reqt 13, dated April 12/12 fwds statement that German Zeppelions are able to navigate by use of radio. P	8. 12/12
192297	6-27	Aero Sta Fwd New Orl--7/31 RB 8/8	Given requirements of radio for. W To Air Service via Dept. Pensacola-New Orleans—Outlines steps taken towards providing for development of radio sets. To Dept. Reqt detail of aero radio sets for purpose of making tests on. Wash. 7/20 RB 7/27 By has reqt shipment of 5 aero radio set for installation on aeroplanes; submit plans and estimates for. W To S&A—Reqt for shipment from Wash: 7/14	
199274	9-14	To H-C Co.	Auth to furnish firms with aero radio generator with reference to supplying such a machine for use with Navy aero apparatus. W	
39	9-13	TO Dept. (J)	Bids on aeroplanes; recommendations as to award	706
199411	9-15	To Department War. (Secsig)	Aeroplane radio motor generators: fwds copy letter sent H-C Co auth them to supply motor generators to prime manufs for use in connection with naval radio sets. W	

Number.	Date.	From or To—	Subject.	
34609	3/6	WEST VIRGINIA	Radio for aeroplanes devised by Chief Elec H. E. Morin and Elec Whitham	876
35488	3/24	WEST VIRGINIA	Reports experiments with radio in connection with aeroplanes	876
54056	11/3	Clark, G. H.	Radio for aeroplanes; suggestions for buzzer signals, etc	876
			1912.	
58334	1/11	To Exp Sta	Aeroplane sending set used in radio experiments; fwds bill from National Elec Supply Co and asks if all items have been received; directs return to Co	898
59130	1/19	To Academy	Radio apparatus for aeroplanes; directs prepare for shipment to Radio Station, Point Loma, San Diego, Cal.	876
66275	4/11	Marconi Co	Radio apparatus; fwds article on experiments with, in connection with aeroplanes, London	876
68360	5/30	M Is	Radio sets for aeroplanes; fwds recommendations of board with print	876
71344	6/13	Exp Sta File 187	Reports on test in connection with developing apparatus for use on aeroplanes	876
74019	7/20	Exp Sta	Test; reports on aeroplane radio tests	903
75454	8/7	Exp Sta 272	Fwds STRINGHAM's report on aeroplane radio tests	903

AEROPLANES: RADIO.

1914.

Number.	Date.	From or To—	Subject.	
130579	7/22	At Com Co	Quotes prices on balloon and aeroplane radio sets	876
			1915.	
146751	2/8	Office of Aero	Quotes cable from Naval Attache, Paris, relative to the purchasing of Rozet Aero Wireless system; recommends	876
146962	2/6	Wireless Imp Co	Reqt opportunity to bid on radio sets for aeroplanes	876
147293	1/12	Firth, John	Aeroplane radio sets; fwds pamphlet from concern manufacturing material for French army and navy	876
148210	2/23	Nav Intel	Rozet system of radio for use on aeroplanes	876
149087	2/24	Nav Intel	Radio equipment for aeroplanes; fwds description	876
149693	3/12	Col. F. Firth	Radio sets for aeroplanes; French type; fwds report on satis operation of	876
167767	9/24	Aero	Fwds report from Naval Attache London stating that Zeppelins are guided by means of radio from two widely separated stations in Germany	876 898

AIRPLANES RADIO CONTROL of

1922

Number.	Date.	From or To—	Subject.
14838-520-722-22		N S A Anagnosia Bu of Eng	Radio Telegraph-Radio Research Problem No 97A Radio controlled Airplane.
14808-553	8/18	N.Yd Boston---Eng	Radio Telegraph- Report on Radio Resch Problem No. 192A Radio Controlled Toypedo.
148895521	—	—	Radio-Control of Aeroplans.
14880-520	9/11	Eng---Bu Ord	Radio Telegraph- Radio Resch Prob. 97-A Radio controlled airplane.
14900-521	9/21	C-In-C Pac Flt	Comdt. Aircraft Sqds. Radio Controlled Sea Plane.
14879-521	9/23	Aero- Eng	Radio Telegraph- Guiding aircraft with electrically excited cables.

4-2181

AIRMAILS: RADIO CONTROL OF

1932

Number.	Date.	From or To	Subject.
14670-140	3/23	Ord-----N Gun Factory	Radio Telegram- Radio Control of aircraft
14530-521	3/20	Eng---CNR	Radio Telegraph- Radio Control of Aircraft.
14530-521	3/27	Ordnance Eng	Radio Telegraph- Research Problem on Radio Controlled Airplane.
14740-521	4/15	Aircraft Radio Lab to Eng	Radio Telegraph- Research Problem No. 97-A- Radio Controlled Airplane.
14400-552	5/16	Eng-Ordnance	Radio Telegraph- Radio Controlled Torpedo- original conception of outside reel for antenna.
14838-5207	8/22	ENG- W.A.S. AMECOSTIA D. C	Radio Telegraph- Radio Research Problem No. 97-A- Radio Controlled Airplane.
14812-521	7/13	Eng---H.A.S. AMECOSTIA	Radio base reel problem #7-A Radio Controlled Airplane.

IR LINES

RAD.

1922

Number.	Date.	From or To—	Subject.
607444	FROM OAND 224		S&A- Material shipt 3/14 W. 3/25 Aircraft, etc- 2/29/22. Rubber covered cable To Aircraft Pac via Phila shipment order 9637 cancelled cc Pensacola- S&A 4/1
615458 other side			
615833	3/7 3/27	Pensacola S&A	Lt. A. M. Darby ask if can purchase radio receiver in obsolete stock. W.
615945	3/13 2	Hamm Aviation	Report covering receiving and sending apparatus on hand. 7.
616841	3/7 2	War Dept JAG	Horton Patent- radio apprs for airplanes 896 compensation for use of by Govt. W

~~NAVY~~
 AIRPLANES RADIO

1922

Number.	Date.	From or To	Subject.
615458	3/28	To S&A 9956	Reqt shipment of equipments from GE to SU Aircraft Fac W RB 7/12.W
615683	3/30	To CX Anacostia	Research problem 15B Spotting Plane Non-Interference Radio equipment Reqt same be stricken from list W
615677	3/30	To CX Anacostia	Reqt description and Photographs showing equipment developed under problem be forwarded to Bureau W Anacostia- Recommends problem be not re- opened. 5/3 W
616236	3/30	Boston	Subm list of air craft radio equip in store at Boston in good condition. W
616321	1/31	Juan.	Subm report on receiving apparatus on hand.
616333	2/28 3/31	Juan. Aviation	Subm report on aviation radio material on hand. W Fwls S&A 4/4 W

Number.	Date.	From or To--	Subject.
✓ 614738	3/17	Aircraft Sect	Fwds model of wave change switch designed and developed at ~~Wichita~~ for radio transmitters. 7 To Aircraft Pac via Phila- Gives Lodn cc Aeronautics- Comar Atl-Pacific- Action Anacostia- Guam- Pensacola- Hamp Rds- Coco- Solo 4/1 To Aircraft Pac via Comdt- Gives Lodn 4/11
602182		fwdded from card 219	To Dept Fwds six copies of license W 3/23 To Dr 16 Gives copies of license. 7 license 4/15 via Annapolis Fwds cc of

AIRPLANES RADIO

1922

Number.	Date.	From or To—	Subject.
✓ 614580	3/23	To Aeronautics	Aviation-material on hand march 1, 1921- W RB 5/27 W.
✓ 614788	3/24	To Insp mat GE	Radio telegraph-aviation- Reconditioning of SE 1345 sets at naval aircraft factory Gives Action taken cc Phila 3/24
✓ 614842	3/24	To Annapolis	Development of muffler- Fwd correspondence listed- W
✓ 614847	3/24	To S&A 9937	Regst shipment of receivers from Boston to SO Aircraft Factory W RB 8/7 W
✓ 614848	3/24	To S&A 9936	Regst shipment of receivers from Washn to SO Aircraft Factory W

AIRPLANES

RADIO

1942

Number.	Date.	From or To—	Subject.
613677	3/14	Aviation	Copy of letter to Aircraft Factory submitting list of changes in PT-2 airplanes as regards radio.
613722	1/15	Aviation	Sum notes by Cdr. Hunsaker on vibration frequency of wires. 7.
613753	3/16	To S&A 9891	Reqt shipment of tubes from Washn to Supt Washn W
613751	3/17	To Boston	Radio aircraft transmitting sets- reqst inform in connection with W

1918
N. Eng. 194

AIRPLANES

RADIO

1922

Number.	Date.	From or To—	Subject.
614303	3/3	<u>N.J. Melchior</u>	Request diagrams for aircraft radio transmitters. To CO-1 Div. Fwd pamphlets 3/24
613758	3/18	To Comdt XI- CO Dahlgren- Aviation- apparatus, report on-requested W Pacific Fleet- Hamp Hds- XI- CO Aircraft radio material recd. 3/18 Atlantic Fleet	
614 859	3/18	To Pensacola	Fwd instruction booklets on aircraft transmitter for instruction purposes To Aircraft Fac Phila via Comdt Fwd instrns booklets 3/18
614551	3/20	Juan	Request early shipt of audio frequency transmitters. To Guam (T) gives status of shipment 3/21
614 078 TO CARD 239	4/5	To Aircraft Fac Phila via Comdt	Radio Apparatus for instln Airboats. manufacture of authd cc Aeronautics W Phila- Request auth to manuf strut mountings for operator. 4/12 Phila- Fwd Duralumin bracket with components on 4/30

Phila.

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Number.	Date.	From or To—	Subject.
613000	3/8	To Pacific via C-I-C Pacific Fleet - W Anacostia	aircraft transmitters - failure of tailast To Pacific via C-I-C ask to cancel Bureau's similar instructions let 3/8-3/10 To CC Anacostia - Request investigation and comment on failures by Comd Air Squad and by the Aircraft Lab 3/10 Anacostia - Comments on possible cause of trouble. 3/14 W.
613032	3/7	Anacostia	SE 1390 air & aft transmitter - report on test of To C-I-C Bn Standards - Request data be- submitted 3/30 RB 5/4 with data on design of antenna. W. Anacostia 5/15 Report on test of transmitting equipment W
613004	3/8	Anacostia	Report on voltage regulation of AC tube sets driven by cutting & Washington and International generators. W. Washington 6/21 W
613126	3/10	Pacif. Fleet Sqd. (T)	Request immediate shipment of audio frequency transformer for receiver. W To AA Request shipment of transformers from Wahnn to Pacific Fleet 9859 3/11 RB 8/22 W

Number.	Date.	From or To—	Subject.
612665	3/10	To Aeronautics	Request for air speed meter for Inspector of Eng Mat NY- W 53030-520 Aviation- Copy ship order cov air speed meter and fire tube from aircraft factory to Eng Mat NY- W order. 4/19
612918	3/10	To CO Eng Rds	Reqst status of shipment orders W Fwd Eng Rds 3/22 RB 4/7 W.
612670	3/11	To S&A 9648	Reqst shipment of equipments from Washn to Eng Rds W RB 6/2. W.
61			

ATTACHMENT 3

1922

Number.	Date.	From or To-	Subject.
611512	1/27	Chief. Air Sqd. (12)	Re most immediate script of addtl radio spares listed. To Aeronautics- Request rqn be numbered and fwded to SAA for action 3/13
611688	2/28	Aviation	Request furnish aircraft factory radio account installed in two VE-7 SF planes. To Phila Air Fty-reqt info re date of completion of repairs auth-comments re radio sets for 3. Phila- Aircraft Fty asks if 3 radio sets will be shipd 3/9. Aircraft Fty- Request action 3/29. To Aircraft Fac-no modification reqd 4/1 Phila- Ask if modified SE 1345 sets will be shipd to Aircraft Fty. 5/15. To Air Aircraft Fac via Comdt- rel radio sets 5/19
610622	fwdd from 610626		To SAA Request shipment of set from Aircraft Fac 3/2 Aircraft Fty- Request action towards furnishing radio set. 3/17. Fwds SAA 3/30 CO LANGLEY Subm list of material recd. 4/28 W. SAA- Copy action to Phila. 5/4 W. To CO- Rel shipment of material 5/6

AIRPLANE'S

1922

Number.	Date.	From or To—	Subject.
/611812	3/3	To CC 4 Aero Squad- Haiti- CO 1 Aero Squad San Domingo	Request month. report be made of radio material on hand W Haiti- Monthly report. 4/18 W.
/611735	3/3	To CC Anacostia	Request description of alterations needed to receive train receiving circuit- W Anacostia- 3/5 W.
603861	FROM CARD 222		Request action. 3/4 W. To SAA- Gives action taken 3/10

AIRPLANES RADIO 1922

Number.	Date.	From or To—	Subject.
603993	FROM CARD 227		1. Report on Aircraft Radio 2. Reports from various vessels. Anacostia- 4/25- recommendations W Pearl Harbor- Subm comments. 4/11 W Anacostia 4/30 W. Quantico- 5/4 W To Pacific Fleet via C-I-C Fwds listed remarks and suggestions 5/4 Atl. Air Sqn 5/11 W Pearl Harbor 5/4 W W. To SSI- Reqd disposition made of radio transmitter W 5/26 Quantico- 6/1 W Anacostia 6/31 W. Scouting Sqn. 1- 6/8 W. Pac Fleet 6/12 W Pearl Harbor 6/3 W Atl. Air Sqn 6/11 W. Quantico- 6/30 W. Anacostia- 6/30 W Atl. Air Sqn. 6/3 W To Agr Aircraft, Pac Phila via Comds- Gives extracts from report from Atl Fleet W 7/28 Quantico- Lists approx recd during July. 7/31 W Anacostia. 8/1 W CO SANDPIPER 7/31 W Aircraft Factory- 8/10 W. Pearl Harbor- 8/8 W Pearl Harbor 8/4 W Pac. Fleet- 8/14 W Pac. Fleet- 9/18 W To Atl Fleet- gives instrns 9/30 Pearl Harbor 9/12 W Anacostia- 10/2 W Quantico 9/30 W Atl. Fleet Batlshp. arce 10/4 W. Pac. Fleet 10/9 W Pac. Fleet- 10/9- 12 letters W To Squad 2 via 12 letters W Battle Fleet- gives inform rel addnl transmitters 10/21 R.H. 10/1 W

Number.	Date.	From or To—	Subject.
603993	FROM OVER		CQuantico- Monthly report. 10/31 '7 Atlantic Scouting Fleet. 11/4 '7 Pac Fleet 11/4 two reports PH 11/2 Report on aviation radio apparatus To C San Diego- 11/24 Anacostia 12/1 W San Diego 12/2 W Pac Fleet 12/4 W Scouting Fleet 12/7 W Quantico 12/8 W Pac Fleet 12/8 W Pac Fleet 12/11 W P. H. 12/5 W To C San Diego- gives inform rel tubes co Aero. 12/22

AIRMAILS RADIO

1922

Number.	Date.	From or To—	Subject.
610710	2/17	Anacostia	problem 73- B- investigation of Scott Starrington - recommends be installed. W. To CO Anacostia - Regt problem 73-B be stricken from list 3/31
610785	2/10 2/15	Pac. Air Sqd. Pac. Fleet	Modification of ME 1245 transmitter re- ceivers & adds photos and drawings with recommendations in detail. To Anacostia - modification of transmitter receivers - regt info re intensity of spark, etc - 2,28W To Air Sqd - Pac Flt - Bureau pleased with radio experiments, etc - reserves comment on alterations until more experience is gained - 3,1-W To Pacific Fleet - via C-100 - Pacific changes indicated 3/9
606993	FROM CANT 221		Pearl Harbor - Subm comments 2/9 W Anacostia - Sub monthly report 2/26 W Quantico - Sub monthly report 2/26 W Regt Copy action to Regt. Ads. 3/5 Pac. Air Sqd. 2/28 W - report on aircraft radio Pearl Harbor - Report all radio apps on air craft 3/1 W To Anacostia - Quotes few remarks from Comdt Pacific Fleet for inform and comment 3/16 Pac. Fleet - Monthly report from air sqdn. 3/16 W Anacostia - 3/2 W CO BENHAM Lists radio apps recd. 2/28 W. Anacostia - Monthly report. W. Regt - Copy action to Regt. Ads. 4/3 W. Torpedo plant Sqd. 1 - report on radio apps. 3/31 W To Squad No-1 - Gives instrns 4/5 To CO Anacostia - Gives remarks from Monthly Report 4/5 Marine Corps, Quantico - Report on a station Pac. Fleet - Adds monthly report 4/10 W. Atl. Air Sqd. Monthly report. 4/16 W.

1922

Number.	Date.	From or To—	Subject.
591975	FROM CARD 214		SAA- Copy action to Navy Sup of Oct. 2/25 W
603678	FROM CARD 220 (see card 220)		TO Aviation- 2/24- KB 2/28 stating all mont will be made to Washn. gov manuf of radio material. ^{Corinza} 6/28 To Washn- manufacture of ~~list~~ apparatus approved 2/28

AIRPLACES

RADIO

1922

Number.	Date.	From or To.	Subject.
8 567771	FROM CARD 204		Phila- Lists shortages. 2/13 W To Insp GE- lists shortages- reqt be supplied- 2:21-W S. GE- No shortages noticed when data was sent. 2/23/22 To Aircraft Fac via Comdt Phila- rel leads gives inform cc Insp GE Aircraft Fcty- Copy of letter to Insp GE submitting list of shortages on ship of transmitters. 8/21 W Insp GE 2 W To Insp GE- Request report showing the result of examination 9/28 x6068 -829 Insp GE- Request action in conn with CG 1144 tubes. 10/6 W To Insp Schenectady- Satis to have GE Co replace without charge tubes desired 10/14 WS Insp GE- 19 damaged tubes will be ret'd to aircraft fcty. W.
569010	7/15	To SAA 7705	Least shipment of aircraft from Navy Roads to Pensacola. W BB 5/15 W
609962	2/14	GE Co.	Awds instrms boo. for 3E-1390 - aircraft transmitting equip't.

Number.	Date.	From or To—	Subject.
609632	1/17	To CC Anacostia	Transmitter—Two photographs and prints Anacostia—two sketches and photos. 2/21 W
609955	2/18	To Bu Aeronautics	Radio Telegraph—Proprietary Requisition on Westinghouse Elec. & Mfg Co W
611712 card 228			
610662	2/9 2/20 card 228	Ham Rds. Air Sta. Aviation RB 5/4-22 W	Request radio apparatus be furnished for Langley To Phila-#9789-shipment of radio matl to Ham Rds-2:25-W To Washn-#9788-shipment of tubes to Ham Rds-2:25-W To Langley Avc Det-Ham Rds-2:28-W To Ham Rds-#9790-shipment of amplifiers to Air Det-2:25-W To S&A Det-#9791-shipment of Ant from Phila to Ham Rds 9/12 1/2
610661	2/2	Recd Harbor	Fwds communication report month ending 1/31. W.
610660	2/20	Aviation	Request detector tubes be furnished Bureau of Mines for further helium test. To Aeronautics-not available at present- makes proposition-ask if acceptable-2:25-W Aviat. on 2/17-#9792-shipment of 2/17 to Aircraft Eng Phila via Comdt no provision for suitable batteries can be made until result of alteration is determined 4/5

AIRPLANES

RADIO

1922

Number.	Date.	From or To--	Subject.
601394		FROM ARD 219	Phila. 2/8 7 To Phila. Instrns-2:21-W Phila- Copy of action to Aircraft Factory 4/13 W Phila- Instrns-2:21-W Aircraft Factory- Phila via CW compass coils. 7/25 Phila- Radio compass coil- fwds prints. 5/11 7 To Phila- Requests report cc Aircraft Factory 5/19 To Aeronautics- Requests action taken 6/28 Aviation- Copy action to Aircraft Factory 7/20 W Phila- recommendations cov changes in compass coil 7/25 To Mr Phila via Comdt change disappvd 8/2 Aircraft Factory- Ask if coil should be wound with Litzendradt wire 8/9 W To Manager Aircraft Factory via Phila- No. 18 wire to be used 8/31 W
609184	1/30 2/4	Pac. Air Sqd. Pac. Meet	609184 1/30 To SO Washn- No. 9744-shipment of radio telegraph matl to Ham Rds- 2:18-W To SO Washn- 9744- radio matl to Marine Corp- Reid-Va-2:18-W RB 3/9 W Phila- 2/8 7 To Phila- Instrns-2:21-W Phila- Copy of action to Aircraft Factory 4/13 W Phila- Instrns-2:21-W Aircraft Factory- Phila via CW compass coils. 7/25 Phila- Radio compass coil- fwds prints. 5/11 7 To Phila- Requests report cc Aircraft Factory 5/19 To Aeronautics- Requests action taken 6/28 Aviation- Copy action to Aircraft Factory 7/20 W Phila- recommendations cov changes in compass coil 7/25 To Mr Phila via Comdt change disappvd 8/2 Aircraft Factory- Ask if coil should be wound with Litzendradt wire 8/9 W To Manager Aircraft Factory via Phila- No. 18 wire to be used 8/31 W

Number.	Date.	From or To.	Subject.
609212	2/7	Pensacola	Type B batteries for use on aircraft receiving sets - request regular monthly supply of 50 be established. 7. To S&A-comments-2;20-W
609660	2/10 2/13	Aircraft factory Phila.	Storage batteries for aircraft radio receiving equipmt - request instrns rel to securing. Fwd Washn-2;25-W RB 2/23 W RB 3/11 W
609659	2/10 2/13	Aircraft factory Phila.	Recommendations cov. modifications of SE 1370 transmitters. 7. To Phila-auth alterns-2;25-W
609937	2/17	To S&A 9735	Test report of April 13/22. RB 3/27/22. 7. To S&A RC-111 report of April 13/22. RB 3/27/22. 7. To S&A RC-111 report of April 13/22. RB 3/27/22. 7.

Number.	Date.	From or To—	Subject.
607294	1/9	GE Co.	Subm photos of GE 1390 aircraft for use in compiling instruction book. W.
607444	2/2	To S&A 9027	Rest start of rest for Phila to Pensacola W Aircraft Factory 2/9 W To Phila via Coast- Gives intern. relation S&A- Copy action to Phila- 3/9 W.
605541	2/1	To CO Anacostia	Compass for small planes- Best design 919 or be completed and plans and estimates be submitted W
607962	1/23	Pacif. Air Bgd/	Ask when spare radio sets for DH-4 planes may be expected. W. To Pacific Fleet- GI's detail in tow 2/15
607551	2/3	To S&A	State of R. C. Aircraft Transmitters- Gives info W

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Number.	Date.	From or To--	Subject.
607534	2/4	To Inspector R.	Aircraft Agent Regat & Co. have description of aircrafts including full particulars of engine and of radio and insur GE-7 was copy of preliminary instr book for ~~new~~ aircraft transmitter. 2/17 W
585657		FROM CARD 211	Anacostia 2/6 W.
608034	2/7	To M&A 960	Regat shipment of part from Regat Co. to Pensacola W RB 5/16. W.

1922

4-3381

AIR-SEA-NAV-RADIO

1200

Number.	Date.	From or To—	Subject.
600194	1/27	TO CAA 1000	to CC Guam W RB 6/9/22.W
607130	1/27	Aircraft Factory	Ask if Bureau wishes addtl sets of emergency transmitter equip for F-5 boats to be manfd at Aircraft Factory. To Phila- Subm estimates. 5/22 0 W. Phila- Request action. 3/17 W. To Aircraft Factory via Comdt. Ack receipt of estimates 4/13
607129	1/27	Aircraft Factory	Modifications of securing bolt in antenna-reel handles- recommendations cov. W. To Phila via CC at 1. Notification TR 1/16 4
598655	1/27	Ham. Xds.	FWIS prints of AG tube set being experimented with. W 876
607276	1/5	Voco 3010	Monthly report of operations. W.

Number.	Date.	From or To—	Subject.
605357	1/19	C. W. Payne	Request inform rel to wireless telephone and telegraph sets for use in aircraft—ask if can purchase. Inform 1/19/22 Rmd SAA 1/23
603861 TO CARD	1/20 223	To O-I-C Brook	Request inform as to disposition made of material W Nav. Sup Depot—lists material held in store. 1/27 SAA—Rmds report from Navy Sup Depot listing radio materia. 1/31 W. To O-I-C Brook at from Brook to Phila 1/24 1/2 Request shipment of mat from Washn to Anacostia W RB 2/2 W.
604366 card 374			
603865	1/19	To SAA 9506	
605745	1/21	Aviation	Copy of letter to Detroit rel to pigeon boxes to be furnished for S-T- 1 and 2 planes. W
605741	1/21	To Washington	Washn—Ask if Bureau can furn unit. 3/10 W.

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AIRPLINES

1922

Number.	Date.	From or To—	Subject.
✓ 604256	1/11	Anacostia	Design problem SS- direction finder equip for small planes- report of test on. Anacostia- Exds photos. 1/18 To O Anacostia- report inform 1/2
✓ 604261	1/12	Aircraft Factory	Request 2 radio compass be turn out 1. Ship on -5 boats. 7. To Ltr Aircraft Fac Phila in Const- Gives Act on 1/18 To Phila via Const Gives Inform 1/20
✓ 604268	1/10	Aircraft Factory	Time of material for spring line over Radio 35k pit on F-5 sea lane- recommenda- tion. 7.
6.4446	1/11	Aircraft Factory	Helmets for radio and inter-communication- on all types of planes and ats- col to ss of war bags and cups. 7. To Phila via Const- Inform 1/10
6.4442	1/12	Aircraft Factory	Aircraft Bureau desires to install standard DR-4-2 1.111 on planes which will be sent to Philadelphia, Pa. 1/21 To Phila via Const Inform 1/21
14530-521	1/17-22	Eng Ord	Radio Telegraph- Radio Control of Air- craft.

1922

Number.	Date.	From or To—	Subject.
603992	1/14	To CC's - Stations listed	Monthly report of aircraft radio material Gives instrs rel 1/14/22
CARD 227			Anacostia 1/31-monthly report for January. W
			Quantico 2/1/22-monthly report for January 1/30 W
			Atl. Air Sqd. 1/21 - Monthly report. W.
			To Pac. Fleet - Gives instrs 2/11
			Gives instrs 2/11
			2/4 - Copy action to Insp. Mass. 2/14 W
605006	1/13	Anacostia	2/4 - Monthly report on aviation aircraft material. 2/11
			SE 1-45 radio generator installed on DH-4 -
			Same - report cov. failure of. W.
			To Pacific Fleet gives details inform 1/20
605268	1/4	Pearl Harbor	Aircraft submarine radio communication reports -
			Avds. W.
597678	1/17	Eap Sta	Subm progress report on aircraft engine
			manifler. W 736-76
605402	1/19	Aviation	Copy of letter to Quantico directing establish signals for dispatch and operation of planes en route. W.

Number.	Date.	From or To—	Subject.
603306	1/7	To S&A JAN 6	Reqt shipment of material from Washn to Harp Rus W RB 3/20/22 W To S&A Reqt shipment of material from Phila to Harp Rus 9485 1/7/22 RB 2/9 7
603605		fwdded from card 219	To S&A Reqt shipment of material from Harrington Roads to CO Harp Rus 9456 1/7/22 W S&A 4/17 7 Fwds S&A 4/24
603606		fwdded from card 219	

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1922

Number.	Date.	From or To--	Subject.
603883	1/10	Pacif. Air Sqd. (T)	Request supply spare springs for radio To Pacific Fleet (T) no springs available 1/12
604172	1/10	Aircraft Secty	FW 3 photos showing modification of To Aircraft Secty - 1/10 Phila. Generator bracket- fws prints with comments on. 3/9 W. To Phila via Comdt- Change appvd 3/22
604093	1/9	Atl. Air Sqd.	Relocation of radio generators on #5 air boats - recommendations co. 7. To Atlantic Fleet- West Radio INR 1/14 Atl. Air sqd- fws photos of instln with comments on. 3/3 W. To Aeronautics- Gives Action 3/16 Aviation- Copy action to stations. 3/25/22. W
603678	1/11	To Washington	Manufacture of spare material- Request preparation of estimates re exper- to nation- Req. t Inform. 1/8 Washn- Subm estimates. 2/15 W To Aeronautics-chargeable to Aeronautics- ask proper charge against appropriation-2:24-W
CARD 227			See RB on card 227
603936	1/11	To S&A 518	Request sh. pt of material from Anacostia to San Diego W RB 5/15 W.

Number.	Date.	From or To—	Subject.
✓ 601225	12/6	Coco Solo	Adv monthly report of operations. 7.
✓ 601394 CARD 225	12/10	Aircraft Factory	Request 20 radio compass be shipped for install on F-5 plane. 7. To Manila rel shipment of compass 12/28 cc Air Force Liaison Comd- Request bid be submitted 12/12- Request specimens of modified cc Phil 5/1
601758	12/22	Anacostia	Subm list of material nec to effect modifications of SE 1345 radio eqpts. 7.
6-1890	12/19	Atl. Sub.	Adv report of Div. 10 relative to communication between O-11 and US seaplane 1416- 7.
✓ 601963	12/28	To CC Anacostia	Request, ori. in connection with Section 11, 11-11-11 11-11-11 extended to cover listed certificate 11-11-11
✓ 602352	12/28	Anacostia	Fluctuations in wave length of tube transmitters detailed comments on cov theory causes and ex- periments. Anacostia 5/11 Request in detail. W

AIRPLANES

1921

Number.	Date.	From or To—	Subject.	
✓ 602414	12/27	Aircraft Factory	Fwds various prints. W	
589625	11/2	Fwd Anacostia	RB 12/29 with comments rel to operation of motor generator for tube set at Lakehurst.	898
602178	12/29	To S&A 9417	Re st. sent material from Phila to Quantico W RB 1/28 W	
1922				
602605	12/30 12/30	Atl. Air Force Aviation	Request auth to instal radio apprs on 4 torpedo planes. W. Aviation- Copy letter to Atl. Air Force approving instl. of radio transmitter and receiver on the PT aircrafts. 12/30	
card 220			Re st. sent 11/15/22 from Hamp Roads to Atl Fleet 9456 RB 3/20/22 W	
602411	1/31	To S&A 9427	Request shipment of material from Phila to Hamp Roads W RB 1/19 W	
602182	1/6/22	To Harvey C Hayes via Annapolis	Fwds speccons and photostat of plans Patent Application covering "Methods of App. rates for determining the direction of wave energy" W To Comm. of Patents 1/19/22 To Comm. of Patents 1/19/22 To C. I. via 1/19/22 Exp. st. sent 3/17/22 signed by dr. Hayes	
card 231				

AIRPLATES RADIO

1921

Number.	Date.	From or To—	Subject.
599440	12/6	Pensacola (T)	Request make ship of Aircraft antenna To Pensacola (T) will ship first Government convey- ance W 12/8
598765	12/9	To Anacostia	Special allotment to cover apparatus used on Radio Research Problem. cc Washn DC
599405	12/9	To Air Squads Pacific Fleet (T)	Insured parcel post. Addressed Lt Thomas L. S. S. S. contain two box two n. m. c. watt fans unclaimed. San Diego Cal Postoffice Mike arrangements claim W. Des Lauriers Co. Rust notice from Post master San Diego that package has been called for 12/8 W.
599973	12/9	Anacostia	Report on test of DesLauriers 350 Watt self regulating fan. W.
600186	12/5 12/13	Pensacola S&A	Request disposition of portable field radio sets. W. Wvd SEA 12/17

AIRPLANES RADIO

1921

Number.	Date.	From or To—	Subject.
✓ 600567	12/15	Aviation	Copy of letter to McCook Field directing radio apparatus for MB-3 planes be separately boxed and snipt with airplanes. W.
600592	12/15	Aircraft Fcty	Fwds drawings showing radio instln on F-5 boats. via Comdt Flan a. v. d 12/23 Aircraft Fcty- Request approve drawing. 12/27 W
✓ 600628	12/15	Aircraft Fcty Aviation	Recommendations cov change in location of radio generator on F-5 planes. W. Fwd Anacostia 12/21 38 12/24 W Fwd Ac on attcs 12/30 RE 4/10/22 From Atl. air Sqdm with detailed comments on W. Fwds Aircraft fac via CO Anacostia- Phila 4/14 RE 5/5 W.
✓ 601086	12/19	Aviation	Copy of letter to Inspr Dayton authorizing relocate radio instln on WA WS WD airplanes. W
✓ 601195 ⁸	12/5 12/13	PacF. Air Sqd. PacF. Fleet	Subm preliminary report rel to SE 1343 radio trans litter receiver. W. Anacostia 12/22 Comments on W. To C-1-C Pacific Fleet- Gives Intern 1/6/22 W

Number.	Date.	From or To—	Subject.
596352	12/2	To Insp Mat GE (T)	Three microphone plugs do not fit receptacle check future shipments W
568623	FROM CAR. 204		Atl. Air Force 12/2-Fwds monthly reports. Atl. Fleet- Quarterly report. 12/5 W. To SIA Regt. sh. Mat of 1 at from Atl Fleet to SO Paha 9.46 12/10 12/11/6 W Pacif. Air Force- 12/9 W. Pacif. Fleet- Fwds report. 12/22 (3) W. 12/31 W Atl. Battleship Force- Monthly report 1/4 W Pacif. Fleet- (T) Ask if monthly report taken place. of weekly report. 1/16/17 W. To C-1-C Pacific Fleet (T) Yes 1/17 W. To Pacific Fleet Regt report 1/31 Pacif. Air Sqd. 2/7- Fwds copies of reports. 2/7W
592956		fwdded from card 214	To Director, Bu of Standards Regsts further reports be furnished 12/7 W Bur Stand- Fwds report on experiments to determine effectiveness of shielding in eliminating ignition disturbances. 12/19 W

AIRPLANES

1921

Number.	Date.	From or To—	Subject.
✓ 598356	12/7	To Aircraft Factory Phila- Conor Air Squads Atl Fleet Stations listed-	✓ Radio compass -Improvements on- Grants Authy to incorporate changes on all present and subsequent radio compass installation Atl. Air Sqd. Report on improvements made. 5/9/22 W
✓ 599361	12/7	Pacif. Air Sqd. (T)	SE- 1345- aircraft radio transmitter failed due to blown fuse and loosening of screws holding tube plant. rust fuses before To Air Squads Pacific Fleet (T) rel fuses and lamps mailing of 12/9
✓ 598767 ⁵	12/8	To Bu of Standards	radio Research Problems Report for reports on- W
TO CARD 245			Bur Stand- 745 report on Workman teletype. 12/27 Bur Stand- 745 report on problem 75-B. 2/15 W
✓ 599609	12:8	Aviation	Ask type and dimensions of radio equipment for fleet airship No. 1. W
599662	11/29	McCook Field	rwds report on remodeled radio receiving set. W
598477	12/8	To Inspr Mat NY	Buda report with instrms WS
			629

Number.	Date.	From or To—	Subject.
597162	11/7	Pearl Harbor	Report on communications between aircraft and submarines month ending 10/31 W.
597161	11/19	Pacif. Destroy	Copy Request 35 complete radio sets be furnished for destroyers. W.
597 327	11/22	Anacostia To Aircraft Fac via Comdt 12/15	Recommendations cov modifications to emergency equip radio telegraph on S-B boats. W. To Aircraft Fac via Comdt Phila-Grants authy to make changes necessary 11/29 Phila-12:3-W
597380	11/23	Aviation	Copy of letter to Aircraft Factory directing make no radio install on DH-4-B ambulance airplane. W
597101	11/25	To B J Smith Aeromarine Airways inc	no surplus of any apparatus used in equipment which could be sold to civilian concerns Aeromarine Railways- 12/17 W
597810	11/28	Aviation	Copy of letter to Isspr Dayton requesting contractors make up samples of radio material required for WA airplanes. W.

1921

Number.	Date.	From or To—	Subject.
✓ 597750	11/28	A Crossley ~~CANCELLED See C 14450~~	Fwds report on inspection of automatically controlled airplanes at Dahlgren- W. To Gen Fwds Comment 11/30 521- W
✓ 597689	11/23	Post Off. Dept	Ask where aircraft radio spare parts boxes recd from Reno, Nevada, may be shipt in order to obtain credit. To— rel shipment of Material 12/2
✓ 598336	12/1	Pacif. Air Sqd. (T)	Recommends angle of steel stop pin on generator of radio set be modified. W. To Air Squads Pacific Fleet 12/2
✓ 598317	11/23	Anacostia	Report on test of coil antenna transmitter installed by Signal Corps on barge loaded by Station. W.
✓ 598452	12/5/21	Magnavox Co.	Subm quotation on Magnavox anti-noise aircraft microphones. W.
14402-521	12/1	Eng- Bu Aero	Radio Telegraph- Aviation- Class F Airplanes, radio for General information.

Number.	Date.	From or To--	Subject.
582715	SEE CARD 210		To Aircraft Pac Phila via Condt emergency transmitting equipment propellers for Grants Authority, for removal from stock of 11/12 W Aircraft Pacts- Ask if allotments should be requested. 11/17 W. Aircraft Pacts- Ask auth to remove hub propellers. 12/17 Ed Aeronautics 12/3 To Aircraft Pac Phila -- Grants Authority 12/6 Aircraft Pacts- Request information to proper authorities 12/20- 1/5 Ed Aeronautics 1/17/21
543034	SEE CARD 194	To Carlton D Palmer via CO Ham Rds	Patent Application covering improvements in "Means for creating Emergency power for Airplane Radio Generator System." Fwded cc Claim W Ham Rds- Fwded patent application cov improvements in means for creating emergency power for airplane radio generator system, by Lt. C. D. Palmer. 11/17 To the Commissioner of Patents Fwded application 11/29 To Lt Carlton D Palmer via CO Ham Rds Fwded Plan 11/30 To S&A- Gives instrns rel check 12/1 To Carlton D Palmer via CO Ham Rds Fwded instrument covering interest in and to improvements in means for creating emergency power for Airplane Radio Generator system 1/13 35 1/12 W To Lt C- Fwded copies of license 1/19 To S&A- Gives instrns rel check 1/17 cc license 1/17 To C D Palmer via CO - Fwded cc amendment 2/13/23 To S&A - Fwded instrns rel check 4/5/24

1921

Number.	Date.	From or To	Subject.	
✓ 595285	11/12	To Quantico	Radio material. Reqt report of W Quantico-11/21 W. Quantico-12/1 W	
✓ 595322	11/15	A. Crossly (1)	Inclement weather caused delay of one day in kite balloon experiments. W.	
✓ 596118	11/5	Aviation	Copy of letter to Aircraft Factory authorizing construct type TG airplanes fuding specific- ations. W.	
54122	11/14	Despr GE	Reqt instra booklet cov radio sets also specns cov Meter. SW	629
✓ 596370	11/5	Case Sale	Subm monthly report on operations month ending 10/31 W.	
596457	11/18	Aviation	Copy of letter to Naval Aircraft Factory stating 13 airplanes do not require electric wiring or radio. W.	
✓ 596653	10/18	Guam	Carried on successfully communications at short ranges between r-5 board and newly installed ground set. Guam - Weekly report. 10/18 W.	

Number.	Date.	From or To—	Subject.
✓ 92711	10/25	War Dept	Edw's report on apparatus for radio control of dynamic boats developed by Radio Dynamic Radio Torpedo Unit. W.
591975	10/26	To Atl Fleet	Emergency equipment supplying of— Regt Inform
CARD 227	9/25	To Atl Fleet	rel material received W
592729	10/26	Anacostia	Attyr force— Request apprs listed be furn. To S&A Regt shipmt of equipment from Phila to Atl Fleet 9/27 11/18 RB 3/30/28. W. Aircraft factory 1/19 W
592751	10/12 10/25	Indian Head Aviation	Type CW vacuum tube manufd by Western Elec. Co. Report of test of. W. Anacostia— Request authorize replacement of transmitting tube. 3/17 To S&A Regt shipment of transmitting tube from Washn to S Anacostia 9961 3/28 RB 8/1/22. W
592378	10/28	To Pensacola	Request magnavox anti-noise transmitter for hydrophone on plane be furn. W To S&A Regt shipmt of apparatus from Phila to Daighen 9082 10/25
✓ 592957	10/25	DesLauriers Co.	Request for report on airboats— Gives inform W Pensacola— 11/28 W
592956	10/26	Anacostia	Reprase tative will be in Washn. about 10/31 to discuss their special propellers. W. Re— Gives Action 10/29
To Dir Standards	11/10	Standard—	Request reports be obtained from Bureau standards cov Dr. Molster's work on audo frequency landing systems. W.
To CO Anacost	12/7	Edw's report	Bur std— Edw's copy report on localized signaling system for airplane landing 11/22 W

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1921

Number.	Date.	From or To.	Subject.	
592669	10/29	To aircraft Fac via Aero- nautics- Phila	Change in method of Antenna Transfer in Standard Installation of Radien Airboats W	
592985	10/29	To Co Anacostia	Permission to visit Radio Lab- E. A. Hagan Aircraft Copy- Copy Action to Aviation W.11/28	
593818	11/1	Anacostia	Affect on radio communications on change in position of magneto switch in VE-7 engine using discharge motor - report covering. V. Fwd Aeronautics 12/1 1/3/22 W	
593768	10/17	Nav Intel	German Admiralty report infer rel to radio compass and manner of installation airplanes. V	652
594905	11/1	Marine Isl.	Copy of letter to Aviation requesting allotment be made cov receiving eqipt for vessels of Pacific Fleet for month of November. W	
594488	11/8	To S&A	Transportation request aviation radio material Gives info re rel W	

AIRPLANES

1921

Number.	Date.	From or To—	Subject.
589708	10/5	Anacostia	instln of radio apprs in N-2 boat fwd photo showing - recommends addtl key to be installed. To Pensacola - Fwd 2 photographs & sketch 10/15 1619-12/15 report of rad 3 instln on N-2 boat Fwd CC Anacostia 12/24 RB 12/20 W
589587	10/10	To SAA	8952 W Request shipmt of wire from Phila to Anacostia RB 11/2 Aircraft Factory 10/20 W To Aircraft Fac - shipmt of wire shld be expedited cc Anacostia - SAA 10/26
590050	10/10 10/12	Aircraft Fcty Phila.	32 batteries in store tested and found to contain 50 containers. W. Phila 10/27 W To SAA Request shipmt of bat from Phila to San Diego 9107 11/3 RB 2/14 W Aircraft Fcty - Copy action to SAA 12/16 W
590056	10/11	Anacostia	Steel straps securing generating to base - broke during flight of R-5 boat - recommends increase size of. W.
590003	10/12	Aviation	Copy of letter to Aircraft Fcty requesting TS airplanes be bonded for radio. W.
590002	10/12	Aviation	Copy of letter to Pearl Harbor authorizing radio instln in N-9 seaplanes/ W.

AIRPLANES

1921

Number.	Date.	From or To--	Subject.
591090	10/7	Anacostia	Constant speed fans for aircraft radio equip - recommendations cov modifications to. W. Anacostia- 12-/9 Subm report of test. W.
591259	10/18	Aircraft Factly	Request auth ito install type SE 1370 receiver for experimental purposes. W To Phila- Grants authy 10/22
591334	10/4	Pearl Harbor	Request auth to return radio equip listed. W To C P H- rel material 10/28
591378	10/5	Pacif. Air force (T)	Aircraft radio apparatus- comments on instn. W. Pacif. Air force (T)- Rqst immediate shipt of 40 SE 1375 airplane radio sets. 10/19 To Pacific Fleet- Giv status of radio set as Aeron utics 10/22
591411	10 /19	Anacostia	Fwds sketch of transmitter modified for continuous wave transmission; also copy of instrns. W.
592220	10/5	Pacif. Air force	Main transformer leads of oscilation transformer breaks due to excessive vibration -fwds photos showing modification of. W. To Phila- Anacostia 10/26 RB 11/19 with photos. W To Pacific Fleet- Gives scheme involved by Anacostia which seems to have an advantage over method submitted by rest 11/23 Request 48 airplane sets. W.
592673	10/19	Pacif. Air force (T)	

Number.	Date.	From or To—	Subject.	
573845	FROM CARD 212		Pearl Harbor- Request copies of ship orders 10/24. 1/27 W. to P.H.- div's Action taken 7/16 Pearl Harbor- Material recd. 3/10 7.	

Number.	Date.	From or To--	Subject.
586985	9/22	Aircraft Factory	Radio instaln on DH-4-B airplanes- fwd's prints. 7 To Phila appvo 9/28
586299	9/23	To Aeronautics	Airplane at Naval Aircraft Radio lab- Gives instrns W Aviation- Request be notified when tests are completed 10/5 W.
587310	9/24	Dept	Ask number of ships and planes which will be equipt with type SE-1345 continuous wave transmitters before 1/1/22. LW. 586487-749 To Opns Gives Inform 10/4
587444	9/26	Aviation	Copy telegram to Hem.Rds. directing transfer DH-4 airplane 3390 to Acosta for duty in conn with radio experiments. W.
573845		FROM CARD 206	Aircraft Factory- Ask if shall continue test. 9/26W
		To S&A Regst shipmt of mat from Phila to SO P H 9019 10/24 RB2/3/23	Aircraft Factory- Fwd's photos showing condition of plates of stg battery. 9/29 W
Card		Aircraft Factory- 11/4 W	To Phila via Comdt Submits recomdn c/c Aeronautics 9/30
212 A		To S&A Regst shipmt of mat from Phila to Prg Snd 9141 11/8	To Aircraft Factory- Advise Phila- CO OHIO 10/6
		To Aircraft Factory- 11/10 via Comdt	To S&A Regst shipmt of mat from Phila to Washn 8939 10/6 RB-11:1
		Regst Inform cc S&A 11/10	To S&A Regst shipmt of mat from Phila to SO Req Washn 8940 10/6
		Aircraft Factory- Recommendations for canceling shipmt order. 11/16 W	To S&A Regst shipmt of mat from Phila to SO Brook 8929 10/6
		To S&A Regst shipmt of mat from Phila to KI 9219 11/19	Aircraft Factory- 10/20- Rqst disposition of material. W
		To S&A Regst shipmt of mat from Phila to P H 9222 11/19	To S&A Regst shipmt of mat from Phila to SO KI 9020 10/24 3B 1/28 L
		Aircraft Factory- Subm list of material 12/5 W	To S&A Regst shipmt of mat from Phila to Prg Snd 9021 10/24

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AIRPLANES

Number.	Date.	From or To--	Subject.	
✓ 587529	9/26	Aircraft Factory	Fwds photos showing radio instln on passenger carrying E-5 boat for Anacostia. W.	
✓ 587646	9/27	Anacostia	Fwds data for Bureau radio telegraph manual. W	
✓ 587719	9/13 9/28	Insp'r Lewis Vought Ordn.	Subm report on shortages in radio equip't on VE-7-SF planes 6029-6030. W. Fwd Aeronautics 10/1	
✓ 587226	9/30	To Phila Aircraft Fac To Phila via Coast-Boat shipmt of material be expedited 10/25	grants Authority preparation of a dummy set for Trial board use W To 544 Regt shipmt of Radio sets from Phila to Detroit 4937 10/6 Aircraft factory- 10/21. W.	
✓ 588551	10/3	Insp'r Fitts	Copy of endorsement to Insp'r Detroit rel to instln of radio sets for SF and SV airplanes. W.	
✓ 588509	9/22	Pearl Harbor	Request auth to cut down one aircraft receiver to hook up to 6 step amplifier for aircraft experimental work with loop antenna W. To P H Grants authority 10/7	
574790	10/4	Aircraft Factory	Reqst auth to install radio apprs on remaining 13 DE-4-B airplanes. D✓	736
587688	10/8	To MI	Eqpt and lead batteries- Gives inform rel L W	898

AIRPLANES

1921

Number.	Date.	From or To—	Subject.
583411	9/6	To CO Anacostia	Radio compass for metal planes; Reost progress report W
584449	8/31	Atl. Air Force	Reports on test of radio compass on airplane W. 919
584579	8/10	Coco Solo	Request permission to install radio in E-5 L - arranged to protect from rain and spray. W To: Coco Solo, in Aeronautics Appvd change of installation - 9/10 W
583966	9/8	To SAA 8729 Dayton W	Request shipment of mat from Anacostia to Insp
585312 TO CARD 237	9/7	Atl. Ship Plane Div. To Anacostia - Gives instr rel work 11/28 To Anacostia - reqt info - 2,25 - W	Reports on means devised for establishment of communications from partially disabled land plan by radio W. To Aeronautics - Gives inform rel test 9/17 Aviation 11/9 W
585657	?	Bureau Aeronautics Memo	Will direct inspectors to send correspondence on airplanes radio to Engineering W.
CARD 224			
585654	9/17	To Phila	Instruction books - Gives instrms W Aircraft Factory - fws copy of aircraft Factory expenditure. 9/26 W.
586953	9/15	Anacostia	Modifications of wing fitting type 1263 - fws photograph. W. To Phila via Comdt Modification authd 9/21 To Anacostia - modification approved 9/22 To Anacostia - 9/24 Anacostia - fws photos showing modification of wing fittings. 10/7 W

AIRPLANES

1921

Number.	Date.	From or To—	Subject.
586086	9/16	Anacostia	Fwds photos of instln of #13 and 14 receiver on a DH-4 plane. W.
586229	9/20	Aircraft Factory—Fwds photos showing operation of radio instln DH-4-B plane.	Quantico Fwds correspondence 9/22 To aircraft Fac via Comdt Phila. Gives inform ltr rel instln of receiver 9/22
586314	9/20	DesLauriers Column	Mould Co. (T) Request specifications be raised from 50 to 60 nautical miles. W. To— (T) Gives inform rel transmitter 9/21
46681	9/18	Insp GE	Aircraft Radio equipment request tolerance 629 or 2% plus or minus from rated voltage of dynamotors SW
585978	9/21	To Phila via Comdt.	material. Gives ltr of items of aircraft material be reported to Bureau W
586051	9/23	To C-I-C Pacific Fleet	Additional receiving equipment for Aircraft spotting W
586298	9/22	Aeronautics	Copy of action to Anacostia W To Anacostia via Comdt. Gives Action 9/24 Aviation 9/28 Copy action to Washn. W. McCoy's comments on reduction in warble. 10/5 W To Anacostia Reconn appvd 10/11
586747	9/19 9/21	Insp Packard Insp Pitts	Radio set for installation on S-D monoplane Request be furnished at once W

AIRPLANES

1921

Number.	Date.	From or To--	Subject.
581611	8-18	Anacostia	Des. auriere fans recd 8/4 - no trouble after 15 hour service. W.
581001	8-20	To Anacostia	Design of high power seaplane vacuum tube transmitter 163-B W
581786	8-22	To S&A	Recd shipment of fans from Brooklyn to Phila Airc Fcty W 8588 1/12 To Insp'r Brook Gives instrns 9/3 Insp'r Brook. No record of extra fan taken to Washn. 9/6 W
581790	8-22	To S&A	To Recd amend shipment order. 10/14 9003 Recd shipment of transmitter from Anacostia to G.E. W 8597 RB 9/2 W.
557128	FROM CARD 199		Aircraft Fcty- Completion date of generator propellers. 8/25 W Aircraft Fcty- Exds prints and reports on use of propeller 9/1 W. To Aircraft Fctory manufacture of Propeller set approved 9/14

AIRPLANES

1921

Number.	Date.	From or To—	Subject.
582715	8/31	To Aircraft Factory via Phila Comit Shipt order is being issued to	
Anacostia-report on test-10:27-W			cover shipt of material listed W
To Anacostia- Reqst report 11/2			Phila) 1st expedite info. 10/20 W
To Phila via Comit- Sample propeller			For Anacostia 10/22
215 approved 11/2			Aircraft City- 1st auth to remove propellers
583448	8/30	Atl. Air Detch.	From transmitters in store. 11/8 W
			Aircraft radio sets- reports faults
			development in first year service. W
			To Atl Fleet - Div Nam Rds via Atl Fleet
			Gives comments 9/3
			Atl. Fleet Ship Plane Div. Recommends use of
			standard battery for transmission 9/8 W
583449	8/30	Atl. Air Detch.	Reports on sacrifice of speed due to
			use of prolonging wire antenna 200' in
			length. W.
582710	8/30	To S&A	8694 Reqst shipt of Equipment from Aircraft
			Factory to CO 8694 W RB 10/4 W.
583627	8/26	Pensacola	Proposed antenna transfer device
Pensacola Subm list of parts used in			for twin motor plane- fws photos. W.
each instn 9/22 W			And Anacostia 9/6 RB 9/13 W.
To Pensacola- Change auths 10/5			To Pensacola Disappvd 9/16
To Pensacola- Reqst photographs 11/3			
Pensacola-fws photos reqst. 11/10 W			
583405	9/2	To CO BRAZOS	Radio material- issue of mat authorized
			W
			BRAZOS- Transfer made. 9/3 W.
584092	8/18	Atl. Air Detch.	Investigation as to cause of fading while
	8/27	SHAWMUTT	transmitting air plane is making a turn. W.
			To CO Anacostia 9/7 RB 9/19 W.
			To Atl Fleet- Hamp Rds Gives Inform W 9/23

Number.	Date.	From or To—	Subject.
550403	FROM CARD 160		Property Accts. Office— Rpt disposition be made of material 8/3 W. Am. Ins. r. book 8/13 BB 9/16 W. Exd S&A 9/17 BB 10/8 W. Insp. Brook. 9/23 W.
57959	?	Rockway	App. list of radio eqmpt. for missions L. E. S. W.
579252	8/8	To S&A	Reqt shipt of Deslauriers radio generator BB 3/29 W
48	Aircraft Fcty	Reports receipt of propellants from Air Fcty to Pac Air Force. W	
instead of 49	Deslauriers pro-		
callers— 8/31	W		To Pac Air Force—Shipt order issued. 8/9 W
To Aircraft Pac	will carry out instrs 9/14		To Air Fcty—auth conversion of radio gen. 8/9 W
579823	8/9	Aircraft Fcty	No send-receive switches are available for use in this case. request instrs. W.
To Phila via Comd Sats	by 10/15		To Air Fcty 8/12
			Phila—qst expedite del of switches. 9/23 W
579871	8/8	Atl. Air Force	Subm report on continuous wave trans. ltr S from received 1345. W. To Atl. Fcty 8/13 To Anacostia 8/13

Number.	Date.	From or To—	Subject.	
577940	8-10	To Inspr GE (T)	Request engineer be sent Washington confer on modifications transmitters W will be in Washington. 8/17 W	
543796	8/9	S&A	Copy of lett. to Aircrct Pcty re: shipping order cov aviation trans. it equipt 793-8	
580099	3/10	J. Marsten	Request instrm books cov flying boat, radio trans. W. To 8/13	
579762	8-11	To Inspr G.E.	Tests begin at Anacostia on 15th. type SE 1345 120 W Deslauriers propellers. Asks if desire send representative. W com. GE Co. Insp. GE- 8/15 W.	
579938	8-10	To Operations (Avia)	Fwds report of conference held in Bureau. Request statement made in re Bur Aeronautics be confirmed. RB 8/12 W.	
580491	8-16	To Airc Pcty	Request instruction books be fwded Bureau W Aircrct Pcty- Books mailed 8/22. 9/12 W	
579936	8/16	To Anacostia	Design problem- 162-2 covering silusoid ally modulated C/W trans for plotting planes W	818
580501	8-17	To S&A	Request shipmt. from Ham Rd. to Phila W 8528 Shipmt from Santo Domingo City to Phila 8/17 8529 RB 10/5 W Request from San Diego to Phila 8/17 8530	13 1/12 W

AIRPLANES

1921

Number.	Date.	From or To--	Subject.
577662	7-30	To Insp'r Phila	Reqst detailed report covering sparking of installn. W copy C&R Phila- Report on sparking of installn on E-7 planes with photos. 8/9 W.
577775	7-30	To Airc Factory	Radio installn on E-5 - 1 seaplanes W Aircraft Fcty- 7/10 Edws prints and vandykes of E-5 radio drawings. W. Aircraft Fcty- 8/17 W.
577430	7-30	To S&A	Reqst shipmt of radio material from Yorktown to Phila AF W 8329
578109	7/28	Anacostia	Comparative test of BEG tubes in type DE 1370 aircraft radio transmitting eqpt. Report covering. W.
578108	7/28	Anacostia	Report on test of Deslauriers self regulating fan in conn with spark-plug transmitter. W Anacostia- 7/28 W.
578129	7/22	MI	Edws report rel to difficulty of receiving from aircraft at San Diego air station. To San Diego via Com MI 8/5 3/5/15 W. From San Diego via Com MI 8/13
577772	7/30	To S&A	Reqst shipmt of radio material from Rockaway to Airc Fcty Phila W 8328
577429	8-2	To Rockaway via Comdt 3rd Dist	Reqst airc radio material not installed be shipt to Airc Fcty. W copy Airc Fcty

AIRPLINES

Number.	Date.	From or To—	Subject.	
577780	8-1	To S&A	Reqst shipt of motor generator from Anacostia to Ham. Rds. W 8348	
522656	7/5	Balloon Div. Eng.	Subm report of expenses under allotment Aviation 1921. DA	919
550285	FROM CARD 197	SE CARD 207	Ham. Rds. (T) Cannon W. H Smart reported for duty in conn with protecting device for kite balloon. 8/2 W Ham. Rds. 8/4 Subm estimates. W To Ham Rds 8/18 To Ham Rds 8/22 co. v. Norf To Ham Rds 8/22 reqst photographs be fwded 9/23 Aeronautics-Report on wave length capacity etc of balloon circuit. 9/24 W Ham. Rds. 10/20 Ham Rds install ready for test 10/26-W To Ham Rds- Gives inform 11/2 To CO Ham Rds Gives inform re test 11/10	
578852	8/2	Anacostia	Gives met od of reversing field of aircraft spark transmitters on account of using Des Lauries self regulating propellers. W.	
578282	8-2	To S&A	Reqst shipt of radio condensers from Airc Fcty Phila to San Diego W 8379	

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AIRPLANES RADIO

1921

Number.	Date.	From or To--	Subject.
577171	7/25	Aircraft Secty	Suggestions for precautions to be taken with radio instln on aluminized planes. W To C&R 8/28 W
576692	7-28	To Hookaway	Aviation- flight of D-5 to Luluabutt for purpose of calibrating shore radio compass station W Hookaway 7/30 W. To CO ROCKAWAY 8/4
576683	7-27	To Operations	Aviation- radio installn on 80 DH-4 airplanes being made ready for shipment at Airc Sect W copy Airc Sect Dept- 8/19 W.
577430	7-29	To CO Atl Flt Torpedo Plane Divn.	Shipment of airc radio material W copy Airc Secty.
577727	7/35 7/27	Aircraft Secty Inilla.	Subm suggestions rel to precautions to be taken with radio instln on illuminized planes. W
577868	7/25	Pen sacola	Modifications of SE-1447-A send-receive switch- fnds photograph and wiring diagram. W To Co. Pensacola 8/4
577844	7/28	Insr Mass VOID VOID error	fnds descriptive matter with print from Henschel & Co. cov. M auxiliary lighting relay 1

Number.	Date.	From or To--	Subject.	
571892	6/24	Anacostia	Report cov failure of Crocker Wheeler wind driven generator for use in conn with aircraft transmitter.	
572668	7/2	To CO HENDERSON 511-6	Instn of temporary Adm'l apparatus for reception of radio aircraft signals during remaining portion of exercises on ex German ships W To Wash Regt inform rel neccy equipment 7/2	
573020	7-6	Anacostia		
573283	7-6	Anacostia		
573283	7-6	To CO Airship Detach England.	Reqst report covering radio material activities in conn with 2-8-2 W Air Ship Detach. Eng. 7/29 W	
573620	7-8	To S&A	Reqst shipment of speed fans from Brook to Anacostia W 8050 AS 8/2 W.	
53458	7/5	Inspr So Brooklyn	Test of Aircraft Radio Condensers. WS	529

AIRPL. NES: RADIO

1921

Number.	Date.	From or To—	Subject.	
573621	7-12	To S&A	Reqst shipmt of sets from Airo Factory to Inspir Stout Lab. Detroit W 8072 RB 8/17 W	
573839	7-12	To S&A	Reqst shipmt of transan from Airo Factory to Washington W 8071 Shipt order from Airo Fact to Wash 7/27	8303
573845 TO CARD 212	7-14 Phila. 7/29 Phila. was To Airo Fact 8/19	To Comdt Phila Inventory. 8/5 W Aircraft Factory 8/24 use 8/6 W.	Invent ory of aircraft radio apparatus recently taken at Naval Airo Factory—Reqst copy be fwded W To Airo Fact 7/26 Harc 7/14 W	
574750	7-16	To S&A	Reqst shipmt of radio material from Phila to Airo Fact W 8150 RB 7/25 W.	

Number.	Date.	From or To—	Subject.
569642	6/14	Insp CE (T)	Sum inform rel to total price of generators and propellers. W.
569587	6-15	To Atl Fleet (Shawmut)	Instructions for use of emergency radio communications apparatus in case seaplane is disabled on water W copy Hamp Rds.
569588	6-15	To Hamp Rds	Instructions re emergency radio communication in case seaplane is disabled on water W copy At/ Flt.
569593	6-15	To Air Force	Design of waterproof cover for receiving sets W
558535	FROM CARD 200		San Diego- Fwds report of test of 7 1/2 batteries. 6/11 W. San Diego- Fwds reports 6/16 W San Diego 6/28 San Diego- Fwds survey #1 cov Willard stg batteries. 7/19 W. To San Diego 8-3 Atl. Air Force- Reports on test of aircraft radio stg batt. 9/8 W. To Atl Fleet Given in or m rel batteries 9/24

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AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
569600	6-16	To S&A	Reqst shipt of radio condenser from Anacos to Brooklyn W 7856
569980	6-17	To Atlantic Fleet	Reqst report covering radio compass during airc bombing of ex german ships W
570205	6/16	Anacostia	Report on test of DesLauries self regulating fans. W.
569989	6-20	To Phila (T)	Approval of Airc radio installn planes of 7 SF planes as per drawing 51772 W To Phila confirm 6/21 Aircraft Fcty- Fwds prints. 6/27 W
569985	6-20	To S&A	Reqst shipt of radio material from Phila to Ham Rds W 7894 RS 7/18
571030	6/21	Aircraft Fcty	Ask if shall remove radio installn on H3-2 boats 2125 and 2130 to be shipt to Anacostia. W. To Phila Airc Fcty auth granted 6/24 Aircraft Fcty 6/29 W.
570662	6-22	To S&A	Reqst shipt of radio condensers from Anacos to Ham Rds W 7934
571688	6/6	Nav. Observer Berlin Nav. Intelligence	Fwds books in conn with aviation motors and radiators for also wireless telegraphy for aircraft. W.

AIRPLANES

Number.	Date.	From or To—	Subject.
567321	6-6	To Airc Fcty	Reqt for detail of radio electrician to assist in radio airc material work during airc bombing exercises with ex German ships at Hamp Rds on 6/15 W
567322	6-6	To Operations	Radio tele- shipment of radio emergency airc equipment to Hamp Rds W Dept- Copy of tekegram to Atl Fleet in conn with ship of radio material from Phila. to Ham. Rds. W. Atl. Destroy- Copy- BARNEY designated 6/8 W Atl. Destroy- 6/8 Copy- W. Atl. Destroy- 6/10 Copy- W.
568285	6/4	Anacostia	Design problem 81-B 100 mile emergency transmitters- preparation of emergency antenna equip by crew of a seaplane under forced landing conditions. W
568016	6-8	To Airc Fcty	Radio tele- avia auth granted to manf 20 radio gen propellers for emergency airc radio communication W
568546	6/8	Aircraft Fcty	Request authority to issue test set in storage to aircraft Fcty. W. To Aircraft Fcty- 6-10 fwd Anacostia 7/9 RB 7/15
568023	6-9	To S&A	Reqt shipment of radio material from Airc Fcty to Hamp Rds W 7/52 RB 7/9 To Hamp Rds 8/5 Ham. Rds. 8, 15 W.
568623	6-9	To Pac Fleet	Quarterly report of airc radio material W
CARD		To Atl Fleet via C-I-C-	To Atl Flt 6/9
217		Reqt report be submitted 11/10	To Pac Flt 7/25
		To C-I-C Reqt report be submitted	To Seawmut 7/25
		as listed 11/10	100 Shawmut--8-30 Atl/Air Force- fwrds quarterly report. W.9/30

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AIRPLANES

Number.	Date.	From or To—	Subject.
568019	6-10	To S&A	Reqst shipmt of radio material from Wash to Airc Fcty W 7760 RB 10/5 W
568775	6/8	Internatl Devices Co. To Insp'r Brook 6/25	Ask if Bureau desires copies of instrns book covering airplane transmitters, W. To 6-11 Internatl Devices Co.- 6/13 W To Insp'r Pitts 6-17 RB 6/22 W Internatl Device Co.- 6/20 W. Design Problem 21-A: test of radio transmitter equip - preliminary report cov. W. To Airc Fcty 6/24/21 To Airc Fcty 6/27
568771	6/8	Anacostia To CO Rockaway beach via Comdt 3 Dist- instrn authorized 7/5 To Airc Fcty 7/9	Design Problem 21-A: test of radio transmitter equip - preliminary report cov. W. To Airc Fcty 6/24/21 To Airc Fcty 6/27
GARD 226			
567112	6-11	To Phila	Monthly radio report of 4-1-21 A W
5			
568023	6-11	To Secty	Reqst auth for radio elec to take passage on destroyer from Phila to Hamp Adst. W RB 6/15 W
568870	6-11	To S&A	Reqst shipmt of radio matrl from Phila Airc Fcty to Harvard University W 7786 To Ham and Roch Lab 6/21 To S&A 6/21 Boston 9346 12/10 Phil 4/19/22.
569184	6-15	To Atl Fleet SHAWMUT	Aviation Bureau rep to report to Comdr Air Force for radio work during bombing exercises W

AIRCRAFT

1921

Number.	Date.	From or To—	Subj. ect.
566384	5/26	Anacostia	Resch problem 433 - Report on multiple tuned antenna with comments on. W.
566467	5/27	Anacostia	Request assign resch number cov correcting deviations on aircraft compass instlns. W. To C- Anacostia. Regst data 3/30 Anacostia- 4/25 W.
565997	5-31	To S&A	Request shipmt of wave meter from Washington to San Diego W 7623 RB 6/30 W.
565996	5-31	To S&A	Request shipmt of wave meter from Washington to Pacific Fleet W 7622 RB 6/30 W.
565995	5-31	To S&A	Request shipmt of wave meter from Washington to Atl Fleet SHAWMUT W 7621 RB 6/23 W.
565988	5-31	To Airc Fccty	Radio tele- aviation- performance of R-5-L airc radio apparatus during trip from Pensacola to Havana and return W RB 6/11 W.
566134	6-1	To S&A	Request shipmt of radio airc sets from GE to Phila AF W 7620
566146	6-1	To Phila	Radio equipment for motor boat at Naval Airc Fccty. auth granted make instaln. W Aircraft fcty 6/18 W.

1921

AIRPLANES

Number.	Date.	From or To—	Subject.	
567112	6/1	Aircraft Factory	Takes exception to criticisms of radio activities at aircraft factory being incorporated in monthly reports. W.	
567152	5/19	Europ Forces	Two combined aircraft wireless transmitters and receivers purchased from Marconi Co. are being shipped to Anacostia. SA.	
46661	6/1	Dept	Copy of ind to S&A in connection with substitution of latest improved mail on contract. S&A	\$29
566914	6-3	To Pacific Fleet	Radio tele-avia- radio equipment for VE-7 SF airplanes. W To Atl Fleet 6-3	
566921	6-3	To Air Factory	Radio tele-avia- gear for brackets for use with ships airplanes type VE-7 SF W Aircraft Factory- Request authority to manfg brackets 6/13 W To Air Factory modin 6-17	
567312	6-3	To S&A	Request shipment of radio airc receivers from Wash to Phila Air Factory W 7644 R E 7/5	
567314	6-4	To S&A	Request shipment of radio airc trans set from Anacostia to GE Co W 7663	
567313	6-4	To S&A	Request shipment of brackets from Phila AF to Hamp Rds. W 7646	

Number.	Date.	From or To—	Subject.
564112	5/10	Pensacola	Subm report on propellers and radio equipt installed on F-5 planes during trip to Havana and return. W.
564003	5/19	SEA ld no.	Copy action to Anacostia. W. ?? Shipt order 5/17 RB 6/13 W
565495	5/19	Anacostia	Design problem 21-A cov aircraft radio transmitter equipt type JL-1370 - report cov, with photograph. W. Anacostia 6/3 W.
564887	5-23	To S&A	✓ Request shipt of radio material from Phila to Hamp Rds Atlantic Flt. W 7503 Phila. 6/9 W To S&A Request shipt of mat from Phila to Ops Rds 7/5
564886	5-23	To S&A	✓ Request shipt of radio material from Phila to Hamp Rds Atl. Flt. W 7502 To Air Rds 7/16
565303	5-23	To S&A	✓ Request shipt of radio material from NED to Hamp Rds Atl Flt. W 7509
564888	5-23	To S&A	✓ Request shipt of radio material from Wash to Ham. Rds W 7508
564881	5-23	To San Diego via Comdt 11th Dist.	✓ Request report on present inter communication sets with new type push button transmitter, as installed on aircraft, with comments W To Atlantic Flt. Request report 5/23 To Rockaway via N.Y. 5/23 To Pac Flt 5/23 RB 6/29 W To Hamp Rds via Norf 5/23 To Pensacola via C.O. 5/23 To Coco Solo via Cdt 15th Dist 5/23
		N.Y. Rds report from Rockaway 6/1 Pensacola Subm report. 6/7 W Norf. 6/16 W To C.O. non receipt of report 8/2 Ham. Rds. 8/4 W San Diego- 6/11 W Coco Solo- Magnavox Instrument unsatisf. 8/16 W	

AIRPLANES · RADIO

1921

Number.	Date.	From or To—	Subject.
565538	5/23	Anacostia	Report on test of wind driven generator for use on Type SE 137 aircraft radio transmitter. W
565667	5-25	To S&A	Request shipment of generator propellers from Anacostia to Phila Airc Fct W 7512
565669	5-25	To S&A	Request shipment of spark transmitter from Anacostia to Quantico W 7514 RB 6/17 W
565792	5-25	To Airc Fcty	Request radio material covered by change sheets listed be turned over to yard Phila for stock and reissue W copy Comdt Phila
566029	5/25	Ordn.	Request prints showing reels for radio antenna in aircraft. W.
56681	5/26	To Dept	To Ordn 5-25 Gen Elec Co-Cancellation of- Due to material covered by g of absolute design substitution S&A W the cover of material of latest improved design cc 529
565668	5-25	To CO's Flts	Aviation- modification to wave changer switch for spark transmitting equipments type SE 130 installed on F5L and H-16 sea planes W To Guam Gives Instrms 7/5

AIRPLANES: RADIO

1921

Number.	Date.	From or To—	Subject.
560908	4:22	Anacostia	Recommendations covering test of DesLaurres self regulating air propellers. W
561051	4:29	Foots Pierson & Co	Aircraft factory - Gives print showing install of radio equipment on VE-7 S. airplanes. To Phila 6-4
560073	4/29	FWD S&A	Returns drawings of aircraft receivers. W
560808	4/30	To Operns via C&R	Material for Pot office Department W S&A- Copy action to Boston. 5/5
560070	4/28	To C. Harro Rds	Radio equipment. New samples tested and approved. W. 5/31
560669	4/28	To San Diego	Radio equipment. Gives status of shipment W Har. Rds. 5/23
555108	FROM CARD 198		Gives Status of shipment of places Eqpt installed in W Norf. 4/30 W. Amendment of shipmt ord r 7102 5/10 7317 To Norf 5-13

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.
561191	5-4	To Anacostia	Fixed batteries for test on 5/2- reqst report covering W
562171	5/4	Anacostia	Report cov. test of SE 1950 receiver, recd from Natl. Elec. Sup. Co. W.
561197	5-6	To Phila	Modification to type SE 4080 radio comp coil W
562542	5/4	Anacostia	Report on test of sample SE 139D transmitter with photos. W. Anacostia 6/3 W.
562507	5/5	Aircrft Fcty	Modifications of wave changer switch and send receive switch-finds photos cov. W. To Phila 5-14 RR 5/19 W.
562898	5/7	4th Dist. Copy	Cape May designated to guard wave lengths seaplane flight from Rockaway wet to Ham. Rds. WDA
562941	5-11	To S&A	Reqst shipmt of radio material from Wash to Hamp Rds W 7350
562942	5-11	To S&A Aircrft Fcty- 5/3 W To Aircr Fcty 7/5	Reqst shipmt of radio material from Phila to Hamp Rds. W 7355 two S&A 6/21 Aircrft Fcty-Copy action to S&A 6/28 W
563262	5-12	To Phila	Reqst copies of photos W Aircrft Fcty- F as photos. 5/17 W

AIRPLANES RADIO

1921 1921

Number.	Date.	From or To—	Subject.
558379	4/15	Hammond Lehr.	Fwds copy of proposed plan of test of experimental transmitter at Washn. D. C.
551743		SEE CARD 197	To Hamp Rds There will be supplied sufficient spare equipments to meet needs of Air Station on basis of complement W 4/16
558535	4/19	To CO's	Radio storage batteries— Gives inform re
TO CARD San Diego (T)		Best andtl stg batteries	test of W
205	6/10	W	Ham. rds. report on test. 5/6 W.
Ship order from		Phila to San Diego	6/11
Pearl Harbor		Report on battery test.	5/26 W.
558537	4/19	Roots Pierson & Co.	Request fwd drawings listed cov aircraft receivers. W.

AIRPLANES RADIO

1921

Number.	Date.	From or To—	Subject.
559977	4/25	Property Acctg. Off	Radio transmitter sets issued to Bureau Standardx Labr- fws expenditure invoice, resting inform as to appropriation chargeable. W To- 5-4
559202	4/26	To S&A	Reqst shpmt of telegraph eqpt from Phila to Hamp Rds 7150 W
559208	4/25	To Phila	Standard radio instln on seaplanes- Reqst so of modified plan for appvl W To Phila appvl 5-4
559627	4/27	To CO -Guam	Radio instln in seaplanes- Reqst report that instln have been corrected as listed W To Hamp Rds Gives correction in instln 4/27 To Rockaway beach Gives correction in instln 4/27 To Pacific Fleet -Coco Solo Gives correction in instln 4/27
559629	4/27	To S&A	Reqst shpmt of radio receiver from Washn to Phila 7154 W RE 5/28 W.
550383	4:21	War Dept	Fws Report of 120 watt and 200 watt DesLauries single pole air fans.W

AIRPL. NES:

Number.	Date.	From or To -	Subject.
✓ 556375	4:6	DesLauriers Co	Comments on possible cause of breaking of governor weights on 120 watt fans. W Des Lauriers Co. - Rqst inform cov fan failing. 4/9 W To - Gives inform re fan 4/14
555734	4/8	To S&A	✓ Rqst shipt of equipments from Pensacola to Hampton Roads 6915 W Shipt order from Ham Rds to Airc Fct 7/16 8151 RB 10/5 W
555748	4/9	To Anacostia	in Rqst standard spotting plane radio set be instid in loading monoplane now assgd to Anacostia W
556201	4/11	To S&A	✓ Rqst shipt of equipment from Anacostia to Phila 6935 W RB 4:26 W
556207	4/11	To S&A	✓ Rqst shipt of Equipment from Washn to CO 6941 W
✓ 557060	4/12	Pensacola Copy	Will proceed with instln of radio generators in S-5 plane to go to Miami for Assistant Secretary ~~6941 W~~
✓ 556215	4/12	To Phila	Rqst equipments be modified to conform to latest standard equipments and upon comp of work be informed as listed W Phila air fty advise work completed-7:12-W To Airc Fac 7/16
✓ 557128	4/12	Anacostia	Resch problem S1-B-covering specifications for kites and air tunnels for multi-motored seaplanes - fws drawings with comments on. W. To Aircraft Fac via C&R Fws Plans 4/26 To Phila Fws nine photographs of wind tunnel 4/26 C&R copy of action to air fty-4:26-W To Phila Airc Fcty 6-5
CARD 210		C&R - Fws aircraft fcty drawings with recommendations. 6/4 W To Phila via C&R Comdt Phila Rqst radio gen props be submitted 7/1 of C. Anacostia 7/1 To Airc Fcty- 7-15 Aircraft facy will fwd sample propeller to Anacostia 9/5 8/24 W.	

AIRPLACES

1921

Number.	Date.	From or To—	Subject.	
✓ 557197	4/6 4/12	Aircraft Factory Phila.	Fwds change of material sheets covering cov aircraft radio material. W	
✓ 557114	4/12	W. P. True	Fwds letter from Popular Science monthly requesting copies of radio report on NC-4 Trans-Atlantic flight. W. report on NC-4 To Dir Intelligence Given Actla Inform 4/16 To 5/2	
✓ 557111	4/18	C&R	Fwds photos of radio direction finder for airship D-6 W. Fwd C Anacostia 4/18 RB 4/22 W.	
557730	4/14	Anacostia	Despatches fan for aircraft radio telephone equipt- fwds prints. W.	
557854	4/14	Bd I&S	Copy of letter to Dept rel to status of aircraft immediately after completion of final trials. W.	
557882	4/16	To O-I-C Phila	Fwd number of instruction booklets on radio transmitter W	
558306	3/30	Pearl Harbor	Quarterly report on radio equipt. W.	
558708	4/13	Pensacola	Rqst 2 transmitters be furn station at once.	627
556680	4/9	C&R	Copy of letter to Pacif Air Detach in conn 736 with trouble reports on JN-4 B-airplane. DA	

Number.	Date.	From or To--	Subject.
551975	3/16	To Washn	Gives instrns re type numbers on Amplifiers--W To PHILA INSTN AUTHD 3/16
553077	3/16	Pensacola	Radio compass installed on H-16 on H-5 useless when motors are running- suggest ignition leads be removed. W. To Phila. Instn authd 3/26 Phila 4/2 W
553187	3/22	Anacostia	Subm report cov defects in radio equpmt for spotting planes. W.
553832	3/24	Anacostia	Design problem 81-B- emergency radio set for disabled aircraft- report covering development of. W.
554396,	3/29	Anacostia	3 phase induction motor- operation of, on single phase current with special reference to motor generators for radio telephone purposes- Ewds wiring diagrams with comments on: W.
554120	3/30	To Phila	Aviation- Emergency communication from Standed Seaplanes- instrns for instln of W
554643	3/29	N.Y.	Request disposition of radio sets on hand manufactured by General Radio Co. W. ✓ To S&A Recst shipment of transmitting sets from NY to Cambridge 5902 4/8 RB 6/22 W

1921

Number.	Date.	From or To--	Subject.
511589	FROM CARD 178		Inspr GE 3/29 W. To Inspr GE. Fwds let 3/29 4/2 Inspr GE- Regt return of dynamotors from Craft Labr. 4/4 W To Inspr GE. Regt Inform 4/12 Inspr GE- fwds inform rel dynamotors. 4/13 W. To SO Boston Regt shipt of dynamotors be expedited as IM Boston Inspr G. 4/19 Inspr GE-Request reply to letter 5/25 W. ? To Boston Tel 6-10 Boston- (T) Dynamotors shipt by Craft Labr. to Anacostia 12/6 6/11 W. To Boston Tel 6-13 Bost- (T) 2 dynamotors shipt to Anacostia 6/16 W. Shipt order from Anacostia to GE Co 6/18 7889
554865	4/6	To S&A	Regt shipt of cable from Phila to Hamp Rds 6898 W Aircraft Regt. 4/14 W. To S&A Regt shipt of cable from Phila to Hamp Rds 7-57 W 4/21
555108	4/6	To S&A	Regt shipt of material from Brook to Washn 4/25 8863 DA RB 5/17 DA Shipt order 4/25 RB 5/11 D purchase. 4/18 W 30 NY via S&A cc S&A 4/26 Subm report covering further defects. type SE 1345 generator mounted on HS-2 flying bear. W.
555391	4/8	To S&A	Regt shipt of equipment from Phila to Pensacola 5899 W RB 7/11
555399	4/8	To S&A	To Phila Grants Athy 4/12 Regt shipt of air lams from Brook to Anacostia 880 W RB 4/25 W
555733	4/8	To S&A	To Anacostia Return lemon Colored as shipt order 4/27 Regt shipt of coils from Washn to Pensacola 5916 RB 5/9 W

AIRPLANES

1921

Number.	Date.	From or To—	Subject.
550311	2/15	Dept	Circular— Aircraft Communications-instrns cov. W.
550285	3-11	To Operations	Lightning and static electricity protecting device for kite balloons W
TO LAND 208	3-25	Fwd Operations 3-25 RB 6/16 W	To C&R. Fwds specens 3/25
		To Hamd Rds 6-21 via C&R	To Dept- 4/11 RB 4/16 W. RB 5/20 with print. W
		C&R- Copy action to Ham. Rds. 6/28 W	
550971	3/11	DesLauries Co.	Request assign numbers to designating books- let type of fans which Co. is furnishing. W.
	3/31	DesLauries Co.-- Quotation on air fans	To DesLauries, Colum. Loula Co. Given 118 numbers assgd material 3/15
550750	3-12	To S&A	Reqt shipmt of receivers from Coco Sole to Phila. Air. Fct W 6585 RB 6/22 W Cocosolo-4.14 W Amendment of 5/4 7252
550742	3-12	To CO's	Reqt statement covering six radio helmets on hand. W
		Atl. Air Force- 4/2 W.	Anacostia- 3/15 W.
		Coco Sole- Subm report. 4/1 W	W Rockawa- Inventory of aircraft radio helmets 3/15 DA.
		Ham. Rds. Copy action to S&A 4/12 W	To CO Reqt inform 3/21
			Ham. Rds. 3/17 Helmets are in use. 3/17 W.
			Pensacola 3/21 W
			Rockaway 3/24 W.
			San Diego 3/23 W.
			Pac. Air. Force 3/20 W
			Pearl Harbour 3/29 W
550739	3-12	To S&A	Reqt shipmt of receivers from Wash to Coco Sole W 6584 RB 5/10 W.
551253	3/12	DesLauries Co.	Fwds copy of instrns plated with inventory cov stamping of name plate data- ask if satisf. W.

AERPLANES

1921

Number.	Date.	From or To—	Subject.
538226	FROM CARD 192		Pres. Fleet- Comments on reception of signals from Aircraft. 3/4 DA.
551199	3-14	To S&A	Request shipment of cable from Airo Fact to Anacostia W 6601 RB 4/8 W.
550747	3-14	To Coco Solo	Airo radio receiving equipments type SE 960 Shipt order issued from Coco Solo to Phila W
551743	3/10	Ham. Rds.	Request radio material listed for instln on seaplane to be turn. W.
CARD 200	3/31	Ham. Rds. Request general assembly be shipt from Anacostia to Aircraft. To	Ham. Rds Gives inform re material 3/17
551212	3/16	To Anacostia Gives inform re shipment orders cc Ham Rds 4/8 To Washn	Ham. Rds- Reasons why material requested is nec. 3/25 W.
		To Washn Altera authd 4/25	Estimates for altering-amplifiers- Request to be submitted W.
542474	FROM CARD 194		To Washn Gives detld inform re amplifier Washn- Subm estimates. 4/7 W 3/16 Coco Solo 3/7 W. To Coco Solo 3/22

AIRPLANES:

1921

Number.	Date.	From or To--	Subject.
547642	2-24	To Hookaway	Transmitting equipment- loan of to Dubilier Condenser Co. W To Dub Co- reqst return of equipment 5/11 Dubilier Cond. Co. 5/17 W.
547644	2-24	To Insp'r Dahlgren To Insp'r Dahlgren 7/21 Indian Head 7/25 W	Reqst report on operation and condition of aircraft radio material assigned to lower proving grounds. W To Insp'r Dahlgren 7/9
548269	2/31 2/24	Pearl Harbor Dept	Request inform rel to methods used by allied forces during war gov communication between aircraft and submarines. W.
548291	2/4	Balloon Div. Eng.	Comments on direction finder coils for rigid air ships. W.
548292	2/4	Balloon Div. Eng.	Airship transmitters of weather reports during trip of ZR-2 report covering. W.
548347	2/23	Hookaway	Fwdg curve of division in conn with calibration of radio compass installed on non rigid dirigible C-10. W.
548501	2/24	Anacostia	Long wave compass for lighter and heavier than aircraft - fwdg print with report covering. W.
548534	2/24	Anacostia	Subm report on test of type N vacuum tubes W
548535	2/24	Anacostia	Aircraft radio compass for metal planes- subm report cov. with sketches. W.
548336	3-1	To Nav via Nav Com	Assignment of officers for radio air duty reqst for. W Navigation 3/12 W

AIRPLANES

Number.	Date.	From or To—	Subject.	
549031	2-15	Ham Rd: Copy	Recommend NC-2 be sent to Airc Fact for overhaul preparatory to radio test W	908
549394	3-5	To Comdt Phila	✓ Request investigation of loss of tools for Pensacola before reaching destination W Phila. 3/11 W.	
549406	3-5	To Pac & Atl Flt T	Request report covering suitability airc radio set for airplane fire control- W Pacf. Fleet- (T) Preliminary report fwded. 3/29 W	
549389	3-5	To S&A	✓ Request shipment of radio airc trans equipments from GE Co to Coco Solo W 5496 RB 7/8 S&A 4/5 W.	
549395	3-7	To S&A	✓ Request shipment of airc radio spark trans equipmt from Hampton Rds to Airc Fac Phila W 5497	
549386	3-7	To S&A	✓ Request shipment of radio equipmt from Anacostia to Airship Detach Howden En R. W 5498	
549640	3/3	Anacostia	Submit report on service test of type SR 1345 equipmt installed in VE-7 plane. W.	
549596	3-8	To S&A	Request shipment of radio trans equipments from Pensacola to Airc Fact Phila W 5498 RB-4:23	
549650	3/3	Washington	Request shipment of transmitter type SR 1380 W	909

AIRPLANES

1921

Number.	Date.	From or To—	Subject.
547128	2/15	Operations	Circular letter calling attn to low standard of aircraft communication- directs steps be taken to correct addition WDA.
546480	2-17	To Insp'r GE T	Rel shipment to Lewis & Vought Airs Corps of airc equipments. W
547031	2-19	To S&A	Reqst shipment of radio material from Washn to Ham Rds 6325
546476	2-18	To S&A	Reqst shipment of radio material from Anacostia to BURNS. W 6382 RB 5/5 W.
547038	2-19	To S&A	Reqst shipment of radio matrl from Phila to Rockaway W 6371 AB 3-6
547034	2-19	To S&A	Reqst shipment of fan from Anacostiate Jersey City, Des Lauriers Column Mould Co. W 6384 Amendment of 3/11 6355
547631	2-23	To S&A card 257	Reqst shipment of radio trans appr from GE to Lewis & Voughty Corps Long Island City W 6407
545226	FROM CARD 194	To DesLauriers Co- Fwds instrn book ee 4/4	S&A- No record of cancellation of shipment order 2/23/21 Des Lauriers Co. - Liberty engines shipment to Co. from aircraft factory. 2/21c DA. Rockaway 2/17 W To S&A shipment order of Lib eng frm Phila to DesLauriers Co 2-24 6405 same part of shipment order 6285- 2/28 6445 Des Lauriers- Column Mould Co. - Rqst bureau comments. 2/28 WDA.

AIRMAILS:

1921

Number.	Date.	From or To—	Subject.	
540463	1-21	To Insp'r Brook	Gives instructions in conn instaln and testing of radio equipment on airplanes. type VE 7 SF at Lewis & Vought Airc Corp'n. W	
541798	1-25	To S&A	Reqt shipment of rec and trans equipments. from GE to Phila Airc Fact W 6045	
541797	1-24	To S&A	Reqt shipment of trans and rec equipments. from Phil to Lewis & Vought Long Island. W 6044	
541797	2/17	Insp'r GE - Copy of action to S&A	To Insp'r GE 2-9	RB 2-19
541788	1-24	S&A - Insp'r GE advises approx shipmt - unable to locate 2/24	S&A - Copy of action to Insp'r GE 2/14 W.	
474	1-24	To S&A	Reqt shipment of trans and rec equipments. from GE co to Anacostia W RB 2-7	6043
542274	1/13	Coco Solo	Reqt radio material listed be fwded as soon as possible.	
197	2/11	To S&A shipmt from Wash to Coco Solo radio matrl 6236 RB 5/6 W	To Coco Solo - reqt info 2-10	2/10
542173	1/13	Coco Solo - Copy SE 1310 sets unsatisf. 3/17	Shipmt and from Phila to Coco Solo trans 2/10	
542727	1/19	Anacostia	Subm list of radio apts lost on R-5 seaplane 4/23/24.	
542779	1/26	Anacostia	To Coco Solo 2-10	
543034	1/27	Anacostia	Fwds sketch showing circuit for reradiation of signals; also method of including microphone in relay circuit with comments on W	
543519	1/27	Anacostia	Deslauriers constant speed low wind velocity propeller- report on test of. W.	
543519	1/27	Anacostia	Resch. Problem E1-8: sea lane emergency power for radio generator- fws photo with notes.	
543519	1/27	Anacostia	To Lt. Palmer via Anacostia- fws rough draft of patent application for means for creating emergency power for airp radio gen systems 5/19	
543519	1/27	Anacostia	Notf- Copy of action to Pug. Ed. 2/8	

AIRPLANES:

1921

Number.	Date.	From or To—	Subject.	
544512	2-29	To S&A	Reqt shipment of trans equipments from GE to Airo Factory Phila W RB 6/22 W/	6110
544517	2-5	N.Y. - Reqt action. 2/23 W. N.Y. Sup Depot - Copy of action to NY N.Y. 3/3 Reqt action W To Gr Lakes T	To S&A ship from MSD to Phila AF radio 3/2 RB 5/6 W To MSD 3-12 Asks rel equipment for loan to Mr. Hosmer of Air Mail Field Chicago W 2th Mail. 2/7	
544619	2-7	To Atl Fleet Ship Plans T 24 ballast lamps for aircraft radio Detach Guantanamo Cuba equipments being ship from Phila W		
544620	2-7	To Des Lauriers Column Mould Co 2/15 To Phila T 2-18 To Des Lauriers Co 2-23 To S&A	Ship order from Rockaway to Des Lauriers Co 2/15 Reqt shipment of avia matrl from Airo Fac Phila to Anacostia W RB 4/2 W.	6227
544621	2-7	To S&A	Reqt shipment of lamps from Airo Fac Phila to Quant shamo Cuba W	6212
545218	2-10	To Phila	Reqt info pertaining to insulators as installed on flying boats type P & L assigned to Atl Fleet W Aircraft Factory - Fwds prints. 2/18 W To Phila - reqt mail 2-24 To S&A ship order from AF Ph to Pensacola 2/24 Amendment 3/7 6520	

AIRTEL MES:

1921

Number.	Date.	From or To—	Subject.	
540383	1-17	To Phila	Authority granted withdraw from store necessary material to make install in 1119 and 10 including modified type CG 1119 gen and type CG 1248 variometer W	NO 9
540385	1-17	To Phila	Auth granted make install of two sta Magnavox intercomm set on training plane type VE-1 W	
540377	1-15 Ordin. 4/13 Fwd S&A Navigation 4/16	To S&A W. 4/16 W	Request shipment of vac tubes from Washn to Louis & Vought Garden City W RB 2-8-21 To Iner Bu Ok, rel ship 1-18 In 2 Bu Ok 1/19 (5 letters) S&A Ask contract number under which material was purchased. 4/9 W Request shipment of radio apparatus from Phila Airc Rec to Phila SO W	5927
540372	1-14	To S&A	Request shipment of vacuum tubes from Wn to Airc East Phila W RB 3/16/21	5924
540373	1-14	To S&A	Request shipment of vacuum tubes from Wn to Airc East Phila W RB 3/16/21	5925
540931	1/15	Anacostia	Research Problem 15- covering test of Hammond equipt.	
540746	1-15	To Phila	Request for radio equipment for air station Anacostia W	
540726	1-18	To S&A	Request shipment of Simon propellers from Phila to Pensacola W RB 2-21	5952
540735	1-18	To S&A	Request shipment of transformers from Wn to Airc Rec Phila W RB 5/28 W.	5953
528261	1-13	ANECOS	Fwds letter from W.H. Bunnell & Co subm quotation on radio ap r.	876

AIRPL. NES

Number.	Date.	From or To—	Subject.	
540738	1-18	To S&A	Regst shipment of assemblies and variometers from Airc Fec Phila to SO Phila W	5963
541204	1-21	To S&A	Regst shipment of send-receive switches from AF Phila to Pensacola W RB 2-21 Rockaway 1/24 W.	5996
541203	1-21	To S&A	Regst shipment of send-receive switches from AF Phila to Rockaway Beach W RB 2-8	5995
541208	1-21	To CO's and Flts To Rockaway Beach 3/16 Ham. Rds. 3/17 W To Lamp Rds 3/21	Radio tele-aviation-spark transmitting equipments type SE 1210 use of. for emergency communication W To Rockaway 2-19 To Anacostia 3-3 RB 3-10 Rockaway 2/26 W To CO's Regent to W Rockaway 3/11 W. 3-12	
541198	1-20	To S&A	Regst shipment of radio trans equipments from AF Phila to Anacostia W RB 2-8	5987
541205	1-21	To S&A	Regst shipment of send rec switches from Airc Fec to San Diego W RB 5/2 W	5997
541782	1-22	To S&A	Regst shipment of amplifiers from Wn to Anacostia W RB 2-4	6021
541206	1-21	To S&A	Regst shipment of send rec swtchs from Airc Fec Phila to Coco Solo W RB 4/5 W	6000

AIR 14-22

1941

Number.	Date.	From or To	Subject.
538018	1-5	To Bur of Navy	Request transportation for Dr. Chaffee between U.S. and Tokyo and in own radio set developed by J. J. Hammond for use in spotting planes of Navy. To Mr. V gives address of Dr. Chaffee. 1/15 W
538178	1-5	To S.A.	Request shipment of batteries from Manila to Anacostia. L 5761 RB 2-1
538177	1-5	To Phila	Request material for Marine Corps Aviation Ship No 1. L 602 Capt Martin M.C.
538012	1-4	To S.A.	Request shipment of switches from Airco Factory to Ham. Rds W 750 RB 2-5
538226	12/28	CO BURNS	Request immediate shipment be made of radio apparatus listed for use on DH-4 airplanes. W.
TO CARD	1/31	CO BURNS	To S.A. 1-5
197	1/31	To Pacific Fleet 2-5-21 copy Pac	Request immediate shipment of radio apparatus. 1/6 W
538261	12/31	1st Air Detach. W	Copy of letter to Mr. Vard requesting radio apparatus listed be delivered to CO BRIDGE and other apparatus held for delivery to Lewis and Vard. W.
538034	1-5	To Hammond Radio Res Laboratory T	Airplane set at Anacostia out of order. Request send representative make overhaul W
538023	1-6	To S.A.	Request shipment of modified atg batteries from Manila to S.A. W 5774RB 5/19 W Request shipment order to be marked for USS PERIS 1/8/21 5821

Number.	Date.	From or To—	Subject.	
538771	1-8	To SAA	Regst shipment of radioreceivers from Wash to San Diego W RB 2/12/21	5822
534820	FROM CARD 190		SAA- Copy of action to Phila 1/7 Amendme of shippt order 5870 1/14	5926
539316	1-12	To Phila	Authority granted for shippt of aviation material for use with Air Force Atl Fleet W	
539718	1-12	To SAA	Regst shipment of material for gen assemblies from Airc Fcsty Phila to Guantanamo W	5859
540463	1/13	Anacostia	Gives detailed information on installn of SE 1345 on VE-7 ST at Lewis & Vought Corp.	
540510	1/13	Aircraft Fcsty	Aviation radio installn on Two CB flying boat - 1-13-21	
563163	from card 156		To Airc Fc Phila- disposition of trans loaded to Amer RR Corp 1-17 RB 1-26	

N. Eng. 134
AIRMAILS

Number.	Date.	From or To—	Subject.
536418	12/22	Sur Standards	Request copy of report on noise conditions on 12-22-47. Also reception on aircraft by S. P. Gussior. W. To Pwas report 1-27
536266	12-23	To TO Anacostia	Rest initial 12 volt battery and container to be used for use in case of intercommunication W Anacostia 1/13 To Co- concerns reus 1-18
536272			
536276	12-28	To Anacostia	AWD was on 12-27 W. Rest. Air ref. and Lub. comment on phenomena W. RB, 1/11 with recommendations. W.
536279	12-29	To SEA	Rest shipment of batteries from Washn to Phila 5392 W. RB 1-27-21
536280	12-29	To SEA	Rest shipment of batteries from Phila to SEA Phila 5392 W. Aircraft Factory- As when remaining batteries will be taken 1/11 Shipt order from Wn to Phila AF batts 2-2 6150 RB 3/18 W.
537133	12-29	To SEA	Rest shipment of batteries from Washn to Hamp. HRS 5703 W. RB 2-10
537134	12-29	To SEA	Rest shipment of batteries from Washn to Hamp. HRS 5703 W.

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Number.	Date.	From or To—	Subject.
514536	12-14	To SEA	Re st shipment of 50 vacuum tubes from Phila to SEA
534944	see 918-1		
514932	12-14	To SEA	Re st shipment of battery charging unit from Hamp Rds to SEA W
514809	12-16	To Dept of Commerce	Re st authorize representatives of Radio Lab Anacostia to use machine shop of Bur Standards W To CC Anacostia 1/5/21 Dept of Commerce-12/28 W
514815	12-16	To Airc Fcty Phila via Cundt	Additional radio material to be shipped with type se 1210 trans equipment installations W
514313	12-13	To SEA	Re st shipment of transformers from Airc Fcty Phila to Washin Yard W Airc Fcty Re st shipment order 12/13 be cancelled 12/23/21 (E720) Case of 1/5/21 (E720)
514819	12-16	To SEA	Re st shipment of radio apparatus from Washin to Phila W
514820	12-16	To SEA	Re st shipment of radio apparatus from Airc Fcty Phila to SO Phila for Marine Corps
TO CARD	12-16	Co Phila 1-6	Avia Shipt 1 W To Phila AF 1-10
192	Airc Fcty-12/31 W		To SEA Shipt of radio compass from Norfolk to Phila 12/16 RB 2-2
515878	Airc Fcty-1/4 W		To Phila-1 rel radio laboratorian Phila to Anacostia action index postponed 12/15
	from 184		Philas-Conn trans telephone conversation in conn with transfer of radio mater. from Phila to Anacostia. 12/15 W
	Fwd Dept 4/12		To Dept Gives recomdn 3/26
	End Boston		Phila- Recommends W. G. Elias radio lab Phila be transferred to Anacostia. 4/6 635-3
	To Secty Re st auth appointment of F.B. Monar 6/13		Boston- W. B. Burgess-rgst inform rel to leave status. 4/6 W

AIRMAILS

1920

Number.	Date.	From or To—	Subject.
✓ 535097	12/14	War Dept	Ask if Navy can turn article on radio air craft by Johnson Jr.
535142	12/14 12/15	Aircraft Factory Phila.	Request shipment orders be issued cov ary batteries to ~~Philad.~~ Ship from AF Phila to CO 12/17. RB 2-10-21
534824	12-17	To S&A	Report shipment of batteries from Norfolk to CO S&A W. RB 2-10
534825 S&A 1/5	12-17	To S&A	Report shipment of radio trans set from AF Phila to Annapolis W. RB 1/5/21 To Air Fac via S&A request expedite 1/10 copy Phi and Annapolis Nav. Academy - 1/7 W.
535476	12/16	Aircraft Factory	Two photos showing radio install on F-5 planes. W.
535494	12/15 Aircraft Factory To Phila 1-19 To Phila 3-14	Aircraft Factory Request action 1/15	Radio generator bracket on PG-9 and PG-10 W. RB 1-14 To Air Anacostia 12/21 Transmitter 12/23 W. RB 1-14 Request shipment of radio equipments from GB to S&A DL 30 W.
535382	12-18	To S&A	
535787	12/17	Aircraft Factory	Calibration of radio compass for 5 apt to Camm. Radio unit. Party who is to operate same be given instructions cov. To Anacostia 12-23. Gives Instrns 12-23

AIRPLANES:

1920

Number.	Date.	From or To—	Subject.	
551591	12-1	To S&A	Reqt shipment of vacuum tubes from Washington to CC SHAWMUT W HB 2-10-21	
551587	12-1	To Anacostia	Reqt development of radio problem 99 covering scouting plane emergency trans.	W
551588	12-1	To Phila	Authn for install radio equipment on Fleet seaplane type F-5- Confirmation of phone conversation W	
531926	11/26	CD	Recommends spare parts listed to be used in conn with repairs to radio on aircraft carried on board. W	324-6
532490	12/2	Aircraft Factory	Fwdg wiring diagrams of radio installn on board R-3- HB 12/16 with drawings. W	
532358	12-6	To S&A	Reqt shipment of radio transmitting equipments from GE Co to Howden Yorkshire England W S&A- Copy of Action to GE Co. 3/12 W	4/25 W
532991	12/4	Hammond Labr	Fwdg patent application showing proposed method of control of aircraft by radio. To JH Hammond 12/17	896
532366	12-7	To Phila	Omission of radio material form standard equipments- authority granted W	
	12/2	San Diego	Reqt auth install radio trans equipment in dirigible B-1-8 W	
532102	12/1	To S&A	Reqt shipment of radio from Phila AF to CC SHAWMUT W 5382 HB 2-10	629

AIRCRAFT

Number.	Date.	From or To—	Subject.
533359	12/7	C&R	Copy of letter to Inaprr Calludet in conn with radio and Ordn instrn on D-11 seaplanes. W
533265	12-7	To S&A	Reqst shipt of vacuum tubes from A.P. Phila to Yorkshire England W RB 4/5 W.
533269	12-7	To S&A	Reqst shipt of airc radio trans from GE Co to Anacostia W RB 4/15 W. To Inaprr GE reqst status 2-25-21 Inaprr GE 2/28 W.
533268	12-7	To S&A	Reqst shipt of gen assembly from AF Phila to Garden City W Shipt from Garden City to Phila AF 12/7 2421 RB 1/4/21
533266	12-7	To S&A	Reqst shipt of trans from Union Iron Works to AF Phila W
533267	12-8	To S&A	Reqst shipt of trans from Watow Beth SE Corral to Phila W RB 3-1-27-21
533269	12-9	To Anacostia	Instructions rel instrn of airc radio trans equipment type SE 1370 for flying boat type F-5-1 To Inaprr GE 2/25 RB 3/28 W.
533795	12;7	DesLauriers Column Mould Co	Submits information re new wind tunnel which company has under construction. W
534133	12/9	Dept	Copy of letter to Dists. giving instrns rel to aircrft communications. W.

AIRMAILS

Number.	Date.	From or To—	Subject.
529983	11/15	CAR	Approves radio direction finding install on D-5 car for D-5 Airship.
530049	11/19	Des Lauries Column should	Ask Akron 11/20 Akron proposed cage for wireless install in D-5 car-rws prints-11/24-25 Send quotation covering air fans.
2-17	11/13	And Anacostia	Re 11/19 returning print showing radio generating mounting with comments on.
530141	11/17	Phila.	Ask if wire and cable and lugs for arc sets are still needed. W. To Phila 12/2
529498	11-18	To S&A	Request shipment of gen assembly w prepealer from AF Phila to Garden City W RB 12/4 W
529499	11-19	To S&A	Request shipment of gen mount and mounting board from Anacostia to E. Greenwich W RB 12/10 W
529853 S.E.C. RD 187	11-23	To Comdt Phila	Install on flying boats type F-5-1 mounting of radio gen unit type CG 111 Auth granted W
530824	11/23	Ham. Rds. Copy	U-16 3487 will leave for Rockaway carrying wave length 375 meters.
526935 S.E.C. RD 47	11/22	American R/R Corp El- 220	1st air line test set set; 3 are ready.
530405	11-24	To S&A	Request shipment of trans equip from Schenectady to Ham. Rds W 5301 RB 2/12/21

Number.	Date.	From or To—	Subject.	
530403	11-24	To S&A	Request shipment of airc radio phone equipments fr m	
#209	11-24	Ask if GE or bureau will	GE to Brockton 12/14	
		turn special messenger cov radio equip	to Ins. c GE 12/8	
530407	11-24	To S&A	Request shipment of trans equipment from GE	
			to Coco So/o W	
530406	11-24	To S&A	Request shipment of trans equipment from GE to	
			Pensacola W RB 1-24	
530413	11-24	To S&A	S&A- Copy of action to GE Co. 2/16	W.
			Request shipment of switches from Washn to	
			Airc Pac Phila W RB 1/4/21	
531145	11-27	To PHIB	Radio Dept: Request necessary material drawing from store	
			to equip gen assemblies and read variometers W	
528263	11/12	To Anacostia	Assignment of radio research problem--	875
			antennas for trans signals on number of	
			wave lengths. W	
531720	11/29	Atl. Fleet / Copy	Mail list for ship planes division for	
			Cuba expedition approved. W.	
531840	11/29	War Dept	Request nomenclature list of radio	
			equip as used by Navy, be fur. W.	
532103	12-1	To S&A	Request shipment of radio from Airc Pac Phila	
			to CO S&A MUT W	
532105	12-2	To S&A	Request shipment from CO S&A MUT to Airc Pac	
			Phila W RB 12/22	
531590	12/1	To S&A	Request shipment of vacuum tubes from Washn to	
			Airc Pac Phila W RB 1/4/21	

AIRPLANS

Number.	Date.	From or To—	Subject.
488750	from card 168		Recruiting station, Providence. Radio equipmt shipt to Station from which it was received. 11/18 W.
ELD 10 CARD 277			To S&A 11-19 W. Aviation 10/26/22 W To S&A- rel status of mat loaned to Acr. t. g. Officer cc Aer. nautics 11/1 Property Act Office 11/14 Rqsts dispo- sition of material shipped to recruiting station on 11/14/22 W. To Mr Phila via Comdt- Rqsts inform rel radio mat cc S&A 11/24 Air Craft Factory 12/5/22 W Phila 12/6 W To Navign- Rqsts Inform rel material cc S&A 12/12 Property Act. Office 3/3- Rqsts action W Navign 3/8 Copy action W Rwas S&A - status of mat cc Navign 3/4/23 Fwd to Navign- 3/17/23 Prop Act Office 4/12 Rqsts action W Test. of L. & SE 1442 -4 aircraft send-receive switch. Rwas. W.
528884	11/11	A. ac. atia	
528828	11-13	To S&A	Reqst shipt of storage batteries from Wash to Phila Air Factory W RL 12/22
528259	11-12	To S&A	Reqst shipt of radio gen propeller from Air Factory to Anacostia W RS 11/19 W.
528258	11/11	To S&A	Request shipt of 100 emergency batteries from Washington to Aircraft Factory Phila. RS 12/6 W
528835	11-13	To Paris France Tel	Reqg info shipt emergency balloon antenna equipment for seaplanes what is chemical used in generator W. Nav Attache, Paris- Copy- No orders for kite and balloon apparatus placed. 12/1 W. To I tel. rel purchase of antenna 12/6

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AIRPLANES

Number.	Date.	From or To—	Subject.
528846	11-16	To Comdt Phila	Auth granted to withdraw from store, trans equipment for use in conn with standard install in a/c. W.
✓ 528952	11-8 11-16	War Dept To Secty War	To Air Pac 5-24 Cannot grant reqst for purchase of radio transmitter. W
✓ 529231	10/28	Airshipt Detach. England 756-3	Subs report on radio tel graph installed in rigid airships; recommends 550 watt spark trans. letter be installed on R-38 W. To CC -rel action taken 11-17 Europ Forces- Copy- W.
529311	11/12	Alusana	CC DYER reports British type of spark trans not satisf. Recommends SE type 1810 W.
529586	~~11-14~~	~~To Comdt Phila~~ ~~Extr 10-22-23~~	Recomm drawings and descriptive matter for ~~XXXXXX~~ with screw turbines. - Cannot consider ~~which are passed~~ expr stage D
528008	11-17	To Phila Instln appvd 12-23	Exds drawing in conn with modifications in wiring of type SE 1442 A send-receive switch. W
529358	11-17	To Mitchell Field	Aircraft Factory Exds drawing of send rec switch 12/2 W and Antecostia 12-17 Instaln of spotting radio sets on shipping planes of Atlantic Fleet. W RB-11; 26-W
529611	11/18	Antecostia	Subs report on conference between Lt. C. D. Palmer and manufacturers in conn with instln of radio a/crs on D-9 and D-11 seaplanes. W
529853 5	11/15 11/16	Aircraft Factory Phila.	Request authority for manufacture wing fittings for ~~cont. 145~~ of Emilio Encalator ~~units~~ . W To Ph auth granted 11/23 Intelligence 11/22

Number.	Date.	From or To—	Subject.
527352	11/3	Anacostia	Fwds request of L. A. Gebhard for patent covering wave changing device; fnds photos and prints. W.
523709	11/5	To Inspr Brock and Sup C of Airc IX (encl. 11/5)	Joint; Radio 11/5. 11/5
527352	11/3	To Inspr Brock and Sup C of Airc IX (encl. 11/5)	Joint; Radio 11/5. 11/5
528087	11/4	Anacostia Labr. Dept	Fwds beneficial suggestions from L. A. Gebhard covering wave changing device for aircraft radio spark transmitter. W.
528045	11/6	Westinghouse E/L Co.	Ask if Navy as 6 airplane sets available for sale. W.
528124	11/6	Aircraft Factory Phila.	S&A- Copy of action to Westinghouse E/L Co. 12/7. Fwds prints showing bracket to be used in mounting of radio generators in propeller slip stream, on 5-2 seats. 11/10. W.

Number.	Date.	From or To—	Subject.
513993		FROM CARD 179	Aircraft Factory - Request amend a/c order. 11/9 W To - Amendments of a/c order 11/10 Aircraft Factory - Request amend a/c order 3/11/13 To Phila. AF. Feds. copy of ship request 12/2 Aircraft Factory - Request action 12/15 To O-I-C Phila Feds cc s first request 12-23
527616	11-9	To Phila	Authority granted to withdraw from store material for instruction on NC-9 and NC-10 W
527619	11-9	To SAA	Request shipment of dummy models of radio equip from Anacostia to Akron RE 12/2 W W
515165	11-9	To Dr. Chaffee T	It. Palmer arrives Cambridge Wednesday 10th connection design problem 109- W
527620	11-10	To SAA	Request shipment of amplifier from Washington to Anacostia W RE 11/13 W. Canc of 11/12
528250	11-10	To Anacostia	Assignment of problem 95- covering landing field indicator audio frequency system. To Anacostia 11/18 Anacostia - Two tower on localized signalling system for airplane landing. 12/13 W ask if have ever used remote control for starting dynamos W. To Hammond Rd Lab 11-19 To Hammond Lab 1-18-21
528817	11/11	Hammond Labr.	

AIRPLANES

Number.	Date.	From or To—	Subject.
525026	10/18	San Diego	Reqs by official suggestions by G-7 Aircraft covering engine driven radio aircraft generator for communication in flight and on water. c Rwd Anacostia 10/22/20 W. RE 11/3 W. To Secty 11/8 RE 11/12 W.
51986		San Diego 182	To Langley Field Co. (1) Ask if can be partial delivery of 60 W. W.
	10-22	To SAA	Request of trans from G. to Phila 6000 W. RE 12/22
525724	10/29	To SAA	Request shipt of helmets from Anacostia to Aircraft Factory Phila. RE 11/23 W. To Phila. 11/1 W.
525729	10/30	To Insp'r Brook. 632	Re detail of Lt. Palmer to works of DeLaurie's Columbian Mould Co. to witness tests of aero radio gen propeller. W. shipt also of 200 lbs of material Rwd Navy Disc Off 3/1 W
526374	10/29	Naval War College	Request complete data including photos of aircraft radio communications. W. To War College 11/3
526436	11/2	To SAA	Request shipt of Bakelite tubing from RFB to Aircraft Factory Phila. (5109) W. cancel shipt order 11/10

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AIRPLAINES

Number.	Date.	From or To—	Subject.
526432	11/3	To Pensacola	Trans five copies of drawings. W.
526441	11/2	To S&A	Reqt shipt of radio outfit from Mitchell Field to Anacostia W. RS 12/7 W
526437	11/3	To Pensacola Air Sta	Trans copies of drawings for instrn purposes. W.
526444	11/2	To S&A	Reqt shipt of modified variometer from Anacostia to Airn Fctry Phila. W. RS 11/20 W
526998	11/1	L. A. Gebhard ✓	Subm complete description with photos and print of wave charging devices developed by himself. ~~Operational success~~ W.
527041	11/2	Anacostia	Subm comments on re-radiation of signals. W to Navy Observatory, D.C. - R.D. Co. letter 11/6
526448	11-3	To S&A	Reqt shipt of radio material from Airn Fctory Phila. to Anacostia W. RS 12/8 W Aircraft Factory 12/10 W Land of 12/17
527250	11/2	Rockaway	Reprt on radio instrn in F-5 flying boat 2596. A.

AIR MAILS

RADIO

Number.	Date.	From or To—	Subject.
523333	10/13	Anacostia	Listing field indicator- false curve with report on. W.
523351	10/11 10/15	Aircraft Factory Phila.	Radio intln on F-5 flying boat 3536- subm port of. with photos. W. Fwd Rockaway- 10/28
523373	10/14 10/15	American Mechanical S-1	Invert Co. Is attn. to constant speed for use in rotating generators for Radio electric 3A aircraft. W.
523811	10/16	Magnavox Co. (T)	Ask if possible to purchase helmets from navy for Magnavox aircraft inter-communicating telephone sets. W.
678			
515818	10/13	To Comdt 4th Dist	Civilian radio personnel complemen. of 4th Dist. recommends changes WK
CD To Phila 180 Phila. 11/15	10/30	W. Ellis 11/5	Phila. Recommendations covering changes in civilian personnel 10/22 W. Radio person
522872	10/14	To Anacostia	Fwd copy of action C&R
523155	10-15	To Inscr NY& Pitts Joint	Int. relations- radio- loading for. Fwd specims.
523332	10-11	Anacostia	Fds photos showing long wave receiving loop and control for loop with report on W 922

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.	
524305	10/16	Anacostia	Report on test of air craft send-receive switch on F-5 seaplanes 3788. W.	
524422	10/16 10/18	Aircraft Factory Phila.	Request ship orders be issued covering return of radio apparatus ship to Ham.Rda. for F-5 flying boats. W.	
524669	10/21	Anacostia	Report on test of modified type of variometer. W. To Phila- 10/27 W	
524695	10/15	Anacostia	Design Problem 63-B - report on investigation of possibility of changing wave lengths on aircraft radio spark transmitters. W.	
523720	10-22	To S&A	Request shipment or change over switches from Aircraft Factory Phila to the Fleet RB-4;30-W	W
523719	10-22	To S&A	Request shipment of switches from Phila Aircraft Factory to Shawmut	W
523709	10-19	To Insp'r Brook	Rel detail of Lt. Palmer to works of Lewis Vought Corp. for purpose of making plans for radio installation on VE-7 type ships. W/orig 10/23	
18670	10/28	Anacostia: submits instructions re installation of radio equipment on board Vought planes; 10-25: W Insp'r Brook-Testing changes be made. Insp'r Brook-11:24-W	to S&A- Insp'r Brook and Sup Cons Aircraft Factory. Conference 11/1 problem 37A and 63 A completed W	
523722	10-22	To Anacostia		

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Number.	Date.	From or To--	Subject.
516564	FROM	CARD 180	Phila- Two prints showing variometer. W. 10/6. rwd Anacostia 10/9 RE 10/14 W.
521599	10/6	Anacostia	Subm. specifications for radio generator propellers used on aircraft. W. to be
521812	10/7 10/8	Aircraft Factory Phila.	Request authority for re-instln of radio apparatus on F-5 boat 3592. W.
522220	10-13	To Rockaway	Instructions for use of antenna change over switch, instln on type F-5 airplane 3596 To all Fleet Instructions 10/12 To ATL Fleet 10/12
522105	10/7	Atlantic Fleet Copy	Cannot send airplanes to Phila. for radio transmitters. W.
522229	10/13	To S&A	Reqst shipt of bakelite from Fleet Base to Aircraft Factory Phila RE 12/6 W.

AIRCRAFT RADIO

Number.	Date.	From or To—	Subject.
522204	9/30	Airship Detch. England	Report on multi-wave amplifier. W. and Bur Stds 10/16 Bur Stand. Labb. Comments on report. 10/22 W
522548	10/11 CANCELLED.	Lt. Hdr. R.N. Hinkley	Report covering weekly aviation conference held nothing of interest to Bur.
522594	?		Parapet on aircraft position of direction findings by W. reless. W.
523191	10/14	Dept	Copy of letter to CER stating allowable gross weight of C-1 and ST airplanes is not to be exceeded. W.
523530	10/13	Anacostia	W. 3 report of work in Conn with calibration of radio compasses on board aircraft of Atl. Det Air Detch. W. S. 4th Dist 10-18; RB 10-28; W
523331	10/13	Anacostia	W. 3 letter from S. F. Perkins in comp with use of kite for carrying a kite and radio antenna for communications from stranded seaplanes. S. 4th Dist 10-18 CER- Copy of action to Anacostia. 11/2 W. CER- Ass. F shall develop kite balloon of about 100 cubic feet volume. W. To CER 1-18

716 ✓ S. F. Perkins 5/19 - Calls attn to use
of kites for lifting radio wires on
seaplanes when plane is disabled on
surface of water. W.
Aircraft Factory-
5/21 W.
To S. F. Perkins Co 5-25

AIRMAILS RADIO

1920

Number.	Date.	From or To—	Subject.
519472	9-29	To SAA	Request shift of rat from in Standards to C Phila 4562 W. RB 10-29:W
520008	9/25 9/28	Aircraft Factory Phila.	Request inform rel to change over switches radio instn on F-5 boats. W.
519964	9/28	Anacostia	Fwds report on conditions rel. to radio instn. observed 15 Type D 11 D-9, by Lt. Palmer. W. And CAR 9/30 RB 10/12 W.
520250	9/29	Akron	Copy of letter to CAR fwding print showing proposed cage for wireless instn on air ship D-6 W.
520292	10-2	To Operations	Shipment of air radio material to Atlantic Fleet Air Force W
519468	9-28	To J. J. Raypsis Benjamin Elec Mfg Co. Phila	Expedite shift high pitched buzzers in voice 45408 period urgent needed To Washn rel problem 114 9/30 Ben. Elec. Co. 9/29 W. To J. J. Raypsis Benjamin Elec (T) 10/8 10/22 W. Request report of material W
519469	9-28	To Benjamin Elec T 10/20 Ben. Elec. Co. (T) Subm quotation on buzzers. To Atl Ft Shipplane Divn Mineola	
266			
520366	9/30	Anacostia	Rel ranges of aircraft wave lengths; report covering. W. f-d Washn 10/4 RB 12/1 W.

AIRPLANES; RADIO

Number.	Date.	From or To--	Subject.
520298	10-4	To London	Radio equipment on R-38- W To London, London, wire T rel vacuum tubes trans at present 10/20 European Forces: (copy) installation of vacuum tube transmitting set impracticable: 10-29: W Nav. intelligence- 11/22 W.
520657	9/17	Airship Detach, Eng.	Radio telegraph - method of communication used by R.A.F. in comm with aircraft - comments on. W.
520855	10-6	To Director Navl Intl Aviation	British aircraft radio apparatus concerning purchase of W
521068	10/5	Dept	Copy of telegram to Atlantic Fleet asking if can send a plane to Aircraft Factory to obtain transmitting equipt. W.
521210	10-7	To Ham Rds	Radio equipment for Martin Toronto plane. To Ham Rds 1-15 RB-4:30-W W
521253	10/2 10/4	Aircraft Factory M.I.I.	Exds sample of tubing for variometer. W.

918 AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
517868	9-17	Deslauriers Cold Co	Request order covering development work: W
517216	9-21	To S&A	Reqst shipment of radio apparatus from Phila Airc Macty to Birmingham Ala. W To S&A Reqst Action 10/26/21 RE 10/31 W Re S&A 11/8 2
518136	9/18	C&R	Radio equipt for towing air ship. W. To C&R 9/22
518379	9/20	Washn.	Request instrn book for aircraft radio transmitter. W.
518016	9-22	To OO's Stations Fils	Radio tele avia trans equipments type SE 1310 failure of power transformers. Reqst comments: W Anacostia; 9-24; W Rockaway 9/24 W Hammonds; 9/26 W Atlantic Air Force: 10-28; W Atlantic Air Force: 11/12
518725	9/22	Florida, West Indies Airway	Request opportunity to buy radio sets. W. Re S&A: 9-29 To 9/28

AIRPLANES: RADIO

1920

Number.	Date.	From or To—	Subject.	
518424	9-23	To Insp'r Brooklyn	Radio installn on airc types D-11 and D-9 now building at works of Gallaudet Airc Corp'n. W copy Lt Palmer Anacostia.	
518422	9-23	To Director Nav Intl Nav. Intelligence—Swds letter from Nav. Attache Lond. withprints and report rel to automatic assem- bly-174 W. 1-8-21 RB 1-15	Automatic wireless sender new airplane equipment. Request info in re to article in "Popular Mechanics" of July 1920 concerning same W. Intelligence 12/20 W.	W
518696	9/23	To Airc Secty N.Y. Insp'r Aircraft. Joint	Pilot letter—installations—radio—bonding for Swds specifics, applying to machines listed. Insp'r Brook—Recommendations 10/12 To C&R— suggestions rel designation of 11-11-23 W Copy of action to Insp'r Garden City.	A
518015	9-22	To An. Costia C&R—Weights station 10/13 W. To C&R—Ask to inform den work camp IC-16	Avia— design problem 112 covering design of radio trans and rec set for towing airship Makes assignment as class A. W Anacostia— Gives weights and dimensions of transmitting and receiving equip't. 9/29 W To C&R 10/5	
51068	9/23	C&R	Copy of instructions for installation of radio; W	629
519627	9/27	Magnavox Co. (T)	Request authority to purchase 100 old style helmets. W. To S&A 9/30	
519809	9/29	Anacostia	Copy of telephone conversation in conn with sending H-16 seaplane 4073 to Lorr. for radio test. W.	
519468	9-29 Ham. Rds/-	To CC's 2/17 W	Gives list of sta types of rad eqpts to be instld Sta types of aircraft W. cc Eng Operns W. To CC Camp Rds 2-12-21	in

AIRCRAFT: RADIO

1920

Number.	Date.	From or To--	Subject.
515824	9-10	To CO's Air Stations Fleets	Re. eval of radio material to Naval air Factory instructions.
516404	9/10	San Diego (T)	Dirigible radio transmitters held up awaiting approval of certain part. To San Diego (T) 9/11
516514	9/4	Magnavox Co.	Airplane microphones: will send sample for test.
516616	9/10	C&R	Fwd's book from McCook field on radio airplane control.
516759 see other	9/7 side card.	San Diego Air Sta.	Request transformers.
516943	9-13	C & R	Purchase of miniature kite balloon for elevation of antenna wire will be held up pending Comdr H. Pope's report.
516564 TO CARD 183 513563	9-15 Aircraft Factory prepared 9/18 Magnavox Co. - 9-15	To Phila Drawings are being Fwd's contracts for execution. To Phila	Radio tele. via trans & equipments time SE 10 various net rs for. Reqt drawings. Aircraft Factory - Will fwd plan when completed. 9/18 W Reqt & agreement for type MBT planes. Reqt spec be added W
515165	see card 186		

AIRMAIL RADIO

Number.	Date.	From or To—	Subject.
516544	9-14	To Inspr Union	Contr ct 51735 reqstn 64 with Magnavox Co covering 500 microphone transmitters. Request action.
51736-68	9-20	Magnavox Co; memo bill covering airplane microphone; 9-20; W	Magnavox Co. - Fwds sample. 9/16 W.
517216	9-14	Inspir Union- Fwds letter from Magnavox Anacostia- Reports on test of magnavox microphone fitted with push button. 9/24. W.	Request radio material be issued to navy balloon A-5860; W
517038	9-16	Aircraft Factory	Request radio material be issued to aircraft factory. 1/1/22
517057	9-16	To S&A	Request radio material be issued to Phila Airco Fco W RB 10/9 W.
516759	9-17	To S&A	Request shipment of trans sets from Airco Fco Phila to San Diego W. RB 1-25-21
517426	9-17	To S&A	Request shipment of receivers from Washington to Mitchell Field W RB 11/30 W.
517427	9-17	To S&A	Request shipment of recs ampl comp coils from Washington to Phila AF. W RB 11/9 W.
515161	9-17	To GE Co	Fwds list of Bur shipt orders covering radio material shipt as temporary loan to GE Co. This material has not been returned. Request action. Copy Washn Inspr GE
517575	9-20	To Anacostia	Request radio equipment be placed on planes at stations for operations

AERPLAIES RADIO

1920

Number.	Date.	From or To—	Subject.
998			
513983	8/24	Aircraft Factory	Request 12 frequency and 12 audio frequency
TO CARD	8/21	Ship order from Phila to Washn.	transformers for ship. W.
186	9/21	RB 10/20 W.	Ed Washn. 9/4; RB 9-17: W
513620	8-30	Aircraft factory; 10-28; W	To S.A. Request shipment of 4 propellers from
	8-30	To Sanda	Phil 1266 9-4 RB 3-25-21
			Anacostia to GL Co W
513618	8-30	To Sanda	Shipt from Washn to Airc Fac storage batteries W
			RB 10/9 W.
514183	8/25	Anacostia	Reports on test of Callaphone throat
			microphone. W.
			To Callaphone Co. fwsd copy of report. 9/31
513619	8-30	To S.A	Request shipment from Washn to Navl Detachment
			Yorkshire England W
514427	8-1	To S.A	Request shipment from FSB to Phila Airc radio
			status. W
481493	8-1	To S.A	To S.A 10/9/20
			Aircraft factory; 10-28; W
			to Phila 11/6
			Rockway 8/26 W.
			Phil 1266 9-4 Request bellite tubing, 9/4 W
			To Atlantic Fleet. 9/16
			To Pensacola 9/30
			Pensacola - Request authority to continue
			use of 425 meters for training purposes. 10/14 W
			Pacific Air Det; 10-21; W
			Shipt from Airc Fac Phila to San Diego 11-17 RB 5/16
			Shipt order from San Diego to Phila AF 11/17 RB 10/5
			To Anacostia 2-18
			Anacostia fwsd photos of redesigned
			transmitter. 3/8 W
			San Diego - Material recd. 5/16 W.

AIRPLAINE RADIO

Number.	Date.	From or To--	Subject.
514749	8/27	Aircraft Factory	Request authority to install radio on 36 flying boats. W. To Phila 9/2
514750	8/27	Aircraft Factory.	Request authority to install radio approx on 4 F-5-L boats; also supply spares. W. To Phila auth granted 9/2
514881	9-3	To S&A	Reqt shipment from Aircraft Factory Phila to Des Moines Column Mould Co Jersey City. W
515152	9-3	To GE. Co	Acknow memo of shipment covering instruments taken as baggage by W/O Henderson of Co in Conn with test of Air Gen under cognizance of Bur. W
515786	8/31	AR C5700K	Ask when medium power aircraft radio telephones will be issued. W. 902. To Pac Fleet- rel issue of telephones. 9/9
515157	9-4	To S&A	Reqt shipment of Apparatus from Wash. to Phila 4264 W. RB 9/25 W.
515159	9-4	To S&A	Reqt shipment of apparatus from Wash. to Phila 4265 W. RB 9/25 W.
515822	9-8	To Anacostia	Radio tele. re radio research problem 53-B- work completed covering. Reqt further work under problem 82 B landing field indicator W
508292	7-31	To Anacostia	Aviation Junior type all metal plane radio equipment for install reqt W C R copy action to Anacostia 8/7 898

AIRPLANES: RADIO
 Number. Date.

From or To—

Subject.

512016	8-18	To Paris Naval Attache (For Comdr Hooper)	(T) Advise in re to Hammond airc battleship spotting se's. W Hooper-Copy- Accomplish purchase 2 addtl sets. 8/23 W
512018	8-19	To S&A	Reqt shipt of radio appr from Washington to Airc Fac Phila W 8/30 W.
512017	8-18	To S&A	Reqt shipt from Hamp Rds to Phila Airc Factory radio receivers W 11/23 W To S&A reqt status 9-28 To S&A 10/21
512707	8/18	Mitchell Field	Fwds report on radio communication test aircraft. W.
513084	8/19	Aircraft Facy	Radio instln flying boat F-5-1-no compass nor telephone. W.
513085	8/19	Aircraft Facy	Fwds prints of radio instln flying boat, type LC-5 to 8 and Anacostia 8/25 MB 9/9 W.
513087v	8/18	Aircraft Facy	Request authority to install radio equipt in B-2-7 airplanes. (5) W. To Phila 8/26/20
513086	8/19	Aircraft Facy	LC-7 and 8 radio apparatus for request be furnished. W. To S&A Reqt shipt of apparatus from Phila to CO 42-63
513155	8-25	To Atl Fleet	Reqt report on radio equipt installed in sea line type B-C L 3940 W. Shawmitt- Repts on. 9/8 W.

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.
509016	7/28	Pensacola	Summarized report on communications will be submitted upon completion of NG training. W.
518197	8-4	SEE CARD 187E 168-B det'd act on S. Diego Coast Pensacola; 9-7; W	To IM NO Res. res. elements and recomms be made on encl re to Radio Compass station located on Santa Rosa Island CC Q. 8-4 Hampton Roads; 9-7; W
508670	8-3	To SAA SAA- Request action/ 10/23 W.	Reqt shipmt of apparatus from GE to SC Phila 3889 W.
508671	8-3	To SAA	To SAA 9/25 To SAA 10/21 Reqt shipmt of apparatus from GE to SC. Phila 3890 W.
508672	8-3	To SAA	To SAA 9/25 Shipmt order cane 11/4
508673	8-3	To SAA	Reqt shipmt of apparatus from GE to SC Washn 3891 W.
509759	8-4	To SAA 10/21 Anacostia	Reqt shipmt of apparatus from GE to SC Anacostia 3895 W. RE 12/13 W
509584	8-5	To A F Phila rel action taken 11-26	To SAA 10/25 W. Fwds radio design problem #80 covering emergency transmission. W.
509967	8/3	Nav. Intelligence	To Anacostia 8/8 Anacostia 8/9, Comment. on. W. Reqt drawing of alternative inst'n CC Phila Aircraft Factory- Fwds prints showing experimental radio inst'n on D-4 seaplanes. 11/2 Fwds copy of article rel to wireless direction finding apparatus appearing in "Engineer". 919 W.

AIRPLANES RADIO

Number.	Date.	From or To--	Subject.
510066	7/19	Lt. Cdr. Conger.	Report on investigation of air craft communications at Rockaway and Mitchell Field. W.
510163	8/3	Anacostia	Report on test of radio equipt on Leaning L-8-O seaplane. W.
509539	8/7	To S&A	✓ Request shipment of airc radio phone equipment from Rock to Airc Phila serial 3938 Amendment of 9/21 RB 12/8 W
509543	8/9	To Co's	✓ Request shipment of airc from Brook to Phila Std specns for instaln of radio n airc types H-15 and H-5-L Pacific Air Det: 10-21: W
509539	8/7	To S&A To S&A	✓ Request shipment from Brook to Garden City radio phone equipment W serial 3938 RB 11/30 W Amend of 9/21/20
509525	8/9	To S&A	✓ Request shipment of phones from Washn to Mitchell Field W
509526	8/9	To S&A	✓ Request shipment from Airc Phila to Mitchell Field radio appr. W RB 11/30 W.
509534	8/8	To Phila	Request radio equipment installed in H-5-L flying boat 3606 at Airc Factory be installed in craft from transce and spec for this type of airc. W

1920

Number.	Date.	From or To--	Subject.
506263	7-21	To Y & D	Mail for Laboratory Anacostia. Shipmt for Botn-to-... superintendent erecti... of. c... CG Y&D- Request allotment of \$500 to cover work. 5/13
506359	7-21	To All Flt S. H. Ilana Detachment Mitchell Field	Reqt advise quantity of equipment which could be installed and put in service in the Detachment. Reqt report as to performance and suitability. Mitchell's Field- 7/23 W
506379	7/21	Natl Advisory Com.	For adv on use of wireless telephone and telegraph with aircraft.
506401	7/21	Anacostia	Subv recommendations rel to instln of radio a/lrs on R-38. 7.
507157	7/2	Communications	Radio communication instrns for internatl yacht races. W.
506955	7-24	To Naval attache London	Radio telegraph R-38 radio equipment for. W
506370	7-24	To H.Rds To Hq. Rds To Hq. Rds To Hq. Rds	Reqt preparations be made for conducting radio tests and expts with MC-2 upon arrival. To Hq. Rds. 8/9 To Hq. Rds. 8/20 To Hq. Rds. 8/20

Number.	Date.	From or To—	Subject.	
504789	7-14	To S&A	Reqst shipmt of radio appr from AF Phila to Mitchell Field RB 11/30 W.	
505016	7-14	To S&A	Reqst shipmt of propellers from Anacostia to Phila AF W RB 8/6 W.	
504788	7-14	To S&A	Reqst shipmt from Washn to Mitchell Field radio signal sets. RB 11/30 W.	W
505014	7-14	To Rockaway Beach via NY	Confirmation of phone conversation between CO Rockaway and Bureau concerning loan of airc radio material to N.Y. World. Authorizes. W Wd Rockaway 8/13 RB 8/17 W	W
505248	7-15	To CO PENSACOLA via Communications	Reqst comments on Ships airplane spotting sets ready for issue to training bases for ship plane detachments. W	W
505029	7-15	To Norfolk ERROR	Authorized projects in conn with radio	
505722	7-17	To S&A	Reqst shipmt of radio receivers from Anacostia to Phila Airc Factory W RB 8/13 W.	
506333	7-15	Anacostia	Use of secondary receiver condenser for a/crit radio classes- Mds photos with report W to C. G. S. use of secondary rec cond in conn with airc radio comp. sc. 7-28	

1920

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.
502928	7/2	Rockaway (T)	Lists radio eqmpt installed on each F-5 seaplane. W
503154	7/3	C&R	D-6 airship in comm with radio direction finder installn. W. Iwd Akron 7/7 C&R Request action. 8/15 DA Iwd Akron. 8/21/20 Copy back 8/26 W.
503274	7/2	CO OHIOA	Test of type 3M1380 aircraft transmitter- report covering. W. C&R 7/3 Proposed direction finder installn of envelope using Devel Gears- Iwd prints. 8/12/20 W
502984	7-6	To Secty War	Radio telegraph- aviation Mitchell Field Mineola L.I. install of navy radio equipment Request permissions to make installn. W War Dept 7/28 W. To Sect Navy request auth for loan 8-6 RE 8/12 W Iwd NY 8/26 RB 4/1/21 W Iwd IR 1/17 W
501978	7-6	To GOLDSBOROUGH	Radio apparatus- Will be loaned temporarily for comm with air re when at Rockaway Beach. To Rockaway Beach- rel material for installn 8/6 To CO instructions re disposition 7/22 CO GOLDSBORO 8/5 W. To Mott. 9/10/20 RB 10/23 W
502181	7/2	To S&A	Request shipment from AF Phila to Pac Fleet radio W RB 4/30 W
502429	7/2	To S&A	Request shipment from San Diego to AF Phila radio W
502427	7/2	To S&A	Request shipment from Wash to AF Phila stg batteries RB 8/30 W.

Number.	Date.	From or To—	Subject.
503598	7/6	CO Copy	Report on test between F-5 seaplane at Anacostia and vessel. W. To Anacostia. Expresses appreciation 7/9 cop Operations and Communications To OHIO. — expresses appreciation 7/9
502987	7-7	To Comdt Phila	Aviation -airc radio trans type SE 1310 change in wave lengths of. W
502988	7-7	To Comdt Phila	Aviation radio equipment to be installed in Martin bomber type plane. W
502990	7-7	To Comdt Phila	Fwds specifications Ships airplane radio telephone equipments. W
477586	FROM CARD 154 Phila. Weekly report. 1/22 W Phila. 8/3 W.		Aircraft Factory Instln schedule 7/7/43 Aircraft Factory - Weekly report. W. 7/7/43 Aircraft Factory 7/20 W. Aircraft Factory - Fwds radio instln schedule Phila. 8/13 W. Phila. 9-16; W W. Phila- Weekly report. 10/15 W Phila. 10/22 W.
504343	7/9	Hockaway Copy	Communicat on test between COLDS-CRO and F-5 seaplane 3010 and Mercury Station, L.I. satisfactorily completed. W.

4—5382

AIRPLANES: RADIO

1920

Number.	Date.	From or To—	Subject.
501290	6-25	To Comdt Great Lakes	Table chart showing standard equipment Request use of material absolutely discontinued W
501298	6-28	To Pensacola	Installation of radio compass on class C dirigibles Specimens for. Request photos be fwd with spec's W
Pensacola—Comments on desirable location. 10-1			
Pensacola—3-7			
Commission about 10/15 10/12			
502181	6/24	Pac. Air Detachment	Request spare parts for transmitters be turn. W.
Amendment 8-2			
502473	5/21	San Diego	To Pacific Fleet—shut orders being issued 7/1
6/29		Communications	To Pac Fleet. Request info 8-2 Submit report on communications between aircraft submarines.
501971	6-29	To SEA	Request list of airc radio receivers from Washn to Pulla AF W RB 8/2 W.
501970	7/1	To SEA	Instructions re sale of aircraft—radio tele. one trans equipments and all classes of airc radio rec equipments be removed and turned to store W
502420	7/1	To Atlantic Fleet	Request report on radio material used in setting by aircraft with recs. W To Pacific Fleet ditto 7/1

APPROVED: RADIO

1920

Number.	Date.	From or To—	Subject.
497893	6-8	To S & A	Request shipment of transmitters, spares, etc. batteries, from A. F. Phila to Air Detach Pacific Fleet. W RB 4-130 W Sent order from Washn to Pac Fleet 5-8 RB 4-30 W Aircraft factory - Copy of action to S&A. 6/26 W SCA 7/2 W To Pacific Fleet (T) 9-25
498544	6/8	GE Co.	Encls letter from Lt. E. A. Coutinab, Brazilian Navy, requesting information regarding radio tel- graph instaln on seaplanes, dirigibles and on land; ask if satisf to furn. To GE-would refer info be not divulged 6/28 (marked confidential)
497856	6-9	To S&A	Request shipment be made from A. F. Phila to San Diego, radio trans sets. W RB 2-1-21
498500	6-12	To CO Anacostia	Encls copy of report of tests of Deslauries Column Gould Co. constant speed ran made at McCook Field. Request recs. Anacostia- Report of test. 5/15 W.
498502	6-14	To Comdt Philadelphia	Change in location of mounting for radio generator on Loening type monoplanes. W
499621	6/14	Rockaway	Request disposition of damaged radio apprs. W To- request list 6-17 Rockaway 6/22 W Fd Rockaway Beach 6-29 RB 7/2 W Fd C&A 10/2 RB 10/11 W Fd C&A 10/12/20 RB 11-2 W Fd C 11-27

Number.	Date.	From or To	Subject.
500127	6/16	Aircraft F. cty.	Request telephone set with stg batteries be furn for use at Aircraft F. cty. W.
500103	6-18	To Comdt Phila	Ship's airplanes radio equipment to be installed in- Request install as previous install with further advice is recd from Comdt Phila re substitut on of type CC 2-98 receiver. 8/30/20
500104	6-18	To Comdt Phila	Authorization for modificat. of micro line trans for use with inter-communicat. heads on aircraft. Allotment of \$20.00 made W
500608	6/14	Pacif. Air Detachment	Request aircraft material listed be furn. W Pacif. Air Detachment 7/1
500114	6-21	To S.E. (T)	Request install 40 additional sets one three four five wire sets your item 16- W
500727	5/15	Pacif. Air Detachment	Request 8 transmitters be furn as soon as possible. W.
498486	6-21	To Operations	Swinging slip for deviations of radio compass on aircraft heavier and lighter than air. Request suggestions as given be inc in standard set of of swinging slip for deviations of magnetic compass on heavier aircraft. 6-28
200	4/6	To CO Hamp Res via C&R; Inetl Authd 4/6 To CO Anacostia C&R Fwds prints of CO Hamp Res 4/16 Anacostia 4/22-Fwds reports with prints. To CO Hamp Rds via C&R; Inetl To CO Hamp Rds via Norf 6/14	Request sentence be reported 6-28 To Hamp Rds- asks for install 5/12/1921 Ham. Rds. 3/25 W. Ham. Rds 4/29 on airship C-3 6/10 W

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.	
494182		FROM CARD 170	Deslauniers Column Mould Co.— Rqst copies of reports on test of constant speed fans for driving radio generator (from 882-3). 5/10 W.	
496641	6-1	To Insp'r E.M. Akron	Advises no radio telegraph equipments utilizing storage batteries as source of power have been used for aviation purposes. Lists manufacturers who might quote on such equipments. W Akron 6/10 To Insp'r Akron. fws 6-17	
497259	6/1	PacF. Air Detachment Copy	Request authority to draw radio telephone set from stock at Pearl Harbor.	W.
497031	6-2	To Atlantic Fleet (T) (SHAMUT)	Arrival of seaplan Annapolis Harbor June 3rd with new radio compass equipment for seaplanes Atlantic Fleet Rqst boat available to handle equipment upon arrival W	
497324	6-1	Anacostia	Fws log of Fleet of various airplanes to Annapolis May 29th with report on radio tests DA W	736

Number.	Date.	From or To—	Subject.
497365	6-4	To CO's and Comdrs Flts	Installation instructions for radio airc compass coils on H-16-A F-5-L and NC flying boats. Rds. W Atlantic Air Detachment 6/8 W.
497367	6-4	To C mdt 4th Dist A.F.	Rds installation instructions for airc radio compass coils on H-16 A F-5-L and NC flying boats. W
497375	6-4	To SEA	Request shipment of radio material from Washn to A.F. Phila W BB 6/15 W.
497366	6-4	To CO ANACOSTIA	Rds copy of test data obtained at McCook Field by War Dept of Deslauriers self-regulating air fans. W
497893	6/5	Pac. Air Detachment (T)	Request immediate shipment of 20 aircraft radio sets: also spare parts for. Rd SEA 6/16 Pac. Air Detch- Ask location of material (T) 9/23 W
497848	6-8	To SEA	Request shipment from Washn to CO SHAWMUT radio apparatus W BB 9/22 W
497851	6-8	To Insp'r G.E.	Advise if can furnish ships' airplane telephone sets for use with Atlantic Fleet Air Detachment Insp'r GE 6/18 W

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.	
493084	4/30 5/10	Atlantic Fleet	Report on recommendations regarding radio installations in ship airplanes. Fwd U.S. via SAA 5/17	W.
		Adm Nav 6-19 Recd Back. in conn with issuing flight orders to Lt. B. Coxhead. 5/25 W X 832- Adm Lt Coxhead via 12-6-28	To Atlantic Fleet. Fwds copy of comments 5/20 Aircraft Secty—was request of Lt. E. B. Crosshead for flight orders in conn with testing radio appr. 5/16 X 832-41	
493547	5/10	Nav. Intelligence	Fwds article on "Radio Aircraft on NC Seaplanes" by Cmdr. Robt. A. Lavender. To Nav Intelligence—returns—no objection to publication 5/14	W.
493234	5-14	To SEA	Reqst shipment from Anacostia to G.E. Co trans set. W	
493790	5-18	To Fleets Comdt 4th Dist	Heavier insulation on ships airplanes where spark radio trans are installed.	W
494571	None	None	History of development of aircraft radio transmitters and receivers.	W.
494182	5-20	To Des Lauries Column Mould Co. Mr. Pentecost	(T) Test will be held Friday airc gen dynamotor. W	
TO CARD		Request obtain full re-ord Des Lauries Column Mould Co.—adm inform rel to test. 5/20	To Anacostia. Fwds copy letter 5-22	
171	Des Lauries air 1920	Co. Subm quotation on 5/27	Reqst shipment from Washington to A.R. Ph radio airc compass coils and amplifiers. RS 5/15 W.	W
494619	5/20	To SEA		

Number.	Date.	From or To	Subject.	
494862	5/19	Anacostia	Instln of type SE 13,0 transmitting equipt on H-16 flying boat. - fwsd photos.	W.
494914	5/21	To CO Anacostia	Assignment of Scott Clarophone problem 73 class B. W.	903
495494	5/21	Anacostia	Elimination of ignition disturbances on radio compass- fwsd photos of ahrs with comments on. W	919
496011	5/18	Western Elec. Co.	Naval Aircraft Eng. p-reqd copy of article on To Western Elec- may obtain from inst of Radio Engrs R.S. 5-27	.W
496269	5/16	CLR	Fwsd report on airplane short wave radio telephone set.	W.
496462	5/21	Anacostia	Simultaneous deviation corrections of radio and magnetic compasses on aircraft - sub report covering with curves.	W.
46681	5/25	Anacostia	Subm report of flights with H-16 flying boat with DesLuriers fan, installed. Wc	629

IRLINES RADIO

1920

Number.	Date.	From or To--	Subject.
490430	4/26	Anacostia	Subm report on effect of moisture and dust on amplifier. W.
490621	4/12 4/15	Coco Solo 15th Dist	Recommends C-9 dirigible use a trailing antenna and direction find cord instead of internal antenna. W.
489167	4-26	To S&A	Reqt shipment from G.E. to Anacostia generator with propeller. W
491118	5/1	Aircraft Factory	U.S. Aerial Express Co. request authority to purchase radio apparatus for R-5 sea plane: ask if will authorize sale. W Fwd S&A 5/5
490764	5-3	To S&A	Reqt shipment from Carlstrom Field Arcadia Florida to Aircraft Factory Phila all aircraft radio material. W RB 9/25 S&A 6/21 W. Fwd S&A 6-24
490767	5-3	To S&A	Reqt shipment from Cape May to Aircraft Factory Phila receivers W RB 5/14 W.
491771	5-4	To Aircraft Factory Phila via Comdt S&A or action to Aircraft Factory. 5/20	Considers desirable to have radio equipment installed on all aircraft requiring such installation before daylight test flight. W

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.	
491455	5/1	Annapolis	Radio test between Submarine, aircraft, and shore stations- report covering covering.	W
491398	5/3	CLR	Aircraft radio compass coil for D-6 air ship- twis prints. Supt Contr. Aircraft Akron- 5/5 Akron; request additional plans: 9-15: W To Aspr Akron 9/2	W
✓ 492064	5-7	To R.M.Kinney Penssa (T)	Auth granted for return to Washington Tuesday will advise if any change in procedure W To ditto Chasn (T) 5/7	
491977	5/4	Anacostia	Subm tabulation and report in conn with variation in direction of signals, recd from air craft. Anacostia-Data taken during trials. 5/24 Anacostia Comments on. 7/19 W	W W.
492068	5-8	To BAA	Reqt shipment from Washington to A.F. Phila radio appr for install on loaning monoplanes W RB 5/16 W	
492073	5-10	To SAA	Reqt shipment from Washn to Phila Airc Factory switches. W RB 6/11 W.	
492891	5-12	To N.London	Rel shipment of dynamotors made to N.L. for use in radio experiments on submarines- Reqt emit Mr. Johnson carry as personal baggage Supt order from A.F. to N.L. dynamotors 5/12 Aircraft Factory- 5/15. DA	W

AEROPLANES

RADIO

1922

Number.	Date.	From or To—	Subject.
318197	FROM	JAR 168 - E	Phila. 10/5 W. Phila. 10/6 W. San Diego. 10/3 W. Dahlgren 10/3 W. 8th Dist. 10/10 W. Phila. 10/11 W. Anacostia 10/15 W. Aircraft Factory- 10/15 W Marine San Diego- ? W Phila. 11/3 W 5th Dist 10/26 W 5th Dist 11/6 W Dahlgren 11/6 W Phila 11/9 W Phila 11/15 W Anacostia 11/15 W 11/15 W To Pensacola 11/11 RB 11/24 W San Diego 11/13 W CO LANGLEY- 11/8 W Phila 11/29 W San Diego Air Station 1 1/2 Rqsts shipment terms W To San Diego (T) Ask quantity batteries on hand and need and fifth addnl W 12/1 DAHLGREN 12/4 W Guam 12/1 W S&A 12/8 W To S&A via Aero.- rel shipment cc was n 12/9 Phila 12/14 W Sandomingo 12/2 W Aviation- copy action to S&A. 12/19 W Anacostia- 12/15 W Phila 12/21 W S&A 12/21 Rel to Diversion of delivery of 150 batteries on contract with Burgess Battery Co. X 882-1 M.I. 12/22 W

Number.	Date.	From or To—	Subject.
318197		fwdded from card 168 D	Norf 11/18 W
	Guam 2/6 W		Pearl Harbor 11/1- W.
	Phil. 1/23 W		Phil. 1/23 W
	To Marine Corps Guam-2:25-W		Phil. 12/5 W
	Phil. 2/27 W		Dahlgren-12/1 W
	Phil. 2/27 W		Hamp Rds. 12/2 W.
	Phil. 3/1 W		Phil. report from Air Fty-12:8-W
	To SAA Regt shipment of tubes from		8th Dist- 12/12 W
	San Diego to SAA Regt Snd 817 3/4		Aircraft Secty 12/13- weekly report- 12/13 W
OVER	To SAA Regt shipment of tubes		Guam. 10/31 W.
	from San Diego to SAA MI 9817 3/4		Guam. 11/7 W
	5th Dist. 1/9 W.		Anacostia- 12/15 W.
	Phil. 3/18 W.		Guam. 10/31 W
	Phil. 1/18 W.		Pearl Harbor- 12/1 W.
TO CARD	8th Dist. 3/10 W.		Phil. 1/28 W
	Anacostia 2/15 W.		Phil. 1/3 W
	Aviation 3/16 W.		Guam. 10/31 W
168 - F	Phil. 2/27 W.		Dahlgren 1/3 W
	15th Dist. 3/13 W.		a. us. 1/5 W
	Phil. 3/2 W.		8th Dist. Report from Pensacola. 1/6 W
	Phil. Air Snd. 3/24 W.		Phil. 1/9 W.
	Phil. 1/1 W.		To SAA Regt shipment of tubes from Dahlgren
	Phil. 1/1 W.		To CO Ham Rds 1489 1/12/22 RB 3/16/22 W
	Phil. 1/1 W.		Phil. 1/17 W
	Phil. 1/1 W.		Anacostia 1/16 W
	Phil. 1/1 W.		Pearl Harbor 1/3 W
	Phil. 1/1 W.		To CO Sumay, Guam- Spares to be provided 1/28 W
	Phil. 1/1 W.		cc Comdt Washa.
	Phil. 1/1 W.		Phil. 1/26 W.
	Phil. 1/1 W.		Pearl Harbor- 1/16 W
	Phil. 1/1 W.		Dahlgren 1/31 W
	Phil. 1/1 W.		Phil. 2/2 W.
	Phil. 1/1 W.		Guam 12/19 W
	Phil. 1/1 W.		5th Dist. 2/8 W
	Phil. 1/1 W.		Langley Field 2/3 W
	Phil. 1/1 W.		Mar Isl. 2/7 W
	Phil. 1/1 W.		8th Dist. 2/10 W
	Phil. 1/1 W.		11th Dist. 2/10 W
	Phil. 1/1 W.		Anacostia 2/13 W
	Phil. 1/1 W.		Phil. 2/17 W
	Phil. 1/1 W.		MI 2/13 W
	Phil. 1/1 W.		To SAA Regt San Diego- Shipping manifests issued
	Phil. 1/1 W.		2/13 W
	Phil. 1/1 W.		To SAA Regt void

1922

Number.	Date.	From or To—	Subject.
318197	FROM OVER		Santo Domingo- 4/29 W.
	Atlantic Scouting Fleet 8/15		Pac. Fleet 5/9 W.
	Observation plane report 8/11 W		Anacostia- 5/15 W.
	Atl. Fleet report from Torpedo		MI 5/11 W
	and Bombing Sqd. 2- 8/11 W		Phila- 5/23 W.
	To CO Hamp Rds- submits reports 8/16		Phila 5/26 W.
	Phila. 8/16 W		Phila. 6/3/22 W.
	To Pensacola re Phila 8/17		Dahlgren 6/8 W.
	Hamp Rds. 8/19 W		Phila 6/9 W
	Aircraft Factory- 8/21 W		MI 6/7 W
	Phila. 8/23 W		CO LANGLEY 6/5 W
	Santo Domingo 7/31 W		8th Dist 6/14 W
	Phila. 9/1 W		Phila 6/9 W
	Pensacola- fws photos & report.		Aviation 6/21 W
	8/29 W.		Phila 6/21 W
	Anacostia 9/1 W		Hamp Rds 6/22 W/21 W
	Atl. Air Sqd 9/5 W		Aircraft Factory- 6/21 W
	Quantico 9/5 W		Pan. Domin. 5/31 W
	Fws Anacostia 9/7 W RE 9/21		San Domingo 4/30 W
	To Mgr Phila via Anacostia- Quotes		Phila. 6/30 W
	rel to operation of 9/7 W		Dahlgren 7/7 W
	Dahlgren 9/5 W		Phila- 7/11 W
	Pensacola 9/1 W		Hamp Rds. 7/3 W
	8th Dist. 9/8 W		Pensacola 6/3 W.
	Phila 9/8 W		Phila. 7/13 W
	San Diego 9/9 W		CO LANGLEY 6/30 W
	8th Dist. 9/12 W		Atl. Air Sqd. 7/10 W
	Phila. 9/14 W		Anacostia 7/14 W
	Phila- 9/15 W		Phila. 7/21 W
	Scouting Sqd. 9/15 W		To Pensacola via Reqs Report 7/21
	15th Dist. 9/11 W.		Pac. Fleet- 7/17 W
	Pac Fleet 9/13 W. (2 reports)		Santo Domingo- 6/13 W
	Anacostia 9/15 W		San Diego- 7/12 W
	Santo Domingo- 8/31 W.		CL LANGLEY 8/1 W
	Phila. 9/27 W		5th Dist. 8/4 W
			Insp. Phila. Report from aircraft factory 8/4 W
			Dahlgren 8/2 W
			11th Dist. 8/4 W
			Phila 8/10 W
			To CO Reqs- Reqs reports 8/10
			to CO - Reqs Report 8/11
			8th Dist- 8/8 W
			Anacostia- 8/14 W

[OVER.]

AIRPLANES RADIO

1921

Number.	Date.	From or To—	Subject.
318197	FROM CARD 168 - C		
	To Norf 5-26		Ham. Rds. 4/13 W.
	Phil. 5/27 W.		Anacostia 4/18 W.
	To Pensacola via 8th Dist 6-1		To CO San Diego Comments on material
	Quantico 6/2 W.		report 4/19.
	Quantico 6/3 W.		Rockaway 4/18 W.
	To CO Quantico 6-6		To MI Haves Instrns cc CO San Diego 4/19
	Phil. 6/6 W.		Coco Solo 4/11 W.
	Anacostia 6/6 W.		To 3 Dist Regt report be submitted as
	8th Dist 6/7 W.		listed 4/21 cc 3-4-8-11-14-15 Dist 4/21
	To Airo. Fcty 6-8		To CO Rockaway Teach Hump Rds. Pensacola
	Quantico 6/7 W.		Material 4/21
	San Diego 6/5 W.		8th Dist 4/22 W.
	15th Dist 6/4 W.		Ham. Rds. 4/21 W.
	Phila. 6/15 W.		Anacostia 4/25 W.
	Navigation 6/14 W.		Sandile 4/22 W.
	Quantico 6/14 W.		Quantico 4/20 W.
	Norf 6/15 W.		Anacostia 5/2 W.
	Anacostia 6/15 W.		Coco Solo 4/18 W.
	Phil. 5/18 W.		Phila. 5/3 W.
	To San Diego 6/20 W.		8th Dist 5/2 W.
	Pearl Harbor 6/13 W.		Rockaway 5/3 W.
	Quantico 6/23 W.		All Air Force 4/26 W.
	Phila. 6/27 W.		Coco Solo 4/26 W.
	Phila. 6/29 W.		Phila. 5/6 W.
	Quantico 6/28 W.		Ham. Rds. 5/4 W.
	Pensacola 6/30 W.		8th Dist 5/5 W.
	Vx6 6/27 W.		Shipt order from Phila to CO SHAMUT 5/11 7348 RE 5/4
	Phil. 7/11 W.		Shipt order from Phila to CO SHAMUT 5/11 7347 RE 6/3 W
	Quantico 7/12 W.		Quantico 5/10
			To Anacostia 5-12 report appr from Pensa. WB 5/24 W
			To Quantico 5-13
			Coco Solo 5/2 W.
			Phila. 5/16 W.
			Anacostia 5/16 W.
			To All Fleet SHAMUT- 5-17 copy Airo Fcty
			Anacostia 5/18 W.
			San Diego 5/6 W.
			Norf 5/18 W.
			Anacostia 5/15
			Phila. Pwis instln schedule. 5/19 W
			Bureau Stand Labr. 5/16 W.
			Hammond Labr. 5/16 W.
			Quantico 5/23 W.
			Anacostia 5/23 W.

AIRPLANES RADIO

1-1

Number.	Date.	From or To-	Subject.
318197	FROM ER		
	Ham. Rds. 10/3 W.		8th Dist. 8/5 W.
	Phila. 10/10 W.		Phila. 8/8 W.
	Coco Solo 10/5 W.		Anacostia 8/8 W.
	Barre Isl. 10/10 W.		Phila. 8/9 W.
	Phila. 10/17 W.		Quantico 8/9 W.
	Quantico 10/14 W.		3d Dist. 8/11 W.
	Pearl Harbor 10/1 W. (2)		Sacr. Seat 8/8 W.
	Anacostia 10/17 W.		8th Dist. 8/11 W.
	Quantico 10/17 W.		4th Dist. 8/11 W.
	To Hamp Rds. Gives instrns rel		4th Dist. 8/11 W.
	material 10/19		Coco Solo Subm report with photos. 8/1 W
	Barre 10/12 W.		Anacostia 8/15 W.
	Coco Solo 10/5 W		Quantico 8/13 W.
	14th Dist. 10/11 W		Norfolk 8/16 W.
	Aviation 10/25. Advis report from		Phila. 8/17 W.
	Indian Head. W.		Placed order from Hamp Rds to Airct Fcty
	Quantico 10/24 W		radio 8/18 8553 AB 10/5 W
	Phila. 10/24 W		MI- 8/16 W.
	To Insp Indian Head. Gives		Pearl Harbor 8/1 W.
	instrns 10/29		Anacostia 8/22 W.
	Quantico 10/31 W		Aircraft Fcty 8/18 W.
	Phila. 11/1 W		Quantico 8/22 W.
	Guam 8/12 W		Rockaway Beach 8/26 W
	Guam 8/16 W		Aircraft Fcty 8/6 W
	Guam 8/22 W		Aircraft Fcty 8/29 W
	Guam 8/31 W		Anacostia 9/1 W
	Ham. Rds. 11/3 W		Quantico 9/6 W.
	Phila. 11/8 W		Anacostia 9/6 W.
	Quantico 11/8 W		Pensacola 9/8 W.
	8th Dist. 11/7 W		To Anacostia Report be submitted 9/12
	MI 11/3 W		Quantico 9/12 W
	To CO Hamp Rds via Aeronautics-		Coco Solo 9/1 W. W.
	Com. t 5 Dist Gives instrns 11/1		Aircraft Fcty 9/13 W.
	To CO P H via Aeronautics- 14 Dist		Anacostia 9/14 W.
	Gives instrns 11/12		Ham. Rds. 9/1 W.
	Guam. 11/3 W		MI- 9/13 W.
	INDIAN Head 11/1 W		Quantico 9/15 W
	Guam 9/12 W		Anacostia 9/19 W
	Phila. 11/14 W		Phila 9/19 W
	Anacostia 11/15 W		Phila 9/23 W.
	Phila. 11/18 W		Pearl Harbor 9/9 W.
	To Insp Indian head via Aeronautics		Quantico 9/26 W.
	Gives instrns rel correspondence		Phila 10/4 W
			11/19

AIRPLANES

Number.	Date.	From or To—	Subject.
31819W	FROM OVER		
	Coco Solo- 3/7	W.	8th Dist- 2/14 W
	Ham. Rds. 3/18	W.	Anacostia- 2/15 W.W.
	Ham. Rds. 3/15	W	Rockaway 2/14
	Phila. 3/19	W.	Phila. 2/17 W
	San Diego 3/5	W.	To Rockaway 2-19
	New Orleans 3/18	W.	Ham. Rds. 2/15 W.
	To Hamp Rds 3/21		Phila. 2/18 W.
	Coco Solo 3/14	W.	Coco Solo 2/7 W.
	Anacostia- 3/21	W.	Coco Solo 1/31 W.
	Rockaway 3/21	W.	8th Dist- 2/18 W
TO CARD	Ham. Rds. 3/22	W.	Anacostia- 2/21 W.
	Ham. Rds. 3/22	W.	Quantico. 2/21 W.
168- D	8th Dist- 3/24	W.	San Diego 2/18 W.
	Atl. Air Force- 3/21	W	Rockaway 2/19 W.
	Quantico 3/28	W.	Ham. Rds. 2/23 W.
	Anacostia 3/28	W.	Rockaway 2/24 W.
	Phila. 3/28	W.	To Rockaway 3-1
	Rockaway 3/29	W.	Ham. Rds. 2/23 W.
	Coco Solo- 3/21	W.	Pac. Air Detch. 2/19 W.
	Ham. Rds. 3/25	W.	Phila. 2/21 W.
	Pensacola 3/28	W.	Quantico 2/28 W.
	Phila. 4/1	W.	Coco Solo 2/15 W.
	Ham. Rds. 3/28	W.	Anacostia 2/28 W.
	San Diego 3/25	W.	8th Dist- 2/28 W.
	Ham. Rds. 3/28	W.	To Comd Pensacola 3-5
	Anacostia 4/4	W	Rockaway 2/28 W
	Rockaway 4/4	W.	San Diego 2/25 W
	?? Weekly report.	4/2 W.	Ham. Rds. 3/25 W.
	Ham. Rds. 4/4	W.	8th Dist- 3/3 W.
	Pensacola 4/4	W.	Ham. Rds. 3/1 W.
	Ham Rds 4-4	W	Coco Solo 2/21 W
	To Pensacola 4/9		Phila. 3/9 W
	Coco Solo 4/4	W	Rockaway 3/1 W.
	Coco Solo 3/28	W	Rockaway 3/1 W.
	Phila. 4/12	W	Pensacola 3/5 W.W.
	Aircrit Fcty- 4/12	W-Cancelled.	Coco Solo 2/26 W.
	Rockaway 4/12	W.	Phila. 3/11 W.
	San Diego 4/5	W.	San Diego 3/5 W.
	Pensacola 4/12	W.	Ham Rds- 3/7 W
	Anacostia 4/15	W	8th Dist- 3/12 W
	New rln 4/14	W	Anacostia 3/14 W.
			Anacostia- 3/14 W.
			Rockaway 3/14 W.
			Ham. Rds. 3/7 W.
			Quantico 3/14 W

AIRPLANES

1920

Number.	Date.	From or To—	Subject.
318197	FROM CARD 168-A		Atlantic Air Detachment. 8/16 W
	Anacostia 9/20 W		San Diego 8/13 W
	Rockaway Beach 9/20 W.		Anacostia 8/16 W
	Coco Solo 9/9 W		Phila. 8/18 W
	Aircraft Factory 9/18 W.		San Diego 8/14 W.
	Shawmutt 9/22 W		Ham. Rds. 8/16 W.
	To Rockaway comments 9/24		Atlantic Air Detachment. 8/16 W
	4th Anacostia 9/24 RB 9/29 W		Pensacola 8/16 W
	To Atl Fleet 9-25		Coco Solo 8/15 W.
	San Diego 9/21 W.		San Diego 8/19 W.
	4th Dist. 9-25: W		Anacostia 8/23 W.
	San Diego: 9-22: W		Rockaway Beach 8/23 W.
	Ham. Rds. 9/24 W		Phila. 8/25 W.
	Rockaway 9/24 W.		To San Diego, disposition 8/27
	Anacostia 9/24 W		Coco Solo 8/17 W.
	Ham. Rds. 9/24 W.		SHAWMUTT 8/27 W.
	To Ham. Rds 10/1		Pensacola 8/23 W.
	To 4th Dist 9/30 RB 10/7 W.		4th Dist. 8/24 W.
	4th Com 9/30		Phila. 8/31 W.
	Aircraft Factory 9/25 W.		Rockaway 8/30 W
	4th Dist. 10/1 W.		San Diego 8/31 W.
	Anacostia 10/4 W.		Aircraft Factory 8/28 W
	Rockaway Weekly report with photos		San Diego 8/2 W
	Atlantic Air Force- 10/3 W.		Coco Solo 8/25 W.
	10/2 San Diego 10/2 W.		Ham. Rds. 8/30 W.
	Phila. 10/7 W.		Anacostia 9/7 W.
	To Anacostia 10/12 RB 10/15 W.		Rockaway 9/7 W.
	Ham. Rds. 10/5 W.		Anacostia 9/7 W.
	Coco Solo 9/15 W.		Anacostia 9/7 W.
	To Rockaway 10/14 W.		Pensacola 8/30 W.
	San Diego 10/7 W.		Shawmutt 9/10 W.
	Anacostia 10/11 W.		Coco Solo- 8/30 W.
	Atlantic Air Force 10/9 W.		Anacostia 8/30 W.
	Rockaway 10/9 W.		San Diego: 9-9: W
	Atlantic Air Force 10/7 W.		Anacostia: 9-13: W
	Pacif. Air Force- 10/18 W.		Anacostia: 9-14: W
	Ham. Rds. 10/13 W.		Phila. 9/10 W.
	Rockaway 10/18 W.		Pensacola 9/13 W.
	San Diego 10/16 W		SHAWMUTT: 9-16: W
	4th Dist. 10/19 W.		To Ham. Rds. 9/21
			Ham. Rds. 9/14 W.

Number.	Date.	From or To—	Subject.
318197	FROM OVER		
8th Dist.	11/12 W.		Quantico - 10/18 W.
Pensacola	11/12 W.		Ham. Rds. - 10/18 W.
Anacostia	11/15 W.		instn on C-3. 10/13 W.
Anacostia	Monthly report. 1/15		Ham. Rds. 10/21 W.
Rockaway	11/15 W.		Pacif. Fleet Air Det. 10/18 W.
San Diego	11/13 W.		Hampton Roads: 10-21; W
Quantico	11/16 W.		Field Air Corp 10-17; RB 10-30; W
Phila.	11/19 W.		Anacostia: 10-25; W
Anacostia	11/22 W.		Rockaway: 10-25; W
Ham. Rds.	11/23 W.		Pacific Air Det. submits report on radio equipment quarter ending Sept 20; 10-5; W
Quantico	11/22 W.		Coco Solo: 10-15; W
Ham. Rds.	11/18 W.		8th Dist: 10-25; W
Atl Air Force	11/22 W.		Phila: 10-28; W
Ham. Rds.	11/23 W.		San Diego: 10-25; W
Coco Solo	11/16 W.		To Pensacola 11-2
8th Dist.	11/24 W.		Pacific Air Force: 10-25; W
Quantico	11/29 W.		Anacostia: 11-1; W
Rockway	11/27 W.		Rockaway: 10-30; W
Ham. Rds.	11/23 W.		Hampton Roads: 10-27; W
Aircraft Party	11/30 DA		Pacific Fleet 11/2 H. 11/19 W.
Rockway	11/30 W.		Ham. Rds. 10/27 W.
8th Dist.	11/30 W.		Anacostia 10/14 W.
San Diego	11/26 W.		Rockaway: submits report with drawings: 10-29; W
Ham. Rds.	12/1 W.		Coco Solo: Weekly report. 10/21 W.
Ham. Rds.	12/1 W.		8th Dist. 11/1
Atlantic Air Force	12/3 W.		To Co. Rockaway 11/5
Anacostia	12/6 W.		Insp. Phila. 11/5 W.
Phila.	12/6 W.		Ham. Rds. 11/1 W.
Quantico	12/6 W.		San Diego 10/30 W.
8th Dist.	12/6 W.		Ham. Rds. 11/1 W.
Rockaway	12/4 W.		To Rockaway 11-9
Coco Solo	11/22 W.		Pacif. Air Force. 11/1 W.
Atlantic Air Force	12/9 W.		Atlantic Air Force 11/3 W.
8th Dist.	12/9 W.		San Diego- 11/4 W.
Phila.	12/11 W.		Rockaway 11/6 W.
San Diego	12/26 W.		Anacostia 11/8 W.
Anacostia	12/13 W.		8th Dist. 11/8 W.
Ham. Rds.	12/10 W.		Phila. 11/10 W.
8th Dist.	12/13 W.		Pacif. Air Det 11/1
Anacostia	1/11 W.		Ham. Rds. 11/10 W.
			Litchell Field 1/13 W.

INDEXES R.DIC

Number.	Date.	From or To—	Subject.
318197	FROM C. RD 162		Atlantic Air Detachment, 4/5 W.
	San Diego 5/4 W.		Coco Solo 4/5
	Ham. Rds. 5/6 W.		Christrom Field 4/13 W.
✓ To CO'S Hts rel reports 5/12			San Diego 4/12 W.
TO CARD	Phila 5/13 W.		Str Dist. 4/15 W.
	Rockaway 5/13 W.		Atlantic Air Detachment 4/12 W.
	8th Dist 5/12 W.		San Diego 4/14 W.
168 - B	Coco Solo 5/3 W.		Ham. Rds. 4/13 W.
	San Diego 5/4 W.		Anacostia 4/19 W.
	San Diego 5/12 W.		Rockaway 4/19 W.
	Anacostia 5/17 W.		To H.Rds. - trans disposition of one trans 4-21
	Rockaway 5/17 W.		San Diego 4/19 W.
	Ham. Rds. 5/14 W.		Coco Solo 4/19 W.
	Atlantic Air Detachment 5/17 W		Atlantic Air Detachment 5/19 W.
	Coco Solo 5/10 W.		Christrom Field 4/21 W.
	Phila. 5/20 W.		San Diego 4/21 W.
	8th Dist. 5/20 W.		San Diego Air Sta. 4/20 W.
	Rockaway 5/21 W.		To Rock - rec'd trans on Dirigible
	San Diego 5/21 W.		C-4 and trans 1104 trans installed 4/24
	Atlantic Air Detachment 5/24 W		8th Dist. Report on Anacostia 4/25 W.
	Ham. Rds. 5/25 W.		To Coco Solo - concurs in action in letter
	Anacostia 5/24 W.		or 4/22 4/26
	8th Dist. Report from Pensacola 5/28 W		Anacostia 4/26 W.
	To San Diego 5/28 W		Rockaway 4/26 W.
	To Hampton Rds. 5-28		Phila. Weekly report from Aircraft Factory 4/28 W
	Coco Solo 5/28 (2 letters) W		Atl Air Detachment - 4/26 - W
	San Diego 5/28 W		Hampton Roads - 4/29 W
	Phila 6/1 W		Christrom Field - 4/27 W
	Anacostia 6/1 W		Coco Solo 4/19 W
	Ham. Rds. 6/1 W		San Diego - Request authority to install radio
	8th Dist. 6/4 W		trans. later in dirigible C-6 X 706 - 3.4/27 W
	Rockaway 6/5 W.		To San Diego - rel install on C-6 5/4
	San Diego 6/8 W.		Rockaway 5/3 W
	Anacostia 6/8 W.		San Diego 5/3 W
	Phila 6/8 W.		To Coco Solo - last inform. rel disposition of
	Atlantic Air Detachment 6/1 - weekly report. W.		To Rockaway - last inform. rel disposition of
	San Diego 6/5 W.		To Rockaway - last inform. rel disposition of
	Pensacola 6/7 W.		To San Diego - last inform. rel disposition
	Atlantic Air Detachment 6/9 W.		of trans. letters. call atten to discrepancies
	Phila. 6/11 W.		in Phila. report 5/6
	To San Diego (1) install on dirigible 5-12		Phila - 5/7 - W
	not rec. 5-12		Coco Solo - 4/26 - W
	Shipt order 6/8 rb 10/19 W		San Diego 5/10 W
			Anacostia 5/10 W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
318197			
	Ham. Hds. 7/2	W	To Atlantic Fleet. Reconst info concerning type e
	Ham. Hds. 7/7	W	of trans installed on seaplanes type F 5 I now
	Ham. Hds. 7/7	W	coexisting with Fleet C-12
	Anacostia 7/12	W.	8th Dist- Report from Pensacola- 6/10 W.
	Rockaway 7/10	W	Ham. Hds. 6/10 W
	San Diego 7/11	W	Coco Solo 6/26 W
	Pensacola 7/12	W	Anacostia 6/10 W.
	San Diego 7/6	W	San Diego (T)- Removal of aircraft radio
	Anacostia 7/13	W	transmitters from C-6 and CB-18 completed. 6/14 W
	1st Detachment 7/13	W	A 736 7/3
	Ham. Hds. 7/13	W	Anacostia 6/14 W.
	Anacostia 7/19	W.	Rockaway 6/11 W
	Rockaway 7/16	W	1st Com 6-16 W RB 6/19 W
	San Diego 7/15	W.	San Diego (T) Spark transmitters removed. 6/15 W
	Coco Solo 7/12	W	San Diego- Request disposition of sets. 6/11 W
	8th Dist. 7/19	W	Atlantic Air Detachment 6/14 W
	Ham. Hds. 7/21	W	Coco Solo 6/7 W
	8th Dist 7/22	W	Coco Solo 6/3 W
	Ham. Hds. 7/21	W	San Diego 6/14 W
	To Atlantic Fleet 7/21	W	Shift order from San Diego to Phila AF radio 6-18
	Hampton Roads 7-21: W		Phil. Air Detachment 6/12 W.
	Anacostia 7/22	W	Rockaway 6/18 W
	Rockaway 7/21	W	Ham. Hds. 6/15 W.
	Ham. Hds. 7/22	W	8th Dist 6/18 W.
	Coco Solo 7/22	W.	1st Det via Coco Solo 6-22
	San Diego 7/29	W.	Anacostia 6/21 W.
	8th Dist 8/2	W	San Diego 6/19 W.
	Rockaway 8/4	W.	Phila. 6/25
	Ham. Hds. 8/4	W.	Atlantic Air Detachment 6/24 W.
	Phila. 8/9	W.	Atlantic Air Detachment 6/22 W.
	Anacostia 8/9	W.	Ham. Hds. 6/23 W
	Rockaway 8/9	W.	Rockaway 6/25 W
	San Diego 8/5	W.	Coco Solo 6/16 W
	8th Dist 8/10	W.	Anacostia 6/28 W
	Ham. Hds. 8/10	W.	San Diego 6/24 W
	Anacostia 8/12	W	Coco Solo 6/23 W
	Coco Solo 7/29	W.	8th Dist 6/28 W
	8th Dist 8/12	W	Atlantic Fleet 7/6 W.
	Rockaway 8/16	W	Rockaway 7/3 W.
	SHAWMUT 9-16: W		Ham. Hds. 7/2 W.
			Anacostia 7/6 W.
			8th Dist 7/6 W.
			Coco Solo 6/26 W

AIR LINES RADIO

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Number.	Date.	From or To—	Subject.	
487491	4/14	Coco Cole (T)	Request immediate shipment of 6 radio direction finder frames for F-5 flying boats. To Coco Co. - production will begin about May 1st. 4-16	W.
487155	4/14	To Comdt Phila	Seaplane MC-2 installed on radio on - reqst be re-installed at aircraft factory upon completion of repairs to.	W.
486663	4/20	Aircraft Factory	Fwds naval Aircraft notes. To Comdt Ph. acknow 4/23	W.
488750	4/20	Navigation	Request 3 obsolete aircraft receiving and sending sets be added to recruiting bases.	W
TO CARD 193	4/28	S.O. from Wash to Minneapolis S.O. from Air Ph to Providence Recruiting Sta- Providence-Reports on shift of later 1 be as complete as possible 4/22 W Used motor if airplane set. 8/24 W To Providence 9/30	Recruiting Station, Providence - Request To Providence, rel. 4/27 Shift order from Wash to Providence 4/28 Shift order from Phila to Minneapolis 4/28 vacuum tubes- type CG-516 shifts of- reqst investigation of, and new change of material sheets to fwd to correct balance of tubes on hand Air Factory. W Insp Phila - 5/5 - W.	RB 5/20 W
487612	4-20	To Comdt Phila		
489193	4/22	Ordn.	Copy of endorsement to CLE stating change in location of aircraft radio equip on H-16 and F-5 boats satisf.	W.
488308	4/19	Anacostia	Confirms telephone conversation resting authority for H S 16 seaplane 4075 to fly to Phila with GE Co engineer as passenger for installation of instruments to be used in connection with torpedo control- W&DA	736
47361	4/21	Anacostia	Submit data on test of aircraft radio transmitter submitted by American R&R Corp SW	629

Number.	Date.	From or To—	Subject.	
489542	4/23	W. J. Bishop	Subj report of conference for ascertaining cooperation possible, between shore, ship stations and aircraft	W
489756	4/21 4/24	Aircraft Factory Phila	Request instructions re: radio equipmt for testing monoplanes to be assigned to Atlantic Fleet. To Phila- re: installn 4/27 Phila- Request 19 and 14 inch pr. rollers be tested for variation speed. 6/3	W
489758	4/21 4/23	Aircraft Factory Phila	Recommends radio apparatus now on F-5 planes, Atlantic Fleet, be dismantled and assigned to shore. To Phila concurs in recs 4/27	W
489541	4-22	To SEA	Request shipment from CMA them to Phila Airc Pac radio appr. W RB 5/14 W.	
489545	4-22	To SEA	Request shipment from Cape May to Phila Airc radio appr. W	
490010	4/21 4/24	Aircraft Factory. Phila	Request instrns regarding radio apparatus for K-5 boat, 3708, to be flown to Anacostia. W. To Cst ph- no radio installn required 4-29	
489768	4-27	To SEA	Request shipment from Airc Phila to Bureau standards ammeters W RB 5/6 W	

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
483844	3-29	To Pacific Fleet	Rel to performance of airc radio trans quotes from report from Atlantic Fleet officer. on F-5-1's transmitters. Reqst report of trouble encountered W.
✓ 485098	4/1	Klaxon Co.	Request report covering noise meter developed by B. Meissner. To B-E Meissner. fwsd co. v 4-13 To Klaxon Co-rel above 4-13 W.
486068	4/5	Anacostia	Change in location of operators position in H-15 and F-5 Flying boats- recommendations covering. W.
486087	4-8	To Pensacola	Reqst vandyke and prints be fwsd. W
486565	4/8	Anacostia	Specifications for Aircraft radio compass instn design problem #35- fwsd photos with comments on. X 919 WR
486566	4/9	Anacostia	Aircraft radio compass subm by Natl. Rec. Su p. 30., sat. sf with minor alterations. W.
486504	4-10	To SEA	Reqst shipment from N.Y. to College Park Md radio appr. to be loaned to P.O. Dept. W(2137) RB 5/7 - W

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
485505	4-10	To Comdt Phila	Airc radio antenna reels type CE-702 aviation- Regst completion by addition of handles, and new change of material sheets be fwded W
462739	FROM 158		To Comdt Phila regst copy of photos 4-12 Phila- Exds wiring diagram showing arrangement of a paratus to be used on NC boats. 4/11 X 228 - W. To Phila (T) plan appvd NC-3 4-19 To Phila rel modification to 10/9/20
486507	4-10	To S&A	Regst shipt from Schenctady to Washn gen and vacuum tube motor gen trans. W To S&A- Rst cancel shipt offer 4/10, vacuum tube motor gen trans. 4/26 W.
454896	FROM CARD 153		S&A- 4/13. W.

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.
480849	3/4	Ham.Rds.	Fwd: letter from Lt. M. H. Esterly, calling attn to advantage to be had by using loop fixed aeriels for air ships. W Fwd Anacostia. 3-12; RB 3-17;
480751	3-12	To S&A	Reqd shipment amplifier from Wash to Phila. W RB 4/7 W.
481493	3/15	To Anacostia	Reqd test be made, rel changing wave lengths on type SE 1310 and SE 1320 radio air spark trans to 507 and 600 meters, with further investigation as to possibility of 800 and 975 meters. Design as problem 83- W Anacostia. - Supm report of investigation with photos. 7/30 W.
TO CARD 179.	3/15	To Phila. gives instrns 8/16 on Atlantic Fleet F-5's. W 493.8/16 Aircraft Fcty-Only one change quired in F-5-L eqipt. 8/18 W. To Phila 8/24 To Rockaway 9/1	To CG's- mod of spark trans eq. ments 8/9 To Phila. modification of trans sets 8/16
481890	3:12 3:15	Aircraft Fty Phila.	Radio transmitters will be left installed on HS-2 and HS-1 boats for Anacostia and Dahlgren. W
481936	3-16	Ordn	Request 1 complete radio telephone trans- mitting and receiving set be furnished Dahlgren for HS-2 seaplane; W
481719	3/4 3/15	Hampton Roads C&R	Reqd authority covering installation of loop aerial on seaships C-3 - W fwd Operations 3/17 copy C&R H.Rds and Anac

Number.	Date.	From or To—	Subject.	
✓ 483056	3/18 3/20	Aircraft Factory Phila.	Request instructions rel to supplying radio equipt for H3-2 boats to be packt, ready for shipt. To Comdt Phila 3/24	W.
483115	3-24	To S&A	✓ Reqt shipment from Key West to Airc Factory Phila, radio apparatus. W RB 9/25 Key West- Subm list of radio material shipt. W4/12	
✓ 483123	3-25	To CO NC-planes Rockaway	✓ Radio telegraph- measurement of radio antenna characteristics, by civilian reprents- Reqst Mr. E.M. Kinney, be allowed to take passage on, in order to make same. W To NC Seaplane Flotill Phila 4/1	
482436	3-23	To S&A	✓ Reqt shipment from Anacostia to Schenec Send receive switch W	
484021	3/26	Dept	Request suggestions covering perfecting instruments and methods for communications between aircraft and war vessels as well as shore stations. Ac. Fleet- Instrns in conn with holding test, co. munications between aircraft and Sub Arines. 4/5 W	W.
483845	3-27	To Pacific Fleet	Radio telegraph- aviation- airc radio compass coils, type SE-4080- delivery of-	W

AIRPLANES RADIO

Number.	Date.	From or To	Subject.
✓ 478195	1/5	Cdr. Hooper	Subm memo for DA Division giving recommendations for shielding ignition radius on aircraft to prevent interference with radio reception. W
477587	2/24	To S&A	Reqt shipment from Airc Factory to Anacostia 1000' rubber covered wire. W RB 3/24
477604	2/25	To S&A	Reqt shipment from Pensacola to Airc Factory radio appr. W RB 9/25 W.
477947	2/26	To S&A	Reqt shipment from Schenectady to Phila Airc Factory radio appr. W Canc of shipt order 7/29/20
✓ 477948	2/26	To San Diego	Fwds two copies of report of radio comm during spotting by aircraft for long range target practice of TEXAS last April at GUANTANAMAO W
✓ 478865	2/26	Nav. Advisory Comm.	Fwds W.E. S. Temple's request for vacuum tube amplifiers. X898 To Natl Advis Com 3/4 W.
478679	3/1	To S&A	Reqt shipt from Anacostia to Phila Airc Factory radio appr. W RB 4/12 W.

Number.	Date.	From or To—	Subject.	
448678	FROM CARD #151		Phila- Fwds sample instruction tag.3/2	
43680	3/3	To Anacostia	Boats prepare and find standard specifications for the installation of type ~~15~~ 1310 transmitter on flying boats type H-16-A. W	829
479467	3/6	To S&A	✓ Request shipmt from Anacostia to Air Factory Phila radio appr. W RB 3/18	
480049	3/8	To SO Air Factory	Disposition of radio material recd in stock and classed as "Not air radio material". W	
480050	3/8	To Cdr Air Detach Pacific Fleet	Obsolete air radio apparatus- disposition of. W	
480340	3/2	Anacostia	Use of low multiple tuned antennas at air stations: find sketch of with photos and detailed report covering. W	875

AIRPLANES: RADIO

1920

Number.	Date.	From or To--	Subject.	
475162	2/12	To S&A	Reqt shipment from Air Phila to Rockaway Beach radio trans sets. W RE 4/27 J.	
475307	2/16	To Secty War	Expresses appreciation for cooperation of Army in assisting Navy in testing.	W
476721	2/16	V. Karapetoff	Request copy of report covering noise meter developed by Mr. Miessner, while in employ of navy Dept. To B.F. Miessner- have referred above request to you 2/20 To Prof Vladimir Karapetoff. 2/20 copy BFM	W.
477155	2/18	Akron	Request complete set of drawings and photos of radio apparatus on CD airships, be furnished. W. To Inspr Akron via Cat 9th Dist 2/21	
477384	2/20	Anacostia	Bombing and Vought VE-7 ship airplanes- submit recommendations covering see other side	W.
477068	2/20	To S&A	Reqt shipment be made from Anacostia to Western Elec NY radio vac tubes. W	

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
477315	2/21	To Com Hampton Rds	Fwds drawing, airc radio compass coil (RE 65 F 157 A) request fwd spec and instructions concerning installn in different types of lighter than air craft. W Ham Rds - Subm in information rel to proposed X919, instn of compass coils on air ships. 4/16 W
477384	2/21	To Inspr Airc Phila	Recommends addtl instructions for bonding for Vought VE-7 ships aeroplanes. W see other side C&R-Copy of action to aircraft factory 3/5 Inspr Report 3/6
477350	2/24	To Anacostia	Fwds print. W
477586 TO CARD 174	2/24	To Comdt Phila Insp Phila - Weekly report 3/24 Phila - Weekly report. 4/3 W. Phila - Weekly report. 4/14 W. Phila - Weekly report 4/22 W. Phila - Fwds aircraft radio instn schedul 4/7/2 W	Request weekly report status of work being done. Airc Fcty installn construction and repair of radio on airc. W Phila - Weekly report. 5/10 W Phila-report week ending March 13th-3;16
477584	2/19 C&R - 5/8.	Anacostia	Request information as to feasibility of designing miniature kite balloon for supporting antenna wire for emergency transmitter set for air craft while on surface of water W Fwd C&R 2/27 R R 3/4 Fwd Anacostia 4-21 3/4 RB 4/26 W.
47757	2/21	To C&R - advise progress 3/24 C&R - Kite balloon to lift antenna wire - Fwds print and description. 9/18 W C&R-Sketch of experimental hydrogen. Fwds- 9/18/20 W Insp Phila.	Generator field excitation batteries for use of transmission - Fwds Aircraft Fcty print with recommendations. W To Cat Phila 2/26 Fwd Anacostia 3/13: RB 3-17; To Cat Phila 3/18
477756	2/21 2/21	Aircraft Fcty Insp Phila	Ask if Bur will supply radio equipt on HS-2 flying boats listed for Rockaway. W

AIRPLANES: RADIO

1920

Number.	Date.	From or To	Subject.
473515	2/3	To S&A	Reqst shipment from Washington to Arcadia Fla 3 airc radio helmets. W
473516	2/3	To S&A	Reqst shipment from Airc Hқты Phila to Arcadia Fla. radio helmets. W
473523	2/4	To CO Pensacola	Fwds copy of SE chart of airc radio apparatus W
474512	2/10	To Anacostia	Fwds copy of "Protection of airships from Electric dangers" by Prof. G. S. Fulcher. Reqst comments. W Anacostia- Fwds copy of "Protection of Airships from elec dangers" by Prof. G.H.Folcher. 2/17
474517	2/10	To S&A To Missouri Aero Society-Reqts return of shipment order to Bu as material called for has been returned. 3-12; RB 3-17	Reqst shipment from Washington to St. RB 2/19 Louis, Naval Entries Bal loon Race, radio appr. Missouri Aeronautical Soc.- Request disposi- tion of papers. 2/17
475153	2/11	To S&A	Reqst shipt from Anacostia to Arcadia Fla. radio appr. W
475154	2/11	To S&A	Reqst shipt from Rockaway Beach to Airc Ph radio trans sets. W; RB 3-17; Rockaway 4/5

AIRPLANE: RADIO

Number.	Date.	From or To	Subject.
475156	2/11	To S&A	Reqst shipt from Cape May to Airc Phila radio appr. W RB 4/12 W. Cape May 2/23
475402	2/12	To GO Pensacola	Reqst report upon operation and performance of type SE 1414 receivers, as instaled planes at station. W Pensacola 2/25
475405	2/12	To San Diego.	Reqst report operation of receivers. W San Diego 2/25
475151	2/13 Ham. Rds. 2/20 Pensacola 2/21 San Diego 2/25	To CO's	Inventory of vacuum tubes. Reqst advise quantity on hand. W Rockaway 2/16 Anacostia inventory of vacuum tubes. 2/18 Chatham 2/18
475157	2/12	To S&A	Reqst shipment from H.Rds to Airc Factory Phila radio appr. W RB 4/7 W.
475158	2/12	To S&A	Reqst shipment from Pensacola to Airc Fac Phila radio appr. W RB 7/23 W.
475159	2/12	To S&A	Reqst shipment from Anacostia to Airc Fac Phila radio appr. W RB 4/7 W.

AIRPLANES: RADIO

1920

Number.	Date.	From or To—	Subject.
472759	1/31	To CO's Air Stations	Fwds copy of radio report NC-4 during recruiting trip and request comment as regards improvement of radio material. W Rensacola - Comments on. 2/18
472760	1/31	To Fleets	Fwds report. W
473028	1/31	To S&A	Request shipment from Airc Phila to Carlstrom Field Fla radio appr. W
473025	1/31	To S&A	Request shipment from Washington to Carlstrom Field radio appr. W
473588	2/1	Dpt.	Request further recommendations as to advisability of proceeding with instillation of internal antenna for hydrogen inflated air ships. and Operations 3/19 W.
473026	2/3	To S&A	Request shipment from Airc Phila to Washington Post Office Dept. radio appr. RB 3/24 W

Number.	Date.	From or To—	Subject.
318197	FROM CARD 2/155	5	Cape May 2/2
	Rockaway 3/6		Cape May 2/2
	San Diego 3/4		Anacostia 2/2
	Ham. Rds. 3/5		8th Dist 2/2
	Anacostia 3/8		Coco Solo 2/26
	Ham. Rds. 3/12		Cape May 2/9
	8th Dist - 3/11		Pac. Air Detachment 2/4 5 letters
	Coco Solo Air Sta - 2/28		San Diego 2/5
	Rockaway 3-15:		Anacostia 2/9
	Anacostia: 3-15:		Rockaway 2/8
TO CARD	8th Dist 3/17		Ham. Rds. 2/8
	Anacostia 3/22		To Pacific Fleet 2/11
168 -A	Cape May 3/22		To Pensacola 2/11
	Ham. Rds. 3/18		8th Dist 2/11
	Coco Solo 3/13		Rockaway 2/12
	San Diego Air Sta. 3/20		Coco Solo 2/2
	Rockaway 3/23		Pensacola 2/14
	Atlantic Air Detachment 3/15		Pac. Air Detachment 2/11
	8th Dist - 3/23		Cape May 2/16
	Ham. ds. Weekly report 3/25 W.		Anacostia 2/15
	Atlantic Air Detachment 3/21 W.		Atlantic Air Detachment 2/2
	Rockaway 3/20 W.		Coco Solo 2/9
	Cape May 3/29 W.		8th Dist 2/19
	Anacostia 3/29 W.		San Diego 2/16
	San Diego Air Sta. 2/26 W.		San Diego 2/17
	Carlstrom Field 3/30 W.		Rockaway 2/20
	Coco Solo - 3/22 W.		Anacostia 2/24
	8th Dist - 3/31 W.		Atlantic Air Detachment 2/18
	Ham. Rds. 4/2 W.		Ham. Rds. 2/21
	Cape May 4/5 W.		To San Diego - 2/26
	Anacostia 4/5 W.		Ham. Rds. 2/25
	Ham. Rds. 4/5 W.		8th Dist - mhm report 2/27
	Phila. 4/6 W.		Carlstrom Field 2/24
	Rockaway 4/5 W.		San Diego 2/26
	To San Diego - rel removal of trans		Anacostia 3/1
	on Dirigible C-6 and replacement 4-		Cape May 3/1
	Coco Solo 3/29 W.		Pac. Air Detachment 2/27
	8th Dist 4/8 W.		Pac. Air Detachment 2/25
	Ship order from H. Rds to Washn		Coco Solo - 3/16
	radio receivers. 4/10		Carlstrom Field 3/2
	Ham. Rds. 4/8 W.		Phila 3/6
	Anacostia 4/12 W.		Atlantic Air Detachment 3/1
	Rockaway 4/12 W.		8th Dist - 3/4
	Anacostia 4/10 W.		Cape May 3/8
	San Diego 4/18 W.		Atlantic Air Detachment 2/22
			Coco Solo 2/28

AIRPLANES: RADIO

1920

Number.	Date.	From or To—	Subject.
469999	1-19	To S&A	✓ Reqt shipment radio helmets from Anacostia to Chicago. W RB 2/7
470465	1-22	To S&A	✓ Reqt shipment direction finder complete from Anacostia. W RB 2/19 To S&A cancellation 1/26
470833	1-22	To Anacostia	Radio Research Problem. Electrostatic Effect on Dirigibles. W
471508	1:23	Anacostia	✓ Palmer antenna for radio aircraft—fwd request of Lt C D Palmer for patent. W To Lt Palmer via Anacostia. fws copies of license 3/4/21 896
471912	1:19	Pac Air Det	✓ To CO Anacostia fws cc license 3/23 Radio apparatus listed was lost when F-5 seaplane 4298 sank at sea.
472260	1:24	Hampton Rds	Fws report of N.H. Esterly covering installation of radio apparatus on semi-rigid air ships. W
471513	1/26	To S&A	✓ Reqt shipment from Washington to Airc Ph radio direc finder W

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.
471872	1/27	To Phila	Radio apparatus for Flying boats types H-16 A and F-5-1 W
472219	1/28	To S&A	Reqst shipmt from Anacostia to Airo Phila radio appr for Airo Factory Phila W RB 4/12 W
472834	1:27	Anacostia	Combination of anti-phone and radio for large planes—submits sketch with comment on.W
472947	1:20 1:26	Aircraft Fty Ord	Asks if satisfactory to relocate radio apparatus in aft compartment of PC seaplanes so that a machine gun can be installed.W
✓ 472940	1:27	Aircraft Fyt Request	Information re assignment of type No.1 modified batteries.W&L
473296	1:30	Aircraft Fty	In connection with radio equipment for 30 HS-2 flying boats for Pensacola.W
473387	1:30	Anacostia	Radio compass aircraft ignition disturbances—fwds report covering.W
473388	1:30	Anacostia	Plans of polarization of waves from aircraft—submits conclusions reached.W
473321	1:26	Insp Fed VOID	

AIRPLANES RADIO

1920

Number.	Date.	From or To—	Subject.
467998	1/7	Annapolis	Location: plant, non interference telephone transmission at audio frequency- subm report of design 1. 1. Bros with sketches. W.
468989	1/8	PAC. Fleet Air Detachment	Request radio equipmt listed be furnished. H.
	To Pac Fleet 2/12		To S&A- Reqt shipment Aldis signaling sets
	To Cat Phila 2/21		light from Phila to San Diego. 1-21 RB 2/11
	San Diego 2/21		Pac. Air Detachment. ?
	W. sent 1 wave meters required 4/20		To Pac Fleet 2/2
	To S&A- Reqt shipment radio tower from		To Operations- Info restd rel equipment 2/4 RB 2/10
	Washington to Annapolis Fleet. 1/27		To San Diego re ship 4-23
468293	1-12	To S&A	Reqt shipment transmitting sets from Chatham to Phila. W RB 2/19
468294	1-12	To S&A	Reqt shipment transmitter from Rockaway to Phila. W : RB 3-17;
468297	1-12	To S&A	Reqt shipment transmitter from Cape May to Phila. W RB 2/19
			Cape May-1-19
468298	1-12	To S&A	To S&A canc 2/5
			Reqt shipment transmitter from Hampton Rds to Phila. W : RB 3-17;
468299	1-12	To S&A	Reqt shipment transmitter from Pensacola to Phila. W
468300	1-12	To S&A	Reqt shipment transmitting sets from Key West to Phila. W : RB 3-17;

918 AIRPLANES; RADIO

1920

Number.	Date.	From or To—	Subject.
468303	1-12	To S&A	Recd shipment transmitting sets from Anacostia to Phila. W; RB 3-17;
465764	1-13	Fwd Dept via C&R	Apparatus for observing the approach of Aero Craft and Balloon antennae for Wireless Communication. L RB-1;31
361473	FROM CARD 103		Nav. Aircraft Factory.—Asks what steps have been taken to secure radio helmet. 1/15 To Airs Phila 1/29
469454	1-17	To Rockaway	Radio Tel. Aviation. Repts for test of inter-plane radio communication. W Rockaway - list of signals heard and messages sent and received. - 5/5 - W

AIRPLANES: RADIO

1919

Number.	Date.	From or To--	Subject.
✓ 463846	12-19	To Phila Aircraft Fcty- Aids reports. 4/20/21	Aviation - Apparatus for Post Dept Aircraft Mail. W To S&A- Regt shipment transmitter, magnavox set from Phila to Wash. Post Off Dept. 12-27 Aircraft Fcty. 1/2 To PO Dept 3-9-21 PO Dept- matl shipped by express-4;1-W
463852	12-19	To 9th Dist	Aviation - Inventory of Aircraft Radio Material. Reqts for. W Great Lakes-1;19 Great Lakes 2/11
✓ 463845	12-19	To S&A	Regt shipment receivers-transmitting ph 2/26 sets, ammeters etc from Phila to Anacostia. W Aircraft Fcty 2/9 To S&A ammeter cable 2/12 To Phila- Gives instrn 4/5
✓ 464308	12-20	To Roebbling's Sons Co To American Steel & Wire Co. 1-24 American Steel & Wire Co. 1/20	Advise re cost of material per sample submitted in 5, 10, and 15,000 feet. W To Driver Harris Co- ditto. 12-20 To American Steel & Wire Co. 12-20 To Belden Efg Co. ditto. 12-20 J. A. Roebbling Son- Cannot manufacture. 12/23. Driver Harris Co.- Cannot supply material. 12/24 Belden Efg. Co.- Returns sample of wire. 12/29
464419	12/7	Coco Solo	Request status of Dist. Radio material Officer, 15th Dist. in regard to aviation radio material for Coco Solo. W. To via Comdt 15th Dist- Ensign O.E. Williams has been ordered to Coco Solo. 12-22
✓ 464317	12-23	To Phila To Phila- Reqts prepare reqn for material required. 1-8 Instr Phila- Aircraft Fcty reqts material listed. 1/10 Phila - 3/12	Aviation - PAC ELTair Detachment- Installation of radio on aircraft for. To be equipped as those for the ATL ELT. W Sgs. 1-13- Recommends tubing be fwded to aircraft Fcty. 1/3 Instr Phila-1;23

918 AIRPLANES; RADIO

1919

Number.	Date.	From or To--	Subject.	
465080	12-29	To C&R	Bonding of Loening type M-800 planes.	W
465213	12/30	C&R	Copy of letter to Anacostia giving instrns covering bonding of Loening M-800 planes for radio. C&R Copy of letter to Anacostia in conn with. 12/29	W.
465362	12/31	Anacostia	Subm list of instrns for shielding ignition system on NC-2.	W.
467036	1/3	C&R	Copy of letter to Constr Phila. giving instrns covering bonding of VE-7 airplanes for radio.	W.
465789	1-6	To S&A	✓ Reqt shipment radio apparatus from NY to Anacostia. W RE 4/28 W S&A 1/15 fwd S&A 1/29	
467622	1/2	San Diego	Reqt 10 radio receivers be furnished for installation on se. ter ships airplanes - 8	736-40

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.
461941	12/5	Aircraft Fccty.	Copy of letter to S&A listing ships made on various SE ship requests. W.
462060	12/4	Carlstrom Field	Request disposition of radio apparatus sent for instruction purposes. Cross 707 - 10-11. ✓ To S&A- Reqt shipment all radio material at Carlstrom Field to Phila Air Factory. 12-12 RB 6/11 Fwd S&A. 12-27 S&A 3/22
462123	12/8	To Inspr Airc Fao Phila	(T) radio installn not desired on H dash nine planes. W copy to C&R and Operations to ordt Phila- Auth to install radio on the ship's airplane now being prepared for service with the ATLANTIC FLEET. 12-11 Insp. Phila- Lists material installed on ship's airplanes, Atlantic fleet. 1/8
462392	12/9	Washington	Request C.E.Co. be urged to expedite delivery of grid leaks to replace unacceptable ones for amplifiers. W.
462562	12-8	Anacostia	Submits weights of certain aircraft radio equipment. W
462790	12/10	C&R	Confirms telephone conversation in connection with furnishing Insp. Garden City with instrns as to bonding, necessary to radio installation on H-8-C machine. - W Insp. Curt-12/9- C&R 12/15- Rel to bonding of radio eqipt. W.

918 : AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
462991	12/10	Naven	Reqst 6 radio sets as used in airplanes be fwd to Southeastern Recruiting Div. for exhibition purposes - W
		W. Booth- 3/1	To S&A- Reqst shipment transmitting sets from Phila to Atlanta. 12-27
		Writing Sta. Nashville-Expedi	To Southeastern Divn- advise status 1-29-21
		for Atlanta- 7/1	RB 3-5-21
		for Atlanta- 7/1	Radio Telegraph- Procedure to be followed in grounding for radio tel. Metallic portions of the wings of losing Monoplanes being supplied the Navy Department. Copy to C&A- Supl. Constr. Aircraft Div. W
		for Atlanta- 7/1	Inspir Brook 12/15
462462	12-12	To Inspir Brook	
462738	12-13	To Comdt Phila	Radio Tel-Aviation - Intercommunication sets for airplanes to be used in connection with the winter maneuvers of the ATLANTIC FLEET. Gives detail instructions for installations. W
167		Phila - reqst instrns relative to fixed antenna on NC-3 - 3/2	To Comdt Phila- Lists radio installation on Navy Seaplane NC-3. 12-15
		Phila- Fwds hydrophone wiring diagram for NC boats. 3/5 X7361	Inspir Phila. 2/21
		Phila - 3/15	To Cdt Phila 2/25
		Phila- Fwds wiring diagram, radio instaln on NC-3. 3/27 W. X7361	
		To Cdt Phila 4/2	
		Aircraft Factory- Fwds photos. 4/9 W.	
463161	12-17	To Rockaway	Radio Tel - Aviation. NC-2 Equipment on. Advise as to the present equipment on. W
		To - Notifies of shipment order for material listed. 12-23	Rockaway 12/18
463162	12-18	To S&A	Reqst shipment dynamotors from Phila to Wash. W
463163	12-18	To S&A	Reqst shipment transmitter from Phila to to Madford Mass. W
192 card		American R/R Corp.- East authority to retain until 10/1 - 8/31 W	To Amer RR Corp. reqst return of trans 8/20 20
		American Radio Resch. Corp.- East authority to retain transmitter until 10/1 - 8/30 W.	To Air Factory- disposition 8/31/20 RB 9/23/20 W
		To - Reqst transmitg set to be shipped to Phila 3-7	Amer Radio Research Corp; will make shipment by express. 8-25; W
			fwd S&A 9/24
			To Air Factory 1/13 W
			To Air Factory Phila 1-17

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AIRLINES: RADIO

Number.	Date.	From or To—	Subject.
459266	11/22	To Insp Phila	Fwd three copies of instruction book omitted from trans equipments recd from Hq. to 304s. Reqt new change of material sheet & fwd indicating that six transmitters complete in every detail. Aircraft Fcty- Fwds change of material sheet. 12/5
459987	11-24 11-25	Airc Fcty Insp Phila	HS-2 boats at Dahlgren will be fitted with standard Cutting & Washington installn. W
459689	11/26	To S&A	Reqt shpmt from Bureau of Stand rds to Insp Phila 5 defective vacuum tubes. W RB 1/14
460674	11/29	Western Elec. Co.	Understand Bureau will fwd drawings and specifications of Navy standard parts; subm Co's interpretation. W
460567	12/2	To Anacostia	Asks record of expenditures be. fwd monthly. W Anacostia 12/20 Anacostia 2/19 Anacostia 3/19 Anacostia 4/20 W. Anacostia 6/21 W Anacostia 7/21 W Anacostia 9/3 W.

Number.	Date.	From or To—	Subject.	
460847	11/26	Anacostia	Improper connection of wiring in radio-telephone transmitter - fwsd photos.	W
460900	11/28	Anacostia	Single circuit receiver has been tested on seaplanes; useless where ignition system of planes are not completely shielded to eliminate disturbances.	W
			Fwd Comdt Wash 12-11 SEE 8069-629RB	12/22
460579	12/2	To Inspr Brooklyn	(m) Inform Loening Aero Engr. Co Bureau authorizes electrical landing specified by Lt. Inspr Keyport 12/9.	
460103	12/3	To Inspr Cleveland Via C&A and Inspr Pitts	Reqst details as listed be included in construction of MBT and MT types of planes. Confirmation of conv of rep of Burd Martin Factory. W Copy back 12/9	
461545	12/3	Anacostia	Subm report of test on Airplane transmitter test sets. W.	
461492	12/5	To Anacostia	Reqst vacuum tube be referred to as "vacuum tube" also stating whether same is oscillating or non-oscillating condition in fwsd reports. W	

AIRPLANES; RADIO

Number.	Date.	From or To—	Subject.
458443	11/17	Post Off. Dept.	Request delivery of 30 antenna suspension insulators be made to Dept. Representative who will call at Phila. Id. W.
457829	11/18	To Pensacola 7-11-19	Reinst and brief summary of course of instruction given student naval aviators in re to operation and handling of radio apparatus. C. Air. also opinion as to whether course sufficient to qualify pilots adequately in use and manipulation of radio apparatus. W CRCS Pensacola. Subj summary of course of instruction. 11/28 to Pensa- 12/5
415827	from card 151		Dept- Are completing station at Bellfonte. 11/20
458592	11/20	To Inspr Cleveland via Inspr Pitts	Representative of Bu arrive factory Glenn, Mass. Co Sat morning. supervised loading of metal wires on Martin bomber and Martin torpedo types of planes. W S

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.	
459080 B	11/18 11/20 Insr Phila 2/12 fwd Insr Ph 2/16	Aircraft Factory Insr Phila.	Lists miscellaneous material recd from SHAWMUT; request Bureau authority for del of Insr Phila. Re st advise r 1 to excess material 11/22 Insr Phila 12/1 Insr Phila 12/31- Rqst action.	W
459349	11-20	Communications	Instructions effective Dec 1 covering tuning of radio apparatus for vessels and aircraft:	
459361	11/21	To Insr Phila Sec 153	Fwd copy of Insr Brooklyn letter of 11/19 for change in form with st shipment reqs for 117: insulators. W Insr Phila- Fwd change of material sheet. 12/8	W
458385	11/20	To SIA	Re st shipment from Alro Ph to Carlstrom Field Arcadia Fla., radio trans set: W	
458386	11/20	To SIA	Re st shipment from Washington to Carlstrom Field Arcadia Fla., radio rec vac tubes (radio tes)	
458943	11/22	To Insr Phila	Re st advise concerning disposition of 760 silver key contacts. Change sheet 234 of 12/1 of 11/5/19. W Phila- 12/1	3/17/19

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AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
455622	11/10	To Anacostia	Assignment of design problem No 35, class B radio direction finder equipment for aircraft. W Anacostia 11-21 Submits recommendations conv changes in radio compass equipment. (Cross to 919) To Anacostia. reqst spec'ns and drawings. 11/16 1920
457716	11/10	Anacostia	Remote control of aircraft radio telephone report of test. W.
✓ 457525	11/14 C. N. KELLY	To Operations	Advises that pilots for planes be given advance training in sending and receiving as nec to substitute radio telegraph set in place of same when fleets go south. W
✓ 458112	11/13	J. P. Fitzpatrick (?)	Copy of letter to C&R stating weights of Martin torpedo plane will have to be revised if same are out-fitted with radio outfit weighing approximately 200 pounds. S.
✓ 458193	11/14	Ham. Rds.	Fwd's sample of wire sewed in tape to be used in conn with proposed loop antenna for dirigibles. W Cross 875
453225	11/19	To S&A	Reqst shipmt from Phila to Bellefonte, Pa. Landing Field 1500 ft silicon bronze antenna W

AIRPLANES RADIO

Number.	Date.	From or To—	Subject
318197		from card 144 111-124-150-56	Anacostia 11/10
		Atlantic Fleet 12/23	Pensacola 11/10
		Atlantic Air Detachment-Weekly	Pensacola 11/10
		report. 12/23	San Diego 11/8
TO CARD		Ham. Rds. 12/23	Cape May 11/17
		Rockaway 12/20	Pensacola 11/17
162		San Diego 12/22	Anacostia 11/17
		Cape May 12/22	8th Dist. 11/19
		TO PAC FLT AIR DETACHMENT. 12-29	Ham. Rds. 11-19
		Anacostia 12/29	San Diego 11-17
		Pac. Air Detachment ?	Coco Solo 11-12 Fwds photo.
		Pensacola 12/23	Kirkpatrick 11-17- Weekly report
SPR 168		Cape May 12/23	Cape May 11-24
		Anacostia 12/15	8th Dist. 11/28
		Coco Solo 11/13.	Ham. Rds. 11/28
		Atlantic Air Detachment 12/27	Anacostia 11/24
		8th Dist. 12/31	Rockaway 11-28
		San Diego 12/30	Anacostia 12/1
		Ham. Rds. 1/2	San Diego 11/28
		Anacostia 1/5	Ham. Rds. 12/2
		Cape May 1/5	TO Pacific Fleet weekly report 12/5
		Rockaway 1/5	TO Atl Fleet 12/5
		Atlantic Air Detachment 1/5	Pensacola 12/3
		Ham. Rds. 1/5	Rockaway 12/6
		Pensacola 1/5	San Diego 12/2
		Anacostia. 1/10	Anacostia 1/9
		San Diego 1/8	Cape May 12/8
		Anacostia 1/12	Anacostia 12/8
		Ham. Rds. 1/14	Cape May 12/1
		8th Dist. 1/10	TO San Diego- 12/10
		Coco Solo 12/27	Rockaway- 12/8
		Coco Solo 1/6	Ham. Rds. 12/11
		Pensacola 1/12	Pensacola 12/8
		San Diego 1/14	San Diego 1/8
		Cape May-1/19	TO Operations. copy to San Diego. 12-15 RB 12/23
		Anacostia-1/19	Rockaway 12/12
		8th Dist-1/21	Cape May 12/15
		San Diego-1/20	Ham. Rds. 12/16
		Atl Air Det-1/19	TO Cape May 12-20
		Cape May-1/26	Pensacola 12/18
		Anacostia-1/26	San Diego ?
		Anacostia-1/26	Pac Air Detachment ?
		Coco Solo-1/19	Anacostia 12/22
		Rockaway-1/30	San Diego 12/18
		Pensa-1/29	Air Detachment 12/17
		TO Cape May 1/30	Coco Solo-1/15
		San-1/27	Key West-1/26

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
455618	11/5	To J. Hays Hammond Jr.	Constants enclosed for information, applying only to single wire trailing antenna: H-5-L seaplane used at H.L. has approximately same antenna constants as type H-16 seaplane. W
454899 ⁸	11/4	To S&A S&A Gives amendments to order. 1-9 RB 12/31	Reqst shipmt from Phila to H.Rds radio Aircraft Factory 11/17 To S&A rel to critchip order 11/22 Aircraft Fty-1,24
454900	11/4	To S&A	Reqst shipmt from Washington to H.Rds radio appr. W RB 11/20
454901	11/4	To S&A RB 3/30 W	Reqst shipmt from Phila to H.Rds radio appr. Aircraft Factory - 12/10 To Gives amendments to order. 1-9 RB 3/30 W
454913	11/4	To S&A	Reqst shipmt from Washington to H.Rds radio appr. W RB 11/20 To S&A cane 2/4
455353	11/3	To S&A	Reqst shipmt from Phila to H Rds radio appr. W RB 11-25 To Gives amendments to order. 1-9 RB 6/11
455356	11/3	To S&A	Reqst shipmt from Washington to H Rds radio appr. W RB 1/20
455359 ⁷	11/3	To S&A RB 3/30 W To Gives amendments to order. 1-9 RB 3/30 W	Reqst shipmt from Phila to H Rds radio RB-2;2 To Gives amendments to order. 1-9 RB 3/30 W

Number.	Date.	From or To—	Subject.
455360 4 5 361 see 156	11/3	To S&A	Reqt shipment from Wash to H Rds radio equip W RB 11/20
455358	11/3	To S&A	Reqt shipment from Wash to H Rds W RB 11/20
455988	11/6	To Anacostia	Assignment of type numbers to aircraft transmitting equipments W
455995	11/6	To Operations	Rel to tests with Loening monoplane W
✓ 456534	11/5	Post Office Department	Desires to purchase 10 type B amplifiers, W payment to be made when transfer funds. To S. & ship from Wash to Post office Dept 10 S. & radio empl 11/14
✓ 457032	11-8	Ordnance	Confirm phone convsn reqstg 2 HS-2 flying bats to be delvd to Dahlgren be fitted with standard radio equipment. W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
453852	10/25	To S ^c A	Reqst shipmt from Akron to Airc Fcty Ph all radio appt. W RB 2/19 To Akron (T) 11/7 Akron- Fwds shipt list of radio material shipt. 11/18 ✓ To S ^c A- From Airc Ph to SC Ph ampl 11/22 Akron- (T) Asks if all radio apprs should be shipt to Aircrit Fcty. 11/24 Reqst submit dimensions of mounting and best location of wind driven generator, based on practical experience for installn. Expedite same. W To MC-4 (T) Exd report 11/14 Naven 11-24 Re to location of wind driven generator on MC flying boat. To MC-4 (T) 11/24
✓ 453853	10/25	To MC-4	Navigation- Fwds report of MC-4 location of wind driven generator, based on flotilla on operation of radio compass on. X 919. 11/26
✓ 454357	10/28	To J.H.Hammond Jr.	✓ Subm antenna constants for info. W To S&A shipt reqstd from Phila to H.Rds airc trans helmeta stor batteries 11/3
454505	10/30	To S&A	✓ Reqst shipmt from Phila to H.Rds airc radio trans sets. W RB 11/20 RB 3/20/20 W To S&A- Gives amendments to order. 1-9
454506	10/30	To S&A	✓ Reqst shipmt from Wash to H.Rds radio appr. W
454507	10/30	To S&A	✓ Reqst shipmt from Phila to Phila Yd radio appr W To S&A- Gives amendments to order. 1-9
454509	10/30	To S&A	✓ Reqst shipmt from Wash to Yd Phila radio app W RB 1/2

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Number.	Date.	From or To—	Subject.	
455040	10/27	To Bureau Standards	Fwd's copy of semimonthly reports of radio for aircraft. W.	876
454896	10/31	To S&A	Reqt shipt of airc radio trans. vacuum tubes and storage batteries be held at Phila in readiness for placing on brd USS SHAWMUT. CO SHAWMUT 11/8	
		etc from Phila to Hampton Rds. 12-31		
		To S&A gives amendments desired to order. 1-31		
		of 12-31 Shipt order 12/31 RB 5/28W		
		To S&A gives amendments to order. 1-31		
		Aircraft Factory- Ask if radi helmets will be shipt to aircraft Factory 1/14		
		To A.C. ac. Phila. 1-17		
454897	10/31	To S&A	re shipment of material. 12/12/19. 12-23	
		To Phila 1/28		
		Reqt shipt from Wash to Phila of radio rec sets batteries, and vacuum tubes.		
455352	11/1	To S&A	Reqt shipt from Wash to Hampton Rds radio app for install SOPWITY CAMEL SOPWITY I SHUTTLE and HS 2 flying boat. W	
		RB 11/20 RB 12/31		
		To S&A gives amendments to order. 1-9 RB		4/26 W
		To S&A req shipt from H. Rds to SHAWMUT		
		air radio helmets 1/27 RB 3/26		
455869	10/31	Anacostia	Navy test on HS-2 of radio apparatus and recommendations for the training of pilots. W	
455361	11/3	To S&A	Reqt shipt from Phila to Phila Yd radio app for SHAWMUT. W	
		To S&A- Reqt shipt antenna reels insulators from Phila to Hampt Rds. 1-2		
		RB 9/24		
		Aircraft Factory- Ask if Bur will furnish insulators. 11/14		
		To Insp Brook asks expd delivery to Ph 11/18		
		Insp Brook- Status of shipt of insulators 11/19		

TO CARD
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AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
451108	10,17	McCook Field	Recs 12 volt gen equip be cont as stand.	W
450994	10/16	To S&A	✓ Reqt shipment from Washington to Anacostia radio appr for Alro Radio Lab W RB 10,24	
✓ 452681	10,16	Anacostia	Special instal of aircraft transmitter, submits photos with comments on. W Anacostia 11-22 Fwds photo with report	
✓ 452617	10,16	Anacostia	Reduction of ignition disturbance on radio compass, fwds photos with report cov. 7-17	W
✓ 452676	10,16	Anacostia	Test of type SE 1370 transmitter, sub photo and report covering.	W
✓ 452675	10,13	Anacostia	Submits table of dimension of aviation equip.	W

Number.	Date.	From or To—	Subject.	
453223	10:24	P O Dept	Reqst certain material. W TO S&A-Reqst shipmt from NY to Pa of bronze antenna and insulators. 10:22 To S&A conc ship order 10/22 11/15	
~~453252~~	~~11:4~~	~~Airon~~	~~Asks if all radio apparatus should be shipped to Aircraft Factory.~~	
✓ 453606	9:27	CO CHATTANOOGA	Copy of letter to Dept and copy of letter from Alliance Airplane Co reqst data on wave length and schedule of naval radio station. W	
454337	10:23	Airo Fcty	Envs photos and detailed report cov radio instal on P - 5 Flying boat for Atlantic Fleet.	DAW
✓ 454357	10:23	J Hayes Hammond	Asks certain information concerning constant of aeroplane antenna used at New London.	W
455207	10/24	To S&A	Reqst shipmt from Washington to NC-4 radio vacuum tubes, for use amplifiers. W	

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
447781	9/25	Anacostia	Sub radio report on H-16 to 38 to Anacostia—Reqst investigations— 10/1 W Anacostia—Sub report of test. 10:9 Anacostia—Report of further test of Palmer antenna. W 12/9
447719	9/28	To NY	Disposition of apparatus belonging to GE advise action taken. W New York 10:20
447723	9/28	To Airc Radio Lab via OO Anacostia	Fwd's prints. W Anacostia 11-21 Rec covg contact button in end of transmitter.
448069	9/27	CAR	Elec Bonding of Internal Wing Trussing. reqst clause cov be fwd to be incorporated in spec. W to CAR—suggestions clause to be inserted in elec bonding of brace wires of airplanes 9/30
447733	9/27	To Anacostia	Radio Telegraph—Aviation—Interphone Sats. Req investigation with view of improv apparatus now installed. W
448036	9/29	To H&A	To Anacostia—Reqst preliminary report be fwd. 10:13 Reqst shipt from Phila to Washington radio condenser 9/

AIRPLANES

Number.	Date.	From or To—	Subject.
447737	9/30	To Radio Lab via OO Anacostia	Change in subm semi-monthly radio report of progress- request subm monthly- W
448037	10/1	To S&A	Request submit from Washington to Anacostia a/c radio receivers, vacuum tubes radio batteries. W
448669	10/2	To Airc Radio Lab Anacostia	Request representative be present, conference held in Radio Divn on 15th of each month. W
448677	10/4	To Anacostia	Request types of appr as listed and table showing weights be compiled and fwd to Bureau. W Anacostia-Sub table of weight of aviation tel equip. 10:10 Anacostia-Subm table of weights. 12/10
448678	10/4	To Anacostia	Change in wave lengths- SE 1300 transmitter- Report requestd. W
to Card 165	To Atl Fleet- change in wave lengths 2/5	Anacostia 11-24	To Cdt Phila 2/18
415627	To Phila 2/5	Anacostia 1/27	To Pac Fleet 2/5
	FROM CARD 131	To Cdt 9th Dist (T) 10/14	Great Lakes 10/27 States preliminary test made on new set indicates very satisfactory transmission.
	To 9th Dist- fwd copy of Postof letr of 11/4/19 11/10	9th Dist. 10/29	To Post Office Dept-in con with 5 k w transm. 11:1
	To PM Genl- Should take up with Comm in conj with Air Mail Service	To PM General- quotes from report 11/4	Post Office Department 11:4
	11/11 cc to Comm		
	To Comm- fwds PM letr 11/11 cc		
	to 9th Dist		
	To Otto Praeger- data re tests 11/24		
		Post Off Dept. 11/7	
		To Com- 11/24	

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AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.	
446026	9-10	San Diego	Reqst 1 SE transmitter and receiver be furnished for use on class C dirigibles. To San Diego— data re installn of internal antenna 11/12	DA W
445911	9/19	To Akron (T)	Arlington sending eleven AM two PM and three PM signals with meridian summer time period Nine band fifty to meters five K W Chicago wave length fifteen hundred W	
446327	9/20	To Rockaway Beach OBONO-4 (T)	Authority draw one SE sixteen eight five B amplifier from N.Y. Yard granted if available period one ampl being shipt SO Navy Yard Boston for 11/31 W	
390065	FROM CARD 110		Exds: SEA- Matrl ship collect. Bur issued shipt ord covering shipt of matrl. Letr of 8/19 conc SO of 1/31 9/22	
446366	9/22	To Cdt Pensacola	Req semi monthly rpts of station Pensacola be made for any disclosures relating to investigations of radio phones carried on by B. E. Messner formerly radio aide with Navy W	896

Number.	Date.	From or To—	Subject.
447282	9:19	Anacostia	Reports on radiation of sigs. W Anacostia 11-22 Submits photo with report
446895	9/23	To Great Lakes	Service in conn with Post Office Aerial Mail Service— Reqst take steps for tuning and providing wave length on 1000 meters on spark sets at stations given for trans on schedules will be instituted by Director Naval Communications W 9th Dist 10:8 9th Dist 10:17 To 9th— ship made from Boston 10/13 10/25
446820	9/24	To Odr NO-4 <i>756-17</i>	Reqst reports during recruiting trip of NO-4 W
447568	9:19	Anacostia	Reports on instal of radio aircraft. W
447730	9:25	<u>Post Office Dept</u>	States have on hand at Newark, N. J. six radio masts, understand dept will be able to use. W

AIRPLANES RADIO

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Number.	Date.	From or To—	Subject.
422183	8/30	To S&A	Req ship from Washington to Phila 150 Magnav radio airc transmitters W RB 10:22 Aircraft Fact. - 5/1 W
✓ 444328	9-8	N. L. (T)	Will have F-5 ready to fly Tuesday morning. W
✓ 444356	9-8	Airc Factory	Streamline insulators for Skid-Fin antenna Fwd sample- Rec be tried out. W
137554	8/11		Getting 9/8 directs radio receiver to Phila-17 balloon race. DA-W
443595	9/8	To Amcostia	Reqst fwd separate reports of all experimental and research work accomplished at Lab. W
422771	9/10	To S&A	Req ship from Washington to Aircn radio tele apparatus W

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.	
✓ 444984	9/12	To S&A	Req ship from Phila to Washington airc tel sets W	
✓ 444987	9-13	To Akron (T)	Radio transformer expressed from Fleet Supply Base Sept. 10th. W	
445245	9/15	To S&A	Reqst skint from Fleet Base to Akron, one radio transformer. W	
445240	9/16	To Akron (T)	If loop experiments for free balloons satisfactory make three sets and have them sent to St. Louis. Order immediately by special messenger from here if experiments not entirely satisfactory. But immediately W Akron 9-17 (T) Tests of loop aerial satisfactory.	
445896	9-16	C&R	Loading M-8-O. Drawings of radio sat. C&R - Reqst action 10-20 To S&R - lvs sk ton 11/15	W

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AIRPLANES: RADIO

Number.	Date.	From or To	Subject.
442058	8:22 8:25	Airc Fcty Phila	Reqt auth for expenditures for repairs to storage batteries. W
441412	8-25 To S&A amend of SO of 8/25 9/16 Inspr Brook-Fwds copy of cont in voice. 10:8	To S&A ✓	Most shpmt from Inspr Brooklyn to Airc Fcty radio app for general store, as listed. Inspr Brook 9-9 Gives corrections in list of materi shpmt. Inspr Brook 9-13 States will make a total of 16 days. Inspr Brk-Fwds copy of cont invoice. W
441428	8-27	To Anacostia	Desire to test desirability, practicability and danger to be incurred in installing fixed antennas on dirigibles with view to making this method the standard. Anacostia 9-2 Submits report To Opr via O&R- re tests 9/8 cc to Anacostia and H Rds- Received back from Dept 10:13 To Naval Operations-Fwd 10:22 R B 11-22 W
415135	From Card 131 Inspr Phila- 5/25 Phila 4/7 Insp Phila - 5/5 - W		Naval Airc Fcty-Sub change in material sheets. 8:26 W Inspir Phila 9-16 Inspir Phila - 9:20 Airc Fcty-Fwds change in material sheets. 10:3 Inspir Phila 10:22 Inspir Phila. 10:22 Inspir Phila. 10/27 Inspir Phila. Fwds change of material sheets. 11/19 Inspir Phila - 12/8 Inspir Phila. 12/9 Airc Fcty - Fwds change of material sheets. 12/16 Airc Fcty - 12/25- Fwds change of material sheets. Inspir Phila. 1/8 Inspir Phila 2/18 Inspir Phila. 3/1 Phila 4/22 W.

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Number.	Date.	From or To—	Subject.
378432	FROM CARD 101		Anacostia 8-28- Semi-monthly report of prog. Anacostia 11/12 Anacostia monthly report 2/14 Anacostia - monthly report of aircraft lab. - 3/13 ✓ Anacostia 5/3 W
441889	8/27	To S&A	✓ Req shipmt from Air Factory, Phila to Akron two radio store batteries W
445306	8-7	Inspr Brook.	Fwds shipping reports for Aircraft Radio Material for week starting 8/31 to 9/2. W
405680	FROM CARD 123		✓ To S A req ship from Phila to Coco Solo radio app for station 9/2 RB 9-13 Shipmt order of 9:2 RB 10:23 San Diego 4/15/21.W. To San Diego Fwds Corr listed 4/23

AIRPLANES: RADIO

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Number.	Date.	From or To--	Subject.
436583	8/7	To S&A	Req shipment from Anacostia to Schenectady three type airc radio trans sets. W
437917	8/8	To Cdt Key West Tel.	Orders dated 6/25/ Gunnar Z. W. Cornwall report Cdt for further try to Naval Air Station period has be rept W
437918	8/9	To Bureau Standards	Req sub transmitters type 1100 and 1130 for test. W Bu Stand-Report of test trans. W 8:12
438699	8/13	To Bu Standards	Fwds copy of report made by Lt. M.H. Esterley on effect of brush discharge on explosive mixtures used on lighter than aircraft. Asks comments BU Stand-Sub further report. W 8:14
439354	8:12	Bu Stand	Modulator test of radio trans., type CG 1410, report cov. W
4407	8/8	Insp'r Westinghouse	Exds test reports on airplane radio generator. S

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AIRPLANES: RAD IO

Number.	Date.	From or To—	Subject.
437920	8/15	To Operations via Anacostia	Quotes from semi-monthly report of progress Air Lab in re to research Problems. Asks when can resume expr flights at Anacostia W BB 8:25
437919	8/16	To Postoffice Dept	Fwd. drawings and spec for Aircraft Radio compass control panels type SE 1441-A W
441085	8:21	C&R	Sub infor re dimensions of capacity etc. on ship bnd seaplanes and airplanes. W
441283	8/20 8/21	Aircraft Radio Labr. Anacostia	Underground system for aircraft work and repairs covering progress. W. Cross 8:25 Anacostia-Fwds sketch of circuit for antenna loop barrage with rejector. W 11:1 Anacostia-Fwds sketch with report. 10:29
441579	8:23	Welding Storage Bat Co.	Fwds invoice for 26 battle ships to radio lab, Hampton Roads. W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
436570	8/2	To Gloucester	Can find no record of SE regn 1007 covering helmets. Asks fwd more definite info. W
437358	7/30	War Dept	Fwds pamphlet on airplane radio tel set. W
436577	8/4	To Insp'r Naval Airc Fccty Phila	Req all airc radio material be removed from flying boats type H-16 and F-5-L upon sale of these planes, as outlined let'r of 8/1 to Operns and mat'l placed in store, rept made covering W
342510	8/5	Fwd Insp'r GE	Material reqst under shipment order was to be taken from contract 40836 with GE Co covering airc radio transmitters type CC-1104-A W S&A - 3/19 Fwd S&A - 2/16/1921 RB 2-25
431381	8/5	Fwd S&A	Rel to shipment order of 7/11/19, req return of papers. W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 377381	8/5	To S&A	Reqt cancellation of shipmt order of 12/18/18 from Wash to Surfied, of 25 radio ster batt
437201	8/5	To S&A	Reqt shipmt from Brooklyn to Washington two sets of Van Dyke Navy order N-42072 W Insp'r Brklyn-Fwds ship report. 8:15 fwd Inscr Brook 8/20
437209	8/5	To Bureau Standards	Reqt Airo Radio Lab conduct comparative tests between double Heterodyne and Acceptor rejector systems to determine which system best adapted for elimination of interference from sta trans on wave lengths which close prox each other. Radio research problem No 27- W
437211	8/5	To Bureau Standards	Assigns radio research problem No 26 to buried loop antenna recently investigated by Gunner E. T. Jones, New Orleans. Asks conduct tests W Am Costia suggest cancel problem 28:11/2 W To Am Costia Cancel's 11/5/20
47452	8/4	To Inscr Keyport	States have detailed Navy Off. to invest. - 629 to find out adjust instn of radio plant on sea planes. DA

Number.	Date.	From or To—	Subject.	
435151	7/28	To <u>G E Co</u>	Reqst Bureau Radio for Airc Section be furnished copies of photos, listed W GE Co 8;13	
432564	7/18	To Sec Navy Opr	Rel failure of radio compass on the NC-3 states facts ascertained after investigation into all circumstances DA	736-19
435150	7/29	To Ph via Operations	Reqst fnds photos listed to Radio Section W	
55100	7/22	Aircraft Factory	Lists radio apparatus received from G. E. Co. Asks on those with serial code DA To Inspr. via Inspr. via Inspr. via Inspr. listed in 7/22 was from British Govt- No contract was made-	736-8 7/28.
N-2916	7/22	To Inspr Brook	Reqsts obtain statement from Marconi Co regarding the exact characteristics of the aircraft antenna for which transmitters as 1100 being supplied in order 2916 were as- signed. W-3. Fwd Sqn. 7/22.	6-9

AIRPLINES: RADIO

Number.	Date.	From or To—	Subject.
435658	7/30	To S&A	Req shipmt from Washington to Bureau of Std airc amplifier W
436080	7/30	To Lt. Sadenwater Tell	Before returning to Wash inspect NC-4 to determine material required and time necess to get radio outfit in working order as for trans-atlantic flight period. obtain whereabouts of NC-4 from Insp r of Engr Material N.Y. W Lt H Sadenwater-Report of inspect of radio instal. 8:8
436535	7:30	Post Office Dept	R get info as to possibility of Navy Dept furnishing 17 control boards for use with receiver. Cross to 685. W
436588	7:31	CAR	Minutes of meeting held in con with location of radio outfit and operation on MP-5, 6 and 7. W
436214	8/1	To S&A	Reqst shipmt from Anacostia to East Pitts two Magnavox transmitters W To Westinghouse. 8/27/20 reqst return of apparatus to Anacostia Westinghouse E/W Co.- 9:27 W.

AIRPLANES: RADIO

[illegible]

AIRPLANES, RADIO

Number.	Date.	From or To--	Subject.
434069	7/22	To <u>GE Co</u> Tel:	Have Baker bring twenty five seven hundred fifty volt fuses and bottle of bakelite W
433727	7/23	To Montauk via Opr	Req photos be fwd to Bu Radio Sec W
434070	7/25	To Opr	Asks which stations go out of commission and if advisable to ship also radio appar from these stations to Ph W RP 7:31
435636	7:26	C&R	Sub characteristics secured from Italian Military estab in con with radio equip. on airship. W
435690	7:26	<u>Bu Stand</u>	Fwds discussion on Naval Airo radio by S Johnston, also report of airplane sig for mail service of Post Office Dept. W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
433507	7;17	Dept	Reqst. in future be furnished with 25 copies of each drawings, plans etc. contained in monthly report. W
433717	7/19	To Cape May	Req print of photos be fwd to Airo Section. W
431388	7/18	To Commn	Reqst. info re correctness of wave lengths and re any contemplated changes in standarization W
431387	8;7	Pensacola	Fwds photos. W
434288	7;16	British War Mission	Fwds invoices and ship notices cov radio equip delivered to Navy Dept. W fwd S&A 8/20
433718	7/19	To S&A	Reqst shipt from Brook to Washn Instruc books for radio airo trans sets W
433165	7/19	To S&A	Reqst shipt from Schenectady re Phila nine radio transmitters W instr 22 4/15 W. RS 11;4
433726	7/22	To NY via Operations	Req print of photos fwd to Radio for airo Sec W
	Nav-Fwds	seaplanes equip photos	Copy RM 7;29 RB 9-18
433726	8;11	Miami	Fwds photos. W

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.
433729	7/21	To S&A	Regst ship from Anacostia to Washington three Magnavox radio trans sets W
433727	7:23	To S&A	Received back 7:28
434539	7:21	Bu Stand	Research propelling number 3 airc ignition disturbance, comments on method of. W
433716	8:4	Insp Brook	International R T Co fwd instrnc books via express.
434573	7:7 7:21	Atl Air Detachment Atl Fleet	Sub report of failure of antenna switch instal of P-5 seaplane. W
434875	7:21 7:22	3rd Dist Com	Sub report of arrival Brit Dirigible R-34 at Roosevelt field, turn material for, etc.

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
431100	7/11	To Anacostia	Reqs prints of photos be fwded radio for airo section W Anacostia—Fwds photos. 8:6
431102	7/11	To San Diego	Reqst nine copies of photos be fwd to Bu W
431107	7/10	To S&A	Reqst shipt from Pensacola to Phila defective dynamotors W R B 9-3
431101	7/11	To Key West	Req nine copies of photos be fwd W
432149	7:6	Bu Stand	Devel for radio come in aircraft, report of inspec trip for Eng and France. with prints. W
432540	7:14	Bu Stand	Reqst small planes for sporting purposes. type flown off turrets of Miss and Texas to made available at Anacostia for radio work. W Fwd Operations. 7-16 R B 7:28

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
431381	7/11	To S&A	Req ship from Brunswick to Phila radio apparatus for stock Airc Fcty W RB 12/18 Brunswick - 7:25
426744	7/15	To S&A	Req ship from NY City to Airc Fcty Phila six cases spare parts for motor gen W Inspr Report 7:30 To S&A card of 30 of 7/15 8/9. RB 11:7
429001	7/14	To S&A	Req ship from Phila to Akron wire and cable for air station Akron on dirigibles W
432842	7:12 7:15	Airc Fcty Inspr Ph	Conf tel conv in con with radio app for 2-5 boat. W
431387	7/17	To Pensacola via Opr	Req print of photos be fwd to Bu. W Dept 7:21-Copy of their action on Bu letter of 7:17
432741	7/17	To Aviation	Desires obtain number of cuts shown on training manual radio for airc pub by Opr Aviation W

INDEX: RADIO

Number.	Date.	From or To--	Subject.
429967	7:2	Bu Stand	Report of test for rec type CW-1228
429988	6/30	To S&A	Reqst shipt from South Brooklyn to Phila six crates radio material one spare radio set W RB 12/18
429957	7/5	To Rockaway Beach via Operations	Reqst prints of photograph RV 550 be furnished to Bu Radio for Airc Section. W RB 7:11
429372	7/1	To S&A	Reqst shipt from Phila to Hampton Roads 1000 ft model W wire W RB 7:23
429953	7/5	To S&A	Req shipt from Brooklyn to Phila 35 type SE 1100 airc trans W: RB 3-17: Inscr Bklyn- 8:14 Inscr Brook 9-9 Amendment of shipt order 4/10/20
429946	7/7	To Cape May	Complete report of operations of radio app on dirigible C-8 on date of loss directed by Cape May-Report of operation of radio app on C-8 Cross to 7:36-3 7:10
429958	7/7	To Hampton Roads	Reqst serial no of airc radio trans type SE 1380 assigned to H.Rds W Hampton Roads-No sets available. 7:14

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.	
✓ 430498	7/8	To Insp'r Phila	Fds copies of photos W	
✓ 431012	7:7	<u>Bu Stand</u>	Comparison of West Elec and magnavox transmitter, report cov.	W
429968	7/9	To Rockaway	Reqst prints be fwd to Bureau, radio for Alrc section W To Rockaway, via Operation-7:9-Copy of Dept 1st endorsement to Rockaway.	
431588	5/16	European Forces	Submits report of visit to British Exp Radio Sta and status of investigation. W.	652
431098	7/10	To CO Hampton Roads, via Operations Aviation.	Reqst prints of each of photos be fwd to Bureau Radio for Alrc Section W Dept-Copy of their action on Bu ltr of 10th. W 7:21	
431831	7-15	To S&A	✓ Reqst shipment 24 vacuum tubes from Wash to General Elec Co. W	
432252	7-14	To S&A	✓ Reqst shipt transmitters aircraft from Hamp Rds to Phila Air Craft factory. W RB 10:14	
432259	7-15	To S&A	✓ Reqst shipt transmitters and spares from brook to Phila Aircraft factory. W RB 12/9	
		Insp'r Brook-Will cont. shipt against contracts. 10:1	Insp'r Brook 9-9 Reports on shipt of transmitting sets.	

N.S.E. Form 134.

AIRPLANES: RADIO

1919

Number.	Date.	From or To—	Subject.
427392	6/23	To Operations	Lists requirements during year 1920 radio experimental development. W To Ops- exp in progress. 6/26 Dept 6:30-1:00 pm in 1920 work on radio cont torpedo. Cross to 791
427656	6/23	To Hampton Roads	Orders issued Eastern 2 D Ruler for duty H. Rds in 1920 W. selected H. Rds status at present installed at H. Rds for use Anacostia. W
427668	6/24	To Norfolk	Recd invoice E-103-19 covering two airc radio receivers tubes helmets & batteries be returned to 30 Wash as material taken special messenger to Fleet Air Detach and later returned to Bu W
427955	6/3	Bu Stand	Recd copy of report and experiments on throat transmitters at lab Bu Stand by J. L. Bernard, asks if Bu will claim. W Cross to 896
428191	6:25 6:24	Airc Fcty Phila	Conf tgl conv in con with disposition of radio airc compass coils for class D dirigible W
428220	6:23	Phila	Recd airc antenna constants by G. E. Co rep at Cape May. W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 427561	6/25	To European Forces <i>P. 4.</i>	Reqt drawings be obtained from British and French Govt of types of radio equip used by Allies at field batteries in conn with fire control for aircraft. W
			European Forces— Rwdg prints on various app 8:9
			Naval Intelligence 9-20 Rwdg data obtained from Naval Attache Paris.
✓ 428190	6:25 6:34	Airc Fcty Inscr Phila Smithsonian Inst. 7:27	Conf tel conv in con with shipment of airc radio material listed for Smithsonian Inst. W Cross to 787 - 5
			To S&A re w ship from Phila to Washn radio app for Smithsonian Inst 6/26
✓ 428497	6/27	To S&A	shipment Ord 6:28 Req ship from Norfolk to Washn radio compass amplifiers W S&A 7:17
✓ 428989	6/30	To Fleet Base p	Reqt radio set as reported by Lt C G Little used trial flight of airc C-5 be retained in stock disp by Bu. W
425565	6/24	Cape May	Not feasible to instal coil antenna with 724 present facilities.
✓ 425375	7/1	To Phila	Rwdg three copies of photos. W neither Bu or GS have any record of 21394-

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APPENDIX: RADIO

Number.	Date.	From or To—	Subject.	
✓ 426785	6-19	Bu Stand	Sub report of vibration test on transm.	W
425478	6-17	To S&A	Req slip from E Fido to Phila 7 damaged vacuum tubes spare parts for E Fido trans radi parts obsolete W	
✓ 425967	6-18	To S&A To S&A. Wave meter recd by Mr Jordan and ret to stock 9/29 9-29	Req slip from Wash to Genenectady wave meter W To General Elec Co. Advise if finished with apparatus loaned. 1-7 To GE Co. request return of matrl. 8/21/20 GE Co.- Shipt ordered by express, 9/2: 9/2	W
✓ 425765	6-18	To Signal Corps	Request supply drawing and instructions in re to radio sets for use at an artillery battery for a machine gun when firing and spotting for control of artillery fire info request and supply ten small radio sets for use at land batterie material for Marine Corps W cc to Marine C W	
✓ 425479	6-17	To Phila	Request Mr W R G Baker of GE Co be permitted to inspect radio instaln on OHIO W	
✓ 425565	6-20	To Cape May	Info desired feasible to mfg and instal excise coil antenna with facil avail at C	

AIRPLANES RADIO

Number.	Date.	From or To--	Subject.
✓425982	6-20	To C&R	Installn of appr on D class non-rigid dirig eare will not be made prior to ship's arrival to point of erection of ship W cc to Phila
425993	6-19	To Supt Airc Aeron	Encls drawing of G. Dodge & Tins & Rubber Co and SE letter of June 19th explaining method of fabricating and installing type of antenna in C and D class dirigibles W
426256	6-20	To NY	Reest info completion of installn radio set for comm un with British Dirig R-34 Flying Field Minneapolis W To NY- req inst be dismantled and appr returned to Rockaway Beach 7/15
423503	6-20	To S&A	✓ Req ship from Wash to Schenectady four circ radio receivers and 48 vac tubes. W To S&A cane SO 6/20 6/28
425145	6-23	To Otto Bauer 2nd PM Gen R-1	Sub info reest as regards Be'efonte, installn of radio trans cap sets. W copy of Commun.

AIRPLANES RADIO

1919

Number.	Date.	From or To—	Subject.	
✓ 423876	6-10	To Insp or Phila	Fwds copies of airc antenna constants for info and files W	
✓ 425125	6-10	By Stand	Mod test of airc radio trans, fwds oscillogram on report cov.	W
✓ 423104	6-10	To S&A	✓ Req ship from Phila to CO N-9 seaplanes radio To S&A airtel of 30 6/27	
423872	6-9	To S&A	✓ Req ship from Brook to Cape May radio trans for installing C-7- W	
424351	6-8	To S&A	✓ Req ship from Brook to Phila radio transmitters W: RB 3-17. Insp Brooklyn 9-9	
✓ 21876	6-10	To S&A	✓ Req ship from Schenectady to Phila 399 radio vacuum tubes GE- Advise when shipment will be completed. 12-15 Insp GE- 20 tubes available for ship 12/22 12/18	
✓ 421930	6-13	To S&A	✓ Req ship from Rockaway Beach to Washn radio airc transmitters W To Rockaway Beach- reqst ship of trans 7/8 To R B Tel 8/15 To NY (T) 9/10 To NY (T) 9/11	
NY 9-15 (T) No record of shipping order.				
NY 9-16 (T) Radio transmitting set ship 9/15. Y				
NY- Fwds correspondence 10/27				
And NY 11/8 RB 12/8				

Number.	Date.	From or To—	Subject.	
425525	6:13	S C Goodyear	Recst confirmation of understanding that antenna will be sup by Bu for all dirigibles at works. Insr Akron- 7:10 No antenna on hand. To Insr Goodyear (T)-Not desired delay of ship. Material ordered. If not received proceed without installing antenna. 7-15	erection
425468	6-16	To Rockaway Beach	Auth transfer of airc radio trans to rep. of NY yard, installn station Mineola H.I. W	
425469	6-16	To NY	Author installn of trans at Mineola.	W
43580	6/13	Insr Brook.	Recommends flexible shunt lead be placed outside of coil spring.	629
425467	6-14	To Cape May Tel	Take immed steps install one airc trans SE eleven hundred for operation continuous waves of seventeen hundred meters for comm with British dirigible W Cape May-Tel-instructions carried out. To Opr- rel to compl of radio for comm W	6:18 6-20
426558	6:18	Airc Pcty	Radio Compass N R D cars recd at Airc Pcty. To Phila- ship orders being written to cover shipment of material for N.R. D. cars 6/28	
426740	6:19	Bu Stand	Do not believe trans on brd airc will need use wave longer than 850 meters..	W

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AIRPLANES. RADIO

Number.	Date.	From or To--	Subject.
423181	5:27 6:4	Airc Factory Insp'r Phila	Recst report of radio instal be furnished. W To Airc Factory - re: 2 copies of notes Airc section 6-7 to Hqs. recst 3 copies of notes be fwd'd - re: Section 6-7 to Anacostia - rec'd photographs 6-7. RE 6:11 As from Inspr's roads 6:11 Rockaway-Peds prints. 7:7
423268	6:4	Bu Stand	Recst copy of report of GE Co in con with measurements of constants of an antenna used on naval airc. W Bu Standards 5/14 Recst semi-monthly report on radio for aircraft, also type numbers for aircraft radio. W To Airc r reports 6/24 To Bureau Std- fws reports 7/1
422504	6-4	To Fleet Air Detachment Hampton Roads	Fws drawings and booklets of airc radio apparatus for info. W
423015	6-5	To C&R	War Dept has recst 36 flying boats type HS-2L be supplied for Philippine Exped. in equipment with radio. decided to pick from Airc Factory Phila equl. with trans type C P 1110 at Curtiss Factory before being placed in store. W
422497	6-6	To SIA	Recs sold from Brooklyn to Phila two type SE 4070A airc radio compass coils W RE 8:7

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
422496	6-6	To S&A	Req ship from Brook to Hampton Roads two airc radio compass coils W RB 6:19
423103	6-6	To Insp'r Phila	Reqst 6 N-9 seaplanes and 36 HS-2 L flying boats be equipped with airc radio receivers, to be turned over to U.S. Army- W
423097	6-6	To S&A	Req ship from Airc Fccty Phila to Phila radio batteries. W
423496	6-7	To Insp'r Phila	Fwds prints W
423504 ³	6-7	To GE Co	Req fwd 9 blueprint copies of photographs. W GE Co-fwds photos and blue prints as reqst. W 6:20 L&A 7:3 fwd S&A 7/9
424644	6:10	Deforest Co	Fwds power tube for test for seaplane radio transmitter. W

AIRPLANES: RADIO

1919

Number.	Date.	From or To—	Subject.	
420511	5-23	To S&A	Req ship from Acoustic to Bureau of Standards S&A Reports on status of shipmt. W 9:22 To S&A cancellation 9/30	
420519	5-23	To S&A	Req ship from Acoustic to Bureau of Standards and vacuum tubes. W	
420524	5-26	To S&A	Req ship from Schenectady to Bufile five sets base station spares for air trans. W	
420579	5-26	To International R T Co	Desires to express appreciation of efforts Boston Quarterly inspec report Chelsea Sta. Cross to Chelsea Sta. 7:17 International R T Co - 5:3	
419289	5/27	To Bur Standards	Interference with radio compass of ignition system on KC planes - Submits report of tests covg - W	736-19
421199	5/14	R A LeVander	Submits report of operation of radio sign on KC boats during flight - Rec international Signalling to be commenced for operation - W	736-19
422279	5/27	Airc Fcty	Reqst auth to make installn in conn w radio test stations at Airc Fcty - W.	736-8
4-2183 see card 149				

AIRPLANES: R.DIC

1919

Number.	Date.	From or To—	Subject.	
421518	5-29	To Insp'r Airc, Phila	Will be necessary to advise Bu all shipments recd after repairs made stating point to which the repairs apparatus is to be returned - W	
422771	see 149		Insp'r Phila 6/13	
421518	5:23 5:27	Airc Fcty Ph	Reqst instruc as to repairs of aviation radio material. To Schenectady ship from Phila to Marshfield City radio generator W 6-19	W
421875	5-31	To S&A	Req ship from Schenectady to Phila file airc radio transmitters W RB 8:28	
422091	5-31	To S&A	Req ship from Schenectady to Phila 450 airc vacuum tubes. W	
422691	5:29	Airc Fcty To S&A req ship from Ph to Rad Lab Ph vacuum tubes 8/19 RB 9-9	Authorizes instal of radio equip at Airc Fcty on fcty launch. Inspr Com 6-6 RB 6:17 To S&A req ship from Phila to Airc Fcty radio trans w spares, bat etc. 6/27 RB 8:8 Insp'r Phila 8:13 Fwds prints of airc radio antenna reel type SE 4025- W	W
422693	6-2	To Westinghouse Co		
422095	6-2	To airc Radio Lab Bu Stds Radio Lab	Fwds prints showing schematic diagrams of connections and descrip of proposed audion frequency system for airc radio spotting. W	

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AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
419589	5:15	Pensacola	Report on transm type SE 1100, fws photo cov.	W
419484	5:19	Williard Storage Bat Co	Asks if thin type of battery are being used on NC boat and C-5 To- no Williard batteries used on radio install flying boats NC-1 3 and 4, on dirig C-5 flight from Montauk to St. Johns two 12 volt 40 ampere Williard storage batteries used for operating purposes W 5-22	W
420198	5:20	Bu Stand Lab	Reception of seaplane sig on ground wire and loop, sub report cov.	W
420228	5:20	Inspr Keyport	Asks if will instal radio equip on HS-3 boat bldt at Curtiss Eng'r Corp. Pratt & Whitney engines installed on aircraft that into service- 5-25	W
419663	5-21	To Commanding Officers	Reqt all shipment under letter of 1-8-19 be made to 30 Airc Fcty Pails W	

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.
✓ 419666	5-21	To E J Simon	Asks fwd photographic print of airc radio transmitter design by Co. W E J Simon 5/23. Snds photos of transmitter
419973	5-22	To Operations	Fwds print showing standard radio equipment for airc. W
419967	5-22	To S&A	✓ Req ship from Schenectady to Phila 200 spark gap electrodes. W
419968	5-22	To S&A	✓ Req ship from Boston to Phila 90 radiation meters for transmitters W RB 8:8
420309	5-23	To S&A	✓ Req ship from Schenectady to Phila 6 sets base station spares for radio airc trans W RB 8:28
420509	5-23	To S&A	✓ Req ship from Yd Washn to Bureau of Standard one airc radio amplifier. W
420510	5-23	To S&A	✓ Req ship from Washn to Bureau of Std one airc radio amplifier. W
420512	5-23	To Montauk	Info reqstd re disposition of storage batteries. W Montauk gives disposition of storage batteries. 5:27

AIRPLANES: RADIO.

Number.	Date.	From or To—	Subject.
408940	SEE CARD 125.		British War Mission- Request not recd. 5/15. Brit War Mission-Sub quotations cov tubes. 5:16 Inspr Chicago- 5:2 and Insp Chicago 6/25

AIRPLANE RADIO

Number.	Date.	From or To—	Subject.
✓ 417885	5-14	To GE Co Tel (W A G Baker)	Messenger from Schenectady will arrive with stock 3rd morning ballast lamp plate meter CG eleven thirty proceed immediately to Montauk W these spare your services urgently needed W
✓ 417889	5-14	To E W Coll Montauk 7:22 AM	Tel Baker of GE Co instructed leave NY early Wednesday morning for Montauk W
✓ 418441	5-15	To ~~Magnavox~~ Co	Test of loud speaker completed, asks six of type tested at Bu Stds. asks quotation on six- W
416712	5-14	To Insp AKron	Submits info re std radio equipment for dirigibles and author wanted to convey info to Goodgear T & Rubber Co, gives dimensions W
✓ 418966	5:15	Bn Stand	Sub table showing effect of ignition dis- turbance measured for audibility and receiver used with amplifier. W
418440	5-15	To S&A	Regst shipment from Washington to Submarine Base N. London airc radi. compass amplifier. W

AIRPLANES: RADIO

* Number.	Date.	From or To—	Subject.	
417736	5-7	Rockaway	Reqt shipment order be issued for material listed, left over from N. C. instal.	W
416420	5-9	To S&A	Reqt shipment from Washn to Bureau of Standards was bn one radio compa s amplifier. RB 5:18	W
416935	5-10	To Rockaway Beach	Reqs. five copies of photographs be fwd to Bureau Radio for Air Section, for making record of installn on type NC flying boats.	W
416292	5-7	To S&A	Reqt shipment from Rockaway Beach to Schenectady two airc radio transmitters. Rockaway-List apparatus shipped to GE Co. for repairs. To S&A conc of 30 5-7 5-23	W
416426	5-9	To S&A	Reqt shipment from Anacostia to Schenectady 5 radio vacuum tubes.	W
416429	5-12	To Anacostia	Rel to shipment of 5 vacuum tubes, to replace five tubes turned over to rep of GE Co.	W
417389	5-10	To CO (ARCOSTOCK) Scaplane NC-3	Tel For Lt. O Omar Lavender results fratifying what distance from destroyers is compass reliable period NC four could not raise destroyers after landing on water it appears destroyers do not listed carefully on four twenty five meters instruc have been issued calling atten to this Mrs. L well and sends love Hooper unquote	W

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.
417399	5-12	To Operations	Comments on letter of 3-16, rel to lack of material for US Fleet Air Detachment at <u>Guantanamo Bay Cuba.</u> W
418086	5:9	Hampton Roads	Radio aviation helmets, fwds report on test, made on dirigible C-5 W
415965 8	5-12	To S&A	Reqst shipment from Brooklyn to Phila radio apparatus for Air Factory W Inscr Brook 2/26
416936	5-12	To S&A	Reqst shipment from Phila to Bureau of Std Washn 12 radio vacuum tubes. W RB 5:23
417883	5-13 of first	To Century Company tes of wireless 5-21.	Asks info where copy of photograph of the "First Test of Wireless made from Hydroaero plane in U.S.N. July 1912" on pgs 124 of "Text Book of Naval Aeronautics" by Henry Woodhouse 1917 in published report on naval airc radio may be obtained-W Century Co-Gives address of Harry Woodhouse. 5:16 To Henry Woodhouse- desires to use photo Antenna on engine C-5, fwds prints. W
418169	5:12	Akron	
418168	5:12	Rockaway	Fwds photo of radio equip on MC flying boat. To Rockaway- A.C.s 1-2 notes 5-19

N. S. E. Form 134.
AIRPLANES RADIO

1919

132 ✓

Number.	Date.	From or To—	Subject.	
415863	5-5	To S&A	Reqst shipment be made from Norfolk to Bureau of Standards, Washn., radio transp. type CAT 463. W	
415537	5-5	To Rockaway CO	Rel to visit of Bu representative Lt. Jg M.H. Esterley, on May 5th. material for trail flight of dirigible C-5- author transfer of material, in advance of SO W	
415538	5-5	To Chamber of Commerce	Recommends no attempt be made to establish service until beginning of next fishing season, due to lack of suitable trans equip for vessels. 5:21 W	
415635	5-6	To S&A	Reqst shipment from Washn to Suffield Ohio one wave wavemeter. W RB 7:29	
416305	5:7	Montauk T	W R Baker radio rep. GE Co returned to NY before tel received. To CO M&A TALK Tel 5-7	I
416666	5:6	Bu Stand	Mod test of transm, fws oscillogram of. W	

1919

Number.	Date.	From or To—	Subject.	
412035	From	Card 129	Insp'r Phila- Progress report, 2 let. 5:7 Airc Fcty-Progress report 5:7 Insp'r Phila- 5:9 Airc Fcty-5:9 Insp'r Ph-Fwds photos. 5:29	
415526	5-7	To Radio Controller Corp.	Also further details of any actual trials made with apparatus, and if prepared to make demonstrations on navy seaplanes Radio Cont Co-Rep will call at Bu. 5:10	
416449	5:4	Chatham	Recst spare parts listed for transm be furnished. Fwd Insp'r Brooklyn 5-8	W
415867	5-8	To Operations	Fwds one print, desires make Anacostia Air Station headquarters for all experimental and development work connected with aircraft. Rec provision be made for permanent bldg at Anacostia for housing the Airc Lab. W	
415135	5:11	Insp'r Ph	Fwds change in material sheet. Insp'r Phila 5:11 Insp'r Phila-Fwds change in material sheet. 8:5	

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
415470	4:19 5:1	Gloucester SAA	Reqt material re radio due at Gloucester for Aircraft Section be diverted to Phila. Fwd SAA 5-8	W
415655	5:1	Bu Stand	Fwds report of modulation test of Brit Mark II airc tel transm. Cross to 902	
415682	4:30	Hampton Roads	Fwds copy on constancy of direction of spark set sig received on direction finder.	W
414734	5:1	TO SAA	Reqt shipment from NY to Wash of radio transm. RB 5:26	W
414723	4:30	TO SAA	Reqt shipment from Morf to Haiti of antenna wire. No. 101 Prince - Report on Telegraph 2/22/22 W Co Aviation Section.	W
415135	5:2	To Phila CARD 148	Insr Ph-Fwds change in material sheet 8:18 Change in material sheets. Airc Secty will make complete inventory. 5:13 Insr Ph 6:4 Insr Ph 6:6 Phila 6:18 Insr Ph-Fwd change in material sheet	W
		Ph-Fwds change in mater sheets 7:3	Ph-7:21-Fwds change in material sheet.	

Number.	Date.	From or To-	Subject.	
✓ 415827	4:29	Post Office Dept	Sub outline of radio program for	
		To Postmaster Gen- GL will be	aerial mail div.	W
		reqstd to sub estimate 5-23 To	To Commn- fwrds cy of Second Asst PM Gen	
SEE 151		GL req sub estimate 5-23	letter dated --29 rel to airmail radio service	
		9th Dist-Report on estab com	between Chicago & Cleveland and establishemnt	
		between Chicago and Cleveland.	station Bryan Ohio 5-12	
	5:21	To Post- guests from 1-12	To G takes- reqst reply be made rel above 5-12	
	5:26	9th Dist-Reqst	To Postoffice Dept- info rel to cost of	
415285	5:3	rush ship antenna switch. 9:13	equipment 5-12	Post Office Dept 6:11
		TO SEA	9th Dist 5:19 To Comndt 9. 10. 11 Naval Dist	10:11
			Reqst shipment from NY to Washington of	W
			radio transmitter. RB 5:28	
415287	5:3	To SZA	Reqst shipment from New York to Phil of	W
			air radio transm. RB 5-3	
415294	5:3	To SZA	Reqst shipment from Phila to Wash of	W
			aircraft radio transm set. RB 5:20	
			RB 5:19	
415996	4:29	Guantanamo	Reqst disposition of radio material de-	W
			liver to station by Sterling.	
			To SZA req ship from G Bay to H Ras radio appr	
			5-10 RB 6/3 W.	

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
414451	4:29	To Phila	authorizes changes in radio instal on flying boats for deliv to Fleet.	W
✓ 414951	4:28	GE Co / Personal	National Elec Light Asso Conv.—Reqst details of machine in con with demonstrat- ing tel app.	W
415015	4:30	Dept	Reqst fwd 4 radio sets to Hampton Roads Air Station to be held for ship airplane detachment. To Naval Operations—Orders shipment to.	5:3
415026	4:29	Insp'r Ph	Sub report of radio instal F-5 boats.	W
415025	4:29	Insp'r Ph	Sub report of radio instal F-5 boats.	W
414730	4:30	To Director Of Prod & Stores	Ref to despatch of 29th British War Mission 3-5-19 (personal) quotes prices. W	W
414731	5:2	TO S&A	Reqst ship from NY to Ph of airo radio transm sets.	W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
318197	From Card 124		San Diego- Weekly report. 4:18
	Chatham 6:2 - Weekly report		Pensacola " " 4:28
	Key West-Weekly report 6:2		Brunswick " " 4:28
	Pensacola 6:2		Coco Sola " " 4:28
	Anacostia 6:2		Rockaway " " 4:28
	San Diego-Weekly report. 5:18		Hampton Rds " " 4:28
	Coco Sola " " 5:24		Anacostia " " 4:15
	Rockaway " " 6:16		Key West " " 4:15
	May Brunswick " " 6:10		Chatham " " 4:15
	Chatham " " 6:9		Cane May " " 4:15
	Key West " " 6:10		Coco Sola " " 4:15
	Anacostia " " 6:10		Akron " " 4:15
	Cape May " " 6:1		Rockaway " " 4:15
	Pensacola 6:9		Miami " " 4:10
	Coco Sola Weekly Report 5:31		4th Dist " " 4:10
	Miami " " 6:14		Chatham " " 4:10
	Rockaway " " 6:14		Boston " " 4:10
	Cane May " " 6:17		Pensacol " " 4:10
	Boston " " 6:17		Hampton Rds " " 4:10
	Anacostia " " 6:16		Coco Sola " " 4:10
	Pensacola " " 6:16		Akron " " 4:10
	Inser Brook " " 6:19		Rockaway Beach " " 4:10
	San Diego " " 6:21		Miami " " 4:10
	Rockaway " " 6:20		Hampton Roads " " 4:10
	4th Dist " " 6:10		San Diego " " 4:10
	Pensacola " " 6:18		4th Dist " " 4:10
	Key West " " 6:24		Key West " " 4:10
	Brunswick " " 6:24		Hampton Roads " " 4:10
	San Diego " " 6:24		Chatham " " 4:10
	Rockaway " " 6:20		Pensacola " " 4:10
	Miami " " 6:20		Montank " " 4:10
	Pensacola " " 7:2		Coco Sola " " 4:10
	Coco Sola " " 7:21		Rockaway " " 4:10
	New Brunswick " " 7:3		Radio lab Semi monthly rep 5:10
	San Diego " " 7:26		Miami Weekly report 5:10
	Rockaway " " 7:5		Montank " " 5:27
	Miami " " 7:15		Brunswick " " 5:28
	Chatham " " 7:7		Key West " " 5:28
	Brunswick " " 7:11		Anacostia " " 5:28
	Hampton Roads " " 7:9		Key West " " 5:26
	Miami " " 7:12		Chatham " " 5:26
	Rockaway " " 7:12		Akron " " 5:26
	Key West " " 7:12		Pensacola " " 5:26
	Chatham " " 7:15		Akron " " 5:26
	Pensacola " " 7:15		4th Dist " " 5:26
	Miami " " 7:15		Montank " " 5:26
	Hampton Roads " " 7:15		Coco Sola " " 7:5
			Rockaway " " 7:18

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.	
412035	4-23	To Inspr Phila	Reqst report be fwd re progress being made on installn on seaplanes and flying boats for fleet operations. W	
To Card 132		Aircraft Factory - 4:30	To Phila-Reqst photos. 4:29	
		Aircraft Factory - Daily	Airc Factory-Daily progress report. 4:28	
		progress report. 5:3	Ph-Sub progress report. 4:30	
		Insp Ph-Daily report 5:5 three letters. Airc Fcty-5:6 wk rep	Ph-Insp-Daily report of radio instal airc fac. 4:30	
412941	4-23	To S&A	Insp Ph-Daily report 4:30	
			Reqst shipment from Phila to Washn Bu	
			Standards, radio tel material W	
			RB 8:2	
V 183119	From 104		To H. R.S. - reqst information re action taken, installation of complete radio for Rockaway. W	
			Rockaway- Reqst disposition of radio apprs damaged beyond repair 12/3	
			To Rockaway Beach- reqst survey of appr. and shipt to Ph Airc 12/6	
413412	4:23	Insp Brook	Wks prints of suspension bolt on wing insulator.	W
			To Inspr Brooklyn- approves design 5-20	
413967	5:22	To S&A	RB 8:28	

AIRPLANES RADIO

1919

Number.	Date.	From or To--	Subject.	
412937	4-24	To S&A	Reest shipment from S chenectady to Phila six airo radio transmitters W BB 8:7 Insp'r G E 9-9	
413224	4-24	To Bureau of Standards	Advises rel to visit of Mr. Fridham, represent ative of Magnavox Co., demonstrating Magnavox loud speaker, asks test on incoming radio tele and telephone signals. W Bu Stand-Report of test of magnavox loud speaking tel. 4:29	
413568	4:26	Insp'r Chicago	Status of shipment of helmets from Taylor Trunk Co. To Insp'r Chicago-25 helmets received. 4:26 W W	
414165	4:25	Bu Stand	Utilization of compass attachment on airplane receiver, sub information in con with.	W
413374	4:26	TO SEA	Reest ship from NY to Phila of radio transm to be placed in store.	W
413974	4:25	To Hampton Roads	Reest photos. Hampton Roads-Edw's phototes. W 5:9	W

AIRPLANES RADIO

128 ✓

Number.	Date.	From or To—	Subject.	
411867	4-19	To Hampton Roads via Operations	Request two copies of photographs be fwd Bn Radio for airc section. W Hampton Rds-Rds photos. 5:5	
411868	4-19	To Anacostia, Via Opr.	Request fwd to Bureau Radio for airc section two copies of photogra hs. W	
411870	4-22	To S&A	Request shipments from Wash to Schenectady of 24 vacuum tubes. W	
412039	4-21	To S&A	Request shipment from Buffalo to Phila ten radio vacuum tubes. W To S&A amendment of 5-7	
412048	4-21	To S&A	Request shipment from N.Y. to Washn 6 milli ameters scale 0 to 300 W RB 5:20	
412715	4:21	Insp'r Phila	Conf tel conversation req inspec M-9 seaplane at airc factory in con with radio instal on. W	
412961	4:21	Phila	Conf tel conv stating no radio instal made on M-9 boat at factory, instal on M-2 boat will be completed from schedule. W	
412952	4:25	To USS SHAWMUT T	Transf of radio airc app. W	

AIRPLANE RADIO

Number.	Date.	From or To--	Subject.	
✓ 412105	4-22	To Insp'r Phila Phone	Asks inspection be made with one of the radio officers so that extra tank and radio could be definitely located. DA Aircraft Factory 4:22 Insp'r Phila Report on status H-9 seaplane to be flown to Hampton Roads. 4:24 To Ph-Conf tel conv. 4:30	
✓ 412602	4-22	To Phila	Reqst info when installn of radio telephone sets on H-9 seaplanes for fleet opr compl. W	
412603	4-22	To SEA	Req shipment from Fleet Base to Boston radio receivers and battery books. W To Boston--author installn on AAR N WARD and BUSH 4-23 AS 7:18	
✓ 412607	4-22	To Insp'r GE	Phone- Info reqstd date of del of 12 aircraft radio trans for use on Fleet. W	
✓ 411681	4-19	To SAA	Req ship from Brook to Phila, radio materials W	
✓ 412608	4-22	To H.Rds	Asks have 25 batteries charged so be available for Fleet Air Detachment 5-1 W	
412705	4/21	Phila	Req that inspection and installn of radio in airplanes, etc. be placed under radio officer stationed at VA and that enlisted personnel under Insp'r Phila's Officer be assigned in this work transfer to radio Officer 4th District-Dan	

AIRPLANES RADIO

1918

Number.	Date.	From or To—	Subject.	
410393	4-14	To S&A	Reqt shipment from Washn to Schenectady a/c receivers W	
410395	4-14	To S&A	Reqt shipment from Wash to Radio laboratory Bureau Standards W radio amplifier W RB 5:10	
410695	4-14	To Hammond Radio Research Laboratory. Mr. J.H. Hammond Jr.	Acknow letter of 4-8. for "W" tubes. at present under reqn. cannot furnish before June 1st. W	
411161	4:15	GO TEXAS	Req ship orders be issued cov aircraft radio app from vessel to Anacostia. To S&A req ship from TEXAS to Anacostia radio appr, 4-24 RB 5/24	W
411223	4-15	To S&A	Reqt shipment from NY to Washn 50 radio batteries. W Shipment Order 4:15 RB 5:5	
411238	4-17	To Hampton Roads	Reqt report be transmitted byophone to Bureau daily at 9 A.M. in conn with prep in conn tr Atlantic flight. W To H.Rds- no further work in conn with Atl Flight will be carried on until directed by Bureau 4-22	

AIRPLANE RADIO

Number.	Date.	From or To—	Subject.
✓ 41 239	4-17	To Lt. Condr. R.A. Lavender	Reast report daily re activities of previous day in conn w preparation for transatlantic flight. W
411250	4-18	To Hampton Roads	Confirmation of phone conversation, re radio work performed on 4-16, in conn w transatlantic flight, none, acct, unfavorable weather conditions. W
411960	5-19	To Anacostia	Received back 5:25 with photos.
411862	4-18	To Rockaway	Confirmation of phone conversation, no flight work on 4-16, day spent in training 36 operators of destroyers force in conn: taking radio comp bearing on destys from atre during transatlantic flight. W
411865	4-18	To Hampton Roads	Confirmation of phone conversation, re radio work on 4-17. W
411866	4-18	To Rockaway Beach	Confirms phone conversation, re radio work performed on 4-17, in conn w transatlantic flight. W
406486	4-19	To C&R	Reast what action will be taken to provide for space for N-9 seaplanes for fleet opr. W

AIRPLANES: RADIO

1919

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Number.	Date.	From or To—	Subject.	
409824	4/9	Inspr Phila	Asks when men will be available for installn of radio apparatus on flying boats at Aire Factory —	736-8
409823	4/8 4/9	Airc Factory Inspr Phila	Recommends radio app be removed from bts in storage and assigned to stock—	736-8
410466	4:11	C&R	Fwds prints showing instal on airship.	"
409612	4-11	To S&A	Reqt shipment from Phila to Aircraft factory Phila— six radio transmitters. W RB 12/18 S&A— Asks if shipment has been cancelled. 4/19 " Fwd S&A 4-21 1928 S&A 4/26 "	
410592	4:12	New London Co. 7	Plans arrived as schedule, asks if shall 1/2 kw or 2 kw set.	"
410639	4:11	Inspr Curtiss	Cannot verify price covering aircraft radio transmitters. Fwd S&A 4-16	"
410766	4-12	Com.	Reqs that test be conducted with airplanes type radio compass to determine deficiency in use for shore stations W	919-1

AIRPLANES RADIO

Number.	Date.	From or To--	Subject.
410836	4-10 4:12	4th Dist CAR	Fnds card calling for 100 radio transmitters on hand of Bnd of Survey for disposition. W
409599	4-10	TO S&A	Request shipment from Brooklyn to Washn radio airplane receivers W
410194	4-12	To CO's Air Stations Hampton Roads-Asks if aviation bldgs for radio tel will be furnish- ed. 4:22 To Norfolk-construct not Coco Sola-4:25 To Opr-construct recomrecom Coco Sola-4:25	Rec be submitted report showing present facilities for radio repair and storage W Franklin-1000 room for storage purposes. W. 4:21 Cape May-Recs shed be built for stor- age radio material. 4:17 McCormack-also instrum lts listed be furnished. Pensacola - 5:2
410385	4-12	To Lt. Com. R. A. Lavender	Confirms verbal instruc. to remove tube support and controls from six receiving sets to be used in conn w trans-atlantic flight W
410904	4:5 4:9	CO 4:5 US Fleet	Submits Report of Texas two seat airplane spotting Miss during long range target practice. W US Fleet-Asks report of CO of com from airplane during long range target practice. 4:9 Crosby to Tel Radio. C. 4:14 to build for storage radio material. 4:17

AIRCRAFT: RADIO

Number.	Date.	From or To—	Subject.	
408486	4:4	G&R	Req that B-5 flying boats for air detachment of fleet be flown from Airc Factory to Hampton Roads be equipped with radio.	W
✓ 408667	5:2	Com	Rwda letter from GE Co stating will locate experimental stations at Detroit Edison Co and their superior stations.	W
✓ 379433	4-2	To S&A	Req amendment of Shipment order 12-23-18 to read one airc radio trans set. instead of two. To S&A req came SO 12/23/18 7/11/19	
✓ 408940	4:4 inspr Chicago- 4:26 inspr Chicago- 4:25	British War Mission Progress report.	Increase of 10% in price cov airc tel and vacuum tubes will be sup from London. To - re cooperations 4-9 To GE- re 1 spec of appr befor del 4-10 To - re cooperation of inspr GE with 4-10 To British Mis sion- quotes price 5-6	W
See Card-134.	4:29	To Brit War Mission-States that prices for airc sets do not agree.	British Mis sion- quotes price 5-6	gov
408938	4:31	Brit War Mission- 4:30 CO	Airc test, submits report covering.	W
✓ 408438	4-5	To Operations	Reqst authority to taken photos of radio instal in on flying boats. Rockaway, W	

AIRPLANES RADIO

Number.	Date.	From or To--	Subject.
✓ 408442	4-5	To Lt Comdr <u>Mitcher</u>	Tel Five radio gen for NC boats from St Standard Air Corp ship on BL 20560 March 31st period trace W
✓ 408630	4-7	To Hammond Radio Research Laboratory	Cannot furnish "U" type CG 1144 tubes, until June 1st. W To S&A rec shipment from Washington to Boston four vacuum tubes 7/31 RB 8:20
✓ 408831	4-8	To S&A	Reqst shipment from Washn to Fleet Base airplane radio receivers, 340 vacuum tubes W
✓ 409729	4-9	B n Standards	Submits table of results obtained on coils made up according to British design on liberty engine, fws sample. W
✓ 409773	4-8	Bu Stand	Apparatus for vibration test of airc radio equip, fws prints. W
409965	4-10	To Phila	Advises rep of Bu will visit Airc factory giving instructns re installn on flying boats. W
409661	4-10 RB from Hav 4:26	To Inspr GE	Reqst material urgently needed be given preference. SO 3-29 and 4-10 W Inspr GE-No record of shipment order of 3-19. 4-14 To Inspr GE- confirms assumption a/c date of SO, should have read 3-20 4-17 To Inspr GE- reqst date of ship and BL nos of transmitters 4-19

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AIRPLANES RADIO

Number.	Date.	From or To--	Subject.
OLD NO			
318197	4-2	To Key West	Reqst further details- W
see card 56			Miami-Rads report for week ending 4:4
168			Rockaway-Weekly report 4:4
Card 130			Chatham-Weekly report 4:4
155			Key West Air Station - 4:7
			Rockaway - 4:4
			Cape May - Weekly report. 4:6
			Pensacola- 4:9
			Coco Sola-Weekly report. 4:1
			Key West-Weekly report. 4:12
			Miami-Weekly report. 4:11
			Key West 4:12
			Coco Sola-Weekly report 4:5
			Chatham-Weekly report. 4:16
405316	4-1	To S&A	Reqst shipment from Brooklyn to Phila
			radio telg material W
			Reqst shipment order of April 1, 1919
			be amended. 5:1
405681	4-2	To Operations	
			Rads for comment and suggestions, proposed
			circular letter of instructions to be issued
			to yards and stations, re policy covering
			jurisdiction of radio material activities
			of air service W
406478	4-1	To S&A	
406486 see cd 127			Reqst shipment from Washn to Bureau,
			special messenger, radio six Perry buzzer
			blinker sets W
406677	5-31	To S&A	
			Reqst shipment from Anacostia to Schenectady
			radio trans W
407172	4-1	To S&A	
			Reqst shipment from Buffalo to Phila
			radio helmet W

AIRPLANES RADIO

Number.	Date.	From or To--	Subject.
407406	4-2	To Phila	Reqt Board of Survey and Appraisals fwd bids and specs re type CE 615- radio trans W To Phila- reqt info action taken letter 4-2 Received back from Phila 4:22 4-19
408160	3:22	CO TEXAS	Submits report of aircraft com experiment. W
407704	4-3	To CAPE MAY	Advises internal antenna on airship C-5 is not to be used for transmitting purposes until author has been given. W Cape May 4:8
407705	4-3	To Operations via Ord.	Advises after examination of plans of Radio Controller Corp. for control of one airplane in flight from another, method considered well planned, feasible and practicable. W Received back 4:13
407961	4/1	En Stand	Radio go across variation, submits report on construction of antenna at low frequency on long continuous wave. 919
408409	4:3	Aircraft Factory	Conf tel conv relative to instal radio app on three boats to be flown to Hampton Roads. W

AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.	
✓ 406432	3;28	Bu Stand	Sub table showing relative audibility of position distribution and sig for SE-1405 and SE 950 received with the detailed report on.	W
406940	5;24	Inspr Chicago.	(Old No)	
405169	3-27	To S&A Inspr Brook-Conf tel conv in con with req for correction of shipmt order. W 5:9 Inspr Brook-6;12-Ship Report.	Reqt shipment from Brook to Vila props To S&A amend of S. of 3-27 4-2 To S&A- amend of 4:17 4:25 To S&A amend of items 5-6 Inspr Brook-Reqst additional ship ord be shipped. W 5:2	
405317	3-28	To S&A	Reqt shipment from Brook to Washn 340 instrue books-	
405737	3-28	To S&A	Inspr Brooklyn-4:23 To Inspr Brook-Adkigs receipt of instrue books. 4-25 Reqt shipment from Gloucester to Washn vacuum tubes-	
405746	3-28	To Boston	Reqt investigation of shipment, SO 10/14/18 Inspr Mass-lists shipments made. 4:9 To S&A req ship from Bos to Buffalo vacuum tubes 4-19	
✓ 405748	3-28	To CO H.Rds	Permission reqstd to use aircraft C-3 at H.Rds, representative of Bureau will be present at time of install	
405689 Old No	5;14	Chatham	Received back 10;10	

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Number.	Date.	From or To--	Subject.
405753	3-28	To S&A	Reqt shipment from Brook to Phila r to motor generator sets- Insr Brook Cost of repairs should be born by Crocker Wheeler Co. 4:25 ~~Air 4:31~~ To Air Party fwd copy of SO 8/4
405486	3-29	To C&R via Operations	Advises 6 aircraft radio telephone and telegraph sets type CG 1104-A have been ordered shipt to H.Rds, asks if required space will be available for installn-
405682	3-29	To H.Rds	Reqt be made up at Lab six cup radio helmets type SE 2000 needed at Rockaway Beach Bu will issued shipt instruc coverg matrl
405669 <i>Carl 122</i>	3:31	Fwd Bay Shore	Received back To S&A req shipment from Bay Shore to Phila seven boxes interphone radio equip W 4-4
405680 SEE 148	3-31 Pensacola 5:13	To Operations Operation-sub copy of radio tel type allowance list. W 6:20	Recommends method of handling radio material at air stations in way which stores handled on board ship and at yards- To Dept of Agri.-Grants permission. 4:17 Dept 4:21 To Dept 5:16
405699	4-1 Coco Sola 8:8	To C&R	Fwds copy of drawing, proposed installn plan of radio transmitter and radio receiv ap.r on non-rigid dirigible Class B tractor-

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AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
✓ 403696	3-21	To S & A	Regst shipment from Buffalo to Phila spare parts and radio receivers.	
✓ 401248	3-12	To Post Office Dept	Advise re cooperation in re to supplying apparatus and material for erection of stations and equipping of planes. - Post Master Genl-Detailed comments. 8,6	
✓ 404136	3-21	To Hampton Rds Tel	ship all airc radio material marked GAUNTANAMO Expedition to GAUNTANAMO first available transportation- W	
404755	2:13 3:20	5th Dist Com	Fwds report on range of radio com with airplanes.	W
404471	3:25	Bu Stand	Aircraft radio. Fwds report of test of SE -1405 amplifier on short wave.	W
✓ 405483	3:24	Bu Stand	Fwds copy of oscillogram in con with test of West elec tel transm.	W
404853	4:12	Boston	List app necessary on Humarock.	W

AIRPLANES RADIO

Number.	Date.	From or To--	Subject.
405324	3-25	To S&A	✓ Reqt shipment from Schenectady to to GE Company, Standardization Laboratory for GEORGE WASHINGTON radio vacuum tubes-
405325	3-25	To S&A	✓ Reqt shipment from Schenectady to Philadelphia 62 vacuum tubes-
✓ 405536	3-26	To H.Rds via Operations	Reqt 12 copies of photographs listed be fwd to Bureau for use in conn w reports of airc radio development-
404778	3-25	To Magnavox Co	Tel: Sub radio for airc section special del- six samples latest type Microphone transmitter etc..
405669	3-27	To S&A	✓ Reqt shipment from Bay Shore to Phila two sets 50-A telephones-
Card 125 404779	3/26	To Comdt Penssa	Requ number of electricians aviation now on duty at in excess of minimum complement re- 632 quired to carry on radio activities on airc W

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.
✓ 403046	3-17	To S&A	Req ship of two aircraft radio transm from GE Co to Six Corps Wash. To S&A request mechanism of SO 3-17 5-9 To S&A req cane SO 3/17 7/12/19
✓ 402197	3-18	To Hamp Rds	Requ radio apparatus at Air Station be fwd to USS SHAWMUT when marked "Guantanamo Expedition" W
✓ 403065	3-17	To USS PENNSYLVANIA	By requ full report radio operation seaplanes air detachment USS SHAWMUT W
403772	3-18	Insp Brook	Req ship order cov one transm panel sent by special messenger to Rockaway Air Station.
✓ 404098	3-14	Anacostia	Sub report on cent exp to dist what deviation of airplane compass is caused by radio and in its proximity. W
404313	3-17	Naval Adv for Aeronautics	Req weight and approximate cost of radio set now used on airplanes, also radio tel W and Operations 3-24
404876	3/18	Caltham	Dept 3/22 recommends radio observers for dir- igibles be especially trained for sea planes others not qualified W 632-1

✓
AIRPLANES: RADIO

Number.	Date.	From or To	Subject.	
404401	3:21	Bu Stand	Fwd drawings con of Brit tel rec and and trans for airplanes.	W
403966	3-20	To Norf	Desires to take measurements of antenna constants - W To Anacostia, desires to take measurements of antenna constants - W To Bureau Stds- advises re visit of rep GE Company March 25th 3-25 re dirigible balloons, method of emergency control- (See 736-3)	
403365	3-21	Fwd O&R (v o i d)		
403960	3-20	To S&A	Req shipment from Buffalo to Phila boxes radio receivers etc-	
403961	3-20	To S&A	Req shipment from Glouch to H Rds dry bat rs for Fleet aircraft- RB 5, 8	
403962	3-20	To S&A	Req shipment fro Washn to Norf radio recel	RB 6/5 W
403963	3-20	To S&A	Req shipment from Schenectady to Norf radio transmitters- RB 7 - 10	
404025	3-21	To Bureau Standards Bu Stand- Fwd computation of constants for loop antenna dirigible. 3:20	Asks fwd report re characteristics of loop antenna of size and shape of class "C" dirigible gas bag, fwd drawing giving approx dimensions and shape of.	

4. -328.1

[OVER.]

AIRPLANES RADIO

Number.	Date.	From or To--	Subject.
401252	3-12	To S&A	Req shipment from Boston to Washn one airc- radio transmitter, contract 43679 with Cutting and W. Co. BB 4:29 Inscr Haas-Co. y of lct to Bu Stand, stating transm tested and found sat. W 4:32
403696	3:27	To Curtiss	(Old Lumber)
401991	3-14 <i>Card #18</i>	To Operations via Y&D	Recommends one type A Y&D portable bldg be supplied with stations listed, Chatham Coco Solo, San Diego- BB 3:27
402185	3-14	To Operations	Expresses thanks for excellent cooperation re important radio tests at Anacostia
401992	4:15	Chatham	Req expedite construction. To Naval Operations-Cons of radio bld at Chatham, approves type. 4:30
405107	3:16	Hampton Roads Tel	Direction finder test sat, must have bat and new tubes for cont of test. W Cross to 919
403533	3:17	Bu Stand Lab	Aircr ft radio, FAA's summary of work undertaken in develop of throat and cheek transm. To Bu Standards 3-20 rpr on investgn re need of transmitter.
403850	3:13	Anacostia	Sub report on flights made in order to test transm sub GE Co.

AIRPLANES RADIO

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Number.	Date.	From or To—	Subject.	
400405	3/6	Gloucester	Requ future plans for disposition of radio aircraft material DA	736-1
401362	None	Ministry of War	Sub report on airplane rec damped transm.	
401377	2:23	C&R TEL CO	Sub outstanding account for June 1918, req payment of.	1
400243	3/6	E J Simon (2)	Requst for opportunity to assist BU in obtaining from radio mfg's 21W 21A set for navy seaplanes W	736-19
400425	3-10	To S_A	Requst shipment from NY to Aero Show dry batteries W RB 4:1	
400655	3-10	To S_A	Requst shipment from Brock to Phila radio cable	

Number.	Date.	From or To—	Subject.
401856	3:6	CO TEXAS	Req authority to use material left over at Annapolis on contract 39649 W
402086	3:13	Pensa Tel	Asks if Bu desires radio trans installed in addition to rec in con with two additional placed in Guantanamo. To Pensa 3-15
398585	3-11	To S&A	Req shipment from Halifax to Phila airc radio transmitters- To Phila via S&A - req cane of Ship order of 3/11 11/22
398806	3-12	To S&A	Req shipment from Boston to Phila 55 vacuum tubes To S&A amend to 45 tubes 3-22
398807	3-12	To S&A	Req shipment from Schenectady to Phila 45 vacuum tubes-
401250	3-12	To S&A	Req shipment from Cape Breton Is to Phila 4 airc radio transmitters- North Sidney Air Station. 3:25 To S&A cane of 30 3-12 4-7
401453	3-12	To S&A	Req shipment from Boston to Phila 46 vacuum-tube airc transmitters Inspr Mass-Co. let to Phila stating trans. tested and found sat. 4:35
401356	3-15	US.S.S.PENN.	Edws report re Standard Radio equipment.

AIRPLANES RADIO

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Number.	Date.	From or To—	Subject.	
33258	2/26	Brook	Fwdcopy of ltr from Insp'r Crocker Wheeler Co reporting inspec of generators for Air Craft radio transmitters W	629.
/397967	2-28	To S.A.	Reqst shipment fr m Gloucester to Shorehead City radio transmitter type C 1110 contract 37979 Cutting and Asm	
39810	3-4	To CE Company	Calls a v ltr to get heading portion and one is identical with discose ltr. On 1110 insulator type 2110 with 400 necessary inserts are included or line and March 1st.	
398951	2:22	CAR	Copy of Ship Ord cov radio masts from Air Fct to Fleet Sup Base.	W
398798	2:16	Phila	Status of compass station.	
400322	3:3	New London Base	Vacuum tube transm with A C in put, fws prints.	W

Number.	Date.	From or To—	Subject.	
400314	3:5	Anacostia	Determination of average number ft per turn of antenna wire on reel, fws schedule showing.	W
399228	3:7	Coast Grd	Authorizes instal compass station Coast Grd Sta 58	
399497	3-7	To Inspr Curtiss Co	Re: Fwd list of radio material not on hand covering 3:10-14 Inspr Curtiss—fws list of serviceable and un-serviceable radio material on hand. 3:14	
400555	3-8	To Gen rad Radio Co	Fws list of lead-out insulator showing fitting for info-	
401076	3:8	Bu Stand	Fws report on test of Type C and 1105 spark transms.	W
400409	3-7	To Gloucester	Reqt shipment from Gloucester to Phila radio material W	
401991	3-14	To Comdg Officers	Re building for housing radio activities. To Y&D via Operations— fws drawing 4-2 Received back 4:12	

Number,	Date,	From or To—	Subject,	
396917	2-26	To Operations	Wait definite arrangement be made for required flights upon completion of installation of sets & C boots—	
397953	3-4	MI	Old Number	
396921	2-26	To 3CA	Reqt shipment from Washn to Newark NJ radio telg material gas eng gen set—	
383649 399 105	2-21	To Insp'r Akron	Notes on available current at Flying Field is 110 volts DC stops have been taken to furnish charging outfit for this power source	
397855	2/20	Crocker Wheeler Co	Req return of motors and generators and ammeters to various divisions yds	882-3
398191	2;18	USS TEXAS	Fwd report of test of radio app on ship airplane, under Navy cond powers used airplanes for target practice. To Bu 3-3 re reports fwd of interest to Bu 3-3	
398353	2;26	Phila	Conf tel conv stat airc radio material at Glo center can be shipped to Phila on receipt of order.	

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AIRPLANES: RADIO

Number.	Date.	From or To--	Subject.	
398314	2:21	Amacostia	Fwds schedule of ft per turn in con with determination of antenna reels of wire.	
399231	5:6	To New London Base	Received back 5:10	
398556	2:24	Phila	Sub report of radio test.	W
398607	2:28	Bu Stand	Fwds report on instal of direc finder coils.R	
398641	2:27	GE Co	States can mfg 4 of 6 mill sets in 4 weeks if overtime is authorized.	W
398522	2:21	Pensc	Radio meters for airc transm, fwds data on. W	
398597	2:26	Ph	States that storage space for radio airc mater now at Gloucester will be available 3:15 to allow re transfer also date of 3-8	

AIRPLANES : RADIO.

Number.	Date.	From or To--	Subject.
✓ 394834	2-18	To Hamp Rds	Rqst inform Bur if Crocker-Wheeler apparatus listed is at Sta- If so, rqst be ret'd to them, advising Bur of shpmt 2/18
395145	2-18	To S&A	✓ Rqst shpmt from Glou to Washn Lab, 12 Storage Batteries- W R B 3/5
395618	2-18	To Insp'r GE Co	Fwdg matrl distribution sheet for transmitter sets Type CG 1104- 2/18 W
✓ 396413	2-19	Copely Mfg Co	Asks if seaplane radio bar set ret from Bu Stand. W To- shipment order issued 2-26
✓ 396505	2-18	Radio Lab Bu Stand	Fwds report of instal of Direct Finding coils and Curtiss airplane of Post Office Air Mail Serv. College Park. Bu Stand-Report of instal of director finder coil on R airplane, Post Office Dept Serv. 2-21
3956-2	2/19	To S&A	Rqst. hint. of tubes from Schenec. to Gloucester for Nav. Air Store. RB 12/22 Insp'r GE-Fwds report of status pliatrone tubes. 2-25
396951	2/24	To CO Rock. Peach.	Under future reports in duplicate.

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AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
✓ 396612	2:19	Bu Stand	Edw's oscillograph for test of 375 meter Genl Elec V tubes transm.	W
✓ 397134	2:17	CO TEXAS	Airplane radio test, sub report cov.	
397345	2:20	Montauk	Reqs future radio sets for Type C Dirigible be prov with proper leads and blades for storage. W To Montauk- advises neces leads will be sent to Montauk, for Dirig C-6 now in course of erection 3-27	
✓ 397257	2:14	CO TEXAS	Sub report of test of radio on Sopwith.	W
✓ 397521	None	Natl Museum	Req comp calibration of radio aircraft app to be shown in con with museum War calibration, approved by Sec.	
✓ 378017	2/21	To CO Nor.	Reqt. that E. be informed upon receipt of Rites	W

AIRPLANES: RADIO

Number	Date	From or To—	Subject	
395087	2:13	Bu Standard	Fwds report of test of genl radio transm.	
395088	2:13	Bu Stand	Test of British tuner and transm. report of.	W
395139	2:13	Goodyear Tire Co	Req data on set sending radius of 300 miles in instal in dir Igible. To GE Co. Rest you furnish Goodyear with info desired- 2/28	W
395203	2:8 2:14	Cape May Dept	To GE Co. states that B. has no objection to GE. Elec. Co. furnishing information con. radio sets. Sub rep of HS-2 Flying boat equip with small radio tel and trans set.	W
395123	2:10	Hampton Roads	Fwds elec characters with report on radio coils. To Hamp Rds 3-17	W
394833 <i>Good</i>	2-15	To 4th District	Rest Dist Radio Matrl Officer 4th Dist report to Bur at time matrl is recvd at Phila Yd for return to store- W RB 3:15 RB 4:1	
395301	2:18	2nd Dist Fwd	Received bak 3:3	

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Number.	Date.	From or To—	Subject.
394458	2-17	To S&A	✓ Rqst shpmt from Curtiss Aeroplane Co To Gloucester- 8 vacuum tubes type CG 916- W To S&A cano of S O 3-22 RB 3:27 RB 3:25, canceled.
394459	2-18	To S&A	✓ Rqst shpmt from Curtiss Aeroplane Co to Gloucester- radio apparatus listed- W
394833 <i>Encl</i>	2-15	To S.A	✓ Rqst shpmt from N Y to Gloucester, 1 Delco 32-volt battery charging unit- W
395142	2-17	To S&A	✓ Rqst shpmt from N Y to Gloucester, 12 vacuum tubes type CW 931- W
395143	2-17	To S&A	✓ Rqst shpmt from Gloucester to Phila, 2 Storage Batteries - W R B 2:26
395144	2-17	To S&A	✓ Rqst shpmt from Norf to Gloucester, 1 phantom antenna- W
395425	None	Phila	Conf tel conv in con with nec to comp cont units started at Wash Yrd for radio compass apparatus.

AIRPLANES : RADIO.

Number.	Date.	From or To--	Subject.	
393656	2-11	To S&A	✓ Rqst shpmt from Gloucester to Norfolk, 5 Radio transmitters - W R B 3,1	
393657	2-11	To S&A	✓ Rqst shpmt from Gloucester to Norfolk, 5 Radio Transmitters - W	
40098	2/12	C&R	Fwds ltr from Constructor Cutriss stating radio material reported short was never received W	629
✓ 392783	2-13	To Chf Signal Officer USA	For rstd SO Wash to execute Signal Corps order 130679 for med wave receivers- Matrl will be ready for shpmt by 2-25 W To- shipment made BL 6821 March 19th 3-22	
393654	2-12	To S&A	✓ Rqst shpmt from Brook to E J Simon, 15 wing insulators type SE 1172- W	
393909	2-12	To S&A	✓ Rqst shpmt from Wash to Norfolk radio material listed- W R B 7:41	
393919	2-12	To S&A	✓ Rqst shpmt from Phila to Gloucester 11 radio receivers type CW 1298- W	

Number.	Date.	From or To -	Subject.
394091	2-13	To S&A	Rqst shpmt from Wash to Gloucester vacuum tubes listed- W R B 3:11
394090	see cd 120		Gloucester-Sub spec allotment of \$166.56 4:12 To Glouch- allo made 4-22
394092	2-13	To S&A	Rqst shpmt from Phila to Gloucester 10 vacuum tubes type CG 916- W RB 3:21
394870	2;11	War Dept	Fwds radio pamphlet #5 on Airplane Radio Tel Transm St. To Chf Signal Officer Wash- Ack above 2/19
394623	2-14	To Moorhead Laboratories	Per rqst of R M Keator are fwdg 3 copies of specfns RE 13A 130A for transmitting vacuum tube type CG 1144- W
394524	2-14	To G E Co	Fwdg 3 copies of specfns RE 13A 130A for transmitting vacuum tube type CG 1144. W In- wds change of material sheets. 3:17
394124	3:7	Gloucester	Fwds changes in material sheet. Gloucester-3:29
394995	2:12	Gloucester	Gloucester- Fwds change in material sheets. 2:11
			glou 3/4 Fwds changes of matrl sheets - 3:17
			Req instruc in con with disposition radio transm. W
393910	2-12	To S&A	Rqst shpmt from Wash to Norfolk, receivers, helmets, vacuum tubes and batteries- W To San Domingo- Rqsts report re sub 2/23 3:21/22 Fwds Co Santo Domingo 3/27 122

AIRPLANES : RADIO.

Number.	Date.	From or To--	Subject.
384733	2-12	To S&A	✓ Rqst shpmt from Seattle to Aircraft Stg ehause Radio material listed- W
392600	2-12	To S&A	✓ Rqst shpmt from Inspr Brook to Aero Accessory Depot 12 Insulators- W To Inspr Brook- Rqst list of material be fwd to Comdr G C Westervelt- 2/12 RB 4:1
392601	2-12	To S&A	✓ Rqst shpmt from Gloucester to Aero Accessory Depot Radio material listed- W To SO Glou- Rqst standard packing list be fwd Comdr G C Westervelt covg matrl shipt- 2/13 RB 4:1
392602	2-12 To S&A req cand item a of SO 2-12-4-2	To S&A	✓ Rqst shpmt from Wash to Aero Accessory Depot Radio material listed- W To SO Wash- Rqst standard packing list be fwd Comdr G C Westervelt covg matrl shipt- 2/13 RB 4:1
392610	2-12	To S&A	✓ Rqst shpmt from Gloucester to Aero Accessory Depot Storage batteries - W RB 3:6
393019	2-12	To S&A	✓ Rqst shpmt from Inspr G E to Aero Accessory Depot Transmitters- W To Inspr GE Co- Rqst standard packing list be fwd Comdr G C Westervelt covg matrl shipt- 2/13 RB 4:1
393024	2-10	To S&A	✓ Rqst shpmt from Gloucester to Radio Division Aircraft Storhouse storage batteries- W To S&A req ship from Phil to fnd rad 30 radio stor batteries 6-6 RB 8:28
393025	2-10	To S&A	✓ Rqst shpmt from G E Co to Norfolk Radio Transmitters - W

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Number.	Date.	From or To—	✓ Subject.
393026	2-11	To S & A	✓ Rqst shpmt from G E Co to Norfolk radio transmitters - W
393027	2-10	To S&A	✓ Rqst shpmt from Aircraft Factory to Norfolk 10 Radio receivers - W
393316	2-10	To S&A	✓ Rqst shpmt from Aircraft Factory to Norfolk 10 Radio receivers. - W
393317	2-11	To S&A	✓ Rqst shpmt from Gloucester to Norfolk Storage batteries - W
393317	2-10	To S&A	✓ Rqst shpmt from Gloucester to Norfolk 10 Storage Batteries - W
393651	2-11	To S&A	✓ Rqst shpmt from Gloucester to Norfolk 5 Insulators - "W"
393652	2-11	To S&A	✓ Rqst shpmt from Gloucester to Norfolk, 5 Insulators - W Gloucester 6:16
393653	2-11	To S&A	✓ Rqst shpmt from Brook to BU SE Insulators - W

AIRPLANES : RADIO.

Number.	Date.	From or To--	Subject.
391894	2-7	To S&A	✓ Rqst shpmt from Brook to Manhattan Elec. Supply Co of 6 type SE 1170 insulators - W
391896	2-7	To S&A	✓ Rqst shpmt from Brook to Airc Storehouse of 18 type SE 1170 insulators - W RB 2/19
391900	2-6	To S&A	✓ Rqst shpmt from Wash to Norf of 30 vacuum tubes GE 1162, 80 vac tubes CW 933 - W RB 3:15
392124	2-7	To S&A	✓ Rqst shpmt from Wash to BU SE 6 practice buzzers and keys - W
392591	2-7	To S&A	✓ Rqst shpmt from Brook to Internatl RT Co of 12 type SE 1170 insulators - W
392593	2-7	To S&A	✓ Rqst shpmt from College Pt to Aircraft Storehouse aircraft radio transmitters, antenna, etc. W
✓ 393606	2-7	To Lt Col W J Polyblanc	(T) Apparatus recd. Ready for test probably Monday - W
393651	2:11	TO S&A	Rec back 3:11:19 Gloucester 5/29

Number.	Date.	From or To—	Subject.
393022	2-8	To Inspr Mass.	Shpg instrns being issued covg remaining vacuum tubes at GE Co - W
393030	2-10	To CO Key West	Rqst future weekly reports covg activities in conn w aircraft apparatus be in dup. W
394184	2:6 2:11	Insprr Sperry Insprr NY	Radio sets returned to Sperry Co. asks if shall be deliver d to NY Fwd Industrial Mgr N Y via S&A 2/17 Washington 3:18
394124	2:10	Gloucester	All reports and records of radio material for aircraft will be fwd to distant cont radio material officer. To Gloucester- Rqst all reports and records be fwd Bur via Dist Radio Matrl Officer- 2/19 W
352599	2-12	To S&A	Rqst shpmt from Phila to Aero Accessory Depot 3 vacuum tubes- W To Insprr Phila. Rqst fwd list of matrl to Comdr G C Westervelt- 2/12 To Insprr Phila. Rqst you can comply with reqst. in ref. (b) 2/12 To Insprr Phila. Rqst shpmt for b fo 3-3 Rqst info re steps taken to expedite shpmt of kites- 2/12 N Y Air Sta 3/4 (T) Rqst issue shpng order- W
378017	FROM CARD 100		

AIRPLANE : RADIO

Number.	Date.	From or To--	Subject.
391106	2/3	To CO Nor.	1. that there be fed. to B. copies of Hamilton Rds. photograph
392789	2-2	Signal Corp	Requ information as to status of order covering radio material placed with Bureau W
318197	168	SEE CARD 71 Dupl	Requ 2-3 weekly report. To Bruns- req ship of
155	report 7/15	To Brunswick- req continue weekly	To C. L. Jam- ask last take matter w 2-25 in 9/24
To H Rds- de ires steel masts			To Fey test- asks info re CW1000 radio sets
To Rockaway Beach 12/3			insur with 2-26 To Atl Flt- in re to
392785	1-14	Euro Forces	insur Brook 3-22 f.d reports weekly 9/10
			lean tubes for eliminating statics and
			hanging forks in storage batters will
			be forwarded from London Eng. W
391112	2-7	To S&A	Reqt ship three vacuum tubes from Phila to New London. W
391895	2-7	To S&A	Reqt ship 15 insulators from Brook by special messenger to E.J. Simon. W
391899	2-6	To S&A	Reqt ship 110 vacuum tubes from Wash to Supply Officer MRF. W
391892	2-7	To S&A	Reqt shipmt from Brook to Manhattan Elec. Supply Co 10 type SE 1170 insulators. W

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AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
	2:7	Bureau Standard	General radio transm, fws oscillogram with report cov.	W
388914	1-29	To S&A	Regst shipment from Brooklyn to Washn 156 Instruc books Navy order K-4207 W	
389366	1-30	To S&A	Req shipment fr m Buffalo to R. Lonsch air radi transmitter for Sub Base R B 3:6	
389368	1-30	To S&A To S&A req ship	Regst shipment from Schenectady to St. Morroe	
	Inapt	GE - 4:25 from GE to rail	radio material To S&A can SO 1/30 6/24	
	Can 301-30-19	5-31 To GE case of	To Schenectady- items omitted should be	
	So 1-30	6-2 To GE 9/22 To S&A	snipped to NY marked for SUPPLY 4-23	
389702	2-1	To Bureau Standards	Fws blueprints of radio compass coil F-5-9 flying to lat Hampto. Rds, and K tr Jan 11th to Bureau-	
390501	2-5	To S&A	Regst shipment from Buffalo to Boston for S&A radi transmitter Boston 3:17	
390502	2-5	To S&A	Regt shipment from Phila to Boston for S&A radio vacuum tubes- S&A - fws copy of S&A req to 3-5	
391893	2-7	To S&A	Regst shpmt from Brook to Internatl RT Co 6 type SE 1170 insulators - W	

AIRPLANES : R-210

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Number.	Date.	From or To—	Subject.
> 398600	1/27	To Crockor Wheeler Co.	Report of gas engine driven generator for use in airplanes—engine not suitable for this use 382
390363	1:30	O&R	Installation of radio apparatus on seaplanes at factory, same will not be req. W
389692	1-30	To Hamp Rds-	Feds prints—radio compass coils installed on F-1-9 Alvia boats
390067	1-30	To TEXAS	Has shipped to that ship radio aviator as listed W
375015	See Card 98		GE CO- Contract not yet received. 1:30

AIRPLANES RADIO

Number.	Date.	From or To	Subject.	
390063	1-31	To S&A	Re tr shipment from Curtiss to Gloucester 51 aircraft radio transmitters	W
390065	1/31	To S&A	RB 3:21 Req ship from Bu Stds to GE avia material for research lab	
See 390605-919 card 60)		(SEE CARD 150)		
390080	2-1	To S&A	Re tr shipment from Bu Stds to Pensacola for radio app of E-10-17 -227505 be cancelled	W
✓ 391691	2:6	War Dept	Encls copy of radio pamphlet on "Radio Mechanics and Airplanes" to Chief Signal Officer-Acknow receipt of radio pamphlet. 2-7	W
390081	2/5	To C. Pensacola	Re st. that any item remaining on hand on material reports in ref. (a) be shipped by express Gov. B/L to SC Gloucester.	
390503	2/4	To S&A	Re st. ship. of radio material from Gloucester to Bost. for USS SEAHUNT	
✓ 391882	2/5	To Chief of Nav. Oper.	Re st. that the radio apparatus on French dirigible be fwd. to Naval Air Lab.	

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AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
388445	1:24	Bu Standard	Req shipment order cov material for test 2 kw radio phones transn, return of same to GE Co.	W
388579	1-27	To S&A	Reqs shipmt from Phila to Washington 30 vacuum tubes	W
388599	1-27	To S&A	Reqs shipmt from Wash to GE 2 generators Signal Corps type	W
388598	1-28	To Inspr Bost	Reqs that shipmt order of 1-8th -vacuum tubes to Wash be fulfilled Inspr Mass 1:31	W
389951	1:28	Insptr Phila	Conf tel conv in con with kind of wire to use in wings of airplanes for radio purposes. To S&A Reqs shipmt from Phila to Gloucester 25 aircft radio transmitters 1-28 To Insptr Phila- Bost be informed of action taken on above- 2/17	W
389798	1:27	International R T Co	Sub price on material and sup for equip of aircraft with radio sets. International R T Co 2-6 Corrects quotation -	W
389826	1-24 1:28	Toronto C&R	B-5 Flying boat, instal plans for committee	W
		C&R-Req	reply to endorsement 1:29 on.	
			Fwd. C&R 2/20	
			C&R-Req-copy of curve-W-2:21	
			Fwd C&R 3-4	

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AIRMAN'S RADIO

Number.	Date.	From or To—	Subject.	
388907	1-28	To S&A	Repts shipt from Gloucester to TEXAS 16 storage batteries	W
388909	1-28	To S&A	Repts shipt from Anacostia to TEXAS insulators-helmets etc	W
388919	1-28	To 4th Dist.	Overtime for truck drivers Phila to NY carrying urgent aircraft radio app this date authorized	W
389354	1-28	To S&A	Repts shipt from GE to TEXAS re aircraft radio transmitters RB 9-13	W
389355	1-28	To S&A	Repts shipt from Phila to TEXAS vacuum tubes aircraft radio receivers-dynamotor	W
38936756	1-28	To S&A	Repts shipt from Wash to TEXAS aircraft receivers vacuum tubes-dry batteries radio helmets Repts shipt. of apparatus from Wash. to & for Grantanamo Expedition. 2/1	W
388912	2:29	To S&A	RB 3:21	

AIRPLANES RADIO

Number.	Date.	From or To—	Subject.	
386858	1-21	To S&A	Repts shipment from Best to Gloucester- 12 radiation ammeters etc	W
387184	1-21	To CO Hamp Rds	Repts copies of photos	W
387187	1-21	To Dept Avi	Modifies instructions re installn of radio app on seaplanes at factories Req radio set be fwd separately. Dept. 1:25	W
387202	1-22	To GE	Ack receipt of spec forms applying to vacuum tubes as listed GE-fwds copy of prints of sockets. 1:27	W
387440	1-22	To S&A	Repts shipment from Wash. to Hamp Rds- airplane Bb 420 compass receivers- helmets-vacuum tu bes-batter Received back 1:27 To Hamp Rds- Returns lemon copy of shipment order of 1-22 and for endorsement and signature 1-30	W
		To S&A	Reqt canc of SO 1-22 5-5	
388012	1:21	Hampton Roads	Fwds photos of stationary antenna on HS-2 seaplane.	W
387445	1:23	Insr Curtiss T	Lists material on hand and status of instal.	
		Insr Phila-Conf tel conv in con with re-continuance radio instal at factory. W 1:23	To Phila (T) installn of radio sets at aircraft factories discontinued. Asks for item ized list of same 1-22	
		To Dept of Aeronautics Co T 1-22	To Insr Laminated Wood Fuselage Corp ditto 1-22	
		To Phila T 1-22	To Aircraft Factory Phila ditto 1-22	
		To c Box Harbor Pensc-Only one To Curtiss T 1-22 tel mast available. 2:21	To Insr Curtiss ditto 1-22	

AIRPLANES: RADIO

Number.	Date.	From or To—	Subject.	
388152	1:22	Akron	Asks if bureau can furnish Westinghouse indicator volt meters to be used for testing batteries for radio work. W	
388199	1:23	Bu Standard	Submits comments and criticism on prints cov antenna.	
384124	1-24 <i>See card 106</i>	To Inspr Best	Material rec'd shipmt order 1-13th available at Gallaudet To S&A 1:18 RB 3:21 fwd Glouch 4-16	W
3876700	1-24	To S&A	Repts shipmt from GE to Ann 1 radio tr ansmitter Shipmt Ord- R B 6:6	W
387701	1-23	To S&A	Repts Shipmt from Gloucester to Ann 2 aircft radio transmitters RB 6:6	W
385851	1-24	To 2nd Asst Postmaster Genl	- Gives approx cost for yearly operation and maintenance of complete radio transmitting and receiving stations for service in conn with Air Postal Service	W
42008	1/28	Insp'r Curt	Recommends 32 storage batteries shipmt Toronto for Canadian Airplanes Co. be diverted; not required. W&DA	629